APPENDIX B1

AIR QUALITY ASSESSMENT

Air Quality Assessment
Compass Northern Gateway Project
City of Menifee, California

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Appendix A: Air Quality Modeling Data

LIST OF ABBREVIATED TERMS

AQMP	air quality management plan
AB	Assembly Bill
ADT	average daily traffic
CAPCOA	California Air Pollution Control Officers Association
CARB	California Air Resources Board
CAAQS	California Ambient Air Quality Standards
CCAA	California Clean Air Act
CalEEMod	California Emissions Estimator Model
CEQA	California Environmental Quality Act
CO	carbon monoxide
cy	cubic yards
DPM	diesel particulate matter
EPA	Environmental Protection Agency
FCAA	Federal Clean Air Act
H_2S	hydrogen sulfide
Pb	lead
LST	local significance threshold
$\mu g/m^3$	micrograms per cubic meter
mg/m^3	milligrams per cubic meter
NAAQS	National Ambient Air Quality Standards
NO_2	nitrogen dioxide
NO_x	nitrogen oxide
O_3	ozone
PM_{10}	particulate matter less than 10 microns in diameter
$PM_{2.5}$	particulate matter less than 2.5 microns in diameter
ppm	parts per million
ROG	reactive organic gases
RTP/SCS	Regional Transportation Plan/Sustainable Communities Strategy
SB	Senate Bill
SRA	source receptor area
SCAB	South Coast Air Basin
SCAQMD	South Coast Air Quality Management District
SCAG	Southern California Association of Governments
sf	square foot
SO_{4-2}	sulfates
SO_2	sulfur dioxide
TAC	toxic air contaminant
C_2H_3Cl	vinyl chloride
VOC	volatile organic compound

1 INTRODUCTION

This report documents the results of an Air Quality Assessment completed for the Compass Northern Gateway Project (Project). The purpose of this Air Quality Assessment is to evaluate the potential construction and operational emissions associated with the Project and determine the level of impact the Project would have on the environment.

1.1 Project Location

The Project is generally located in the northeastern part of the City of Menifee (City), in the County of Riverside (County), in the State of California. Regional access to the Project is provided via Interstate (I-215); refer to Exhibit 1: Regional Vicinity and Exhibit 2: Local Vicinity.

Project Site 1 (Corsica Lane) DEV2022-010

Project Site 1 related improvements would occur on three separate accessor parcel numbers (APN: 330-180-010, -046, and -006) in the City of Menifee. Project Site 1 is bisected by Corsica Lane and generally bounded by a Southern California Edison (SCE) public utility corridor and McLaughlin Road to the south; single-family residential uses, Aaron Alan Drive, and Ruffian Road to the north; Goetz Road with single family residences beyond to the west; and Wheat Street to the east.

Project Site 2 (Wheat Street) DEV2022-012

Project Site 2 related improvements would occur on one parcel (APN: 330-180-012) or more specifically at 26201 Wheat Street in the City of Menifee. Project Site 2 is generally bounded by single-family residences to the south; vacant land and Ethanac Road to the north; single family residences and Ruffian Road to the west; and Wheat Street to the east.

Project Site 3 (Evans Road) DEV2022-018

Project Site 3 related improvements would occur on one parcel (APN: 331-060-018) southeast of the intersection of Ethanac Road and Evans Road in the City of Menifee. Project Site 3 is generally bounded by vacant land to the south; Ethanac Road and the City of Perris to the north; vacant land, a Riverside County flood control channel, and Barnett Road to the east; and Evans Road and a single-family residence to the west.

1.2 Project Description

The Project proposes the development of approximately 461,237 square feet (SF) of industrial warehousing within four buildings on three separate sites, totaling 25.90 total gross-acres. Project Sites 1 through 3 also include associated facilities and improvements which includes loading dock doors, on-site landscaping, and related on-site and off-site improvements (roadway improvements, sewer, storm drain, utilities).

Since the release of the Notice of Preparation (NOP) on January 13, 2023, the Project's design has changed. The original Project Site 1 included three buildings on four separate parcels. However, APN 330-180-029 was removed from Project Site 1 and thus reduced the total proposed buildings from three to two, now totaling 234,921 square feet (SF). In addition, the building on Site 2 was increased from 86,676

SF to 87,770 SF and the building on Site 3 was increased from 137,896 SF to 138,546 SF. However, to be conservative, the Air Quality Assessment (where applicable) analyzes the Project as described in the NOP which was 28,366 SF larger than what is currently proposed.

Project Site 1 (Corsica Lane) DEV2022-010

Project Site 1 related improvements would occur on three separate accessor parcel numbers (APN: 330-180-010, -046, and -006) totaling approximately 13.66 gross acres and includes the construction of two concrete tilt-up buildings totaling 234,921 SF. More specifically, Building 1 would total 154,831 SF, inclusive of 5,000 SF office space and proposes a structural height of 41 feet and includes 136 automobile parking spaces and 16 trailer parking spaces. Building 2 would total 80,090 SF, inclusive of 4,000 SF of office space and proposes a structural height of 41 feet and includes 80 automobile parking spaces; refer to Exhibit 3: Site Plan (Site 1).

Project Site 2 (Wheat Street) DEV2022-012

Project Site 2 consists of the demolition of an existing residential structure and includes the construction of one concrete tilt-up building totaling 87,770 SF, inclusive of 5,000 SF of office space and 4,500 SF of mezzanine, on approximately 4.72 gross acres. The building proposes a structural height of 40 feet and would include a total of 112 automobile parking spaces; refer to Exhibit 4: Site Plan (Site 2).

Project Site 3 (Evans Road) DEV2022-018

Project Site 3 would include the construction of one concrete tilt-up building totaling 138,546 SF, inclusive of 3,000 SF of office space and 3,000 of mezzanine, on approximately 7.52 gross acres. The building proposes a structural height of 43 feet and would include a total of 154 automobile parking spaces; refer to Exhibit 5: Site Plan (Site 3).

General Plan Land Use Designations and Zoning Classifications

The Project Sites' existing land use designation is Economic Development Corridor (EDC) – Northern Gateway. The Project's proposed industrial uses are allowed within the EDC – Northern Gateway land use designation. The Project Sites' existing zoning classification is the Economic Development Corridor-Northern Gateway (EDC-NG). The Project's proposed industrial uses are permitted within the EDC-NG zoning classification.

Project Phasing and Construction

The Project is anticipated to be developed in one phase. Construction is anticipated to occur over a duration of 12 months, beginning in late 2024.

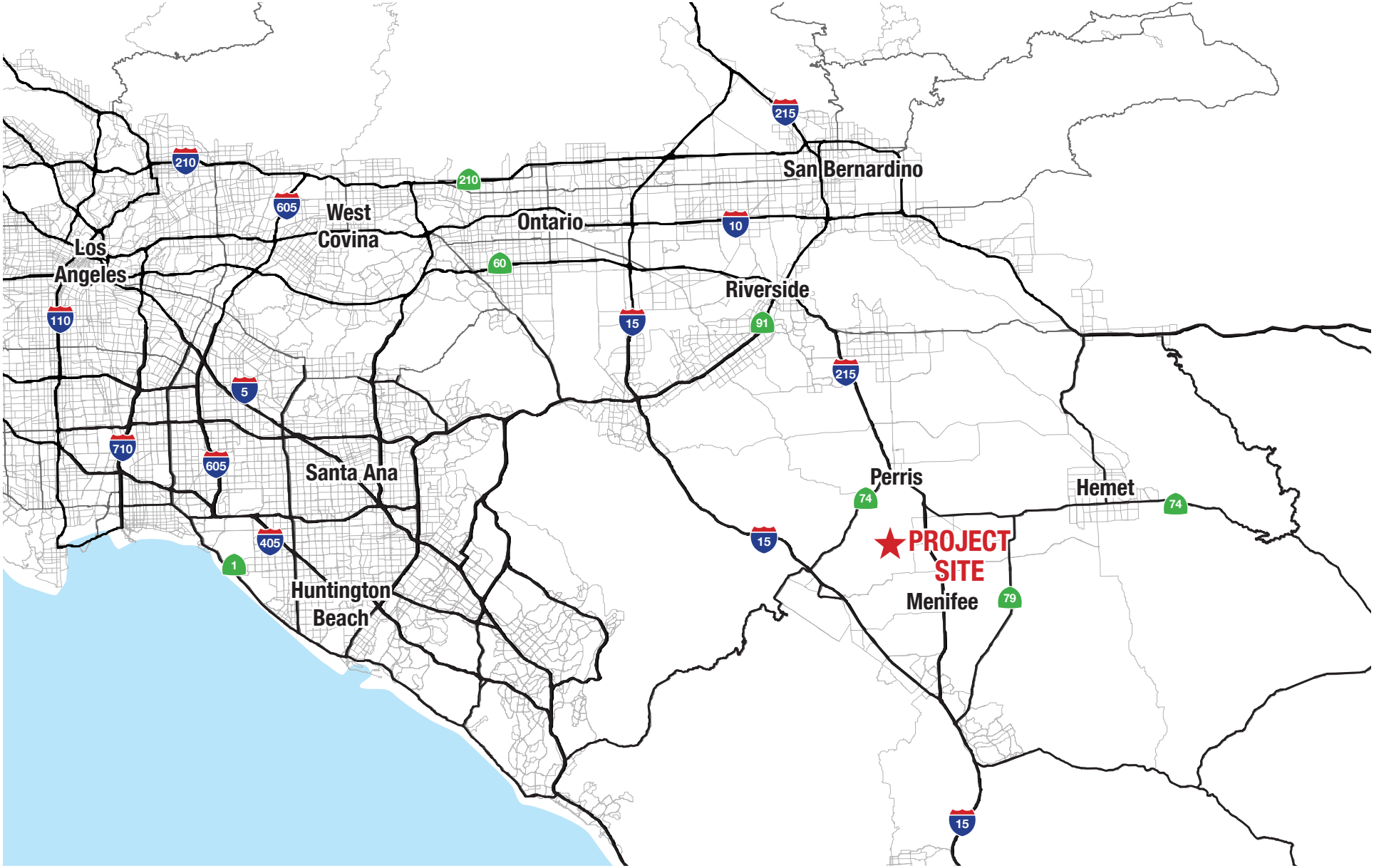

EXHIBIT 1: Regional Vicinity Map

Menifee Compass Northern Gateway Warehouses Project

City of Menifee

Not to Scale

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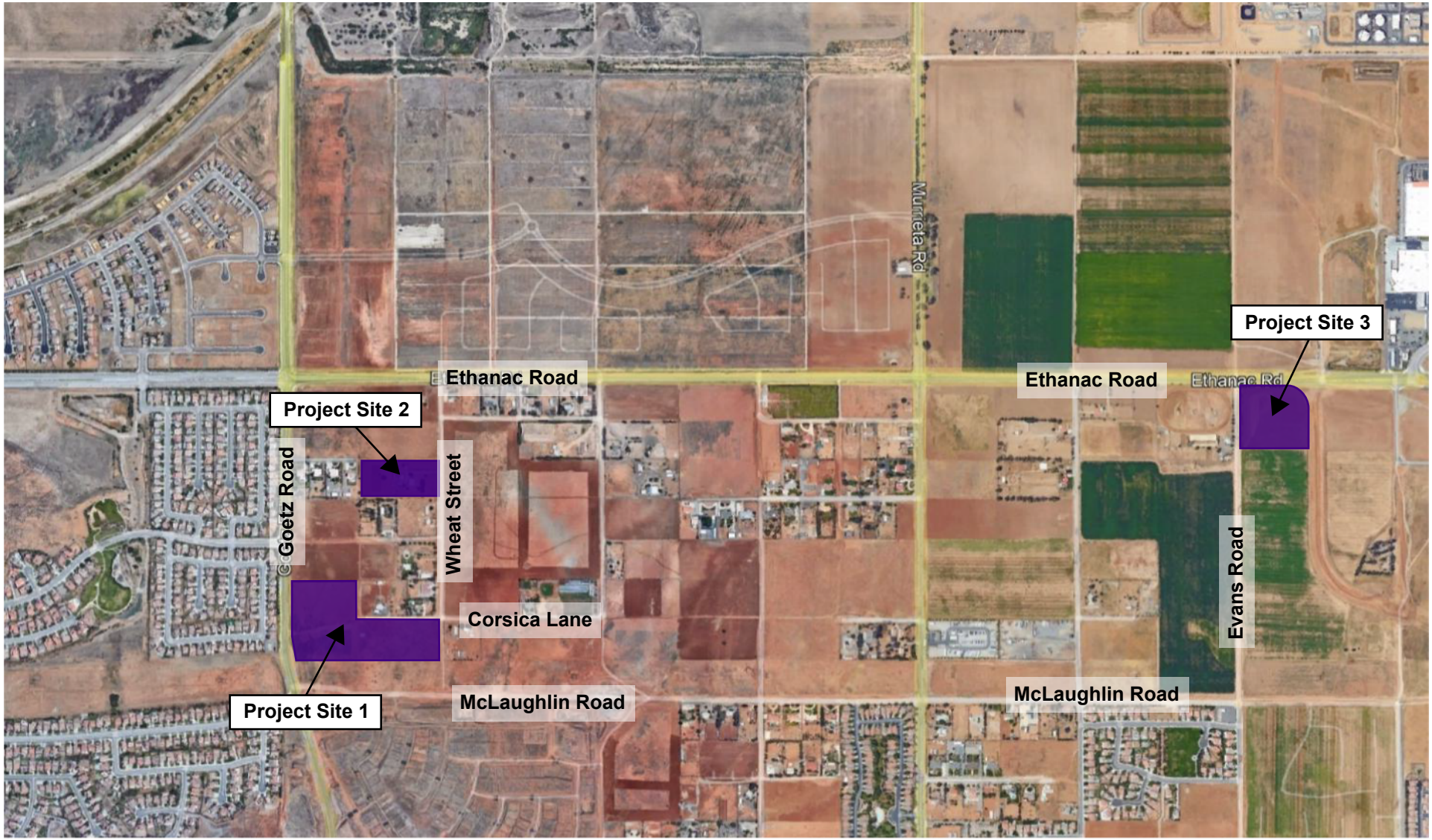

Source: Google Earth Pro

EXHIBIT 2: Local Vicinity Map

Menifee Compass Northern Gateway Warehouses Project

City of Menifee

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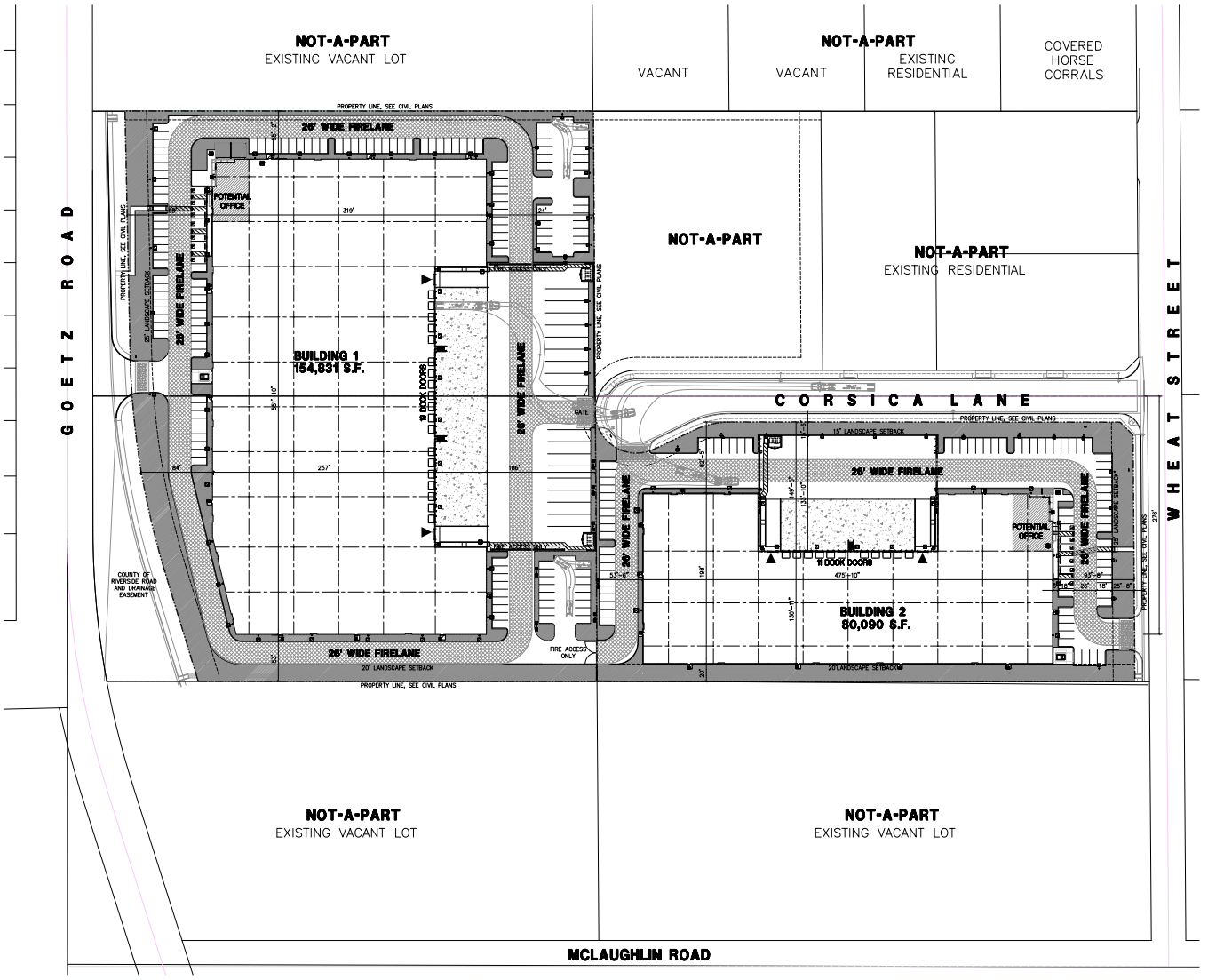

PROJECT DATA

	BLDG. 1	BLDG. 2	TOTAL	
SITE AREA				
In s.f.	345,614	184,042	529,656	s.f.
In acres	7.93	4.23	13.99	ac
BUILDING AREA				
Office	5,000	4,000	9,000	s.f.
Warehouse	149,831	76,090	225,921	s.f.
TOTAL	**154,831**	**80,090**	**234,921**	s.f.
COVERAGE	44.8%	43.5%	44.4%	
AUTO PARKING REQUIRED				
Office: 1/300 s.f.	17	13	30	stalls
Whse: 1st 100k @ 1/1,000 s.f.	100	76	176	stalls
100k to 500k @ 1/1,500 s.f.	34		34	stalls
over 500k @ 1/2,000 s.f.			0	stalls
TOTAL	151	89	240	stalls
10% Reduction per Items 1 and 2 below under Alltternative Programs for Parking				
Parking Reduction	15	9	24	stalls
Total parking required w ith reduction	**136**	**80**	**216**	**stalls**
Alternative Programs for Parking				
1. Roadw ay improvements and/or dedications that go beyond the code required improvements or traffic study recommended improvements (5%)				
2. Lot consolidation and elimination of existing legal non-conforming uses/structures/properties totaling a minimum of 5 acres (5%)				
3. Renew able energy – 100% of the Initial improvements for the facility to be pow ered by solar or by renew able sources (5%)				
4. Added landscape setbacks beyond first 25 feet (1% for 5 feet, 3% for 10 feet, 5% for 15 feet)				
Required Accessible Parking				
Van Accesible (12' x 18')	1	1	2	stalls
Standard Accessible (9' x 18')	4	3	7	stalls
Future EV Van Accessible (12'x18')	1	1	2	stalls
Future EV Standard Accessible (9'x18')	1	1	2	stalls
Future EV and Clean Air/Van Pool/EV Requirements				
Future EV Parking (9'x18') (76-100 stalls)	11	7	18	stalls
Clean Air/Van Pool/EV (9'x18') (76-100 stalls)	5	3	8	stalls
Note: Future charging spaces qualify as designated parking as described in section 5.106.5.2				
Designated parking for clean air vehicles				
AUTO PARKING PROVIDED				
Standard (9' x 18')	120	65	185	stalls
Accesible (9' x 18')	4	3	7	stalls
Van Accesible (12' x 18')	1	1	2	stalls
Future EV Van Accesible (12' x 18')	1	1	2	stalls
Future EV Standard Accessible (9'x18')	1	1	2	stalls
Future Standard EV (9' x 18')	11	7	18	stalls
Clean Air Vehicle (9' x 18')	5	3	8	stalls
TOTAL	143	81	224	stalls
BICYCLE PARKING				
Required				
Short Term @ 1/25 car spaces	6	4	10	racks
Long Term @ 1/25 car spaces	6	4	10	racks
1 Bicycle space for every 25 parking spaces required. A minimum of 2 bicycle spaces required.				
Provided				
Short Term	6	4	10	racks
Long Term	6	4	10	racks
TRAILER PARKING PROVIDED				
Trailer (10' x 55')	16	0	16	stalls
ZONING ORDINANCE FOR CITY				
Zoning Designation - Economic Development Corridor - Northern Gatew ay (EDC-NG)				
MAXIMUM BUILDING HEIGHT ALLOWED				
Height - 100'				
MAXIMUM FLOOR AREA RATIO				
FAR - 1.0				
LANDSCAPE REQUIREMENT				
Percentage - 10% (sf)	34,561	18,404	52,966	sf
LANDSCAPE PROVIDED				
Percentage	16%	20%	17%	
Area (sf)	53,628	36,234	89,862	sf
SETBACKS				
Front - 25'				
Street side - 15'				
Rear yard - 10'				
STATEMENT OF OPERATION				
Occupancy / Operations TBD				
(Potential Uses: General w arehouse, distribution centers and storage; Manufacturing, Light or Medium-Intensity.)				

Source: HPA Inc. (2024). Master Site Plan

EXHIBIT 3: Site Plan (Site 1)

Menifee Compass Northern Gateway Warehouses Project

City of Menifee

Not to Scale

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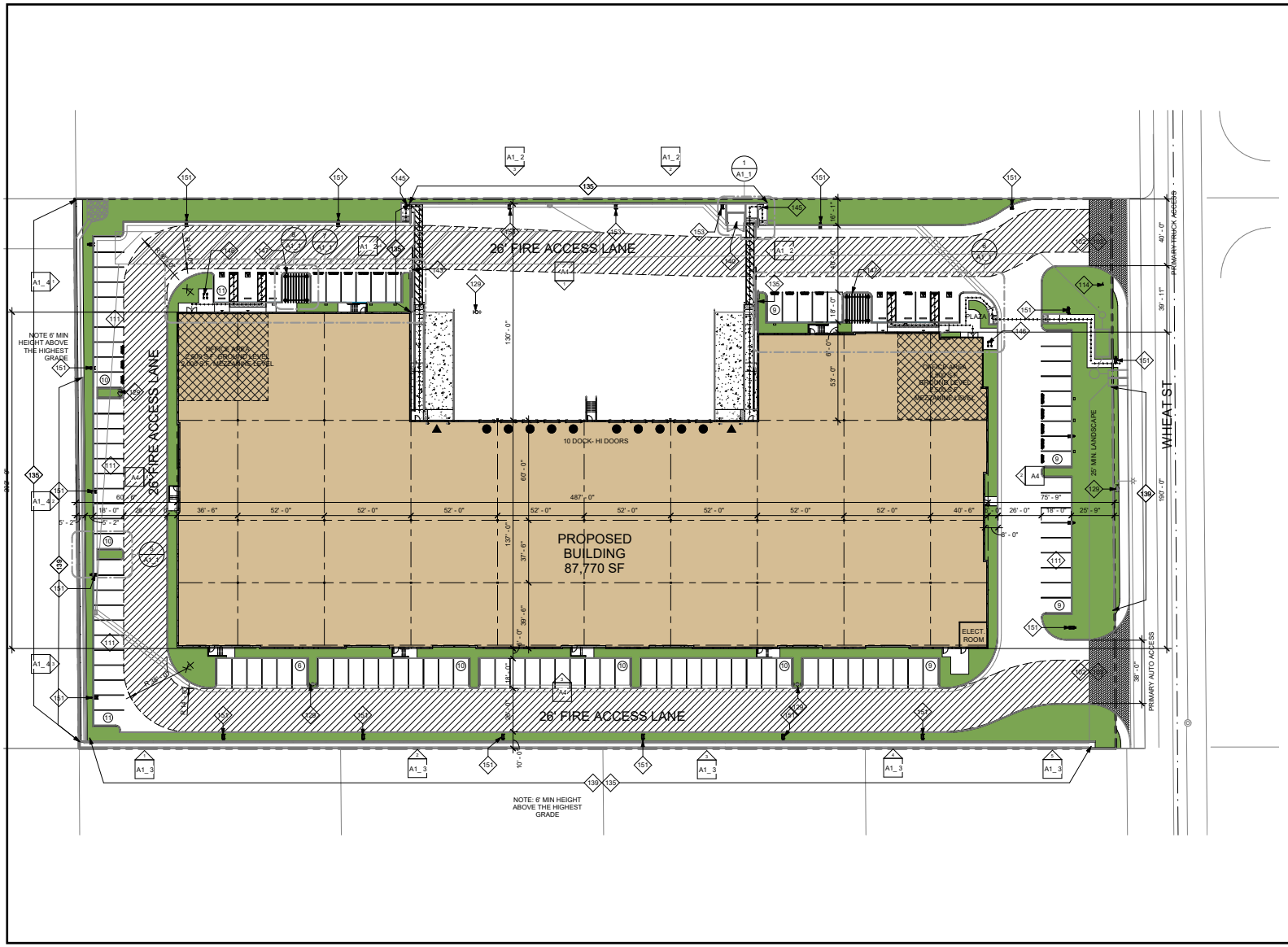

GROSS SITE AREA

SQUARE FOOTAGE	ACRES
205477 SF	4.72

FLOOR AREA RATIO

BUILDING AREA	SITE AREA	FAR ALLOWABLE	FAR PROVIDED
87700 SF	205477 SF	100%	42.7%

BUILDING AREA SUMMARY

NAME	AREA
GROUND FLOOR	
WAREHOUSE	78200 SF
OFFICE	2500 SF
OFFICE	2500 SF
	83200 SF
MEZZANINE	
OFFICE	2500 SF
OFFICE	2000 SF
	4500 SF
GROUND LEVEL + MEZZANINE	
WAREHOUSE	78200 SF
OFFICE	9500 SF
TOTAL BUILDING AREA	87700 SF

LANDSCAPE AREA SUMMARY

LOT AREA	% LANDSCAPING REQUIRED	AREA LANDSCAPING PROVIDED	% LANDSCAPING PROVIDED
205644 SF	10%	33904 SF	16.5%

TOTAL PARKING REQUIRED

BUILDING USE	BUILDING AREA	PARKING RATIO 1/X	REQ. PARKING
OFFICE	9500 SF	300	31.67
WAREHOUSE	78200 SF	1000	78.20
TOTAL	87700 SF		109.87

REQUIRED PARKING BREAKDOWN

SPACE TYPE	SPACES REQUIRED
STANDARD STALLS	85
STANDARD ACCESSIBLE STALLS	4
VAN ACCESSIBLE STALLS	1
CLEAN AIR STALLS	7
FUTURE EV CHARGING ONLY STALLS	11
FUTURE EV CHARGING ONLY STANDARD ACCESSIBLE STALLS	1
FUTURE EV CHARGING ONLY VAN ACCESSIBLE STALLS	1
TOTAL	110

PARKING PROVIDED

SPACE TYPE	SPACES PROVIDED
STANDARD STALLS	87
STANDARD ACCESSIBLE STALLS	3
VAN ACCESSIBLE STALLS	2
CLEAN AIR STALLS	7
FUTURE EV CHARGING ONLY STALLS	11
FUTURE EV CHARGING ONLY STANDARD ACCESSIBLE STALLS	1
FUTURE EV CHARGING ONLY VAN ACCESSIBLE STALLS	1
TOTAL	112

Source: Herdman. (2023). Site Plan

Exhibit 4: Site Plan (Site 2)
City of Menifee
Compass Northern Gateway

Not to Scale

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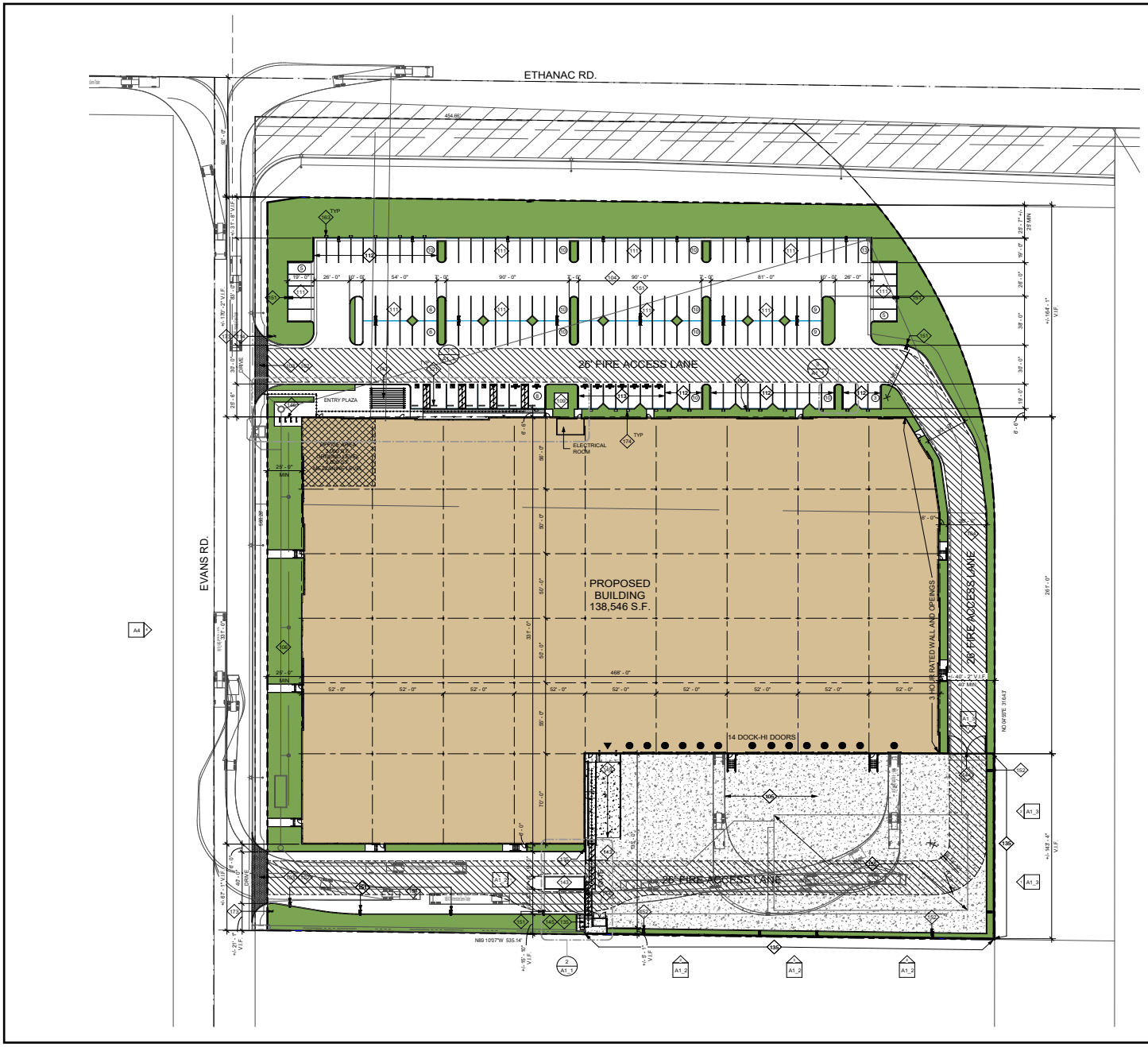

SITE AREA

SQUARE FOOTAGE	ACRES
GROSS	
327656 SF	7.52
NET	
295988 SF	6.79

FLOOR AREA RATIO

BUILDING AREA	SITE AREA	FAR ALLOWABLE	FAR PROVIDED
138546 SF	295988 SF	100%	46.8%

BUILDING AREA SUMMARY

NAME	AREA
GROUND FLOOR	
WAREHOUSE	132546 SF
OFFICE	3000 SF
	135546 SF
MEZZANINE	
OFFICE	3000 SF
	3000 SF
GROUND LEVEL + MEZZANINE	
WAREHOUSE	132546 SF
OFFICE	6000 SF
TOTAL BUILDING AREA	138546 SF

LANDSCAPE AREA SUMMARY

LOT AREA	% LANDSCAPING REQUIRED	AREA LANDSCAPING PROVIDED	% LANDSCAPING PROVIDED
295988 SF	10%	46903 SF	15.8%

TOTAL PARKING REQUIRED

BUILDING USE	BUILDING AREA	PARKING RATIO 1/X	REQ. PARKING
OFFICE	6000 SF	300	20.00
WAREHOUSE	32546 SF	1500	21.70
WAREHOUSE	100000 SF	1000	100.00
TOTAL	138546 SF		141.70

REQUIRED PARKING BREAKDOWN

SPACE TYPE	SPACES REQUIRED
STANDARD STALLS	112
STANDARD ACCESSIBLE STALLS	5
VAN ACCESSIBLE STALLS	0
EV CAPABLE STALL (w/o EVSE)	19
EVCS (EV CAPABLE STALL w/ EVSE)	4
STANDARD ACCESSIBLE EVCS (EV CAPABLE STALL w/ EVSE)	1
VAN ACCESSIBLE EVCS (EV CAPABLE STALL w/ EVSE)	1
TOTAL	142

PARKING PROVIDED

SPACE TYPE	SPACES PROVIDED
STANDARD STALLS	113
STANDARD ACCESSIBLE STALLS	5
VAN ACCESSIBLE STALLS	1
EV CAPABLE STALL (w/o EVSE)	26
EVCS (EV CAPABLE STALL w/ EVSE)	7
STANDARD ACCESSIBLE EVCS (EV CAPABLE STALL w/ EVSE)	1
VAN ACCESSIBLE EVCS (EV CAPABLE STALL w/ EVSE)	1
TOTAL	154

Source: Herdman. (2023). Proposed Site Plan

Exhibit 5: Site Plan (Site 3)
City of Menifee
Compass Northern Gateway

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2 ENVIRONMENTAL SETTING

2.1 Climate and Meteorology

The California Air Resources Board (CARB) divides the State into 15 air basins that share similar meteorological and topographical features. The Project is located within the South Coast Air Basin (SCAB), which includes the non-desert portions of Los Angeles, Riverside, and San Bernardino counties, as well as all of Orange County. The SCAB is on a coastal plain with connecting broad valleys and low hills, bounded by the Pacific Ocean on the southwest and high mountains forming the remainder of the perimeter[1]. Air quality in this area is determined by such natural factors as topography, meteorology, and climate, in addition to the presence of existing air pollution sources and ambient conditions. These factors along with applicable regulations are discussed below.

The SCAB is part of a semi-permanent high-pressure zone in the eastern Pacific. As a result, the climate is mild and tempered by cool sea breezes. This usually mild weather pattern is occasionally interrupted by periods of extreme heat, winter storms, and Santa Ana winds. The annual average temperature throughout the 6,645-square-mile SCAB ranges from low 60 to high 80 degrees Fahrenheit with little variance. With more oceanic influence, coastal areas show less variability in annual minimum and maximum temperatures than inland areas.

Contrasting the steady pattern of temperature, rainfall is seasonally and annually highly variable. Almost all annual rainfall occurs between the months of November and April. Summer rainfall is reduced to widely scattered thundershowers near the coast, with slightly heavier activity in the east and over the mountains.

Although the SCAB has a semiarid climate, the air closer to the Earth's surface is typically moist because of the presence of a shallow marine layer. Except for occasional periods when dry, continental air is brought into the SCAB by offshore winds, the "ocean effect" is dominant. Periods of heavy fog are frequent and low clouds known as high fog are characteristic climatic features, especially along the coast. Annual average humidity is 70 percent at the coast and 57 percent in the eastern portions of the SCAB.

Wind patterns across the SCAB are characterized by westerly or southwesterly on-shore winds during the day and easterly or northeasterly breezes at night. Wind speed is typically higher during the dry summer months than during the rainy winter. Between periods of wind, air stagnation may occur in both the morning and evening hours. Air stagnation is one of the critical determinants of air quality conditions on any given day. During winter and fall, surface high-pressure systems over the SCAB, combined with other meteorological conditions, result in very strong, downslope Santa Ana winds. These winds normally continue for a few days before predominant meteorological conditions are reestablished.

The mountain ranges to the east affect the diffusion of pollutants by inhibiting the eastward transport of pollutants. Air quality in the SCAB generally ranges from fair to poor and is similar to air quality in most of coastal Southern California. The entire region experiences heavy concentrations of air pollutants during prolonged periods of stable atmospheric conditions.

In addition to the characteristic wind patterns that affect the rate and orientation of horizontal pollutant transport, two distinct types of temperature inversions control the vertical depth through which air pollutants are mixed. These inversions are the marine inversion and the radiation inversion. The height of

[1] South Coast Air Quality Management District, *CEQA Air Quality Handbook*, 1993.

the base of the inversion at any given time is called the "mixing height." The combination of winds and inversions is a critical determinant leading to highly degraded air quality for the SCAB in the summer and generally good air quality in the winter.

2.2 Air Pollutants of Concern

The air pollutants emitted into the ambient air by stationary and mobile sources are regulated by State and federal laws. These regulated air pollutants are known as "criteria air pollutants" and are categorized into primary and secondary pollutants.

Primary air pollutants are emitted directly from sources. Carbon monoxide (CO), reactive organic gases (ROG), nitrogen oxide (NO_X), sulfur dioxide (SO_2), coarse particulate matter (PM_{10}), fine particulate matter ($PM_{2.5}$), and lead are primary air pollutants. Of these, CO, NO_X, SO_2, PM_{10}, and $PM_{2.5}$ are primary criteria pollutants. ROG and NO_X are criteria pollutant precursors and form secondary criteria pollutants through chemical and photochemical reactions in the atmosphere. For example, the criteria pollutant ozone (O_3) is formed by a chemical reaction between ROG and NO_X in the presence of sunlight. O_3 and nitrogen dioxide (NO_2) are the principal secondary pollutants. Sources and health effects commonly associated with criteria pollutants are summarized in Table 1: Air Contaminants and Associated Public Health Concerns.

Table 1: Air Contaminants and Associated Public Health Concerns

Pollutant[1]	Major Man-Made Sources	Human Health Effects
Particulate Matter (PM_{10} and $PM_{2.5}$)	Power plants, steel mills, chemical plants, unpaved roads and parking lots, wood-burning stoves and fireplaces, automobiles and others.	Increased respiratory symptoms, such as irritation of the airways, coughing, or difficulty breathing; asthma; chronic bronchitis; irregular heartbeat; nonfatal heart attacks; and premature death in people with heart or lung disease. Impairs visibility.
Ozone (O_3)	Formed by a chemical reaction between reactive organic gases/volatile organic compounds (ROG or VOC)[1] and nitrogen oxides (NO_X) in the presence of sunlight. Motor vehicle exhaust industrial emissions, gasoline storage and transport, solvents, paints and landfills.	Irritates and causes inflammation of the mucous membranes and lung airways; causes wheezing, coughing, and pain when inhaling deeply; decreases lung capacity; aggravates lung and heart problems. Damages plants; reduces crop yield.
Sulfur Dioxide (SO_2)	A colorless gas formed when fuel containing sulfur is burned and when gasoline is extracted from oil. Examples are petroleum refineries, cement manufacturing, metal processing facilities, locomotives, and ships.	Respiratory irritant. Aggravates lung and heart problems. In the presence of moisture and oxygen, sulfur dioxide converts to sulfuric acid which can damage marble, iron and steel. Damages crops and natural vegetation. Impairs visibility. Precursor to acid rain.
Carbon Monoxide (CO)	An odorless, colorless gas formed when carbon in fuel is not burned completely; a component of motor vehicle exhaust.	Reduces the ability of blood to deliver oxygen to vital tissues, affecting the cardiovascular and nervous system. Impairs vision, causes dizziness, and can lead to unconsciousness or death.
Nitrogen Dioxide (NO_2)	A reddish-brown gas formed during fuel combustion for motor vehicles and industrial sources. Sources include motor vehicles, electric utilities, and other sources that burn fuel.	Respiratory irritant; aggravates lung and heart problems. Precursor to O_3. Contributes to global warming and nutrient overloading which deteriorates water quality. Causes brown discoloration of the atmosphere.

Table 1: Air Contaminants and Associated Public Health Concerns		
Pollutant[1]	**Major Man-Made Sources**	**Human Health Effects**
Lead (Pb)	Lead is a metal found naturally in the environment as well as in manufactured products. The major sources of lead emissions have historically been motor vehicles (such as cars and trucks) and industrial sources. Due to the phase out of leaded gasoline, metals processing is the major source of lead emissions to the air today. The highest levels of lead in air are generally found near lead smelters. Other stationary sources are waste incinerators, utilities, and lead-acid battery manufacturers.	Exposure to lead occurs mainly through inhalation of air and ingestion of lead in food, water, soil, or dust. It accumulates in the blood, bones, and soft tissues and can adversely affect the kidneys, liver, nervous system, and other organs. Excessive exposure to lead may cause neurological impairments such as seizures, mental retardation, and behavioral disorders. Even at low doses, lead exposure is associated with damage to the nervous systems of fetuses and young children, resulting in learning deficits and lowered IQ.
1. Volatile Organic Compounds (VOCs or Reactive Organic Gases [ROG]) are hydrocarbons/organic gases that are formed solely of hydrogen and carbon. There are several subsets of organic gases including ROGs and VOCs. Both ROGs and VOCs are emitted from the incomplete combustion of hydrocarbons or other carbon-based fuels. The major sources of hydrocarbons are combustion engine exhaust, oil refineries, and oil-fueled power plants; other common sources are petroleum fuels, solvents, dry cleaning solutions, and paint (via evaporation).		
Source: California Air Pollution Control Officers Association (CAPCOA), *Health Effects*, 2018.		

Toxic Air Contaminants

Toxic air contaminants (TACs) are airborne substances that can cause short-term (acute) or long-term (i.e., chronic, carcinogenic or cancer causing) adverse human health effects (i.e., injury or illness). TACs include both organic and inorganic chemical substances. They may be emitted from a variety of common sources including gasoline stations, automobiles, dry cleaners, industrial operations, and painting operations. The current California list of TACs includes more than 200 compounds, including particulate emissions from diesel-fueled engines.

CARB identified diesel particulate matter (DPM) as a toxic air contaminant. DPM differs from other TACs in that it is not a single substance but rather a complex mixture of hundreds of substances. Diesel exhaust is a complex mixture of particles and gases produced when an engine burns diesel fuel. DPM is a concern because it causes lung cancer; many compounds found in diesel exhaust are carcinogenic. DPM includes the particle-phase constituents in diesel exhaust. The chemical composition and particle sizes of DPM vary between different engine types (heavy-duty, light-duty), engine operating conditions (idle, accelerate, decelerate), fuel formulations (high/low sulfur fuel), and the year of the engine. Some short-term (acute) effects of diesel exhaust include eye, nose, throat, and lung irritation, and diesel exhaust can cause coughs, headaches, light-headedness, and nausea. DPM poses the greatest health risk among the TACs. Almost all diesel exhaust particle mass is 10 microns or less in diameter. Due to their extremely small size, these particles can be inhaled and eventually trapped in the bronchial and alveolar regions of the lung.

Ambient Air Quality

CARB monitors ambient air quality at approximately 250 air monitoring stations across the State. These stations usually measure pollutant concentrations ten feet above ground level; therefore, air quality is often referred to in terms of ground-level concentrations. Existing levels of ambient air quality, historical trends, and projections near the Project are documented by measurements made by the South Coast Air Quality Management District (SCAQMD), the air pollution regulatory agency in the SCAB that maintains air quality monitoring stations which process ambient air quality measurements.

Pollutants of concern in the SCAB include O_3, PM_{10}, and $PM_{2.5}$. The closest air monitoring station to the Project that monitors ambient concentrations of these pollutants is the Perris Monitoring Station (located approximately 7.6 miles to the southwest). Local air quality data from 2020 to 2022 are provided in Table 2: Ambient Air Quality Data, which lists the monitored maximum concentrations and number of exceedances of state or federal air quality standards for each year.

Table 2: Ambient Air Quality Data

Criteria Pollutant	2020	2021	2022
Ozone (O_3)			
1-hour Maximum Concentration (ppm)	0.130	0.118	0.121
8-hour Maximum Concentration (ppm)	0.100	0.097	0.091
Number of Days Standard Exceeded			
CAAQS 1-hour (>0.09 ppm)	18	18	17
NAAQS 8-hour (>0.070 ppm)	54	44	37
Carbon Monoxide (CO)			
1-hour Maximum Concentration (ppm)	1.829	2.022	3.272
Number of Days Standard Exceeded			
NAAQS 1-hour (>35 ppm)	0	0	0
CAAQS 1-hour (>20 ppm)	0	0	0
Nitrogen Dioxide (NO_2)			
1-hour Maximum Concentration (ppm)	0.0436	0.0437	0.0372
Number of Days Standard Exceeded			
NAAQS 1-hour (>0.100 ppm)	0	0	0
CAAQS 1-hour (>0.18 ppm)	0	0	0
Particulate Matter Less Than 10 Microns (PM_{10})			
National 24-hour Maximum Concentration	192	90	91.8
State 24-hour Maximum Concentration	—	—	—
State Annual Average Concentration (CAAQS=20 µg/m³)	—	—	—
Number of Days Standard Exceeded			
NAAQS 24-hour (>150 µg/m³)	1	0	0
CAAQS 24-hour (>50 µg/m³)	—	—	—
Particulate Matter Less Than 2.5 Microns ($PM_{2.5}$)			
National 24-hour Maximum Concentration	—	—	—
State 24-hour Maximum Concentration	41.6	28.8	16.2
Number of Days Standard Exceeded			
NAAQS 24-hour (>35 µg/m³)	—	—	—

NAAQS = National Ambient Air Quality Standards; CAAQS = California Ambient Air Quality Standards; ppm = parts per million.
µg/m³ = micrograms per cubic meter; – = not measured

Measurements taken at the Lake Elsinore-W Flint Street Monitoring Station at 506 W Flint Street, Lake Elsinore, California 92530 (CARB# 33158)

Source: All pollutant measurements are from the CARB Aerometric Data Analysis and Management system database (https://www.arb.ca.gov/adam) except for CO, which were retrieved from the CARB Air Quality and Meteorological Information System (https://www.arb.ca.gov/aqmis2/aqdselect.php).

2.3 Sensitive Receptors

Sensitive populations are more susceptible to the effects of air pollution than is the general population. Sensitive receptors that are in proximity to localized sources of toxics are of particular concern. Land uses considered sensitive receptors include residences, schools, playgrounds, childcare centers, long-term health care facilities, rehabilitation centers, convalescent centers, and retirement homes. The Project is surrounded by legal non-conforming residences, vacant/undeveloped land uses. Existing residential is also located to the west across Goetz Road from Site 1 and Site 2. Sensitive land uses nearest to the Project are shown in Table 3: Sensitive Receptors.

Table 2: Sensitive Receptors

Receptor Description	Distance and Direction from the Project[1]
Project Site 1 (Corsica Lane)	
Single-family Residence	50 feet to north of Building 2
Single-family Residences	105 feet to the west
Single-family Residence	107 feet to the east
Single-family Residences	495 feet to the southwest
Project Site 2 (Wheat Street)	
Single-family Residences	40 feet to the west
Single-family Residences	40 feet to the south
Single-family Residences	470 feet to the northeast
Project Site 3 (Evans Road)	
Single-family Residence	1,130 feet to the west

1. Distances have been measured from nearby buildings to the boundary of the Project construction site.

Source: Google Earth, 2023.

3 REGULATORY SETTING

3.1 Federal

Federal Clean Air Act

Air quality is federally protected by the Federal Clean Air Act (FCAA) and its amendments. Under the FCAA, the United States Environmental Protection Agency (EPA) developed the primary and secondary National Ambient Air Quality Standards (NAAQS) for the criteria air pollutants including O_3, NO_2, CO, SO_2, PM_{10}, $PM_{2.5}$, and lead. Proposed projects in or near nonattainment areas could be subject to more stringent air-permitting requirements. The FCAA requires each state to prepare a State Implementation Plan to demonstrate how it will attain the NAAQS within the federally imposed deadlines.

The EPA can withhold certain transportation funds from states that fail to comply with the planning requirements of the FCAA. If a state fails to correct these planning deficiencies within two years of Federal notification, the EPA is required to develop a Federal implementation plan for the identified nonattainment area or areas. The provisions of 40 Code of Federal Regulations Parts 51 and 93 apply in all nonattainment and maintenance areas for transportation-related criteria pollutants for which the area is designated nonattainment or has a maintenance plan. Applicable NAAQS are summarized in Table 4: State and Federal Ambient Air Quality Standards.

3.2 State of California

California Air Resources Board

CARB administers the air quality policy in California. The California Ambient Air Quality Standards (CAAQS) were established in 1969 pursuant to the Mulford-Carrell Act. These standards, included with the NAAQS in Table 4, are generally more stringent and apply to more pollutants than the NAAQS. In addition to the criteria pollutants, CAAQS have been established for visibility reducing particulates, hydrogen sulfide, and sulfates.

The California Clean Air Act (CCAA), which was approved in 1988, requires that each local air district prepare and maintain an Air Quality Management Plan (AQMP) to achieve compliance with CAAQS. These AQMPs also serve as the basis for the preparation of the State Implementation Plan for meeting federal clean air standards for the State of California. Like the EPA, CARB also designates areas within California as either attainment or nonattainment for each criteria pollutant based on whether the CAAQS have been achieved. Under the CCAA, areas are designated as nonattainment for a pollutant if air quality data shows that a state standard for the pollutant was violated at least once during the previous three calendar years. Exceedances that are affected by highly irregular or infrequent events such as wildfires, volcanoes, etc. are not considered violations of a state standard, and are not used as a basis for designating areas as nonattainment. The applicable State standards are summarized in Table 4.

Table 3: State and Federal Ambient Air Quality Standards

Pollutant	Averaging Time	State Standards[1]	Federal Standards[2]
Ozone (O_3) [2, 5, 7]	8 Hour	0.070 ppm (137 µg/m³)	0.070 ppm
	1 Hour	0.09 ppm (180 µg/m³)	NA
Carbon Monoxide (CO)	8 Hour	9.0 ppm (10 mg/m³)	9 ppm (10 mg/m³)
	1 Hour	20 ppm (23 mg/m³)	35 ppm (40 mg/m³)
Nitrogen Dioxide (NO_2)	1 Hour	0.18 ppm (339 µg/m³)	0.10 ppm[11]
	Annual Arithmetic Mean	0.030 ppm (57 µg/m³)	0.053 ppm (100 µg/m³)
Sulfur Dioxide (SO_2) [8]	24 Hour	0.04 ppm (105 µg/m³)	0.14 ppm (365 µg/m³)
	1 Hour	0.25 ppm (655 µg/m³)	0.075 ppm (196 µg/m³)
	Annual Arithmetic Mean	NA	0.03 ppm (80 µg/m³)
Particulate Matter (PM_{10}) [1, 3, 6]	24-Hour	50 µg/m³	150 µg/m³
	Annual Arithmetic Mean	20 µg/m³	NA
Fine Particulate Matter ($PM_{2.5}$) [3, 4, 6, 9]	24-Hour	NA	35 µg/m³
	Annual Arithmetic Mean	12 µg/m³	9 µg/m³
Sulfates (SO_{4-2})	24 Hour	25 µg/m³	NA
Lead (Pb) [10, 11]	30-Day Average	1.5 µg/m³	NA
	Calendar Quarter	NA	1.5 µg/m³
	Rolling 3-Month Average	NA	0.15 µg/m³
Hydrogen Sulfide (H_2S)	1 Hour	0.03 ppm (42 µg/m³)	NA
Vinyl Chloride (C_2H_3Cl) [10]	24 Hour	0.01 ppm (26 µg/m³)	NA

ppm = parts per million; µg/m³ = micrograms per cubic meter; mg/m³ = milligrams per cubic meter; – = no information available.

Notes:

1. California standards for O_3, carbon monoxide (except Lake Tahoe), sulfur dioxide (1-hour and 24-hour), nitrogen dioxide, suspended particulate matter - PM_{10}, and visibility reducing particles are values that are not to be exceeded. The standards for sulfates, Lake Tahoe carbon monoxide, lead, hydrogen sulfide, and vinyl chloride are not to be equaled or exceeded. If the standard is for a 1-hour, 8-hour or 24-hour average (i.e., all standards except for lead and the PM_{10} annual standard), then some measurements may be excluded. Measurements are excluded that CARB determines would occur less than once per year on the average. The Lake Tahoe carbon monoxide standard is 6.0 ppm, a level one-half the national standard and two-thirds the State standard.
2. National standards shown are the "primary standards" designed to protect public health. National standards other than for O_3, particulates and those based on annual averages are not to be exceeded more than once a year. The 1-hour O_3 standard is attained if, during the most recent three-year period, the average number of days per year with maximum hourly concentrations above the standard is equal to or less than one. The 8-hour O_3 standard is attained when the 3-year average of the 4th highest daily concentrations is 0.070 ppm or less. The 24-hour PM_{10} standard is attained when the 3-year average of the 99th percentile of monitored concentrations is less than 150 µg/m$_3$. The 24-hour $PM_{2.5}$ standard is attained when the 3-year average of 98th percentiles is less than 35 µg/m³.
3. Except for the national particulate standards, annual standards are met if the annual average falls below the standard at every site. The national annual particulate standard for PM_{10} is met if the 3-year average falls below the standard at every site. The annual $PM_{2.5}$ standard is met if the 3-year average of annual averages spatially-averaged across officially designed clusters of sites falls below the standard. NAAQS are set by the EPA at levels determined to be protective of public health with an adequate margin of safety.
4. On October 1, 2015, the national 8-hour O_3 primary and secondary standards were lowered from 0.075 to 0.070 ppm. An area will meet the standard if the fourth-highest maximum daily 8-hour O_3 concentration per year, averaged over three years, is equal to or less than 0.070 ppm. EPA will make recommendations on attainment designations by October 1, 2016, and issue final designations October 1, 2017. Nonattainment areas will have until 2020 to late 2037 to meet the health standard, with attainment dates varying based on the O_3 level in the area.
5. The national 1-hour O_3 standard was revoked by the EPA on June 15, 2005.
6. In June 2002, CARB established new annual standards for $PM_{2.5}$ and PM_{10}.
7. The 8-hour California O_3 standard was approved by the CARB on April 28, 2005 and became effective on May 17, 2006.
8. On June 2, 2010, the EPA established a new 1-hour SO_2 standard, effective August 23, 2010, which is based on the 3-year average of the annual 99th percentile of 1-hour daily maximum concentrations. The existing 0.030 ppm annual and 0.14 ppm 24-hour SO_2 NAAQS however must continue to be used until one year following EPA initial designations of the new 1-hour SO_2 NAAQS.
9. In February 2024, EPA strengthened the annual PM2.5 NAAQS from 12.0 to 9.0 µg/m3. Areas designated “unclassifiable/attainment” must continue to take steps to prevent their air quality from deteriorating to unhealthy levels.
10. CARB has identified lead and vinyl chloride as ‘toxic air contaminants’ with no threshold level of exposure below which there are no adverse health effects determined.
11. National lead standards, rolling 3-month average: final rule signed October 15, 2008. Final designations effective December 31, 2011.

Source: South Coast Air Quality Management District, *Air Quality Management Plan*, 2016; California Air Resources Board, *Ambient Air Quality Standards*, May 2016.

3.3 Regional

South Coast Air Quality Management District

The SCAQMD is the air pollution control agency for Orange County and the urban portions of Los Angeles, Riverside, and San Bernardino Counties. The agency's primary responsibility is ensuring that state and federal ambient air quality standards are attained and maintained in the SCAB. The SCAQMD is also responsible for adopting and enforcing rules and regulations concerning air pollutant sources, issuing permits for stationary sources of air pollutants, inspecting stationary sources of air pollutants, responding to citizen complaints, monitoring ambient air quality and meteorological conditions, awarding grants to reduce motor vehicle emissions, conducting public education campaigns, and many other activities. All projects are subject to SCAQMD rules and regulations in effect at the time of construction.

The SCAQMD is also the lead agency in charge of developing the AQMP, with input from the Southern California Association of Governments (SCAG) and CARB. The AQMP is a comprehensive plan that includes control strategies for stationary and area sources, as well as for on-road and off-road mobile sources. SCAG has the primary responsibility for providing future growth projections and the development and implementation of transportation control measures. CARB, in coordination with federal agencies, provides the control element for mobile sources.

The 2016 AQMP was adopted by the SCAQMD Governing Board on March 3, 2017. The purpose of the AQMP is to set forth a comprehensive and integrated program that would lead the SCAB into compliance with the federal 24-hour $PM_{2.5}$ air quality standard, and to provide an update to the SCAQMD's commitments towards meeting the federal 8-hour O_3 standards. The AQMP incorporates the latest scientific and technological information and planning assumptions, including the *Regional Transportation Plan/Sustainable Communities Strategy* (RTP/SCS) and updated emission inventory methodologies for various source categories.

On October 1, 2015, the EPA strengthened the NAAQS for ground-level O_3. The 2022 AQMP, adopted by the SCAQMD Governing Board on December 2, 2022, was developed to address the requirements for meeting the 2015 8-hour O_3 standard. The 2022 AQMP builds upon measures already in place from previous AQMPs. It also includes a variety of additional strategies such as regulation, accelerated deployment of available cleaner technologies (e.g., zero emissions technologies, when cost-effective and feasible, and low NO_X technologies in other applications), best management practices, co-benefits from existing programs (e.g., climate and energy efficiency), incentives, and other FCAA measures to achieve the 2015 8-hour ozone standard. The 2022 AQMP incorporates the latest scientific and technological information and planning assumptions, including the *2020-2045 Regional Transportation Plan/Sustainable Communities Strategy* (RTP/SCS) and updated emission inventory methodologies for various source categories.

The SCAQMD has published the *CEQA Air Quality Handbook* (approved by the SCAQMD Governing Board in 1993 and augmented with guidance for Local Significance Thresholds [LST] in 2008). The SCAQMD guidance helps local government agencies and consultants to develop environmental documents required by California Environmental Quality Act (CEQA) and provides identification of suggested thresholds of significance for criteria pollutants for both construction and operation (see discussion of thresholds below). With the help of the *CEQA Air Quality Handbook* and associated guidance, local land use planners and consultants are able to analyze and document how proposed and existing projects affect air quality

in order to meet the requirements of the CEQA review process. The SCAQMD periodically provides supplemental guidance and updates to the handbook on their website.

The SCAG is the regional planning agency for Los Angeles, Orange, Ventura, Riverside, San Bernardino, and Imperial Counties and serves as a forum for regional issues relating to transportation, the economy, community development, and the environment. Under federal law, SCAG is designated as a Metropolitan Planning Organization and under State law as a Regional Transportation Planning Agency and a Council of Governments.

The state and federal attainment status designations for the SCAB are summarized in Table 5: South Coast Air Basin Attainment Status. The SCAB is currently designated as a nonattainment area with respect to the State O_3, PM_{10}, and $PM_{2.5}$ standards, as well as the national 8-hour O_3 and $PM_{2.5}$ standards. The SCAB is designated as attainment or unclassified for the remaining state and federal standards.

Table 4: South Coast Air Basin Attainment Status

Pollutant	State	Federal
Ozone (O_3) (1 Hour Standard)	Non-Attainment	Non-Attainment (Extreme)
Ozone (O_3) (8 Hour Standard)	Non-Attainment	Non-Attainment (Extreme)
Particulate Matter ($PM_{2.5}$) (24 Hour Standard)	–	Non-Attainment (Serious)
Particulate Matter ($PM_{2.5}$) (Annual Standard)	Non-Attainment	Non-Attainment (Serious)
Particulate Matter (PM_{10}) (24 Hour Standard)	Non-Attainment	Attainment (Maintenance)
Particulate Matter (PM_{10}) (Annual Standard)	Non-Attainment	–
Carbon Monoxide (CO) (1 Hour Standard)	Attainment	Attainment (Maintenance)
Carbon Monoxide (CO) (8 Hour Standard)	Attainment	Attainment (Maintenance)
Nitrogen Dioxide (NO_2) (1 Hour Standard)	Attainment	Unclassifiable/Attainment
Nitrogen Dioxide (NO_2) (Annual Standard)	Attainment	Attainment (Maintenance)
Sulfur Dioxide (SO_2) (1 Hour Standard)	Attainment	Unclassifiable/Attainment
Sulfur Dioxide (SO_2) (24 Hour Standard)	Attainment	–
Lead (Pb) (30 Day Standard)	–	Unclassifiable/Attainment
Lead (Pb) (3 Month Standard)	Attainment	–
Sulfates (SO_{4-2}) (24 Hour Standard)	Attainment	–
Hydrogen Sulfide (H_2S) (1 Hour Standard)	Unclassified	–

Source: South Coast Air Quality Management District, *Air Quality Management Plan*, 2022; United States Environmental Protection Agency, *Nonattainment Areas for Criteria Pollutants (Green Book)*, 2023.

The following is a list of SCAQMD rules that are required of construction activities associated with the Project:

- **Rule 402 (Nuisance)** – This rule prohibits the discharge from any source whatsoever such quantities of air contaminants or other material which cause injury, detriment, nuisance, or annoyance to any considerable number of persons or to the public, or which endanger the comfort, repose, health, or safety of any such persons or the public, or which cause, or have a natural tendency to cause, injury or damage to business or property. This rule does not apply to odors emanating from agricultural operations necessary for the growing of crops or the raising of fowl or animals.

- **Rule 403 (Fugitive Dust)** – This rule requires fugitive dust sources to implement best available control measures for all sources, and all forms of visible particulate matter are prohibited from crossing any property line. This rule is intended to reduce PM_{10} emissions from any transportation, handling, construction, or storage activity that has the potential to generate fugitive dust. PM_{10} suppression techniques are summarized below.

    a) Portions of a construction site to remain inactive longer than a period of three months will be seeded and watered until grass cover is grown or otherwise stabilized.

    b) All on-site roads will be paved as soon as feasible or watered periodically or chemically stabilized.

    c) All material transported off-site will be either sufficiently watered or securely covered to prevent excessive amounts of dust.

    d) The area disturbed by clearing, grading, earthmoving, or excavation operations will be minimized at all times.

    e) Where vehicles leave a construction site and enter adjacent public streets, the streets will be swept daily or washed down at the end of the work day to remove soil tracked onto the paved surface.

- **Rule 1113 (Architectural Coatings)** – This rule requires manufacturers, distributors, and end users of architectural and industrial maintenance coatings to reduce ROG emissions from the use of these coatings, primarily by placing limits on the ROG content of various coating categories.

- **SCAQMD Rule 1301 (General)** – This rule is intended to provide that pre-construction review requirements to ensure that new or relocated facilities do not interfere with progress in attainment of the NAAQS, while future economic growth within the SCAQMD is not unnecessarily restricted. The specific air quality goal is to achieve no net increases from new or modified permitted sources of nonattainment air contaminants or their precursors. Rule 1301 also limits emission increases of ammonia, and Ozone Depleting Compounds (ODCs) from new, modified or relocated facilities by requiring the use of Best Available Control Technology (BACT).

- **SCAQMD Rule 401 (Visible Emissions**) – A person shall not discharge into the atmosphere from any single source of emission whatsoever any air contaminant for a period or periods aggregating more than three minutes in any 1 hour that is as dark or darker in shade as that designated No. 1 on the Ringelmann Chart, as published by the U.S. Bureau of Mines.

- **Rule 2305 (Warehouse Indirect Source Rule)** - Rule 2305 was adopted by the SCAQMD Governing Board on May 7, 2021, to reduce NO_X and particulate matter emissions associated with warehouses and mobile sources attracted to warehouses. This rule applies to all existing and proposed warehouses over 100,000 square feet located in the SCAQMD. Rule 2305 requires warehouse operators to track annual vehicle miles traveled associated with truck trips to and from the warehouse. These trip miles are used to calculate the warehouses WAIRE (Warehouse Actions and Investments to Reduce Emissions) Points Compliance Obligation. WAIRE Points are earned based on emission reduction measures and warehouse operators are required to submit an annual WAIRE Report which includes truck trip data and emission reduction measures. Reduction strategies listed in the WAIRE menu include acquire zero emission (ZE) or near zero emission (NZE) trucks; require ZE/NZE truck visits; require ZE yard trucks; install on-site ZE charging/fueling infrastructure; install onsite energy systems; and install filtration systems in residences, schools, and other buildings in the adjacent community. Warehouse operators that do not earn a sufficient number of WAIRE points to satisfy the WAIRE Points Compliance Obligation would be required to pay a mitigation fee. Funds from the mitigation fee will be used to incentivize the purchase of cleaner trucks and charging/fueling infrastructure in communities nearby.

3.4 Local

City of Menifee General Plan

The City of Menifee General Plan contains the following goals and policies that address air quality:

Open Space & Conservation Element OSC-9: Air Quality

Goal: OSC-9: Reduced impacts to air quality at the local level by minimizing pollution and particulate matter.

Policies:

OCS-9.1: Meet state and federal clean air standards by minimizing particulate matter emissions from construction activities.

OCS-9.2: Buffer sensitive land uses, such as residences, schools, care facilities, and recreation areas from major air pollutant emission sources, including freeways, manufacturing, hazardous materials storage, wastewater treatment, and similar uses.

OCS-9.3: Comply with regional, state, and federal standards and programs for control of all airborne pollutants and noxious odors, regardless of source.

OCS-9.5: Comply with the mandatory requirements of Title 24 Part 1 of the California Building Standards Code (CALGreen) and Title 24 Part 6 Building and Energy Efficiency Standards.

City of Menifee Design Guidelines – Appendix A: Industrial Good Neighbor Policies[2]

According to the City's Design Guidelines, the purpose of the Good Neighbor Policies (Policies) is to provide local government and developers with ways to address environmental and neighborhood compatibility issues associated with permitting warehouse, logistics and distribution facilities. The Policies were designed to promote economic vitality and sustainability of businesses, while still protecting the general health, safety, and welfare of the public and sensitive receptors within the City of Menifee. Sensitive receptors include residential neighborhoods, schools, public parks, playgrounds, day care centers, nursing homes, hospitals, and other public places where residents are most likely to spend time.

The intent of the City of Menifee's Good Neighbor Policies, in siting new warehouse, logistics and distribution uses, include:

1. Minimize impacts to sensitive uses.
2. Protect public health, safety, and welfare by regulating the design, location, and operation of facilities.
3. Protect neighborhood character of adjacent communities.

The Policies apply to all new warehouse, logistics and distribution facilities ("industrial uses"), excluding pending applications that have been deemed complete as the effective day of this policy, that include any building larger than 100,000 square feet in size or any sized building with more than 10 loading bays (dock high). There are general performance standards, as well as site design, access and layout standards, signage and information standards, and environmental considerations, including air quality and noise and traffic.

[2] City of Menifee. (2022). *Design Guidelines*. Available at: https://www.cityofmenifee.us/DocumentCenter/View/14902/Design-Guidelines_Amended-March-2-2022?bidId= (accessed April 2024).

4 SIGNIFICANCE CRITERIA AND METHODOLOGY

4.1 Air Quality Thresholds

Based upon the criteria derived from State CEQA Guidelines Appendix G, a Project normally would have a significant effect on the environment and would require mitigation if it would meet any of the following criteria:

- Conflict with or obstruct implementation of the applicable air quality plan.
- Result in a cumulatively considerable net increase of any criteria pollutant for which the Project region is in nonattainment under an applicable state or federal ambient air quality standard.
- Expose sensitive receptors to substantial pollutant concentrations.
- Result in other emissions (such as those leading to odors) adversely affecting a substantial number of people.

SCAQMD Thresholds

The significance criteria established by SCAQMD may be relied upon to make the above determinations. According to the SCAQMD, an air quality impact is considered significant if the Project would violate any ambient air quality standard, contribute substantially to an existing or projected air quality violation, or expose sensitive receptors to substantial pollutant concentrations. The SCAQMD has established thresholds of significance for air quality during construction and operational activities of land use development projects, as shown in Table 6: South Coast Air Quality Management District Emissions Thresholds.

Table 5: South Coast Air Quality Management District Emissions Thresholds

Criteria Air Pollutants and Precursors	Maximum Pounds Per Day	
	Construction-Related	Operational-Related
Reactive Organic Gases (ROG)	75	55
Carbon Monoxide (CO)	550	550
Nitrogen Oxides (NO_X)	100	55
Sulfur Oxides (SO_X)	150	150
Coarse Particulates (PM_{10})	150	150
Fine Particulates ($PM_{2.5}$)	55	55

Source: South Coast Air Quality Management District, *South Coast AQMD Air Quality Significance Thresholds*, 2023.

Localized Carbon Monoxide

In addition to the daily thresholds listed above, development associated with the Project would also be subject to the ambient air quality standards. These are addressed though an analysis of localized CO impacts. The significance of localized impacts depends on whether ambient CO levels near the Project site are above state and federal CO standards (the more stringent California standards are 20 ppm for 1-hour and 9 ppm for 8-hour). The SCAB has been designated as attainment under the 1-hour and 8-hour standards.

Localized Significance Thresholds

In addition to the Carbon Monoxide (CO) hotspot analysis, the SCAQMD developed Local Significance Thresholds (LSTs) for emissions of NO_2, CO, PM_{10}, and $PM_{2.5}$ generated at new development sites (off-site mobile source emissions are not included in the LST analysis). LSTs represent the maximum emissions that can be generated at a project without expecting to cause or substantially contribute to an exceedance of the most stringent state or federal ambient air quality standards. LSTs are based on the ambient concentrations of that pollutant within the Project source receptor area (SRA), as demarcated by the SCAQMD, and the distance to the nearest sensitive receptor. LST analysis for construction is applicable for all projects that disturb 5 acres or less on a single day. The Project site is located within SCAQMD SRA 24.

Table 7: Local Significance Thresholds for Construction/Operations shows the LSTs associated with the 25-meter for a 1-acre, 2-acre, 4-acre, and 5-acre project in SRA 24. Because the nearest sensitive receptors are single family residences located approximately 50 feet (15 meters) to the east of the Project site 1 (Corsica Lane) and 40 feet (12 meters) to the west of the Project site 2 (Wheat Street), the thresholds for distances of 25 meters or less are listed below (per SCAQMD guidance).

Table 6: Local Significance Thresholds for Construction/Operations

Project Size	Maximum Pounds Per Day			
	NO_X	CO	PM_{10}	$PM_{2.5}$
1 Acre	118/118	602/602	4/1	3/1
2 Acres	170/170	883/883	7/2	4/1
4 Acres	237/237	1,346/1,346	11/3	7/2
5 Acres	270/270	1,577/1,577	13/4	8/2

NO_X = Nitrogen Oxides; CO = Carbon Monoxide; PM_{10} = Particulate Matter 10 microns in diameter or less; $PM_{2.5}$ = Particulate Matter 2.5 microns in diameter or less

Source: South Coast Air Quality Management District, *Localized Significance Threshold Methodology,* July 2008.

LSTs associated with different acreage categories are provided in Table 7 for informational purposes. Table 7 shows that the LSTs increase as acreages increase. It should be noted that LSTs are screening thresholds and are therefore conservative. The construction LST acreage is determined based on daily acreage disturbed. The operational LST acreage is based on the total area of the project site. Although the project site is greater than five acres, the 5-acre operational LSTs are conservatively used to evaluate the Project.

4.2 Methodology

This air quality impact analysis considers construction and operational impacts associated with the Project. Where criteria air pollutant quantification was required, emissions were modeled using the California Emissions Estimator Model version 2022.1 (CalEEMod). CalEEMod is a Statewide land use emissions computer model designed to quantify potential criteria pollutant emissions associated with both construction and operations from a variety of land use projects. Air quality impacts were assessed according to methodologies recommended by CARB and the SCAQMD.

Construction equipment, trucks, worker vehicles, and ground-disturbing activities associated with Project construction would generate emissions of criteria air pollutants and precursors. Daily regional construction emissions are estimated by assuming construction occurs at the earliest feasible date (i.e., a conservative estimate of construction activities) and applying off-road, fugitive dust, and on-road emissions factors in CalEEMod.

Project operations would result in emissions of area sources (consumer products, architectural coating, and landscape equipment), energy sources (natural gas usage), mobile sources (motor vehicles from Project generated vehicle trips), and off-road equipment. Project-generated increases in operational emissions would be predominantly associated with motor vehicle use. Emissions from each of these categories are discussed below.

- **Area Sources.** Area source emissions would be generated due to consumer products, on-site equipment, architectural coating, and landscaping that were previously not present on the site. Consumer products are various solvents used in non-industrial applications, which emit VOCs during product use. These typically include cleaning supplies, kitchen aerosols, cosmetics, and toiletries. It should be noted that the default area source VOC emission factor developed for CalEEMod is based on a statewide factor and is not applicable to the Project. The entire Project would not use consumer products as specified by the CalEEMod user guide. The warehouse includes office space and may have small kitchen areas and bathrooms that would use cleaning products, however the majority of the square footage for all three Project sites would be used for warehousing/distribution. Negligible quantities of personal care products, home, lawn, and garden products, disinfectants, sanitizers, polishes, cosmetics, and floor finishes would be used. As the CalEEMod consumer product rates are based on a statewide average, ROG emissions are likely overestimated for the proposed warehouse Project and therefore conservative.

- **Energy Sources.** Energy source emissions are typically generated due to electricity and natural gas consumption the use of miscellaneous warehouse equipment, space heating and cooling, water heating, ventilation, lighting, appliances, and electronics. Energy source emissions were calculated in CalEEMod.

- **Mobile Sources.** Mobile sources are emissions from motor vehicles, including tailpipe and evaporative emissions. Depending upon the pollutant being discussed, the potential air quality impact may be of either regional or local concern. For example, ROG, NO_X, PM_{10}, and $PM_{2.5}$ are all pollutants of regional concern. NO_X and ROG react with sunlight to form O_3, known as photochemical smog. Additionally, wind currents readily transport PM_{10} and $PM_{2.5}$. However, CO tends to be a localized pollutant, dispersing rapidly at the source.

  Project-generated vehicle emissions are conservatively based on trip generation rates for warehousing (ITE Code 150) and are incorporated into CalEEMod as recommended by the SCAQMD. The following Project trip generations utilized in this report is based on the following Institute of Transportation Engineers (ITE) land use categories:

  - Site 1 (Corsica Lane): ITE Land Use 150, Warehousing (265.821 thousand square feet, 455 total daily vehicle trips, which include 123 truck trips).

  - Site 2 (Wheat Street): ITE Land Use 150, Warehousing (86.676 thousand square feet, 148 total daily vehicle trips, which include 40 truck trips).

  - Site 3 (Evans Road): ITE Land Use 150, Warehousing (137.896 thousand square feet, 236 total daily vehicle trips, which include 64 truck trips).

Warehouse truck mix percentages are based on the SCAQMD Truck Trip Generation Study applied to ITE truck percentages. Mobile source emissions rates in CalEEMod utilize EMFAC2021 emissions rates consistent with the methodology described in the CalEEMod *User's Guide (Appendix A, Section 5.2*)[3]. It should be noted that EMFAC2021 emissions rates include CARB SAFE Rule adjustment factors.[4]

- **Off-Road Equipment.** Operational off-road emissions would be generated by off-road cargo handling equipment used during operational activities. For this Project it was assumed that the warehouses in total would include approximately 10 electric forklifts (five for Site 1, two for Site 2, and three for Site 3) and two off-highway electric trucks (one for Site 1 and one for Site 2) for loading and unloading goods per the SCAQMD *High Cube Warehouse Truck Trip Study White Paper.*[5] It should be noted that the Project Site 1 and Project Site 2 do not include cold storage and Project Site 3 includes refrigeration for 25 percent of the total warehouse building area (i.e. 32,974 sqft). Therefore, this analysis models Site 1 and Site 2 as unrefrigerated and Site 3 as 25-percent refrigerated, and the Project would include emissions from transport refrigeration units (TRUs) only for Site 3.

- **Emergency Backup Generators**. As the Project warehouse is speculative, it is unknown whether emergency backup generators would be used. Backup generators would only be used in the event of a power failure and would not be part of the Project's normal daily operations. Nonetheless, emissions associated with this equipment were included to be conservative. Emissions from emergency backup generators for each site (three generators for Site 1, one generator for Site 2, and two generators for Site 3) were calculated separately from CalEEMod; refer to Appendix A. However, CalEEMod default emissions rates were used. If backup generators are required, the end user would be required to obtain a permit from the SCAQMD prior to installation. Emergency backup generators must meet SCAQMD's Best Available Control Technology (BACT) requirements and comply with SCAQMD Rule 1470 (Requirements for Stationary Diesel-Fueled Internal Combustion and Other Compression Ignition Engines), which would minimize emissions.

As discussed above, the SCAQMD provides significance thresholds for emissions associated with proposed Project construction and operations. The proposed Project's construction and operational emissions are compared to the daily criteria pollutant emissions significance thresholds in order to determine the significance of a Project's impact on regional air quality.

The localized effects from the Project's on-site emissions were evaluated in accordance with the SCAQMD's LST methodology, which uses on-site mass emissions rate look-up tables and Project-specific modeling. LSTs represent the maximum emissions from a project that are not expected to cause or contribute to an exceedance of the most stringent applicable federal or state ambient air quality standards and are developed based on the ambient concentrations of that pollutant for each source receptor area and distance to the nearest sensitive receptor.

According to the SCAQMD LST methodology, LSTs would apply to the operational phase of a project only if it includes area sources or attracts mobile sources that may spend long periods queuing and idling at the site (e.g., warehouse or transfer facilities). However, the CalEEMod model outputs do not separate

[3] California Air Pollution Control Officers Association (CAPCOA), *CalEEMod User Guide Appendix A: Calculation Details, Section 5.2 Methodology for Converting EMFAC2017 Emission Rates into CalEEMod Vehicle Emission Factors*, May 2021.
[4] California Air Resources Board, *EMFAC2021 Volume III Technical Document*, March 21, 2021.
[5] SCAQMD, *High Cube Warehouse Truck Trip Study White Paper Summary of Business Survey Results*, June 2014.

on- and off-site emissions for mobile sources. On-site mobile emissions equate to approximately three percent for Site 1 and Site 2 of the Project-related new mobile sources and approximately one percent for Site 3 new mobile sources. For Site 1 and Site 2, the on-site one-way trip length is conservatively assumed to be 1-mile, which is approximately three percent of the 33.2-mile truck trip length modeled in CalEEMod. For Site 3, the on-site one-way trip length is conservatively anticipated to be 0.3-mile, which is approximately one percent of the 33.2-mile truck trip length modeled in CalEEMod.

5 POTENTIAL IMPACTS AND MITIGATION

5.1 Air Quality Analysis

Threshold 5.1 Would the Project conflict with or obstruct implementation of the applicable air quality plan?

As part of its enforcement responsibilities, the EPA requires each state with nonattainment areas to prepare and submit a State Implementation Plan that demonstrates the means to attain the federal standards. The State Implementation Plan must integrate federal, state, and local plan components and regulations to identify specific measures to reduce pollution in nonattainment areas, using a combination of performance standards and market-based programs. Similarly, under State law, the CCAA requires an air quality attainment plan to be prepared for areas designated as nonattainment regarding the state and federal ambient air quality standards. Air quality attainment plans outline emissions limits and control measures to achieve and maintain these standards by the earliest practical date.

The Project is located within the SCAB, which is under the jurisdiction of the SCAQMD. The SCAQMD is required, pursuant to the FCAA, to reduce emissions of criteria pollutants for which the SCAB is in nonattainment. To reduce such emissions, the SCAQMD drafted the 2016 and 2022 AQMPs (AQMPs). The AQMPs establish a program of rules and regulations directed at reducing air pollutant emissions and achieving state (California) and national air quality standards. The AQMPs are a regional and multi-agency effort including the SCAQMD, the CARB, the SCAG, and the EPA. The pollutant control strategies in the AQMPs are based on the latest scientific and technical information and planning assumptions, including SCAG's 2016 RTP/SCS, updated emission inventory methodologies for various source categories, and SCAG's latest growth forecasts. SCAG's latest growth forecasts were defined in consultation with local governments and with reference to local general plans. The Project is subject to the SCAQMD's AQMPs.

Criteria for determining consistency with the AQMPs are defined by the following indicators:

- **Consistency Criterion No. 1**: The Project will not result in an increase in the frequency or severity of existing air quality violations, or cause or contribute to new violations, or delay the timely attainment of air quality standards or the interim emissions reductions specified in the AQMPs.
- **Consistency Criterion No. 2**: The Project will not exceed the assumptions in the AQMPs or increments based on the years of the Project build-out phase.

According to the SCAQMD's *CEQA Air Quality Handbook*, the purpose of the consistency finding is to determine if a project is inconsistent with the assumptions and objectives of the regional air quality plans, and thus if it would interfere with the region's ability to comply with CAAQS and NAAQS.

The violations to which Consistency Criterion No. 1 refers are CAAQS and NAAQS. As shown in Table 8, the proposed Project would not exceed construction emission standards with implementation of Mitigation Measure (**MM**) **AQ-1, MM AQ-2, and MM AQ-5**. Furthermore, mitigated operational emissions would not exceed the operational standards with implementation of **MM AQ-3** and **MM AQ-4** as seen in Table 10. Thus, the Project is consistent with the first criterion.

Concerning Consistency Criterion No. 2, the AQMPs contain air pollutant reduction strategies based on SCAG's latest growth forecasts, and SCAG's growth forecasts were defined in consultation with local governments and with reference to local general plans.

The project site's existing land use designation is Economic Development Corridor (EDC) – Northern Gateway and is zoned Economic Development Corridor-Northern Gateway (EDC-NG). The Project's proposed land uses would be consistent with the approved land use and zoning designations. Therefore, the Project would be compliant with the Menifee North Specific Plan and City's Zoning Code. Furthermore, the Project will also be designed to be consistent with all applicable planning policies and design standards as set forth within the Menifee Municipal Code and the City's Industrial Good Neighbor Policies.

The AQMPs contain air pollutant reduction strategies based on SCAG's latest growth forecasts, and SCAG's growth forecasts were defined in consultation with local governments and with reference to local general plans. The Project would not result in a change of land use designations reflected in the AQMPs. Therefore, the Project is assumed to be consistent with the AQMPs regional emissions inventory for the SCAB. Thus, the Project is consistent with the second criterion.

It is also noted that future tenant(s) of the Project site would also be required to comply SCAQMD Rule 2305 (refer to South Coast Air Quality Management District under Section 3.3 Regulatory Setting) which would directly reduce NO_X and particulate matter emissions.

As discussed above, the Project would not conflict with or obstruct implementation of the AQMPs or any applicable air quality plan. A less than significant impact would occur in this regard.

Mitigation Measures: Mitigation Measures **MM AQ-1** through **MM AQ-5** (refer to Impact Threshold 5.2, below).

Level of Significance: Less than significant impact with mitigation incorporated.

Threshold 5.2 Would the Project result in a cumulatively considerable net increase of any criteria pollutant for which the Project region is non-attainment under an applicable state or federal ambient air quality standard?

Construction Emissions

Construction associated with the Project would generate short-term emissions of criteria air pollutants. The criteria pollutants of primary concern within the Project area include O_3-precursor pollutants (i.e., ROG and NO_X) and PM_{10} and $PM_{2.5}$. Construction-generated emissions are short term and of temporary duration, lasting only as long as construction activities occur, but would be considered a significant air quality impact if the volume of pollutants generated exceeds the SCAQMD's thresholds of significance.

Construction results in the temporary generation of emissions resulting from site grading, road paving, motor vehicle exhaust associated with construction equipment and worker trips, and the movement of construction equipment, especially on unpaved surfaces. Emissions of airborne particulate matter are largely dependent on the amount of ground disturbance associated with site preparation activities as well as weather conditions and the appropriate application of water.

Project Site 1, Project Site 2, and Project Site 3 construction is anticipated to begin in mid-2024 and is estimated to be completed within approximately nine months. Construction-generated emissions associated with Site 1, Site 2, and Site 3 were calculated using the CARB-approved CalEEMod computer program. See Appendix A: Air Quality Modeling Data for more information regarding the construction

assumptions used in this analysis. Predicted maximum daily construction-generated emissions for the Project are summarized in Table 8: Construction-Related Emissions. It is noted that due to technology improvements for construction equipment, emissions from Project construction activities would likely be lower than those shown in Table 8 if construction were to occur in later years.

Table 7: Construction-Related Emissions

Construction Year	Emissions (Maximum Pounds Per Day)[1]					
	ROG	NO_X	CO	SO_2	PM_{10}	$PM_{2.5}$
Project Site 1 (Corsica Lane)[2]						
Unmitigated Emissions						
Year 2024	43.78	36.04	34.39	0.06	6.94	4.15
Year 2025	43.76	0.99	2.43	0.00	0.32	0.09
SCAQMD Threshold	*75*	*100*	*550*	*150*	*150*	55
Exceed SCAQMD Threshold?	**No**	**No**	**No**	**No**	**No**	**No**
Mitigated Emissions[3]						
Year 2024	11.01	5.06	34.39	0.06	5.44	2.78
Year 2025	10.99	0.99	2.43	0.00	0.32	0.09
SCAQMD Threshold	*75*	*100*	*550*	*150*	*150*	*55*
Exceed SCAQMD Threshold?	**No**	**No**	**No**	**No**	**No**	**No**
Project Site 2 (Wheat Street)						
Unmitigated Emissions						
Year 2024	14.36	36.04	34.39	0.05	6.94	4.15
Year 2025	14.35	0.92	1.55	0.00	0.12	0.05
SCAQMD Threshold	*75*	*100*	*550*	*150*	*150*	55
Exceed SCAQMD Threshold?	**No**	**No**	**No**	**No**	**No**	**No**
Mitigated Emissions[3]						
Year 2024	3.64	3.55	29.77	0.05	5.44	2.78
Year 2025	3.63	0.92	1.55	0.00	0.12	0.05
SCAQMD Threshold	*75*	*100*	*550*	*150*	*150*	55
Exceed SCAQMD Threshold?	**No**	**No**	**No**	**No**	**No**	**No**
Project Site 3 (Evans Road)						
Unmitigated Emissions						
Year 2024	22.82	36.04	34.39	0.05	6.94	4.15
Year 2025	22.81	0.94	1.81	0.00	0.18	0.06
SCAQMD Threshold	*75*	*100*	*550*	*150*	*150*	55
Exceed SCAQMD Threshold?	**No**	**No**	**No**	**No**	**No**	**No**
Mitigated Emissions[3]						
Year 2024	4.59	3.99	29.77	0.05	5.44	2.78
Year 2025	4.57	0.94	1.81	0.00	0.18	0.06
SCAQMD Threshold	*75*	*100*	*550*	*150*	*150*	55
Exceed SCAQMD Threshold?	**No**	**No**	**No**	**No**	**No**	**No**

Table 7: Construction-Related Emissions						
Construction Year	**Emissions (Maximum Pounds Per Day)[1]**					
	ROG	**NO_X**	**CO**	**SO_2**	**PM_{10}**	**$PM_{2.5}$**
Total Project Construction Emissions						
Unmitigated Emissions						
Year 2024	80.96	108.12	103.17	0.16	20.82	12.45
Year 2025	80.92	2.85	5.79	0	0.62	0.2
SCAQMD Threshold	*75*	*100*	*550*	*150*	*150*	55
Exceed SCAQMD Threshold?	**Yes**	**Yes**	**No**	**No**	**No**	**No**
Mitigated Emissions[3]						
Year 2024	19.24	12.6	93.93	0.16	16.32	8.34
Year 2025	19.19	2.85	5.79	0	0.62	0.2
SCAQMD Threshold	*75*	*100*	*550*	*150*	*150*	55
Exceed SCAQMD Threshold?	**No**	**No**	**No**	**No**	**No**	**No**

ROG = Reactive Organic Gases; NO_X = Nitrogen Oxides; CO = Carbon Monoxide; SO_2 = Sulfur Dioxide; PM_{10} = Particulate Matter 10 microns in diameter or less; $PM_{2.5}$ = Particulate Matter 2.5 microns in diameter or less

1. SCAQMD Rule 403 Fugitive Dust applied. The Rule 403 reduction/credits include the following: properly maintain mobile and other construction equipment; water exposed surfaces three times daily; and limit speeds on unpaved roads to 15 miles per hour. Reductions percentages from the SCAQMD CEQA Handbook (Tables XI-A through XI-E) were applied. Refer to Appendix A for Model Data Outputs.
2. Project Site 1 emissions are based on the previous version of the Project identified in the NOP. The previous version was 30,900 SF larger and included 3 buildings. To be conservative, emissions from the larger version of Project Site 1 are analyzed in this Air Quality Assessment
3. Mitigation includes the incorporation of **MM AQ-1** through **MM AQ-3**. **MM AQ-1** requires dust control and exhaust measures including requiring off-road equipment 50 horsepower or greater to meet CARB Tier 4 Final standards; **MM AQ-2** requires the use of low VOC paints; and **MM AQ-3** prohibits heavy construction equipment for idling more than three minutes.

Source: CalEEMod version 2022.1. Refer to Appendix A for model outputs.

Table 8 shows that unmitigated total construction emissions would exceed the SCAQMD threshold for ROG (VOC) and NO_X. Most ROG emissions are generated during the architectural coating phase of construction and the majority of NO_X emissions occur from construction equipment exhaust. **MM AQ-1** requires fugitive dust control measures and requires various exhaust reduction measures including requiring off-road construction equipment greater than 50 horsepower to meet CARB Tier 4 Final emissions. **MM AQ-2** requires the Project to use low VOC paints. **MM AQ-3** prohibits heavy construction equipment for idling more than three minutes and prohibits from being in the "on" position for more than 10 hours per day. With implementation of **MM AQ-1** through **MM AQ-3** total construction ROG and NO_X emissions would be below the SCAQMD's thresholds, and impacts would be less than significant.

Operational Emissions

Unmitigated Operational Emissions

Project-generated emissions would be primarily associated with motor vehicle use and area sources, such as the use of landscape maintenance equipment and architectural coatings. Long-term operational emissions attributable to the Project are summarized in Table 9: Unmitigated Operational Emissions. Table 9 shows that Project unmitigated emissions would exceed SCAQMD thresholds for NO_X. Therefore, regional operations unmitigated emissions would result in a potentially significant long-term regional air quality impact.

Table 8: Unmitigated Operational Emissions						
Source	**Maximum Pounds Per Day**					
	ROG	**NO_X**	**CO**	**SO_2**	**PM_{10}**	**$PM_{2.5}$**
Project Site 1 (Corsica Lane)[1]						
Area Source Emissions	7.94	0.10	11.53	0.00	0.02	0.02
Energy Emissions	0.08	1.38	1.16	0.01	0.11	0.11
Mobile – Trucks	0.28	12.32	2.84	0.11	3.75	1.14
Mobile – Passenger Cars	1.46	1.67	25.33	0.06	6.04	1.55
Off-Road – Forklifts	0.68	9.85	107.59	0.01	0.25	0.12
Off-Road – Yard truck	0.20	1.77	1.98	0.00	0.08	0.08
Back-up Generators	2.70	7.54	6.88	0.01	0.40	0.40
Total Emissions	**13.54**	**36.41**	**159.29**	**0.21**	**10.74**	**3.49**
SCAQMD Threshold	***55***	***55***	***550***	***150***	***150***	***55***
Exceeds Threshold?	**No**	**No**	**No**	**No**	**No**	**No**
Project Site 2 (Wheat Street)						
Area Source Emissions	2.60	0.03	3.77	0.00	0.01	0.01
Energy Emissions	0.03	0.47	0.39	0.00	0.04	0.04
Mobile – Trucks	0.09	4.00	0.93	0.04	1.22	0.37
Mobile – Passenger Cars	0.47	0.54	8.24	0.02	1.97	0.50
Off-Road – Forklifts	0.27	3.94	43.04	0.00	0.10	0.05
Off-Road – Yard Trucks	0.00	0.00	0.00	0.00	0.00	0.00
Back-up Generators	0.90	2.51	2.29	0.00	0.13	0.13
Total Emissions	**4.36**	**11.49**	**58.66**	**0.06**	**3.47**	**1.1**
SCAQMD Threshold	***55***	***55***	***550***	***150***	***150***	***55***
Exceeds Threshold?	**No**	**No**	**No**	**No**	**No**	**No**
Project Site 3 (Evans Road)						
Area Source Emissions	4.13	0.05	6.00	0.00	0.01	0.01
Energy Emissions	0.04	0.79	0.66	0.00	0.06	0.06
Mobile – Trucks	0.11	4.96	1.15	0.04	1.51	0.46
Mobile – Passenger Cars	0.63	0.56	8.19	0.02	1.86	0.48
Off-Road – Forklifts	0.41	5.91	64.56	0.01	0.15	0.07
Off-Road – Yard Trucks	0.20	1.77	1.98	0.00	0.08	0.08
Back-up Generators	3.38	9.42	8.60	0.02	0.50	0.50
Transport Refrigeration Units (TRU)	4.07	3.41	0.46	0.00	0.09	0.08
Total Emissions	**13.17**	**28.65**	**93.58**	**0.1**	**4.35**	**1.81**
SCAQMD Threshold	***55***	***55***	***550***	***150***	***150***	***55***
Exceeds Threshold?	**No**	**No**	**No**	**No**	**No**	**No**

Table 8: Unmitigated Operational Emissions						
Source	**Maximum Pounds Per Day**					
	ROG	**NO_X**	**CO**	**SO_2**	**PM_{10}**	**$PM_{2.5}$**
Total Project Operational Emissions						
Area Source Emissions	14.67	0.18	21.3	0	0.04	0.04
Energy Emissions	0.15	2.64	2.21	0.01	0.21	0.21
Mobile – Trucks	0.48	21.28	4.92	0.19	6.48	1.97
Mobile – Passenger Cars	2.56	2.77	41.76	0.1	9.87	2.53
Off-Road – Forklifts	1.36	19.7	215.19	0.02	0.5	0.24
Off-Road – Yard Trucks	0.4	3.54	3.96	0	0.16	0.16
Back-up Generators	6.98	19.47	17.77	0.03	1.03	1.03
Transport Refrigeration Units (TRU)	4.07	3.41	0.46	0	0.09	0.08
Total Emissions	**30.67**	**72.99**	**307.57**	**0.35**	**18.38**	**6.26**
SCAQMD Threshold	***55***	***55***	***550***	***150***	***150***	***55***
Exceeds Threshold?	**No**	**Yes**	**No**	**No**	**No**	**No**
ROG = Reactive Organic Gases; NO_X = Nitrogen Oxides; CO = Carbon Monoxide; SO_2 = Sulfur Dioxide; PM_{10} = Particulate Matter 10 microns in diameter or less; $PM_{2.5}$ = Particulate Matter 2.5 microns in diameter or less						
Notes: 1. Project Site 1 emissions are based on the previous version of the Project identified in the NOP. The previous version was 30,900 SF larger and included 3 buildings. To be conservative, emissions from the larger version of Project Site 1 are analyzed in this Air Quality Assessment.						
Source: CalEEMod version 2022.1. Refer to Appendix A for model outputs.						

Mitigated Operational Emissions

Table 9 shows that unmitigated operational emissions would exceed the SCAQMD thresholds for NO_X. As noted above, the majority of NO_X, PM_{10}, and $PM_{2.5}$ emissions are from mobile sources and on-site cargo handling equipment (i.e., forklifts and yard trucks). Mitigation measures would be required to reduce emissions to the maximum extent feasible. It is noted that motor vehicle engine emissions are controlled by State and Federal standards and the Project has no control over these standards.

Implementation of **MM AQ-4** and **MM AQ-5** would reduce the Project's operational emissions by utilizing using all-electric cargo handling equipment and appropriate signage for on-site circulation and limiting idling emissions. Additional emissions reductions would result through the implementation of **MM GHG-1** through **MM GHG-6** from the *Compass Northern Gateway Project Greenhouse Gas Emissions Assessment* (Kimley-Horn, 2023) (Project GHG Assessment) which includes the implementation of installation of solar photovoltaic (PV) panels, a Transportation Demand Management (TDM program), providing incentives for emissions reduction programs and implementation measures for tenants, EV infrastructure for employee parking, diversion of 75 percent of landfill waste, providing electrical hookups for future electric trucks, and prohibiting the use of natural gas.

Furthermore, Plans, Policies, and Programs (PPP)-4 through PPP-8 would reduce operational emissions by requiring water efficient landscaping, energy efficient building, compliance with SCAQMD Rule 2305, and providing shade trees in parking areas. In addition, the building would be designed to accommodate EV automobiles and trucks to facilitate the state's clean truck rules and regulations aiming to accelerate the utilization and market penetration of ZE and NZE trucks. Emissions reductions from these regulations were conservatively not accounted for in the modeled emissions presented in this analysis.

Table 10: Mitigated Operational Emissions shows that with implementation of mitigation measures, all criteria pollutant emissions would be below SCAQMD thresholds. Therefore, Project operational impacts would be less than significant with mitigation incorporated.

Table 9: Mitigated Operational Emissions

Source	Maximum Pounds Per Day					
	ROG	NO_X	CO	SO_2	PM_{10}	$PM_{2.5}$
Project Site 1 (Corsica Lane)[1]						
Area Source Emissions	6.05	0.00	0.00	0.00	0.00	0.00
Energy Emissions[1]	0.08	1.38	1.16	0.01	0.11	0.11
Mobile – Trucks	0.28	12.32	2.84	0.11	3.75	1.14
Mobile – Passenger Cars	1.46	1.67	25.33	0.06	6.04	1.55
Off-Road – Forklifts[3]	0.00	0.00	0.00	0.00	0.00	0.00
Off-Road – Yard Truck[3]	0.00	0.00	0.00	0.00	0.00	0.00
Back-up Generators	2.70	7.54	6.88	0.01	0.40	0.40
Total Emissions	**10.57**	**22.91**	**36.21**	**0.19**	**10.33**	**3.20**
SCAQMD Threshold	***55***	***55***	***550***	***150***	***150***	***55***
Exceeds Threshold?	**No**	**No**	**No**	**No**	**No**	**No**
Project Site 2 (Wheat Street)						
Area Source Emissions[2]	1.98	0.00	0.00	0.00	0.00	0.00
Energy Emissions	0.03	0.47	0.39	0.00	0.04	0.04
Mobile – Trucks	0.09	4.00	0.93	0.04	1.22	0.37
Mobile – Passenger Cars	0.47	0.54	8.24	0.02	1.97	0.50
Off-Road – Forklifts[3]	0.00	0.00	0.00	0.00	0.00	0.00
Off-Road – Yard Truck[3]	0.00	0.00	0.00	0.00	0.00	0.00
Back-up Generators	0.90	2.51	2.29	0.00	0.13	0.13
Total Emissions	**3.47**	**7.52**	**11.85**	**0.06**	**3.36**	**1.04**
SCAQMD Threshold	***55***	***55***	***550***	***150***	***150***	***55***
Exceeds Threshold?	**No**	**No**	**No**	**No**	**No**	**No**
Project Site 3 (Evans Road)						
Area Source Emissions[2]	3.15	0.00	0.00	0.00	0.00	0.00
Energy Emissions	0.04	0.79	0.66	0.00	0.06	0.06
Mobile – Trucks	0.11	4.96	1.15	0.04	1.51	0.46
Mobile – Passenger Cars	0.63	0.56	8.19	0.02	1.86	0.48
Off-Road – Forklifts[3]	0.00	0.00	0.00	0.00	0.00	0.00
Off-Road – Yard Truck[3]	0.00	0.00	0.00	0.00	0.00	0.00
Back-up Generators	3.38	9.42	8.60	0.02	0.50	0.50
Transport Refrigeration Units (TRU)	4.07	3.41	0.46	0.00	0.09	0.08
Total Emissions	**11.38**	**19.14**	**19.06**	**0.08**	**4.02**	**1.58**
SCAQMD Threshold	***55***	***55***	***550***	***150***	***150***	***55***
Exceeds Threshold?	**No**	**No**	**No**	**No**	**No**	**No**

Table 9: Mitigated Operational Emissions						
Source	**Maximum Pounds Per Day**					
	ROG	**NO_X**	**CO**	**SO_2**	**PM_{10}**	**$PM_{2.5}$**
Total Project Operational Emissions						
Area Source Emissions[2]	11.18	0.00	0.00	0.00	0.00	0.00
Energy Emissions	0.15	2.64	2.21	0.01	0.21	0.21
Mobile – Trucks	0.48	21.28	4.92	0.19	6.48	1.97
Mobile – Passenger Cars	2.56	2.77	41.76	0.1	9.87	2.53
Off-Road – Forklifts[3]	0	0	0	0	0	0
Off-Road – Yard Trucks[3]	0	0	0	0	0	0
Back-up Generators	6.98	19.47	17.77	0.03	1.03	1.03
Transport Refrigeration Units (TRU)	4.07	3.41	0.46	0	0.09	0.08
Total Emissions	**25.42**	**49.57**	**67.12**	**0.33**	**17.68**	**5.82**
SCAQMD Threshold	***55***	***55***	***550***	***150***	***150***	***55***
Exceeds Threshold?	**No**	**No**	**No**	**No**	**No**	**No**

ROG = Reactive Organic Gases; NO_X = Nitrogen Oxides; CO = Carbon Monoxide; SO_2 = Sulfur Dioxide; PM_{10} = Particulate Matter 10 microns in diameter or less; $PM_{2.5}$ = Particulate Matter 2.5 microns in diameter or less

Notes:
1. Project Site 1 emissions are based on the previous version of the Project identified in the NOP. The previous version was 30,900 SF larger and included 3 buildings. To be conservative, emissions from the larger version of Project Site 1 are analyzed in this EIR.
2. **MM GHG-6** requires electric landscape equipment
3. **MM AQ-4** requires zero emission operational cargo handling equipment.

Source: CalEEMod version 2022.1. Refer to Appendix A for model outputs.

It is noted that **MMs AQ-4** and **GHG-6** are the only quantifiable mitigation measures that would reduce the Project's operational air emissions and are reflected in Table 10. Additionally, SCAQMD Rule 2305 requires the Project operator to directly reduce NO_X and particulate matter emissions or otherwise facilitate emission and exposure reductions of these pollutants in nearby communities. Alternatively, warehouse operators can choose to pay a mitigation fee. Funds from the mitigation fee will be used to incentivize the purchase of cleaner trucks and charging/fueling infrastructure in communities nearby. Warehouse owners and operators are required to earn Warehouse Actions and Investments to Reduce Emissions (WAIRE) Points each year. WAIRE points are a menu-based system earned by emission reduction measures. Warehouse operators are required to submit an annual WAIRE Report which includes truck trip data and emission reduction measures. WAIRE points can be earned by completing actions from a menu that can include acquiring and using natural gas, Near-Zero Emissions and/or Zero-Emissions on-road trucks, zero-emission cargo handling equipment, solar panels or zero-emission charging and fueling infrastructure, or other options. Therefore, the Project operator would likely be required to implement additional emission reduction strategies in compliance with SCAQMD Rule 2305. Conservatively, this analysis does not take credit for these potential reductions. Compliance with Rule 2305 likely would reduce emissions below what is currently analyzed.

Cumulative Short-Term Emissions

The SCAB is designated nonattainment for O_3, PM_{10}, and $PM_{2.5}$ for State standards and nonattainment for O_3 and $PM_{2.5}$ for Federal standards. Appendix D of the SCAQMD *White Paper on Potential Control Strategies to Address Cumulative Impacts from Air Pollution* (2003) notes that projects that result in emissions that do not exceed the project-specific SCAQMD regional thresholds of significance should result in a less than significant impact on a cumulative basis unless there is other pertinent information to the contrary. Therefore, if a project is estimated to result in emissions that do not exceed the thresholds,

the project's contribution to the cumulative impact on air quality in the SCAB would not be cumulatively considerable. Table 8 shows that Project unmitigated construction emissions would exceed the SCAQMD ROG and NO_X significance thresholds. However, implementation of **MM AQ-1** through **MM AQ-3** would reduce construction emissions impacts to a less than significant level. Therefore, the proposed Project would not generate a cumulatively considerable contribution to air pollutant emissions during construction.

Cumulative Long-Term Impacts

The SCAQMD has not established separate significance thresholds for cumulative operational emissions. The nature of air emissions is largely a cumulative impact. As a result, no single project is sufficient in size to, by itself, result in nonattainment of ambient air quality standards. Instead, individual project emissions contribute to existing cumulatively significant adverse air quality impacts. The SCAQMD developed the operational thresholds of significance based on the level above which individual project emissions would result in a cumulatively considerable contribution to the SCAB's existing air quality conditions. Therefore, a project that exceeds the SCAQMD operational thresholds would also be a cumulatively considerable contribution to a significant cumulative impact.

Table 10 shows that the Project's mitigated operational emissions would not exceed SCAQMD thresholds with implementation of **MM AQ-4** and **MM AQ-5**, and **MMs GHG-1** through **GHG-6** from the Project GHG Assessment. As a result, Project operational emissions would not result in a cumulatively considerable contribution to significant cumulative air quality impacts. A less than significant impact would occur in this regard.

Plans, Policies, and Programs

Plans, Policies, and Programs (PPP) include existing requirements based on local, state, or federal regulations or laws are frequently required independently of CEQA review. Typical requirements include compliance with the provisions of the Building Code, CalGreen Code, local municipal code, SCAQMD Rules, etc. Because PPPs are neither Project specific nor a result of development of the Project, they are not considered to be project design features or mitigation measures.

PPP-1 Prior to the issuance of grading permits, the City Engineer shall confirm that the Grading Plan, Building Plans and Specifications require all construction contractors to comply with South Coast Air Quality Management District's (SCAQMD's) Rules 402 and 403 to minimize construction emissions of dust and particulates. The measures include, but are not limited to, the following:

- Portions of a construction site to remain inactive longer than a period of three months will be seeded and watered until grass cover is grown or otherwise stabilized.
- All on-site roads will be paved as soon as feasible or watered periodically or chemically stabilized.
- All material transported off site will be either sufficiently watered or securely covered to prevent excessive amounts of dust.

- The area disturbed by clearing, grading, earthmoving, or excavation operations will be minimized at all times.
- Where vehicles leave a construction site and enter adjacent public streets, the streets will be swept daily or washed down at the end of the workday to remove soil tracked onto the paved surface.

PPP-2 Pursuant to SCAQMD Rule 1113, the Project applicant shall require by contract specifications that the interior and exterior architectural coatings (paint and primer including parking lot paint) products used would have a volatile organic compound rating of 50 grams per liter or less.

PPP-3 Require diesel powered construction equipment to turn off when not in use per Title 13 of the California Code of Regulations, Section 2449.

PPP-4 Install water-efficient irrigation systems and devices, such as soil moisture-based irrigation controls and sensors for landscaping according to the City's Landscape Water Use Efficiency requirements (Chapter 15.04 of the City's Municipal Code).

PPP-5 The Project shall be designed in accordance with the applicable Title 24 Energy Efficiency Standards for Nonresidential Buildings (California Code of Regulations [CCR], Title 24, Part 6). These standards are updated, nominally every three years, to incorporate improved energy efficiency technologies and methods. The Building Official, or designee shall ensure compliance prior to the issuance of each building permit. The Title 24 Energy Efficiency Standards (Section 110.10) require buildings to be designed to have 15 percent of the roof area "solar ready" that will structurally accommodate later installation of rooftop solar panels. If future building operators pursue providing additional rooftop solar panels, they will submit plans for solar panels prior to occupancy.

PPP-6 The Project shall be designed in accordance with the applicable California Green Building Standards (CALGreen) Code (24 CCR, Part 11). The Building Official, or designee shall ensure compliance prior to the issuance of each building permit. These requirements include, but are not limited to:

- Design buildings to be water efficient. Install water-efficient fixtures in accordance with Section 5.303 (nonresidential) of the California Green Building Standards Code Part 11.
- Recycle and/or salvage for reuse a minimum of 65 percent of the nonhazardous construction and demolition waste in accordance with Section 5.408.1 (nonresidential) of the California Green Building Standards Code Part 11.
- Provide storage areas for recyclables and green waste and adequate recycling containers located in readily accessible areas in accordance with Section 5.410 (nonresidential) of the California Green Building Standards Code Part 11.
- To facilitate future installation of electric vehicle supply equipment (EVSE), nonresidential construction shall comply with Section 5.106.5.3 (nonresidential electric vehicle charging) of the California Green Building Standards Code Part 11.

PPP-7 The Project tenants shall comply with the SCAQMD Indirect Source Rule (Rule 2305). This rule is expected to reduce NO_X and PM_{10} emissions during construction and operation. Emission reductions resulting from this rule were not included in the Project analysis. Compliance with Rule 2305 is enforced by the SCAQMD through their reporting process and is required for all warehouse projects greater than 100,000 square feet.

PPP-8 Trees shall be installed in automobile parking areas to provide 50 percent shade cover of parking areas within fifteen years in accordance with section 9.195.040 of the Menifee Municipal Code (Development Code). Trees shall be planted that are capable of meeting this requirement.

Construction Mitigation Measures:

MM AQ-1 Prior to the issuance of grading or building permits, the County Engineer shall confirm that the Grading Plan, Building Plans and Specifications require all construction contractors to incorporate the following measures to minimize construction emissions. These features shall be included in applicable bid documents and included on the grading plans.

- All off-road diesel-powered construction equipment greater than 50 horsepower meets California Air Resources Board Tier 4 Final off-road emissions standards or incorporate CARB Level 3 Verified Diesel Emission Control Strategy (VDECS). Requirements for Tier 4 Final equipment and the option for Level 3 VDECS shall be included in applicable bid documents and successful contractor(s) must demonstrate the ability to supply such equipment. A copy of each unit's Best Available Control Technology (BACT) documentation (certified tier specification or model year specification), and CARB or SCAQMD operating permit (if applicable) shall be provided to the County at the time of mobilization of each applicable unit of equipment. This equipment shall be used when commercial models that meet the construction needs of the proposed Project are commercially available from local suppliers/vendors. The determination of commercial availability of such equipment shall be made by the County, based on applicant-provided evidence from expert sources, such as construction contractors in the region.
- Construction equipment shall be properly maintained according to manufacturer specifications.
- All diesel-powered construction equipment, delivery vehicles, and delivery trucks shall be turned off when not in use. On-site idling shall be limited to three minutes in any one hour.
- Construction on-road haul trucks shall be model year 2010 or newer if diesel-fueled.
- Information on ridesharing programs shall be made available to construction employees.
- During construction, lunch options shall be provided onsite.

- A publicly visible sign shall be posted with the telephone number and person to contact regarding dust complaints per SCAQMD Standards.
- All construction contractors shall be provided information on the South Coast Air Quality Management District Surplus Off-road Opt-In "SOON" funds which provides funds to accelerate cleanup of off-road diesel vehicles.
- The Project shall demonstrate compliance with SCAQMD Rule 403 concerning fugitive dust and provide appropriate documentation to the City of Menifee.
- All exposed surfaces (e.g., parking areas, staging areas, soil piles, graded areas, unpaved access roads) shall be watered two times per day.
- All haul trucks transporting soil, sand, or other loose material off-site shall be covered.
- All visible mud or dirt track-out onto adjacent public roads shall be removed using wet-power vacuum street sweepers at least once per day. The use of dry-power sweeping shall be prohibited.
- All vehicle speeds on unpaved roads, driveways, or driving surfaces shall be limited to 15 mph.
- All offsite access roads shall either be stabilized using a chemical dust suppressant or paved prior to the grading phase of construction.
- Building pads shall be laid as soon as possible after grading, unless seeding or soil binders are used.
- A publicly visible sign shall be posted with the telephone number and the name of the person to contact at the lead agency regarding dust complaints. This person shall respond and take corrective action within 48 hours. The phone number of the SCAQMD shall also be visible to ensure compliance.

MM AQ-2 The Project applicant shall be required to use paints, architectural coatings, and industrial maintenance coatings that have volatile organic compound levels of less than 10 g/L. All specifications, plans, and/or details necessary to verify compliance shall be included in the Project's applicable construction drawings. Prior to issuance of a building permit, the City of Menifee Building and Safety Department shall confirm that plans include the following specifications:

- All architectural coatings will be super-compliant low VOC paints.
- Recycle leftover paint. Take any leftover paint to a household hazardous waste center; do not mix leftover water-based and oil-based paints.
- Keep lids closed on all paint containers when not in use to prevent VOC emissions and excessive odors.
- For water-based paints, clean up with water only. Whenever possible, do not rinse the cleanup water down the drain or pour it directly into the ground or the storm drain. Set aside the can of cleanup water and take it to the hazardous waste center (www.cleanup.org).

- Use compliant low-VOC cleaning solvents to clean paint application equipment.
- Keep all paint- and solvent-laden rags in sealed containers to prevent VOC emissions.
- Contractors shall construct/build with materials that do not require painting and use pre-painted construction materials to the extent practicable.
- Use high-pressure/low-volume paint applicators with a minimum transfer efficiency of at least 50 percent or other application techniques with equivalent or higher transfer efficiency.

MM AQ-3 The Project's contractors shall be prohibited from idling heavy equipment for more than three minutes and prohibited from being in the "on" position for more than 10 hours per day. The Project's general contractor shall designate an officer to monitor the construction equipment operators on-site for compliance.

Operational Mitigation Measures:

MM AQ-4 All outdoor cargo handling equipment (such as yard trucks, hostlers, yard goats, pallet jacks, and forklifts) shall be zero emission (i.e., powered by electricity or other alternative fuels). The warehouse building shall include the necessary charging stations for cargo handling equipment. The building manager or their designee shall be responsible for enforcing these requirements.

MM AQ-5 Prior to the issuance of a tenant occupancy permit, the Community Development Department shall confirm that all truck access gates and loading docks within the Project site shall have posted signage that states:

- Truck drivers shall turn off engines when not in use.
- Truck drivers shall shut down the engine after three minutes of continuous idling operation (pursuant to City of Menifee's Industrial Good Neighbor Policies). Once the vehicle is stopped, the transmission is set to "neutral" or "park", and the parking brake is engaged.
- Telephone numbers of the building facilities manager, the SCAQMD, and CARB to report violations.
- Signs shall also inform truck drivers about the health effects of diesel particulates, the California Air Resources Board diesel idling regulations, and the importance of being a good neighbor by not parking in residential areas.
- The Operator shall designate an officer to monitor trucks on-site for compliance.
- To the extent feasible, the Project shall restrict the turns trucks can make entering and exiting the facility to route trucks away from sensitive receptors by posting signs at every truck exit driveway providing directional information to head northbound to Ethanac Road (designated truck route).
- Signs and drive aisle pavement markings shall clearly identify the on-site circulation pattern to minimize unnecessary on-site vehicular travel.

- All signage installed as part of the Project shall be legible, durable, and weather-proof.

Level of Significance: Less than significant impact with mitigation incorporated. Construction emissions have been reduced to less than significant with the incorporation of **MM AQ-1** through **MM AQ-3**, and operational emissions have been reduced to less than significant with the incorporation of **MM AQ-4**, **MM AQ-5**, and **MM GHG-1** through **MM GHG-7** from the Project GHG Assessment.

Threshold 5.3 Would the Project expose sensitive receptors to substantial pollutant concentrations?

Localized Construction Significance Analysis

To identify impacts to sensitive receptors, the SCAQMD recommends addressing LSTs for construction. LSTs were developed in response to SCAQMD Governing Boards' Environmental Justice Enhancement Initiative (I-4). The SCAQMD provided the *Final Localized Significance Threshold Methodology* (dated June 2003 [revised 2008]) for guidance. The LST methodology assists lead agencies in analyzing localized impacts associated with Project-specific emissions.

Project Sites 1 and 2

CalEEMod calculates construction emissions based on the number of equipment hours and the maximum daily soil disturbance activity possible for each piece of equipment. Table 11: Equipment-Specific Grading Rates for Site 1 and Site 2 is used to determine the maximum daily disturbed acreage for comparison to LSTs. The appropriate SRA for the localized significance thresholds is the Perris Valley (SRA 24) since this area includes the Project site. LSTs apply to NO_2, CO, PM_{10}, and $PM_{2.5}$. The SCAQMD produced look-up tables for projects that disturb areas less than or equal to 5 acres in size. Site 1 and Site 2 would disturb 3.5 acres each. As Site 1 and Site 2 are approximately 200 meters (660 feet) apart and adjacent to the same sensitive receptors, the impacts of both sites have been analyzed together. Although construction of Site 1 and Site 2 (combined) is anticipated to disturb a minimum of 7 acres in a single day during the site preparation phase, the 5.0-acre LST threshold was conservatively used for this analysis, as the LSTs increase with the size of the soil disturbance activity.

Table 10: Equipment-Specific Grading Rates for Site 1 and Site 2

Construction Phase	Equipment Type	Equipment Quantity	Acres Graded per 8-Hour Day	Operating Hours per Day	Acres Graded per Day
Site Preparation	Tractors	8	0.5	8	4.0
	Graders	0	0.5	8	0
	Dozers	6	0.5	8	3.0
	Scrapers	0	1	8	0
				Total Acres Graded per Day	**7.0**

Source: CalEEMod version 2022.1. Refer to Appendix A for model outputs.

The SCAQMD's methodology states that "off-site mobile emissions from the Project should not be included in the emissions compared to LSTs." Therefore, only emissions included in the CalEEMod "on-site" emissions outputs were considered. The nearest sensitive receptors are single-family residences located approximately 40 feet (12 meters) to the west of the Project Site 2. LST thresholds are provided for distances to sensitive receptors of 25, 50, 100, 200, and 500 meters. Therefore, LSTs for receptors

located at the closest distance of 25 meters were utilized in this analysis consistent with SCAQMD methodology.

Table 11: Localized Significance of Construction Emissions for Site 1 and Site 2				
Construction Activity	**Emissions (Maximum Pounds Per Day)**			
	NO_X	**CO**	**PM_{10}**	**$PM_{2.5}$**
Project Site 1 (Corsica Lane)[1]				
Demolition 2024	4.51	18.17	0.26	0.09
Site Preparation 2024	2.59	28.31	5.21	2.73
Grading 2024	4.43	35.35	2.51	1.07
Building Construction 2024	2.83	14.83	0.08	0.07
Paving 2024	1.93	10.60	0.03	0.03
Architectural Coating 2024	0.91	1.15	0.03	0.03
Architectural Coating 2025	0.88	1.14	0.03	0.03
Maximum Emissions	*4.51*	*35.35*	*5.21*	*2.73*
SCAQMD Localized Screening Threshold (adjusted for 3.5 acres at 25 meters)	*220*	*1,230*	*10*	*6*
Exceed SCAQMD Threshold?	**No**	**No**	**No**	**No**
Project Site 2 (Wheat Street)				
Site Preparation 2024	2.59	28.31	5.21	2.73
Grading 2024	2.04	17.77	1.90	0.95
Building Construction 2024	2.83	14.83	0.08	0.07
Paving 2024	2.52	9.39	0.11	0.11
Architectural Coating 2024	0.91	1.15	0.03	0.03
Architectural Coating 2025	0.88	1.14	0.03	0.03
Maximum Emissions	*2.83*	*28.31*	*5.21*	*2.73*
SCAQMD Localized Screening Threshold (adjusted for 3.5 acres at 25 meters)	*220*	*1,230*	*10*	*6*
Exceed SCAQMD Threshold?	**No**	**No**	**No**	**No**
Total Site 1 and Site 2 Localized Construction Emissions				
Demolition 2024	4.51	18.17	0.26	0.09
Site Preparation 2024	5.18	56.62	10.42	5.46
Grading 2024	6.47	53.12	4.41	2.02
Building Construction 2024	5.66	29.66	0.16	0.14
Paving 2024	4.45	19.99	0.14	0.14
Architectural Coating 2024	1.82	2.3	0.06	0.06
Architectural Coating 2025	1.76	2.28	0.06	0.06
Maximum Emissions	6.47	56.62	10.42	5.46
SCAQMD Localized Screening Threshold (adjusted for 5 acres at 25 meters)	*270*	*1,577*	*13*	*8*
Exceed SCAQMD Threshold?	**No**	**No**	**No**	**No**
NO_X = Nitrogen Oxides; CO = Carbon Monoxide; PM_{10} = Particulate Matter 10 microns in diameter or less; $PM_{2.5}$ = Particulate Matter 2.5 microns in diameter or less				
Notes: 1. Project Site 1 emissions are based on the previous version of the Project identified in the NOP. The previous version was 30,900 SF larger and included 3 buildings. To be conservative, emissions from the larger version of Project Site 1 are analyzed in this Air Quality Assessment.				
Source: CalEEMod version 2022.1 Refer to Appendix A for model outputs.				

Table 12: Localized Significance of Construction Emissions for Site 1 and Site 2 presents the results of localized emissions during each construction activity for the Project (Site 1 and Site 2) after incorporating mitigation measures required under Threshold 5.2. Table 12 shows that emissions of these pollutants on the peak day of construction would not result in significant concentrations of pollutants at nearby sensitive receptors.

Project Site 3

Table 13: Equipment-Specific Grading Rates for Site 3 shows the maximum daily disturbed acreage for Site 3. The appropriate SRA for the localized significance thresholds is the Perris Valley (SRA 24) since this area includes the Project Site 3. Project construction is anticipated to disturb a minimum of 3.5 acres in a single day during the site preparation phase. As the LST guidance provides thresholds for projects disturbing 1-, 2-, and 5-acres in size and the thresholds increase with size of the site, the LSTs for a 3.5-acre threshold were interpolated and utilized for this analysis.

Table 12: Equipment-Specific Grading Rates for Site 3

Construction Phase	Equipment Type	Equipment Quantity	Acres Graded per 8-Hour Day	Operating Hours per Day	Acres Graded per Day
Site Preparation	Tractors	4	0.5	8	2.0
	Graders	0	0.5	8	0
	Dozers	3	0.5	8	1.0
	Scrapers	0	1	8	0
				Total Acres Graded per Day	**3.5**

Source: CalEEMod version 2022.1. Refer to Appendix A for model outputs.

The nearest sensitive receptors is a single-family residence located approximately 1,130 feet (344 meters) to the west of Project Site 3. LST thresholds are provided for distances to sensitive receptors of 25, 50, 100, 200, and 500 meters. Therefore, LSTs for receptors located at the distance of 344 meters were interpolated and utilized in this analysis consistent with SCAQMD methodology. Table 14: Localized Significance of Construction Emissions for Site 3 presents the results of localized emissions during each construction activity for Project Site 3 after incorporating mitigation measures required under Threshold 5.2. Table 14 shows that emissions of these pollutants on the peak day of construction would not result in significant concentrations of pollutants at nearby sensitive receptors.

Table 13: Localized Significance of Construction Emissions for Site 3

Construction Activity	Emissions (Maximum Pounds Per Day)			
	NO_X	**CO**	**PM_{10}**	**$PM_{2.5}$**
Site Preparation 2024	2.59	28.31	5.21	2.73
Grading 2024	2.04	17.77	1.90	0.95
Building Construction 2024	2.83	14.83	0.08	0.07
Paving 2024	1.93	10.60	0.03	0.03
Architectural Coating 2024	0.91	1.15	0.03	0.03
Architectural Coating 2025	0.88	1.14	0.03	0.03
Maximum Emissions	2.83	28.31	5.21	2.73
SCAQMD Localized Screening Threshold (adjusted for 3.5 acres at 344 meters)	*577*	*13,073*	*139*	*61*
Exceed SCAQMD Threshold?	**No**	**No**	**No**	**No**

NO_X = Nitrogen Oxides; CO = Carbon Monoxide; PM_{10} = Particulate Matter 10 microns in diameter or less; $PM_{2.5}$ = Particulate Matter 2.5 microns in diameter or less

Source: CalEEMod version 2022.1 Refer to Appendix A for model outputs.

Localized Operational Significance Analysis

According to the SCAQMD LST methodology, LSTs would apply to the operational phase of a project only if it includes stationary sources or attracts mobile sources that may spend long periods queuing and idling at the site (e.g., warehouse or transfer facilities). Since the Project includes a warehouse, the operational phase LST protocol is conservatively applied to both the area source and a portion of the mobile source emissions for operations.

Project Sites 1 and 2

LSTs thresholds for receptors located at 25 meters in SRA 24 were utilized in this analysis because the closest receptors to the Project Site 1 and Project Site 2 are located approximately 40 feet (12 meters) to the west of Site 2. Although the Project Site 1 and Site 2 in total are approximately 18.71 acres, the 5.0-acre LST threshold was conservatively used for this analysis, as the LSTs increase with the size of the site.

For a worst-case scenario assessment, the emissions shown in Table 15: Localized Significance of Operational Emissions for Site 1 and Site 2 conservatively include all on-site Project-related stationary source and three percent of mobile sources, since a portion of mobile sources could include trucks idling on-site, after incorporating mitigation measures required under Threshold 5.2. Table 15 shows that the maximum daily emissions of these pollutants for Project (Site 1 and Site 2 combined) operations would not result in significant concentrations of pollutants at nearby sensitive receptors.

Table 14: Localized Significance of Operational Emissions for Site 1 and Site 2

Activity	Emissions (Maximum Pounds Per Day)			
	NO_X	CO	PM_{10}	$PM_{2.5}$
Project Site 1 (Corsica Lane)[1]				
On-Site, Generators, and Mobile Source Emissions[2]	9.39	19.66	0.64	0.56
SCAQMD Localized Screening Threshold (5.0 acres at 25 meters)	*270*	*1,577*	*4*	*2*
Exceed SCAQMD Threshold?	**No**	**No**	**No**	**No**
Project Site 2 (Wheat Street)				
On-Site, Generators, and Mobile Source Emissions[2]	3.05	6.46	0.19	0.18
SCAQMD Localized Screening Threshold (5.0 acres at 25 meters)	*270*	*1,577*	*4*	*2*
Exceed SCAQMD Threshold?	**No**	**No**	**No**	**No**
Total Site 1 and Site 2 Localized Operational Emissions				
On-Site, Generators, and Mobile Source Emissions[2]	12.44	26.12	0.83	0.74
SCAQMD Localized Screening Threshold (5.0 acres at 25 meters)	*270*	*1,577*	*4*	*2*
Exceed SCAQMD Threshold?	**No**	**No**	**No**	**No**

NO_X = Nitrogen Oxides; CO = Carbon Monoxide; PM_{10} = Particulate Matter 10 microns in diameter or less; $PM_{2.5}$ = Particulate Matter 2.5 microns in diameter or less

1. Project Site 1 emissions are based on the previous version of the Project identified in the NOP. The previous version was 30,900 SF larger and included 3 buildings. To be conservative, emissions from the larger version of Project Site 1 are analyzed in this EIR.
2. Includes all on-site and three percent of warehouse mobile source emissions.

Source: CalEEMod version 2022.1 Refer to Appendix A for model outputs.

Project Site 3

LSTs thresholds for receptors located at 344 meters in SRA 24 were utilized in this analysis because the closest receptor to Project Site 3 is located approximately 1,130 feet (344 meters) to the west of the site. Although Project Site 3 is approximately 7.52 acres, the 5.0-acre LST threshold was conservatively used for this analysis, as the LSTs increase with the size of the site.

For a worst-case scenario assessment, the emissions shown in Table 16: Localized Significance of Operational Emissions for Site 3 conservatively include all on-site Project-related stationary source and one percent of mobile sources, since a portion of mobile sources could include trucks idling on-site, after incorporating mitigation measures required under Threshold 5.2. Table 16 shows that the maximum daily emissions of these pollutants for Project Site 3 operations would not result in significant concentrations of pollutants at nearby sensitive receptors.

Table 15: Localized Significance of Operational Emissions for Site 3

Activity	Emissions (Maximum Pounds Per Day)			
	NO_X	CO	PM_{10}	$PM_{2.5}$
On-Site, Generators, and Mobile Source Emissions[1]	10.74	15.33	0.60	0.58
SCAQMD Localized Screening Threshold (5.0 acres at 344 meters)	*628*	*14,382*	*36*	*16*
Exceed SCAQMD Threshold?	**No**	**No**	**No**	**No**

NO_X = Nitrogen Oxides; CO = Carbon Monoxide; PM_{10} = Particulate Matter 10 microns in diameter or less; $PM_{2.5}$ = Particulate Matter 2.5 microns in diameter or less

1. Includes all on-site and one percent of warehouse mobile source emissions.

Source: CalEEMod version 2022.1 Refer to Appendix A for model outputs.

In addition, SCAQMD's Rule 2305 will require the Project to directly reduce NO_X and particulate matter emissions or pay SCQMD a mitigation fee to help fund incentive programs for the purchase of cleaner trucks and charging/fueling infrastructure in communities nearby.

Criteria Pollutant Health Impacts

On December 24, 2018, the California Supreme Court issued an opinion identifying the need to provide sufficient information connecting a project's air emissions to health impacts or explain why such information could not be ascertained (*Sierra Club v. County of Fresno* (2018) 6 Cal.5th 502). The SCAQMD has set its CEQA significance thresholds based on the FCAA, which defines a major stationary source (in extreme O_3 nonattainment areas such as the SCAB) as emitting 10 tons per year. The thresholds correlate with the trigger levels for the federal New Source Review (NSR) Program and SCAQMD Rule 1303 for new or modified sources. The NSR Program[6] was created by the FCAA to ensure that stationary sources of air pollution are constructed or modified in a manner that is consistent with attainment of health-based federal ambient air quality standards. The federal ambient air quality standards establish the levels of air quality necessary, with an adequate margin of safety, to protect the public health. Therefore, projects that do not exceed the SCAQMD's LSTs and mass emissions thresholds would not violate any air quality standards or contribute substantially to an existing or projected air quality violation and no criteria pollutant health impacts.

[6] Code of Federal Regulation (CFR) [i.e., PSD (40 CFR 52.21, 40 CFR 51.166, 40 CFR 51.165 (b)), Non-attainment NSR (40 CFR 52.24, 40 CFR 51.165, 40 CFR part 51, Appendix S)

NO_X and ROG are precursor emissions that form O_3 in the atmosphere in the presence of sunlight where the pollutants undergo complex chemical reactions. It takes time and the influence of meteorological conditions for these reactions to occur, so O_3 may be formed at a distance downwind from the sources. Breathing ground-level O_3 can result in health effects that include reduced lung function, inflammation of airways, throat irritation, pain, burning, or discomfort in the chest when taking a deep breath, chest tightness, wheezing, or shortness of breath. In addition to these effects, evidence from observational studies strongly indicates that higher daily O_3 concentrations are associated with increased asthma attacks, increased hospital admissions, increased daily mortality, and other markers of morbidity. The consistency and coherence of the evidence for effects upon asthmatics suggests that O_3 can make asthma symptoms worse and can increase sensitivity to asthma triggers.

According to the SCAQMD AQMPs, O_3, NO_X, and ROG have been decreasing in the SCAB since 1975 and are projected to continue to decrease in the future. Although vehicle miles traveled in the SCAB continue to increase, NO_X and ROG levels are decreasing because of the mandated controls on motor vehicles and the replacement of older polluting vehicles with lower-emitting vehicles. NO_X emissions from electric utilities have also decreased due to the use of cleaner fuels and renewable energy. The 2022 AQMP demonstrates how the SCAQMD's control strategy to meet the 2015 federal O_3 standard by 2037 and would lead to sufficient NO_X emission reductions. In addition, since NO_X emissions also lead to the formation of $PM_{2.5}$, the NO_X reductions needed to meet the O_3 standards will likewise lead to improvement of $PM_{2.5}$ levels and attainment of $PM_{2.5}$ standards.

The SCAQMD's air quality modeling demonstrates that NO_X reductions prove to be much more effective in reducing O_3 levels and will also lead to significant improvement in $PM_{2.5}$ concentrations. NO_X-emitting stationary sources regulated by the SCAQMD include Regional Clean Air Incentives Market (RECLAIM) facilities (e.g., refineries, power plants, etc.), natural gas combustion equipment (e.g., boilers, heaters, engines, burners, flares) and other combustion sources that burn wood or propane. The AQMPs identify robust NO_X reductions from new regulations on RECLAIM facilities, non-refinery flares, commercial cooking, and residential and commercial appliances. Such combustion sources are already heavily regulated with the lowest NO_X emissions levels achievable but there are opportunities to require and accelerate replacement with cleaner zero-emission alternatives, such as residential and commercial furnaces, pool heaters, and backup power equipment. The AQMD plans to achieve such replacements through a combination of regulations and incentives. Technology-forcing regulations can drive development and commercialization of clean technologies, with future year requirements for new or existing equipment. Incentives can then accelerate deployment and enhance public acceptability of new technologies.

There are significant challenges with correlating specific health effects that will occur as a result of a project's significant criteria air pollutant emissions. Generally, models that correlate criteria air pollutant concentrations with specific health effects focus on regulatory decision-making that will apply throughout an entire air basin or region. These models focus on the region-wide health effects of pollutants so that regulators can assess the costs and benefits of adopting a proposed regulation that applies to an entire category of air pollutant sources, rather than the health effects related to emissions from a specific proposed project or source. Because of the scale of these analyses, any one project is likely to have only very small incremental effects which may be difficult to differentiate from the effects of air pollutant concentrations in an entire air basin. In addition, such modeling efforts are costly, and the value of a project-specific analysis may be modest in relation to that cost. Furthermore, the results, while costly to produce, may not be particularly useful. For regional pollutants, it is difficult to trace a particular project's criteria air pollutant emissions to a specific health effect. Moreover, the modeled results may be

misleading because the margin of error in such modeling is large enough that, even if the modeled results report a given health effect, the model is sufficiently imprecise that the actual effect may differ from the reported results; that is, the modeled results suggest precision, when in fact available models cannot be that precise on a project level.

As discussed above, the mass emissions thresholds developed by SCAQMD and used by CEQA lead agencies throughout southern California to determine potential significance of project-related regional changes in the environment are not directly indicative of exceedances of applicable ambient air standards. Meteorology, the presence of sunlight, and other complex chemical factors all combine to determine the ultimate concentration and location of O_3 or PM. The effects on ground-level ambient concentrations of pollutants that may be breathed by people are also influenced by the spatial and temporal patterns of the emission sources. In other words, the effect on O_3 and PM concentrations from a given mass of pollutants emitted in one location may vary from the effect if that same mass of pollutants was emitted in an entirely different location in the SCAB. The same effect may be observed when the daily and seasonal variation of emissions is taken into account. Regional-scale photochemical modeling, typically performed only for NAAQS attainment demonstration and rule promulgation, account for these changes in the spatial, temporal, and chemical nature of regional emissions.

Emissions from the construction and operation of the proposed Project would vary by time of day, month, and season, and the majority of Project-related emissions, being generated by mobile sources (cars and trucks) driving to and from the site, would be emitted throughout a wide area defined by the origins and destinations of people travelling to and from the proposed Project. As SCAQMD has stated "it takes a large amount of additional precursor emissions to cause a modeled increase in ambient ozone levels over an entire region."[7]

Specifically, for extremely large regional projects, the SCAQMD states that it has been able to correlate potential health outcomes for very large emissions sources – as part of their rulemaking activity, specifically 6,620 pounds per day of NO_X and 89,180 pounds per day of VOC were expected to result in approximately 20 premature deaths per year and 89,947 school absences due to O_3. Based on its recent experiences applying regional scale models to relatively small increase in emissions, SCAQMD stated in its Amicus Brief in the Sierra Club v. County of Fresno case: "[A] project emitting only 10 tons per year of NO_X or VOC is small enough that its regional impact on ambient ozone levels may not be detected in the regional air quality models that are currently used to determine ozone levels."[8] The Brief makes it clear that SCAQMD does not believe that there must be a quantification of a project's health risks in CEQA documents prepared for individual projects. Any attempt to quantify the proposed Project's health risks would be considered unreliable and misleading. Also, the Project does not generate anywhere near 6,620 pounds per day of NO_X or 89,190 pounds per day of ROG (VOC) emissions, which SCAQMD stated was a large enough emission to quantify O_3-related health impacts. Therefore, the Project's emissions are not sufficiently high enough to use regional modeling program to correlate health effects on a basin-wide level.

As previously discussed, localized effects of on-site Project emissions on nearby receptors for the Project would be less than significant (refer to Table 12, Table 14, Table 15, and Table 16). The LSTs represent the maximum emissions from a project that are not expected to cause or contribute to an exceedance of the

[7] South Coast Air Quality Management District, *Amicus Brief in Support of Neither Party, Sierra Club v. County of Fresno*, 2015.
[8] South Coast Air Quality Management District, *Amicus Brief in Support of Neither Party, Sierra Club v. County of Fresno*, 2015. p. 1

most stringent applicable state or federal ambient air quality standard. The LSTs were developed by the SCAQMD based on the ambient concentrations of that pollutant for each SRA and distance to the nearest sensitive receptor. The ambient air quality standards establish the levels of air quality necessary, with an adequate margin of safety, to protect public health, including protecting the health of sensitive populations.

Although it may be misleading and unreliable to attempt to specifically and numerically quantify the Project's health risks at a regional level, this analysis provides extensive information concerning the Project's potential health risks. Information on health impacts related to exposure to ozone and particulate matter emissions published by the U.S. EPA and CARB have been summarized above and discussed in the Regulatory Framework section. Health studies are used by these agencies to set the NAAQS and CAAQS. The Project would not exceed the SCAQMD's numeric regional mass daily thresholds for ROG and NO_X and would not constitute a significant health impact to the population adjacent to the Project and within the SCAB.

Carbon Monoxide Hotspots

An analysis of CO "hot spots" is needed to determine whether the change in the level of service of an intersection resulting from the Project would have the potential to result in exceedances of the CAAQS or NAAQS. It has long been recognized that CO exceedances are caused by vehicular emissions, primarily when vehicles are idling at intersections. Vehicle emissions standards have become increasingly stringent in the last 20 years. Currently, the CO standard in California is a maximum of 3.4 grams per mile for passenger cars (requirements for certain vehicles are more stringent). With the turnover of older vehicles, introduction of cleaner fuels, and implementation of control technology on industrial facilities, CO concentrations have steadily declined. Accordingly, with the steadily decreasing CO emissions from vehicles, even very busy intersections do not result in exceedances of the CO standard.

The SCAB was re-designated as attainment in 2007 and is no longer addressed in the SCAQMD's AQMP. The 2003 AQMP is the most recent version that addresses CO concentrations. As part of the SCAQMD *CO Hotspot Analysis*, the Wilshire Boulevard and Veteran Avenue intersection, one of the most congested intersections in Southern California with an average daily traffic (ADT) volume of approximately 100,000 vehicles per day, was modeled for CO concentrations. This modeling effort identified a CO concentration high of 4.6 ppm, which is well below the 35-ppm Federal standard. The Project considered herein would not produce the volume of traffic required to generate a CO hot spot in the context of SCAQMD's *CO Hotspot Analysis*. As the CO hotspots were not experienced at the Wilshire Boulevard and Veteran Avenue intersection even as it accommodates 100,000 vehicles daily, it can be reasonably inferred that CO hotspots would not be experienced at any intersections in the Project vicinity resulting from 839 total additional vehicle trips attributable to the Project. Therefore, impacts would be less than significant.

Construction and Operational Diesel Particulate Matter

Project construction would result in the generation of DPM emissions from the use of required off-road diesel equipment required. Operational activities would also include the use of heavy-duty diesel trucks. The amount to which the receptors are exposed (a function of concentration and duration of exposure) is the primary factor used to determine health risk (i.e., potential exposure to TAC emission levels that exceed applicable standards). Health-related risks associated with diesel-exhaust emissions are primarily linked to long-term exposure and the associated risk of contracting cancer.

The use of diesel-powered construction equipment would be temporary and episodic. The duration of exposure would be short and exhaust from construction equipment dissipates rapidly. Current models and methodologies for conducting health risk assessments are associated with longer-term exposure periods of 9, 30, and 70 years, which do not correlate well with the temporary and highly variable nature of construction activities. The California Office of Environmental Health Hazard Assessment (OEHHA) has not identified short-term health effects from DPM. Construction is temporary and would be transient throughout the site (i.e., move from location to location) and would not generate emissions in a fixed location for extended periods of time which would limit the exposure of any proximate individual sensitive receptor to TACs.

Additionally, construction is subject to and would comply with California regulations (e.g., California Code of Regulations, Title 13, Sections 2485 and 2449), which reduce diesel PM and criteria pollutant emissions from in-use off-road diesel-fueled vehicles and limit the idling of heavy-duty construction equipment to no more than five minutes. In response to the increase in warehouse development in California, the State of California Department of Justice issued a memorandum in March 2021 (updated in September 2022), entitled *Warehouse Projects: Best Practices and Mitigation Measures to Comply with the California Environmental Quality Act* (Memorandum). The Memorandum encourages warehouse projects to implement certain best practices, one of which recommends that construction equipment not in use for more than three minutes be turned off. It is noted that **MM AQ-1 and MM AQ-3** prohibit heavy construction equipment from idling for more than three minutes. These regulations and mitigation measures would further reduce nearby sensitive receptors' exposure to temporary and variable DPM emissions. Given the temporary and intermittent nature of construction activities likely to occur within specific locations in the Project site (i.e., construction is not likely to occur in any one location for an extended time), the dose of DPM that any one receptor is exposed to would be limited. Therefore, considering the relatively short duration of DPM-emitting construction activity at any one location, and the highly dispersive properties of DPM, sensitive receptors would not be exposed to substantial concentrations of construction-related TAC emissions.

A Health Risk Assessment (HRA) (*Compass Northern Gateway Project Health Risk Assessment*, prepared by Kimley-Horn, April 2024) (Project HRA) was conducted based on the SCAQMD's Health Risk Assessment Guidance for Analyzing Cancer Risks from Mobile Source Diesel Idling Emissions for CEQA Air Quality Analysis and the SCAQMD Risk Assessment Procedures and the guidance from OEHHA.

Construction Sources

Construction would generate DPM emissions from the use of off-road, heavy-duty diesel equipment for demolition; site preparation (e.g., clearing, grading); building construction; paving; application of architectural coatings; on-road truck travel; and other miscellaneous activities. For construction activity, DPM is the primary toxic air contaminant of concern. On-road diesel-powered haul trucks traveling to and from the construction area to deliver materials and equipment are less of a concern because they would not stay on the site for long durations. Diesel exhaust from construction equipment operating at the site poses a health risk to nearby sensitive receptors.

Operational Sources

Mobile Sources. The Project is located near existing legal non-conforming residential uses. Due to the increased truck traffic from the Project, the resulting emissions could result in pollutant concentrations at existing sensitive receptors. Average daily trips from truck traffic to the Project were obtained from the

Project Traffic Study (Kimley-Horn, 2023). An emission rate for PM_{10} (DPM) was calculated using trip data and a CARB 2021 EMission FACtor model (EMFAC)[9] model run for Riverside County; refer to Appendix A of the Project HRA. EMFAC generates emission factors in terms of grams of pollutant emitted per vehicle activity and can calculate a matrix of emission factors at specific values of vehicle speed and type. The model was run for heavy-duty diesel vehicles traveling along off-site roads, circulating the Project site, and idling at proposed loading docks.

Off-Road Equipment. The HRA assumed the Project would include 10 forklifts and two yard trucks for loading and unloading goods per the SCAQMD *High Cube Warehouse Truck Trip Study White Paper*.[10] The unmitigated scenario assumes the Project would use diesel off-road cargo handling equipment. Unmitigated off-road equipment emissions were calculated based on the CARB OFFROAD emissions inventory. **MM AQ-4** requires all cargo handling equipment (e.g., forklifts and yard trucks) to be zero emissions (ZE), and therefore, is incorporated into the mitigated scenario in this report.

Emergency Backup Generators. As the Project warehouse is speculative, it is unknown whether emergency backup generators would be used. Backup generators would only be used in the event of a power failure and would not be part of the Project's normal daily operations. Nonetheless, emissions associated with this equipment were included to be conservative. If backup generators are proposed, the end user would be required to obtain a permit from the SCAQMD prior to installation. Emergency backup generators must meet SCAQMD's Best Available Control Technology (BACT) requirements and comply with SCAQMD Rule 1470 (Requirements for Stationary Diesel-Fueled Internal Combustion and Other Compression Ignition Engines), which would minimize emissions.

Dispersion Modeling

PM_{10} exhaust construction emissions rates in grams per second were calculated from the total annual on-site exhaust emissions reported in CalEEMod during construction. PM_{10} exhaust construction emissions over the entire construction period were used in AERMOD, a U.S. EPA-approved dispersion model, to approximate construction DPM emissions. AERMOD is a steady-state, multiple-source, Gaussian dispersion model designed for use with emission sources situated in terrain where ground elevations can exceed the stack heights of the emission sources. AERMOD requires hourly meteorological data consisting of wind vector, wind speed, temperature, stability class, and mixing height. Uniform Cartesian receptors were used to evaluate the locations of the maximally exposed sensitive receptors. Surface and upper air meteorological data from the Banning Monitoring Station provided by the SCAQMD was selected as being the most representative meteorology. In addition, National Elevation Dataset (NED) terrain data was imported into AERMOD for the Project. The modeling and analysis were prepared in accordance with the SCAQMD Modeling Guidance for AERMOD.[11]

Note that the concentration estimate developed using this methodology is conservative and is not a specific prediction of the actual concentrations that would occur at the Project site any one point in time. Actual 1-hour and annual average concentrations are dependent on many variables, particularly the number and type of vehicles and equipment operating at specific distances during time periods of adverse meteorology. A health risk computation was performed to determine the risk of developing an excess

[9] California Air Resources Board, *EMFAC 2021 Web Database,* www.arb.ca.gov/emfac accessed September 2023.

[10] South Coast Air Quality Management District, *High Cube Warehouse Truck Trip Study White Paper Summary of Business Survey Results*, June 2014.

[11] South Coast Air Quality Management District, *SCAQMD Modeling Guidance for AERMOD*, http://www.aqmd.gov/home/air-quality/meteorological-data/modeling-guidance, accessed October 2023.

cancer risk calculated on these worst-case exposure duration scenarios. The chronic and carcinogenic health risk calculations are based on the standardized equations contained in the OEHHA Guidance Manual. Only the risk associated with the worst-case location of the Project was assessed.

Risk and Hazard Assessment

Risk levels were calculated based on the California Office of Environmental Health Hazard Assessment (OEHHA) guidance document, *Air Toxics Hot Spots Program Risk Assessment Guidelines* (February 2015). SCAQMD's threshold for cancer risk is ten in-one-million and the chronic noncancer hazard index is one. Projects that do not exceed these thresholds would not result in a significant impact.

Based on OEHHA *Risk Assessment Guidelines*, the exposure duration for a resident is 30 years, beginning with the third trimester; the exposure duration for workers is 25 years. Operations would commence following construction. As such, construction would not overlap with operations. The analysis calculates risk based on exposure to construction concentrations during the nine months of the exposure duration and operational concentrations for the remainder of the exposure duration. Unmitigated incremental Project health risk (construction and operations combined) would result in a maximum cancer risk of 204.68 in one million. The Project would be required to implement **MM AQ-1** (Tier 4 construction equipment) and **MM AQ-4**, (zero emission cargo handling equipment). With mitigation, the Project's incremental health risk would be reduced to 0.87 in one million at the worst-case residential receptor. Respectively. Therefore, impacts associated with carcinogenic risk would be less than significant.

A chronic hazard index of 1.0 is considered individually significant. The hazard index is calculated by dividing the chronic exposure by the reference exposure level. The chronic hazard was calculated based on the highest annual average concentration at the maximally exposed individual receptor. The highest maximum chronic hazard index associated with unmitigated DPM emissions from the Project would be 0.303. Therefore, even without mitigation, non-carcinogenic hazards are calculated to be within acceptable limits and a less than significant impact would occur. With mitigation the chronic hazard would be reduced to 0.061. Impacts would be less than significant.

Mitigation Measures: Refer to **MM AQ-1** and **MM AQ-4**.

Level of Significance: Less than significant impact with mitigation incorporated.

Threshold 5.4 Would the Project result in other emissions (such as those leading to odors) adversely affecting a substantial number of people?

Construction

Odors that could be generated by construction activities are required to follow SCAQMD Rule 402 to prevent odor nuisances on sensitive land uses. SCAQMD Rule 402, Nuisance, states:

> *A person shall not discharge from any source whatsoever such quantities of air contaminants or other material which cause injury, detriment, nuisance, or annoyance to any considerable number of persons or to the public, or which endanger the comfort, repose, health, or safety of any such persons or the public, or which cause, or have a natural tendency to cause, injury or damage to business or property.*

During construction, emissions from construction equipment, such as diesel exhaust, and volatile organic compounds from architectural coatings and paving activities may generate odors. However, these odors would be temporary, are not expected to affect a substantial number of people and would disperse rapidly. Therefore, impacts related to odors associated with the Project's construction-related activities would be less than significant.

Operations

The SCAQMD *CEQA Air Quality Handbook* identifies certain land uses as sources of odors. These land uses include agriculture (farming and livestock), wastewater treatment plants, food processing plants, chemical plants, composting facilities, refineries, landfills, dairies, and fiberglass molding. The Project would not include any of the land uses that have been identified by the SCAQMD as odor sources. Therefore, the Project would not create objectionable odors.

Mitigation Measures: No mitigation is required.

Level of Significance: No impact.

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Appendix A

Air Quality Modeling Data

Menifee Compass Northern Gateway Warehouses - Site 1 (Corsica Lane) Detailed Report

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1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	Menifee Compass Northern Gateway Warehouses - Site 1 (Corsica Lane)
Construction Start Date	5/1/2024
Operational Year	2025
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	2.50
Precipitation (days)	0.20
Location	33.73730086776783, -117.22172648370098
County	Riverside-South Coast
City	Menifee
Air District	South Coast AQMD
Air Basin	South Coast
TAZ	5512
EDFZ	11
Electric Utility	Southern California Edison
Gas Utility	Southern California Gas
App Version	2022.1.1.19

1.2. Land Use Types

Land Use Subtype	Size	Unit	Lot Acreage	Building Area (sq ft)	Landscape Area (sq ft)	Special Landscape Area (sq ft)	Population	Description

Unrefrigerated Warehouse-No Rail	254	1000sqft	5.83	254,058	106,412	—	—	—
General Office Building	11.0	1000sqft	0.25	11,000	0.00	—	—	—
Parking Lot	238	1000sqft	5.46	0.00	0.00	—	—	—

1.3. User-Selected Emission Reduction Measures by Emissions Sector

Sector	#	Measure Title
Construction	C-2*	Limit Heavy-Duty Diesel Vehicle Idling
Construction	C-5	Use Advanced Engine Tiers
Construction	C-13	Use Low-VOC Paints for Construction
Transportation	T-11*	Provide Employer-Sponsored Vanpool
Transportation	T-14*	Provide Electric Vehicle Charging Infrastructure
Transportation	T-34*	Provide Bike Parking
Transportation	T-53*	Electrify Loading Docks
Energy	E-10-B	Establish Onsite Renewable Energy Systems: Solar Power
Waste	S-1/S-2	Implement Waste Reduction Plan

* Qualitative or supporting measure. Emission reductions not included in the mitigated emissions results.

2. Emissions Summary

2.1. Construction Emissions Compared Against Thresholds

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Un/Mit.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	4.44	3.74	36.0	34.4	0.06	1.60	5.34	6.94	1.47	2.68	4.15	—	6,886	6,886	0.28	0.28	10.1	6,913

Mit.	1.03	0.93	4.89	37.0	0.06	0.12	5.34	5.44	0.12	2.68	2.78	—	6,886	6,886	0.28	0.28	10.1	6,913
% Reduced	77%	75%	86%	-8%	—	92%	—	22%	92%	—	33%	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	2.08	43.8	13.4	20.6	0.03	0.52	1.81	2.33	0.48	0.44	0.92	—	5,205	5,205	0.20	0.28	0.26	5,293
Mit.	1.00	11.0	5.06	22.3	0.03	0.10	1.81	1.91	0.09	0.44	0.53	—	5,205	5,205	0.20	0.28	0.26	5,293
% Reduced	52%	75%	62%	-8%	—	82%	—	18%	81%	—	42%	—	—	—	—	—	—	—
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	1.26	3.00	9.19	10.9	0.02	0.38	0.94	1.32	0.35	0.31	0.66	—	2,387	2,387	0.09	0.08	1.24	2,415
Mit.	0.38	0.75	2.10	11.4	0.02	0.04	0.94	0.98	0.04	0.31	0.36	—	2,387	2,387	0.09	0.08	1.24	2,415
% Reduced	70%	75%	77%	-5%	—	89%	—	25%	88%	—	46%	—	—	—	—	—	—	—
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.23	0.55	1.68	1.98	< 0.005	0.07	0.17	0.24	0.06	0.06	0.12	—	395	395	0.02	0.01	0.21	400
Mit.	0.07	0.14	0.38	2.08	< 0.005	0.01	0.17	0.18	0.01	0.06	0.07	—	395	395	0.02	0.01	0.21	400
% Reduced	70%	75%	77%	-5%	—	89%	—	25%	88%	—	46%	—	—	—	—	—	—	—
Exceeds (Daily Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Threshold	—	75.0	100	550	150	—	—	150	—	—	55.0	—	—	—	—	—	—	—
Unmit.	—	No	No	No	No	—	—	No	—	—	No	—	—	—	—	—	—	—
Mit.	—	No	No	No	No	—	—	No	—	—	No	—	—	—	—	—	—	—
Exceeds (Average Daily)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Threshol	—	75.0	100	550	150	—	—	150	—	—	55.0	—	—	—	—	—	—	—
Unmit.	—	No	No	No	No	—	—	No	—	—	No	—	—	—	—	—	—	—
Mit.	—	No	No	No	No	—	—	No	—	—	No	—	—	—	—	—	—	—

2.2. Construction Emissions by Year, Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Year	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2024	4.44	3.74	36.0	34.4	0.06	1.60	5.34	6.94	1.47	2.68	4.15	—	6,886	6,886	0.28	0.28	10.1	6,913
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2024	2.08	43.8	13.4	20.6	0.03	0.52	1.81	2.33	0.48	0.44	0.92	—	5,205	5,205	0.20	0.28	0.26	5,293
2025	0.26	43.8	0.99	2.43	< 0.005	0.03	0.29	0.32	0.03	0.07	0.09	—	419	419	0.02	0.01	0.03	423
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2024	1.26	1.70	9.19	10.9	0.02	0.38	0.94	1.32	0.35	0.31	0.66	—	2,387	2,387	0.09	0.08	1.24	2,415
2025	0.02	3.00	0.07	0.17	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	0.01	—	29.0	29.0	< 0.005	< 0.005	0.03	29.3
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2024	0.23	0.31	1.68	1.98	< 0.005	0.07	0.17	0.24	0.06	0.06	0.12	—	395	395	0.02	0.01	0.21	400
2025	< 0.005	0.55	0.01	0.03	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	4.79	4.79	< 0.005	< 0.005	0.01	4.85

2.3. Construction Emissions by Year, Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Year	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e

Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2024	1.03	0.93	4.89	37.0	0.06	0.12	5.34	5.44	0.12	2.68	2.78	—	6,886	6,886	0.28	0.28	10.1	6,913
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2024	1.00	11.0	5.06	22.3	0.03	0.10	1.81	1.91	0.09	0.44	0.53	—	5,205	5,205	0.20	0.28	0.26	5,293
2025	0.26	11.0	0.99	2.43	< 0.005	0.03	0.29	0.32	0.03	0.07	0.09	—	419	419	0.02	0.01	0.03	423
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2024	0.38	0.54	2.10	11.4	0.02	0.04	0.94	0.98	0.04	0.31	0.36	—	2,387	2,387	0.09	0.08	1.24	2,415
2025	0.02	0.75	0.07	0.17	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	0.01	—	29.0	29.0	< 0.005	< 0.005	0.03	29.3
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2024	0.07	0.10	0.38	2.08	< 0.005	0.01	0.17	0.18	0.01	0.06	0.07	—	395	395	0.02	0.01	0.21	400
2025	< 0.005	0.14	0.01	0.03	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	4.79	4.79	< 0.005	< 0.005	0.01	4.85

2.4. Operations Emissions Compared Against Thresholds

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Un/Mit.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	4.33	9.75	14.8	40.8	0.18	0.35	9.57	9.92	0.34	2.47	2.81	251	21,334	21,584	26.0	2.20	59.3	22,951
Mit.	4.33	9.75	14.8	40.8	0.18	0.35	9.57	9.92	0.34	2.47	2.81	150	19,835	19,985	15.8	2.19	59.3	21,091
% Reduced	—	—	—	—	—	—	—	—	—	—	—	40%	7%	7%	39%	1%	—	8%
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	2.21	7.79	15.4	24.1	0.17	0.33	9.57	9.90	0.32	2.47	2.79	251	20,819	21,070	26.0	2.21	1.56	22,381

Mit.	2.21	7.79	15.4	24.1	0.17	0.33	9.57	9.90	0.32	2.47	2.79	150	19,320	19,470	15.8	2.20	1.56	20,521
% Reduced	—	—	—	—	—	—	—	—	—	—	—	40%	7%	8%	39%	1%	—	8%
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	3.61	9.08	15.6	32.9	0.17	0.35	9.57	9.91	0.33	2.47	2.80	251	20,918	21,169	26.0	2.22	25.6	22,505
Mit.	3.61	9.08	15.6	32.9	0.17	0.35	9.57	9.91	0.33	2.47	2.80	150	19,419	19,569	15.8	2.20	25.6	20,645
% Reduced	—	—	—	—	—	—	—	—	—	—	—	40%	7%	8%	39%	1%	—	8%
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.66	1.66	2.85	6.00	0.03	0.06	1.75	1.81	0.06	0.45	0.51	41.5	3,463	3,505	4.31	0.37	4.24	3,726
Mit.	0.66	1.66	2.85	6.00	0.03	0.06	1.75	1.81	0.06	0.45	0.51	24.8	3,215	3,240	2.62	0.36	4.24	3,418
% Reduced	—	—	—	—	—	—	—	—	—	—	—	40%	7%	8%	39%	1%	—	8%
Exceeds (Daily Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Threshold	—	55.0	55.0	550	150	—	—	150	—	—	55.0	—	—	—	—	—	—	—
Unmit.	—	No	No	No	No	—	—	No	—	—	No	—	—	—	—	—	—	—
Mit.	—	No	No	No	No	—	—	No	—	—	No	—	—	—	—	—	—	—
Exceeds (Average Daily)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Threshold	—	55.0	55.0	550	150	—	—	150	—	—	55.0	—	—	—	—	—	—	—
Unmit.	—	No	No	No	No	—	—	No	—	—	No	—	—	—	—	—	—	—
Mit.	—	No	No	No	No	—	—	No	—	—	No	—	—	—	—	—	—	—

2.5. Operations Emissions by Sector, Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Sector	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	2.13	1.73	13.3	28.1	0.17	0.23	9.57	9.79	0.22	2.47	2.69	—	17,732	17,732	0.34	1.90	59.3	18,365
Area	2.05	7.94	0.10	11.5	< 0.005	0.02	—	0.02	0.02	—	0.02	—	47.4	47.4	< 0.005	< 0.005	—	47.6
Energy	0.15	0.08	1.38	1.16	0.01	0.11	—	0.11	0.11	—	0.11	—	3,151	3,151	0.29	0.02	—	3,164
Water	—	—	—	—	—	—	—	—	—	—	—	116	403	520	12.0	0.29	—	905
Waste	—	—	—	—	—	—	—	—	—	—	—	134	0.00	134	13.4	0.00	—	470
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.03	0.03
Total	4.33	9.75	14.8	40.8	0.18	0.35	9.57	9.92	0.34	2.47	2.81	251	21,334	21,584	26.0	2.20	59.3	22,951
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	2.06	1.67	14.0	22.9	0.16	0.23	9.57	9.80	0.22	2.47	2.69	—	17,265	17,265	0.34	1.91	1.54	17,843
Area	—	6.05	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Energy	0.15	0.08	1.38	1.16	0.01	0.11	—	0.11	0.11	—	0.11	—	3,151	3,151	0.29	0.02	—	3,164
Water	—	—	—	—	—	—	—	—	—	—	—	116	403	520	12.0	0.29	—	905
Waste	—	—	—	—	—	—	—	—	—	—	—	134	0.00	134	13.4	0.00	—	470
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.03	0.03
Total	2.21	7.79	15.4	24.1	0.17	0.33	9.57	9.90	0.32	2.47	2.79	251	20,819	21,070	26.0	2.21	1.56	22,381
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	2.06	1.66	14.2	23.8	0.16	0.23	9.57	9.79	0.22	2.47	2.69	—	17,331	17,331	0.34	1.91	25.6	17,934
Area	1.40	7.34	0.07	7.89	< 0.005	0.01	—	0.01	0.01	—	0.01	—	32.5	32.5	< 0.005	< 0.005	—	32.6
Energy	0.15	0.08	1.38	1.16	0.01	0.11	—	0.11	0.11	—	0.11	—	3,151	3,151	0.29	0.02	—	3,164
Water	—	—	—	—	—	—	—	—	—	—	—	116	403	520	12.0	0.29	—	905

Waste	—	—	—	—	—	—	—	—	—	—	—	134	0.00	134	13.4	0.00	—	470
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.03	0.03
Total	3.61	9.08	15.6	32.9	0.17	0.35	9.57	9.91	0.33	2.47	2.80	251	20,918	21,169	26.0	2.22	25.6	22,505
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.38	0.30	2.59	4.34	0.03	0.04	1.75	1.79	0.04	0.45	0.49	—	2,869	2,869	0.06	0.32	4.24	2,969
Area	0.26	1.34	0.01	1.44	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	5.38	5.38	< 0.005	< 0.005	—	5.39
Energy	0.03	0.01	0.25	0.21	< 0.005	0.02	—	0.02	0.02	—	0.02	—	522	522	0.05	< 0.005	—	524
Water	—	—	—	—	—	—	—	—	—	—	—	19.3	66.8	86.0	1.98	0.05	—	150
Waste	—	—	—	—	—	—	—	—	—	—	—	22.2	0.00	22.2	2.22	0.00	—	77.7
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005
Total	0.66	1.66	2.85	6.00	0.03	0.06	1.75	1.81	0.06	0.45	0.51	41.5	3,463	3,505	4.31	0.37	4.24	3,726

2.6. Operations Emissions by Sector, Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Sector	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	2.13	1.73	13.3	28.1	0.17	0.23	9.57	9.79	0.22	2.47	2.69	—	17,732	17,732	0.34	1.90	59.3	18,365
Area	2.05	7.94	0.10	11.5	< 0.005	0.02	—	0.02	0.02	—	0.02	—	47.4	47.4	< 0.005	< 0.005	—	47.6
Energy	0.15	0.08	1.38	1.16	0.01	0.11	—	0.11	0.11	—	0.11	—	1,652	1,652	0.15	< 0.005	—	1,656
Water	—	—	—	—	—	—	—	—	—	—	—	116	403	520	12.0	0.29	—	905
Waste	—	—	—	—	—	—	—	—	—	—	—	33.6	0.00	33.6	3.35	0.00	—	117
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.03	0.03
Total	4.33	9.75	14.8	40.8	0.18	0.35	9.57	9.92	0.34	2.47	2.81	150	19,835	19,985	15.8	2.19	59.3	21,091
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	2.06	1.67	14.0	22.9	0.16	0.23	9.57	9.80	0.22	2.47	2.69	—	17,265	17,265	0.34	1.91	1.54	17,843

Area	—	6.05	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Energy	0.15	0.08	1.38	1.16	0.01	0.11	—	0.11	0.11	—	0.11	—	1,652	1,652	0.15	< 0.005	—	1,656
Water	—	—	—	—	—	—	—	—	—	—	—	116	403	520	12.0	0.29	—	905
Waste	—	—	—	—	—	—	—	—	—	—	—	33.6	0.00	33.6	3.35	0.00	—	117
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.03	0.03
Total	2.21	7.79	15.4	24.1	0.17	0.33	9.57	9.90	0.32	2.47	2.79	150	19,320	19,470	15.8	2.20	1.56	20,521
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	2.06	1.66	14.2	23.8	0.16	0.23	9.57	9.79	0.22	2.47	2.69	—	17,331	17,331	0.34	1.91	25.6	17,934
Area	1.40	7.34	0.07	7.89	< 0.005	0.01	—	0.01	0.01	—	0.01	—	32.5	32.5	< 0.005	< 0.005	—	32.6
Energy	0.15	0.08	1.38	1.16	0.01	0.11	—	0.11	0.11	—	0.11	—	1,652	1,652	0.15	< 0.005	—	1,656
Water	—	—	—	—	—	—	—	—	—	—	—	116	403	520	12.0	0.29	—	905
Waste	—	—	—	—	—	—	—	—	—	—	—	33.6	0.00	33.6	3.35	0.00	—	117
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.03	0.03
Total	3.61	9.08	15.6	32.9	0.17	0.35	9.57	9.91	0.33	2.47	2.80	150	19,419	19,569	15.8	2.20	25.6	20,645
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.38	0.30	2.59	4.34	0.03	0.04	1.75	1.79	0.04	0.45	0.49	—	2,869	2,869	0.06	0.32	4.24	2,969
Area	0.26	1.34	0.01	1.44	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	5.38	5.38	< 0.005	< 0.005	—	5.39
Energy	0.03	0.01	0.25	0.21	< 0.005	0.02	—	0.02	0.02	—	0.02	—	273	273	0.02	< 0.005	—	274
Water	—	—	—	—	—	—	—	—	—	—	—	19.3	66.8	86.0	1.98	0.05	—	150
Waste	—	—	—	—	—	—	—	—	—	—	—	5.56	0.00	5.56	0.56	0.00	—	19.4
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005
Total	0.66	1.66	2.85	6.00	0.03	0.06	1.75	1.81	0.06	0.45	0.51	24.8	3,215	3,240	2.62	0.36	4.24	3,418

3. Construction Emissions Details

3.1. Demolition (2024) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	3.12	2.62	24.9	21.7	0.03	1.06	—	1.06	0.98	—	0.98	—	3,425	3,425	0.14	0.03	—	3,437
Demolition	—	—	—	—	—	—	0.20	0.20	—	0.03	0.03	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.13	0.11	1.02	0.89	< 0.005	0.04	—	0.04	0.04	—	0.04	—	141	141	0.01	< 0.005	—	141
Demolition	—	—	—	—	—	—	0.01	0.01	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.19	0.16	< 0.005	0.01	—	0.01	0.01	—	0.01	—	23.3	23.3	< 0.005	< 0.005	—	23.4
Demolition	—	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	0.08	0.08	0.07	1.25	0.00	0.00	0.20	0.20	0.00	0.05	0.05	—	216	216	0.01	0.01	0.86	219
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.01	< 0.005	0.29	0.07	< 0.005	< 0.005	0.07	0.07	< 0.005	0.02	0.02	—	257	257	< 0.005	0.04	0.54	270
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.04	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	8.26	8.26	< 0.005	< 0.005	0.02	8.37
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	10.6	10.6	< 0.005	< 0.005	0.01	11.1
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.37	1.37	< 0.005	< 0.005	< 0.005	1.39
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	1.75	1.75	< 0.005	< 0.005	< 0.005	1.83

3.2. Demolition (2024) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.36	0.36	4.51	18.2	0.03	0.06	—	0.06	0.06	—	0.06	—	3,425	3,425	0.14	0.03	—	3,437
Demolition	—	—	—	—	—	—	0.20	0.20	—	0.03	0.03	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.19	0.75	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	141	141	0.01	< 0.005	—	141
Demolition	—	—	—	—	—	—	0.01	0.01	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.03	0.14	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	23.3	23.3	< 0.005	< 0.005	—	23.4
Demolition	—	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.08	0.08	0.07	1.25	0.00	0.00	0.20	0.20	0.00	0.05	0.05	—	216	216	0.01	0.01	0.86	219
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.01	< 0.005	0.29	0.07	< 0.005	< 0.005	0.07	0.07	< 0.005	0.02	0.02	—	257	257	< 0.005	0.04	0.54	270
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.04	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	8.26	8.26	< 0.005	< 0.005	0.02	8.37
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	10.6	10.6	< 0.005	< 0.005	0.01	11.1

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.37	1.37	< 0.005	< 0.005	< 0.005	1.39
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	1.75	1.75	< 0.005	< 0.005	< 0.005	1.83

3.3. Site Preparation (2024) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	4.34	3.65	36.0	32.9	0.05	1.60	—	1.60	1.47	—	1.47	—	5,296	5,296	0.21	0.04	—	5,314
Dust From Material Movement	—	—	—	—	—	—	5.11	5.11	—	2.63	2.63	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.18	0.15	1.48	1.35	< 0.005	0.07	—	0.07	0.06	—	0.06	—	218	218	0.01	< 0.005	—	218
Dust From Material Movement	—	—	—	—	—	—	0.21	0.21	—	0.11	0.11	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.03	0.27	0.25	< 0.005	0.01	—	0.01	0.01	—	0.01	—	36.0	36.0	< 0.005	< 0.005	—	36.2
Dust From Material Movement	—	—	—	—	—	—	0.04	0.04	—	0.02	0.02	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.10	0.09	0.08	1.46	0.00	0.00	0.23	0.23	0.00	0.05	0.05	—	252	252	0.01	0.01	1.00	256
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.05	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	9.63	9.63	< 0.005	< 0.005	0.02	9.77
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.60	1.60	< 0.005	< 0.005	< 0.005	1.62
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.4. Site Preparation (2024) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.50	0.50	2.59	28.3	0.05	0.10	—	0.10	0.10	—	0.10	—	5,296	5,296	0.21	0.04	—	5,314
Dust From Material Movement	—	—	—	—	—	—	5.11	5.11	—	2.63	2.63	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.11	1.16	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	218	218	0.01	< 0.005	—	218
Dust From Material Movement	—	—	—	—	—	—	0.21	0.21	—	0.11	0.11	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.02	0.21	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	36.0	36.0	< 0.005	< 0.005	—	36.2
Dust From Material Movement	—	—	—	—	—	—	0.04	0.04	—	0.02	0.02	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.10	0.09	0.08	1.46	0.00	0.00	0.23	0.23	0.00	0.05	0.05	—	252	252	0.01	0.01	1.00	256
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.05	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	9.63	9.63	< 0.005	< 0.005	0.02	9.77
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.60	1.60	< 0.005	< 0.005	< 0.005	1.62
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.5. Grading (2024) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	4.19	3.52	34.3	30.2	0.06	1.45	—	1.45	1.33	—	1.33	—	6,598	6,598	0.27	0.05	—	6,621

Dust From Material Movement	—	—	—	—	—	—	2.39	2.39	—	0.95	0.95	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.34	0.29	2.82	2.48	0.01	0.12	—	0.12	0.11	—	0.11	—	542	542	0.02	< 0.005	—	544
Dust From Material Movement	—	—	—	—	—	—	0.20	0.20	—	0.08	0.08	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.06	0.05	0.51	0.45	< 0.005	0.02	—	0.02	0.02	—	0.02	—	89.8	89.8	< 0.005	< 0.005	—	90.1
Dust From Material Movement	—	—	—	—	—	—	0.04	0.04	—	0.01	0.01	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.11	0.10	0.10	1.67	0.00	0.00	0.26	0.26	0.00	0.06	0.06	—	288	288	0.01	0.01	1.14	292
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.11	0.00	0.00	0.02	0.02	0.00	0.01	0.01	—	22.0	22.0	< 0.005	< 0.005	0.04	22.3
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.02	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	3.65	3.65	< 0.005	< 0.005	0.01	3.70
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.6. Grading (2024) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.64	0.64	4.43	35.3	0.06	0.12	—	0.12	0.12	—	0.12	—	6,598	6,598	0.27	0.05	—	6,621
Dust From Material Movement	—	—	—	—	—	—	2.39	2.39	—	0.95	0.95	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.05	0.05	0.36	2.91	0.01	0.01	—	0.01	0.01	—	0.01	—	542	542	0.02	< 0.005	—	544
Dust From Material Movement	—	—	—	—	—	—	0.20	0.20	—	0.08	0.08	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.07	0.53	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	89.8	89.8	< 0.005	< 0.005	—	90.1
Dust From Material Movement	—	—	—	—	—	—	0.04	0.04	—	0.01	0.01	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.11	0.10	0.10	1.67	0.00	0.00	0.26	0.26	0.00	0.06	0.06	—	288	288	0.01	0.01	1.14	292
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.11	0.00	0.00	0.02	0.02	0.00	0.01	0.01	—	22.0	22.0	< 0.005	< 0.005	0.04	22.3
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.02	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	3.65	3.65	< 0.005	< 0.005	0.01	3.70
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.7. Building Construction (2024) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.44	1.20	11.2	13.1	0.02	0.50	—	0.50	0.46	—	0.46	—	2,398	2,398	0.10	0.02	—	2,406
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.44	1.20	11.2	13.1	0.02	0.50	—	0.50	0.46	—	0.46	—	2,398	2,398	0.10	0.02	—	2,406
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.37	0.31	2.92	3.41	0.01	0.13	—	0.13	0.12	—	0.12	—	624	624	0.03	0.01	—	626
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.07	0.06	0.53	0.62	< 0.005	0.02	—	0.02	0.02	—	0.02	—	103	103	< 0.005	< 0.005	—	104
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.62	0.56	0.53	9.20	0.00	0.00	1.44	1.44	0.00	0.34	0.34	—	1,586	1,586	0.07	0.05	6.29	1,611
Vendor	0.06	0.04	1.53	0.48	0.01	0.02	0.37	0.39	0.02	0.10	0.12	—	1,349	1,349	0.03	0.20	3.80	1,414
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.59	0.53	0.63	6.96	0.00	0.00	1.44	1.44	0.00	0.34	0.34	—	1,458	1,458	0.07	0.05	0.16	1,476
Vendor	0.06	0.04	1.60	0.49	0.01	0.02	0.37	0.39	0.02	0.10	0.12	—	1,350	1,350	0.03	0.20	0.10	1,411
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.15	0.14	0.16	1.91	0.00	0.00	0.37	0.37	0.00	0.09	0.09	—	384	384	0.02	0.01	0.71	390
Vendor	0.02	0.01	0.42	0.13	< 0.005	0.01	0.10	0.10	0.01	0.03	0.03	—	351	351	0.01	0.05	0.43	367
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.03	0.03	0.35	0.00	0.00	0.07	0.07	0.00	0.02	0.02	—	63.6	63.6	< 0.005	< 0.005	0.12	64.5
Vendor	< 0.005	< 0.005	0.08	0.02	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	0.01	—	58.1	58.1	< 0.005	0.01	0.07	60.8
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.8. Building Construction (2024) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e

Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.35	0.33	2.83	14.8	0.02	0.08	—	0.08	0.07	—	0.07	—	2,398	2,398	0.10	0.02	—	2,406
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.35	0.33	2.83	14.8	0.02	0.08	—	0.08	0.07	—	0.07	—	2,398	2,398	0.10	0.02	—	2,406
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.09	0.09	0.74	3.86	0.01	0.02	—	0.02	0.02	—	0.02	—	624	624	0.03	0.01	—	626
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.13	0.70	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	103	103	< 0.005	< 0.005	—	104
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.62	0.56	0.53	9.20	0.00	0.00	1.44	1.44	0.00	0.34	0.34	—	1,586	1,586	0.07	0.05	6.29	1,611
Vendor	0.06	0.04	1.53	0.48	0.01	0.02	0.37	0.39	0.02	0.10	0.12	—	1,349	1,349	0.03	0.20	3.80	1,414
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.59	0.53	0.63	6.96	0.00	0.00	1.44	1.44	0.00	0.34	0.34	—	1,458	1,458	0.07	0.05	0.16	1,476
Vendor	0.06	0.04	1.60	0.49	0.01	0.02	0.37	0.39	0.02	0.10	0.12	—	1,350	1,350	0.03	0.20	0.10	1,411
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.15	0.14	0.16	1.91	0.00	0.00	0.37	0.37	0.00	0.09	0.09	—	384	384	0.02	0.01	0.71	390
Vendor	0.02	0.01	0.42	0.13	< 0.005	0.01	0.10	0.10	0.01	0.03	0.03	—	351	351	0.01	0.05	0.43	367
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.03	0.03	0.35	0.00	0.00	0.07	0.07	0.00	0.02	0.02	—	63.6	63.6	< 0.005	< 0.005	0.12	64.5
Vendor	< 0.005	< 0.005	0.08	0.02	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	0.01	—	58.1	58.1	< 0.005	0.01	0.07	60.8
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.9. Paving (2024) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.01	0.85	7.81	10.0	0.01	0.39	—	0.39	0.36	—	0.36	—	1,512	1,512	0.06	0.01	—	1,517
Paving	—	0.95	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.04	0.03	0.32	0.41	< 0.005	0.02	—	0.02	0.01	—	0.01	—	62.1	62.1	< 0.005	< 0.005	—	62.3
Paving	—	0.04	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.06	0.08	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	10.3	10.3	< 0.005	< 0.005	—	10.3
Paving	—	0.01	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.08	0.07	0.09	0.95	0.00	0.00	0.20	0.20	0.00	0.05	0.05	—	198	198	0.01	0.01	0.02	201
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.04	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	8.26	8.26	< 0.005	< 0.005	0.02	8.37
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.37	1.37	< 0.005	< 0.005	< 0.005	1.39

Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.10. Paving (2024) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.16	0.16	1.93	10.6	0.01	0.03	—	0.03	0.03	—	0.03	—	1,512	1,512	0.06	0.01	—	1,517
Paving	—	0.95	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.08	0.44	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	62.1	62.1	< 0.005	< 0.005	—	62.3
Paving	—	0.04	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.01	0.08	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	10.3	10.3	< 0.005	< 0.005	—	10.3
Paving	—	0.01	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.08	0.07	0.09	0.95	0.00	0.00	0.20	0.20	0.00	0.05	0.05	—	198	198	0.01	0.01	0.02	201
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.04	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	8.26	8.26	< 0.005	< 0.005	0.02	8.37
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.37	1.37	< 0.005	< 0.005	< 0.005	1.39
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.11. Architectural Coating (2024) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.17	0.14	0.91	1.15	< 0.005	0.03	—	0.03	0.03	—	0.03	—	134	134	0.01	< 0.005	—	134
Architectural Coatings	—	43.5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.01	0.02	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	1.83	1.83	< 0.005	< 0.005	—	1.84
Architectural Coatings	—	0.60	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.30	0.30	< 0.005	< 0.005	—	0.30
Architectural Coatings	—	0.11	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.12	0.11	0.13	1.39	0.00	0.00	0.29	0.29	0.00	0.07	0.07	—	292	292	0.01	0.01	0.03	295
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.02	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	4.05	4.05	< 0.005	< 0.005	0.01	4.10
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.67	0.67	< 0.005	< 0.005	< 0.005	0.68
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.12. Architectural Coating (2024) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.17	0.14	0.91	1.15	< 0.005	0.03	—	0.03	0.03	—	0.03	—	134	134	0.01	< 0.005	—	134
Architectural Coatings	—	10.8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.01	0.02	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	1.83	1.83	< 0.005	< 0.005	—	1.84

Architect Coatings	—	0.15	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.30	0.30	< 0.005	< 0.005	—	0.30
Architectural Coatings	—	0.03	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.12	0.11	0.13	1.39	0.00	0.00	0.29	0.29	0.00	0.07	0.07	—	292	292	0.01	0.01	0.03	295
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.02	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	4.05	4.05	< 0.005	< 0.005	0.01	4.10
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.67	0.67	< 0.005	< 0.005	< 0.005	0.68
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.13. Architectural Coating (2025) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.15	0.13	0.88	1.14	< 0.005	0.03	—	0.03	0.03	—	0.03	—	134	134	0.01	< 0.005	—	134
Architectural Coatings	—	43.5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.06	0.08	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	9.15	9.15	< 0.005	< 0.005	—	9.18
Architectural Coatings	—	2.98	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	1.51	1.51	< 0.005	< 0.005	—	1.52
Architectural Coatings	—	0.54	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.10	0.09	0.11	1.29	0.00	0.00	0.29	0.29	0.00	0.07	0.07	—	286	286	0.01	0.01	0.03	289
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.09	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	—	19.8	19.8	< 0.005	< 0.005	0.03	20.1
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.02	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	3.28	3.28	< 0.005	< 0.005	0.01	3.33
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.14. Architectural Coating (2025) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.15	0.13	0.88	1.14	< 0.005	0.03	—	0.03	0.03	—	0.03	—	134	134	0.01	< 0.005	—	134
Architectural Coatings	—	10.8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.06	0.08	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	9.15	9.15	< 0.005	< 0.005	—	9.18
Architectural Coatings	—	0.74	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	1.51	1.51	< 0.005	< 0.005	—	1.52
Architectural Coatings	—	0.13	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.10	0.09	0.11	1.29	0.00	0.00	0.29	0.29	0.00	0.07	0.07	—	286	286	0.01	0.01	0.03	289

Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.09	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	—	19.8	19.8	< 0.005	< 0.005	0.03	20.1
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.02	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	3.28	3.28	< 0.005	< 0.005	0.01	3.33
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

4. Operations Emissions Details

4.1. Mobile Emissions by Land Use

4.1.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.49	0.28	11.8	2.82	0.11	0.20	3.56	3.75	0.19	0.95	1.14	—	11,592	11,592	0.18	1.76	34.4	12,155
General Office Building	1.64	1.46	1.52	25.3	0.06	0.03	6.01	6.04	0.03	1.52	1.55	—	6,140	6,140	0.16	0.14	24.9	6,209

Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Total	2.13	1.73	13.3	28.1	0.17	0.23	9.57	9.79	0.22	2.47	2.69	—	17,732	17,732	0.34	1.90	59.3	18,365
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.48	0.27	12.3	2.84	0.11	0.20	3.56	3.75	0.19	0.95	1.14	—	11,595	11,595	0.18	1.76	0.89	12,125
General Office Building	1.58	1.40	1.67	20.1	0.06	0.03	6.01	6.04	0.03	1.52	1.55	—	5,670	5,670	0.16	0.15	0.65	5,718
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Total	2.06	1.67	14.0	22.9	0.16	0.23	9.57	9.80	0.22	2.47	2.69	—	17,265	17,265	0.34	1.91	1.54	17,843
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.09	0.05	2.27	0.52	0.02	0.04	0.65	0.68	0.03	0.17	0.21	—	1,919	1,919	0.03	0.29	2.46	2,009
General Office Building	0.29	0.25	0.31	3.83	0.01	0.01	1.10	1.10	0.01	0.28	0.28	—	950	950	0.03	0.02	1.78	960
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.38	0.30	2.59	4.34	0.03	0.04	1.75	1.79	0.04	0.45	0.49	—	2,869	2,869	0.06	0.32	4.24	2,969

4.1.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.49	0.28	11.8	2.82	0.11	0.20	3.56	3.75	0.19	0.95	1.14	—	11,592	11,592	0.18	1.76	34.4	12,155
General Office Building	1.64	1.46	1.52	25.3	0.06	0.03	6.01	6.04	0.03	1.52	1.55	—	6,140	6,140	0.16	0.14	24.9	6,209
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Total	2.13	1.73	13.3	28.1	0.17	0.23	9.57	9.79	0.22	2.47	2.69	—	17,732	17,732	0.34	1.90	59.3	18,365
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.48	0.27	12.3	2.84	0.11	0.20	3.56	3.75	0.19	0.95	1.14	—	11,595	11,595	0.18	1.76	0.89	12,125
General Office Building	1.58	1.40	1.67	20.1	0.06	0.03	6.01	6.04	0.03	1.52	1.55	—	5,670	5,670	0.16	0.15	0.65	5,718
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Total	2.06	1.67	14.0	22.9	0.16	0.23	9.57	9.80	0.22	2.47	2.69	—	17,265	17,265	0.34	1.91	1.54	17,843
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.09	0.05	2.27	0.52	0.02	0.04	0.65	0.68	0.03	0.17	0.21	—	1,919	1,919	0.03	0.29	2.46	2,009

General Office Building	0.29	0.25	0.31	3.83	0.01	0.01	1.10	1.10	0.01	0.28	0.28	—	950	950	0.03	0.02	1.78	960
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.38	0.30	2.59	4.34	0.03	0.04	1.75	1.79	0.04	0.45	0.49	—	2,869	2,869	0.06	0.32	4.24	2,969

4.2. Energy

4.2.1. Electricity Emissions By Land Use - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	1,117	1,117	0.11	0.01	—	1,123
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	183	183	0.02	< 0.005	—	184
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	199	199	0.02	< 0.005	—	200
Total	—	—	—	—	—	—	—	—	—	—	—	—	1,499	1,499	0.14	0.02	—	1,508
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	1,117	1,117	0.11	0.01	—	1,123

General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	183	183	0.02	< 0.005	—	184
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	199	199	0.02	< 0.005	—	200
Total	—	—	—	—	—	—	—	—	—	—	—	—	1,499	1,499	0.14	0.02	—	1,508
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	185	185	0.02	< 0.005	—	186
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	30.3	30.3	< 0.005	< 0.005	—	30.5
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	33.0	33.0	< 0.005	< 0.005	—	33.2
Total	—	—	—	—	—	—	—	—	—	—	—	—	248	248	0.02	< 0.005	—	250

4.2.2. Electricity Emissions By Land Use - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005

Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005

4.2.3. Natural Gas Emissions By Land Use - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.14	0.07	1.30	1.09	0.01	0.10	—	0.10	0.10	—	0.10	—	1,555	1,555	0.14	< 0.005	—	1,559
General Office Building	0.01	< 0.005	0.08	0.07	< 0.005	0.01	—	0.01	0.01	—	0.01	—	97.3	97.3	0.01	< 0.005	—	97.5
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.15	0.08	1.38	1.16	0.01	0.11	—	0.11	0.11	—	0.11	—	1,652	1,652	0.15	< 0.005	—	1,656
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.14	0.07	1.30	1.09	0.01	0.10	—	0.10	0.10	—	0.10	—	1,555	1,555	0.14	< 0.005	—	1,559
General Office Building	0.01	< 0.005	0.08	0.07	< 0.005	0.01	—	0.01	0.01	—	0.01	—	97.3	97.3	0.01	< 0.005	—	97.5
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.15	0.08	1.38	1.16	0.01	0.11	—	0.11	0.11	—	0.11	—	1,652	1,652	0.15	< 0.005	—	1,656
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.03	0.01	0.24	0.20	< 0.005	0.02	—	0.02	0.02	—	0.02	—	257	257	0.02	< 0.005	—	258

General Office Building	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	16.1	16.1	< 0.005	< 0.005	—	16.1
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.03	0.01	0.25	0.21	< 0.005	0.02	—	0.02	0.02	—	0.02	—	273	273	0.02	< 0.005	—	274

4.2.4. Natural Gas Emissions By Land Use - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.14	0.07	1.30	1.09	0.01	0.10	—	0.10	0.10	—	0.10	—	1,555	1,555	0.14	< 0.005	—	1,559
General Office Building	0.01	< 0.005	0.08	0.07	< 0.005	0.01	—	0.01	0.01	—	0.01	—	97.3	97.3	0.01	< 0.005	—	97.5
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.15	0.08	1.38	1.16	0.01	0.11	—	0.11	0.11	—	0.11	—	1,652	1,652	0.15	< 0.005	—	1,656
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.14	0.07	1.30	1.09	0.01	0.10	—	0.10	0.10	—	0.10	—	1,555	1,555	0.14	< 0.005	—	1,559

General Office Building	0.01	< 0.005	0.08	0.07	< 0.005	0.01	—	0.01	0.01	—	0.01	—	97.3	97.3	0.01	< 0.005	—	97.5
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.15	0.08	1.38	1.16	0.01	0.11	—	0.11	0.11	—	0.11	—	1,652	1,652	0.15	< 0.005	—	1,656
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.03	0.01	0.24	0.20	< 0.005	0.02	—	0.02	0.02	—	0.02	—	257	257	0.02	< 0.005	—	258
General Office Building	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	16.1	16.1	< 0.005	< 0.005	—	16.1
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.03	0.01	0.25	0.21	< 0.005	0.02	—	0.02	0.02	—	0.02	—	273	273	0.02	< 0.005	—	274

4.3. Area Emissions by Source

4.3.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Source	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	—	5.69	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	0.36	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Landsca Equipment	2.05	1.89	0.10	11.5	< 0.005	0.02	—	0.02	0.02	—	0.02	—	47.4	47.4	< 0.005	< 0.005	—	47.6
Total	2.05	7.94	0.10	11.5	< 0.005	0.02	—	0.02	0.02	—	0.02	—	47.4	47.4	< 0.005	< 0.005	—	47.6
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consum er Products	—	5.69	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architect ural Coatings	—	0.36	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	6.05	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consum er Products	—	1.04	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architect ural Coatings	—	0.07	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landsca pe Equipme nt	0.26	0.24	0.01	1.44	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	5.38	5.38	< 0.005	< 0.005	—	5.39
Total	0.26	1.34	0.01	1.44	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	5.38	5.38	< 0.005	< 0.005	—	5.39

4.3.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Source	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Consumer Products	—	5.69	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	0.36	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	2.05	1.89	0.10	11.5	< 0.005	0.02	—	0.02	0.02	—	0.02	—	47.4	47.4	< 0.005	< 0.005	—	47.6
Total	2.05	7.94	0.10	11.5	< 0.005	0.02	—	0.02	0.02	—	0.02	—	47.4	47.4	< 0.005	< 0.005	—	47.6
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	—	5.69	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	0.36	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	6.05	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	—	1.04	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	0.07	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.26	0.24	0.01	1.44	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	5.38	5.38	< 0.005	< 0.005	—	5.39
Total	0.26	1.34	0.01	1.44	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	5.38	5.38	< 0.005	< 0.005	—	5.39

4.4. Water Emissions by Land Use

4.4.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	113	391	503	11.6	0.28	—	876
General Office Building	—	—	—	—	—	—	—	—	—	—	—	3.75	12.7	16.5	0.39	0.01	—	28.9
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	116	403	520	12.0	0.29	—	905
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	113	391	503	11.6	0.28	—	876
General Office Building	—	—	—	—	—	—	—	—	—	—	—	3.75	12.7	16.5	0.39	0.01	—	28.9
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	116	403	520	12.0	0.29	—	905

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	18.6	64.7	83.3	1.92	0.05	—	145
General Office Building	—	—	—	—	—	—	—	—	—	—	—	0.62	2.10	2.72	0.06	< 0.005	—	4.78
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	19.3	66.8	86.0	1.98	0.05	—	150

4.4.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	113	391	503	11.6	0.28	—	876
General Office Building	—	—	—	—	—	—	—	—	—	—	—	3.75	12.7	16.5	0.39	0.01	—	28.9
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	116	403	520	12.0	0.29	—	905
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Unrefrige Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	113	391	503	11.6	0.28	—	876
General Office Building	—	—	—	—	—	—	—	—	—	—	—	3.75	12.7	16.5	0.39	0.01	—	28.9
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	116	403	520	12.0	0.29	—	905
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrige rated Warehou se-No Rail	—	—	—	—	—	—	—	—	—	—	—	18.6	64.7	83.3	1.92	0.05	—	145
General Office Building	—	—	—	—	—	—	—	—	—	—	—	0.62	2.10	2.72	0.06	< 0.005	—	4.78
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	19.3	66.8	86.0	1.98	0.05	—	150

4.5. Waste Emissions by Land Use

4.5.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Unrefrigerated Warehouse-No	—	—	—	—	—	—	—	—	—	—	—	129	0.00	129	12.9	0.00	—	450
General Office Building	—	—	—	—	—	—	—	—	—	—	—	5.51	0.00	5.51	0.55	0.00	—	19.3
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	134	0.00	134	13.4	0.00	—	470
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	129	0.00	129	12.9	0.00	—	450
General Office Building	—	—	—	—	—	—	—	—	—	—	—	5.51	0.00	5.51	0.55	0.00	—	19.3
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	134	0.00	134	13.4	0.00	—	470
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	21.3	0.00	21.3	2.13	0.00	—	74.6
General Office Building	—	—	—	—	—	—	—	—	—	—	—	0.91	0.00	0.91	0.09	0.00	—	3.19
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	22.2	0.00	22.2	2.22	0.00	—	77.7

4.5.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	32.2	0.00	32.2	3.22	0.00	—	113
General Office Building	—	—	—	—	—	—	—	—	—	—	—	1.38	0.00	1.38	0.14	0.00	—	4.82
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	33.6	0.00	33.6	3.35	0.00	—	117
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	32.2	0.00	32.2	3.22	0.00	—	113
General Office Building	—	—	—	—	—	—	—	—	—	—	—	1.38	0.00	1.38	0.14	0.00	—	4.82
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	33.6	0.00	33.6	3.35	0.00	—	117
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Unrefrigerated	—	—	—	—	—	—	—	—	—	—	—	5.33	0.00	5.33	0.53	0.00	—	18.6
General Office Building	—	—	—	—	—	—	—	—	—	—	—	0.23	0.00	0.23	0.02	0.00	—	0.80
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	5.56	0.00	5.56	0.56	0.00	—	19.4

4.6. Refrigerant Emissions by Land Use

4.6.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.03	0.03
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.03	0.03
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.03	0.03
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.03	0.03
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005

Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005

4.6.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.03	0.03
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.03	0.03
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.03	0.03
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.03	0.03
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005

4.7. Offroad Emissions By Equipment Type

4.7.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.7.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.8. Stationary Emissions By Equipment Type

4.8.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.8.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.9. User Defined Emissions By Equipment Type

4.9.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.9.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Vegetation	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.2. Above and Belowground Carbon Accumulation by Land Use Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Species	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.4. Soil Carbon Accumulation By Vegetation Type - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Vegetation	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.5. Above and Belowground Carbon Accumulation by Land Use Type - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.6. Avoided and Sequestered Emissions by Species - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Species	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

5. Activity Data

5.1. Construction Schedule

Phase Name	Phase Type	Start Date	End Date	Days Per Week	Work Days per Phase	Phase Description
Demolition	Demolition	5/1/2024	5/21/2024	5.00	15.0	—
Site Preparation	Site Preparation	5/22/2024	6/11/2024	5.00	15.0	—
Grading	Grading	6/12/2024	7/23/2024	5.00	30.0	—
Building Construction	Building Construction	7/24/2024	12/3/2024	5.00	95.0	—

Paving	Paving	12/4/2024	12/24/2024	5.00	15.0	—
Architectural Coating	Architectural Coating	12/25/2024	2/4/2025	5.00	30.0	—

5.2. Off-Road Equipment

5.2.1. Unmitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Demolition	Rubber Tired Dozers	Diesel	Average	2.00	8.00	367	0.40
Demolition	Excavators	Diesel	Average	3.00	8.00	36.0	0.38
Demolition	Concrete/Industrial Saws	Diesel	Average	1.00	8.00	33.0	0.73
Site Preparation	Rubber Tired Dozers	Diesel	Average	3.00	8.00	367	0.40
Site Preparation	Tractors/Loaders/Backhoes	Diesel	Average	4.00	8.00	84.0	0.37
Grading	Graders	Diesel	Average	1.00	8.00	148	0.41
Grading	Excavators	Diesel	Average	2.00	8.00	36.0	0.38
Grading	Tractors/Loaders/Backhoes	Diesel	Average	2.00	8.00	84.0	0.37
Grading	Scrapers	Diesel	Average	2.00	8.00	423	0.48
Grading	Rubber Tired Dozers	Diesel	Average	1.00	8.00	367	0.40
Building Construction	Forklifts	Diesel	Average	3.00	8.00	82.0	0.20
Building Construction	Generator Sets	Diesel	Average	1.00	8.00	14.0	0.74
Building Construction	Cranes	Diesel	Average	1.00	7.00	367	0.29
Building Construction	Welders	Diesel	Average	1.00	8.00	46.0	0.45
Building Construction	Tractors/Loaders/Backhoes	Diesel	Average	3.00	7.00	84.0	0.37
Paving	Pavers	Diesel	Average	2.00	8.00	81.0	0.42
Paving	Paving Equipment	Diesel	Average	2.00	8.00	89.0	0.36
Paving	Rollers	Diesel	Average	2.00	8.00	36.0	0.38

Architectural Coating	Air Compressors	Diesel	Average	1.00	6.00	37.0	0.48

5.2.2. Mitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Demolition	Rubber Tired Dozers	Diesel	Tier 4 Final	2.00	8.00	367	0.40
Demolition	Excavators	Diesel	Tier 4 Final	3.00	8.00	36.0	0.38
Demolition	Concrete/Industrial Saws	Diesel	Tier 4 Final	1.00	8.00	33.0	0.73
Site Preparation	Rubber Tired Dozers	Diesel	Tier 4 Final	3.00	8.00	367	0.40
Site Preparation	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	4.00	8.00	84.0	0.37
Grading	Graders	Diesel	Tier 4 Final	1.00	8.00	148	0.41
Grading	Excavators	Diesel	Tier 4 Final	2.00	8.00	36.0	0.38
Grading	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	2.00	8.00	84.0	0.37
Grading	Scrapers	Diesel	Tier 4 Final	2.00	8.00	423	0.48
Grading	Rubber Tired Dozers	Diesel	Tier 4 Final	1.00	8.00	367	0.40
Building Construction	Forklifts	Diesel	Tier 4 Final	3.00	8.00	82.0	0.20
Building Construction	Generator Sets	Diesel	Average	1.00	8.00	14.0	0.74
Building Construction	Cranes	Diesel	Tier 4 Final	1.00	7.00	367	0.29
Building Construction	Welders	Diesel	Tier 4 Final	1.00	8.00	46.0	0.45
Building Construction	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	3.00	7.00	84.0	0.37
Paving	Pavers	Diesel	Tier 4 Final	2.00	8.00	81.0	0.42
Paving	Paving Equipment	Diesel	Tier 4 Final	2.00	8.00	89.0	0.36
Paving	Rollers	Diesel	Tier 4 Final	2.00	8.00	36.0	0.38
Architectural Coating	Air Compressors	Diesel	Average	1.00	6.00	37.0	0.48

5.3. Construction Vehicles

5.3.1. Unmitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Demolition	—	—	—	—
Demolition	Worker	15.0	18.5	LDA,LDT1,LDT2
Demolition	Vendor	—	10.2	HHDT,MHDT
Demolition	Hauling	3.67	20.0	HHDT
Demolition	Onsite truck	—	—	HHDT
Site Preparation	—	—	—	—
Site Preparation	Worker	17.5	18.5	LDA,LDT1,LDT2
Site Preparation	Vendor	—	10.2	HHDT,MHDT
Site Preparation	Hauling	0.00	20.0	HHDT
Site Preparation	Onsite truck	—	—	HHDT
Grading	—	—	—	—
Grading	Worker	20.0	18.5	LDA,LDT1,LDT2
Grading	Vendor	—	10.2	HHDT,MHDT
Grading	Hauling	0.00	20.0	HHDT
Grading	Onsite truck	—	—	HHDT
Building Construction	—	—	—	—
Building Construction	Worker	110	18.5	LDA,LDT1,LDT2
Building Construction	Vendor	43.4	10.2	HHDT,MHDT
Building Construction	Hauling	0.00	20.0	HHDT
Building Construction	Onsite truck	—	—	HHDT
Paving	—	—	—	—
Paving	Worker	15.0	18.5	LDA,LDT1,LDT2
Paving	Vendor	—	10.2	HHDT,MHDT

Paving	Hauling	0.00	20.0	HHDT
Paving	Onsite truck	—	—	HHDT
Architectural Coating	—	—	—	—
Architectural Coating	Worker	22.0	18.5	LDA,LDT1,LDT2
Architectural Coating	Vendor	—	10.2	HHDT,MHDT
Architectural Coating	Hauling	0.00	20.0	HHDT
Architectural Coating	Onsite truck	—	—	HHDT

5.3.2. Mitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Demolition	—	—	—	—
Demolition	Worker	15.0	18.5	LDA,LDT1,LDT2
Demolition	Vendor	—	10.2	HHDT,MHDT
Demolition	Hauling	3.67	20.0	HHDT
Demolition	Onsite truck	—	—	HHDT
Site Preparation	—	—	—	—
Site Preparation	Worker	17.5	18.5	LDA,LDT1,LDT2
Site Preparation	Vendor	—	10.2	HHDT,MHDT
Site Preparation	Hauling	0.00	20.0	HHDT
Site Preparation	Onsite truck	—	—	HHDT
Grading	—	—	—	—
Grading	Worker	20.0	18.5	LDA,LDT1,LDT2
Grading	Vendor	—	10.2	HHDT,MHDT
Grading	Hauling	0.00	20.0	HHDT
Grading	Onsite truck	—	—	HHDT
Building Construction	—	—	—	—
Building Construction	Worker	110	18.5	LDA,LDT1,LDT2

Building Construction	Vendor	43.4	10.2	HHDT,MHDT
Building Construction	Hauling	0.00	20.0	HHDT
Building Construction	Onsite truck	—	—	HHDT
Paving	—	—	—	—
Paving	Worker	15.0	18.5	LDA,LDT1,LDT2
Paving	Vendor	—	10.2	HHDT,MHDT
Paving	Hauling	0.00	20.0	HHDT
Paving	Onsite truck	—	—	HHDT
Architectural Coating	—	—	—	—
Architectural Coating	Worker	22.0	18.5	LDA,LDT1,LDT2
Architectural Coating	Vendor	—	10.2	HHDT,MHDT
Architectural Coating	Hauling	0.00	20.0	HHDT
Architectural Coating	Onsite truck	—	—	HHDT

5.4. Vehicles

5.4.1. Construction Vehicle Control Strategies

Control Strategies Applied	PM10 Reduction	PM2.5 Reduction
Water unpaved roads twice daily	55%	55%
Limit vehicle speeds on unpaved roads to 25 mph	44%	44%

5.5. Architectural Coatings

Phase Name	Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
Architectural Coating	0.00	0.00	397,587	132,529	16,658

5.6. Dust Mitigation

5.6.1. Construction Earthmoving Activities

Phase Name	Material Imported (Cubic Yards)	Material Exported (Cubic Yards)	Acres Graded (acres)	Material Demolished (Ton of Debris)	Acres Paved (acres)
Demolition	0.00	0.00	0.00	218	—
Site Preparation	0.00	0.00	22.5	0.00	—
Grading	0.00	0.00	90.0	0.00	—
Paving	0.00	0.00	0.00	0.00	5.46

5.6.2. Construction Earthmoving Control Strategies

Control Strategies Applied	Frequency (per day)	PM10 Reduction	PM2.5 Reduction
Water Exposed Area	3	74%	74%
Water Demolished Area	2	36%	36%

5.7. Construction Paving

Land Use	Area Paved (acres)	% Asphalt
Unrefrigerated Warehouse-No Rail	0.00	0%
General Office Building	0.00	0%
Parking Lot	5.46	100%

5.8. Construction Electricity Consumption and Emissions Factors

kWh per Year and Emission Factor (lb/MWh)

Year	kWh per Year	CO2	CH4	N2O
2024	0.00	349	0.03	< 0.005
2025	0.00	349	0.03	< 0.005

5.9. Operational Mobile Sources

5.9.1. Unmitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year
Unrefrigerated Warehouse-No Rail	123	123	123	44,891	4,083	4,083	4,083	1,490,386
General Office Building	332	332	332	121,180	8,586	8,586	8,586	3,134,008
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

5.9.2. Mitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year
Unrefrigerated Warehouse-No Rail	123	123	123	44,891	4,083	4,083	4,083	1,490,386
General Office Building	332	332	332	121,180	8,586	8,586	8,586	3,134,008
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

5.10. Operational Area Sources

5.10.1. Hearths

5.10.1.1. Unmitigated

5.10.1.2. Mitigated

5.10.2. Architectural Coatings

Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
0	0.00	397,587	132,529	16,658

5.10.3. Landscape Equipment

Season	Unit	Value
Snow Days	day/yr	0.00
Summer Days	day/yr	250

5.10.4. Landscape Equipment - Mitigated

Season	Unit	Value
Snow Days	day/yr	0.00
Summer Days	day/yr	250

5.11. Operational Energy Consumption

5.11.1. Unmitigated

Electricity (kWh/yr) and CO2 and CH4 and N2O and Natural Gas (kBTU/yr)

Land Use	Electricity (kWh/yr)	CO2	CH4	N2O	Natural Gas (kBTU/yr)
Unrefrigerated Warehouse-No Rail	1,169,264	349	0.0330	0.0040	4,850,522
General Office Building	191,875	349	0.0330	0.0040	303,453
Parking Lot	208,430	349	0.0330	0.0040	0.00

5.11.2. Mitigated

Electricity (kWh/yr) and CO2 and CH4 and N2O and Natural Gas (kBTU/yr)

Land Use	Electricity (kWh/yr)	CO2	CH4	N2O	Natural Gas (kBTU/yr)
Unrefrigerated Warehouse-No Rail	0.00	349	0.0330	0.0040	4,850,522
General Office Building	< 0.005	349	0.0330	0.0040	303,453
Parking Lot	0.00	349	0.0330	0.0040	0.00

5.12. Operational Water and Wastewater Consumption

5.12.1. Unmitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
Unrefrigerated Warehouse-No Rail	58,750,913	1,687,238
General Office Building	1,955,071	0.00
Parking Lot	0.00	0.00

5.12.2. Mitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
Unrefrigerated Warehouse-No Rail	58,750,913	1,687,238
General Office Building	1,955,071	0.00
Parking Lot	0.00	0.00

5.13. Operational Waste Generation

5.13.1. Unmitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
Unrefrigerated Warehouse-No Rail	239	—
General Office Building	10.2	—
Parking Lot	0.00	—

5.13.2. Mitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
Unrefrigerated Warehouse-No Rail	59.7	—
General Office Building	2.56	—

Parking Lot	0.00	—

5.14. Operational Refrigeration and Air Conditioning Equipment

5.14.1. Unmitigated

Land Use Type	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced
General Office Building	Household refrigerators and/or freezers	R-134a	1,430	0.02	0.60	0.00	1.00
General Office Building	Other commercial A/C and heat pumps	R-410A	2,088	< 0.005	4.00	4.00	18.0

5.14.2. Mitigated

Land Use Type	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced
General Office Building	Household refrigerators and/or freezers	R-134a	1,430	0.02	0.60	0.00	1.00
General Office Building	Other commercial A/C and heat pumps	R-410A	2,088	< 0.005	4.00	4.00	18.0

5.15. Operational Off-Road Equipment

5.15.1. Unmitigated

Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor

5.15.2. Mitigated

Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor

5.16. Stationary Sources

5.16.1. Emergency Generators and Fire Pumps

Equipment Type	Fuel Type	Number per Day	Hours per Day	Hours per Year	Horsepower	Load Factor

5.16.2. Process Boilers

Equipment Type	Fuel Type	Number	Boiler Rating (MMBtu/hr)	Daily Heat Input (MMBtu/day)	Annual Heat Input (MMBtu/yr)

5.17. User Defined

Equipment Type	Fuel Type

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1.2. Mitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.1.2. Mitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.2. Sequestration

5.18.2.1. Unmitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)

5.18.2.2. Mitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

Cal-Adapt midcentury 2040–2059 average projections for four hazards are reported below for your project location. These are under Representation Concentration Pathway (RCP) 8.5 which assumes GHG emissions will continue to rise strongly through 2050 and then plateau around 2100.

Climate Hazard	Result for Project Location	Unit
Temperature and Extreme Heat	27.9	annual days of extreme heat
Extreme Precipitation	2.60	annual days with precipitation above 20 mm
Sea Level Rise	0.00	meters of inundation depth
Wildfire	7.84	annual hectares burned

Temperature and Extreme Heat data are for grid cell in which your project are located. The projection is based on the 98th historical percentile of daily maximum/minimum temperatures from observed historical data (32 climate model ensemble from Cal-Adapt, 2040–2059 average under RCP 8.5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Extreme Precipitation data are for the grid cell in which your project are located. The threshold of 20 mm is equivalent to about ¾ an inch of rain, which would be light to moderate rainfall if received over a full day or heavy rain if received over a period of 2 to 4 hours. Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Sea Level Rise data are for the grid cell in which your project are located. The projections are from Radke et al. (2017), as reported in Cal-Adapt (2040–2059 average under RCP 8.5), and consider different increments of sea level rise coupled with extreme storm events. Users may select from four model simulations to view the range in potential inundation depth for the grid cell. The four simulations make different assumptions about expected rainfall and temperature are: Warmer/drier (HadGEM2-ES), Cooler/wetter (CNRM-CM5), Average conditions (CanESM2), Range of different rainfall and temperature possibilities (MIROC5). Each grid cell is 50 meters (m) by 50 m, or about 164 feet (ft) by 164 ft.

Wildfire data are for the grid cell in which your project are located. The projections are from UC Davis, as reported in Cal-Adapt (2040–2059 average under RCP 8.5), and consider historical data of climate, vegetation, population density, and large (> 400 ha) fire history. Users may select from four model simulations to view the range in potential wildfire probabilities for the grid cell. The four simulations make different assumptions about expected rainfall and temperature are: Warmer/drier (HadGEM2-ES), Cooler/wetter (CNRM-CM5), Average conditions (CanESM2), Range of different rainfall and temperature possibilities (MIROC5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

6.2. Initial Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	3	0	0	N/A
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	1	0	0	N/A
Wildfire	1	0	0	N/A
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	0	0	0	N/A

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores do not include implementation of climate risk reduction measures.

6.3. Adjusted Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	3	1	1	3
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	1	1	1	2
Wildfire	1	1	1	2
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A

Air Quality Degradation	1	1	1	2

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores include implementation of climate risk reduction measures.

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Exposure Indicators	—
AQ-Ozone	91.1
AQ-PM	51.4
AQ-DPM	21.5
Drinking Water	67.4
Lead Risk Housing	21.2
Pesticides	70.2
Toxic Releases	24.2
Traffic	74.1
Effect Indicators	—
CleanUp Sites	0.00
Groundwater	0.00
Haz Waste Facilities/Generators	50.1
Impaired Water Bodies	12.5
Solid Waste	22.1

Sensitive Population	—
Asthma	48.8
Cardio-vascular	78.2
Low Birth Weights	53.5
Socioeconomic Factor Indicators	—
Education	79.3
Housing	24.9
Linguistic	16.4
Poverty	46.8
Unemployment	73.4

7.2. Healthy Places Index Scores

The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Economic	—
Above Poverty	60.29770307
Employed	40.65186706
Median HI	53.71487232
Education	—
Bachelor's or higher	37.28987553
High school enrollment	21.68612858
Preschool enrollment	56.08879764
Transportation	—
Auto Access	87.47593995
Active commuting	24.03438984
Social	—
2-parent households	65.68715514

Voting	37.14872321
Neighborhood	—
Alcohol availability	82.31746439
Park access	26.70345182
Retail density	10.84306429
Supermarket access	22.85384319
Tree canopy	2.014628513
Housing	—
Homeownership	88.6179905
Housing habitability	84.80687797
Low-inc homeowner severe housing cost burden	74.63107917
Low-inc renter severe housing cost burden	62.78711664
Uncrowded housing	64.30129603
Health Outcomes	—
Insured adults	49.23649429
Arthritis	1.9
Asthma ER Admissions	51.4
High Blood Pressure	4.3
Cancer (excluding skin)	3.1
Asthma	46.1
Coronary Heart Disease	2.1
Chronic Obstructive Pulmonary Disease	9.6
Diagnosed Diabetes	20.7
Life Expectancy at Birth	41.6
Cognitively Disabled	70.6
Physically Disabled	50.9
Heart Attack ER Admissions	20.0

Mental Health Not Good	57.3
Chronic Kidney Disease	3.6
Obesity	36.5
Pedestrian Injuries	19.6
Physical Health Not Good	33.7
Stroke	7.6
Health Risk Behaviors	—
Binge Drinking	80.1
Current Smoker	59.6
No Leisure Time for Physical Activity	36.0
Climate Change Exposures	—
Wildfire Risk	7.4
SLR Inundation Area	0.0
Children	31.0
Elderly	48.0
English Speaking	75.4
Foreign-born	34.0
Outdoor Workers	12.6
Climate Change Adaptive Capacity	—
Impervious Surface Cover	83.3
Traffic Density	34.3
Traffic Access	23.0
Other Indices	—
Hardship	58.4
Other Decision Support	—
2016 Voting	52.4

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	55.0
Healthy Places Index Score for Project Location (b)	50.0
Project Located in a Designated Disadvantaged Community (Senate Bill 535)	No
Project Located in a Low-Income Community (Assembly Bill 1550)	No
Project Located in a Community Air Protection Program Community (Assembly Bill 617)	No

a: The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.
b: The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

7.4. Health & Equity Measures

No Health & Equity Measures selected.

7.5. Evaluation Scorecard

Health & Equity Evaluation Scorecard not completed.

7.6. Health & Equity Custom Measures

No Health & Equity Custom Measures created.

8. User Changes to Default Data

Screen	Justification
Construction: Construction Phases	Per construction dates
Construction: Architectural Coatings	SCAQMD Rule 1113
Operations: Vehicle Data	Trip rates per traffic study Truck trips under warehouse land use Passenger car trips under general office land use Trip length for trucks has been modified Trip percentage for truck and passenger cars has been modified
Operations: Fleet Mix	Truck fleet mix under the warehouse land use Passenger car fleet mix under the general office building land use

Operations: Architectural Coatings	SCAQMD Rule 1113

Model Output: OFFROAD2021 (v1.0.4) Emissions Inventory
Region Type: Sub-Area
Region: San Bernardino (SC)
Calendar Year: 2024
Scenario: All Adopted Rules - Exhaust
Vehicle Classification: OFFROAD2021 Equipment Types
Units: tons/day for Emissions, gallons/year for Fuel, hours/year for Activity, Horsepower-hours/year for Horsepower-hours

Region	Calendar Year	Vehicle Category	Model Year	Horsepower Bin	Fuel	HC_tpd	ROG_tpd	TOG_tpd	CO_tpd	NOx_tpd	CO2_tpd	PM10_tpd	PM2.5_tpd	SOx_tpd	NH3_tpd	el Consumpti	tal_Activity_h	Total_Population	Horsepower_Hours_hhpy
San Bernardino (SC)	2024	Industrial - Forklifts	Aggregate	100	Diesel	0.003691871	0.004467164	0.00531629	0.0553541	0.04212664	8.050593	0.002409194	0.00221646	7.45E-05	6.59E-05	261859.8017	306065.8879	392.7312337	25228131.43
San Bernardino (SC)	2024	Industrial - Misc - Forklifts	Aggregate	100	Gasoline	0.026785073	0.02463691	0.02947534	2.5320484	0.13680202	32.03446	0.002233519	0.00168755	0.000309	0.000479	1366341	652174.7	362	45652229
San Bernardino (SC)	2024	Industrial - Misc - Forklifts	Aggregate	100	Nat Gas	0	0	0.00552478	2.6238452	0.26264186	58.41244	0.005194833	0	0	0	3248653.3	1365183.95	757.78	95562876.5

	g/hph HC	ROG	TOG	CO	Nox	CO2	PM10	PM2_5	Sox	NH3	Fuel_gphr
2024	0.04845709	0.0586331	0.069778	0.726542	0.552927	105.667	0.031621514	0.0290918	0.00098	0.00086	3437001
2024	0.1942794	0.1786982	0.213793	18.36563	0.992262	232.355	0.016200322	0.0122402	0.00224	0.00347	9910441.9
2024	0	0	0.019144	9.091696	0.910061	202.401	0.018000239	0	0	0	11256673
	19.0306122	23.027041	27.40408	285.3358	217.1516	41498.7	12.41875605	11.425256	0.38408	0.33957	1.35E+09
	70.3291419	64.688745	77.39293	6648.359	359.1989	84112.4	5.864516712	4.4309682	0.81264	1.25681	3.588E+09
	0	0	14.50657	6889.505	689.6262	153375	13.64022102	0	0	0	8.53E+09
	0.05908039	0.0579935	0.078878	9.139238	0.837003	184.452	0.021106285	0.0104834	0.00079	0.00106	8904052.5

Site 1 Forklifts	5
HP	89
Hours per Day	12
Days per Year	365
1 pound =	453.5924 grams

Emissions Source (lb/day)	ROG	NOX	CO	SO2	PM10	PM2.5	CO2	MT/yr	PM10 tons/yr
Forklift Emissions	0.68	9.85	107.59	0.01	0.25	0.12	2,171	360	0.045

Based on emission rates obtained from CARB OFFROAD Version 1.0.4.
Number of forklifts per SCAQMD High Cube Warehouse Truck Trip Study White Paper Summary of Business Survey Results, June 2014.

Model Output: OFFROAD2021 (v1.0.4) Emissions Inventory
Region Type: Sub-Area
Region: San Bernardino (SC)
Calendar Year: 2024
Scenario: All Adopted Rules - Exhaust
Vehicle Classification: OFFROAD2021 Equipment Types
Units: tons/day for Emissions, gallons/year for Fuel, hours/year for Activity, Horsepower-hours/year for Horsepower-hours

Region	Calendar Year	Vehicle Category	Model Year	Horsepower Bin	Fuel	HC_tpd	ROG_tpd	TOG_tpd	CO_tpd	NOx_tpd	CO2_tpd	PM10_tpd	PM2.5_tpd	SOx_tpd	NH3_tpd	Fuel Consumption	tal_Activity_h	Total_Population	Horsepower_Hours_hhpy
San Bernardino (SC)	2024	Airport Ground Support - Cargo Tractor	Aggregate	175	Diesel	2.74035E-05	3.31582E-05	3.94611E-05	0.00041402	0.00028002	0.06775277	1.63064E-05	1.50019E-05	6.27186E-07	5.54402E-07	2203.778901	819.088802	1.207211714	117815.8305
San Bernardino (SC)	2024	Airport Ground Support - Cargo Tractor	Aggregate	300	Diesel	2.83534E-05	3.43076E-05	4.08289E-05	0.0002137	0.00032437	0.09897363	1.08417E-05	9.97434E-06	9.16547E-07	8.09873E-07	3219.292469	792.863323	1.207211714	172104.402

g/hph

	HC	ROG	TOG	CO	Nox	CO2	PM10	PM2_5	Sox	NH3	Fuel_gphr
2024	0.077019097	0.093193108	0.1109075	1.1636382	0.7870103	190.42297	0.045830084	0.042163677	0.001762741	0.001558177	6193844.215
2024	0.054551745	0.066007611	0.078554512	0.4111519	0.6240925	190.42476	0.020859334	0.019190587	0.001763432	0.001558191	6193902.447

	HC	ROG	TOG	CO	Nox	CO2	PM10	PM2_5	Sox	NH3	Fuel_gphr
2024	0.092978356	0.112503811	0.133888833	1.4047577	0.9500881	229.88084	0.055326614	0.050900485	0.002128002	0.001881049	7477281.294
2024	0.065855505	0.079685161	0.094831927	0.4963474	0.7534118	229.883	0.025181632	0.023167102	0.002128836	0.001881067	7477351.592
	0.158833862	0.192188972	0.228720761	1.9011051	1.7034999	459.76384	0.080508246	0.074067587	0.004256837	0.003762116	14954632.89
	0.065785421	0.079600359	0.094731006	0.7873951	0.7055514	190.42386	0.033344709	0.030677132	0.001763087	0.001558184	6193873.331

Site 1 Yard Truck 1

HP 190
Hours per Day 6
Days per Year 365
1 pound = 453.5924 grams

Emissions Source (lb/day)	ROG	NOX	CO	SO2	PM10	PM2.5	CO2	MT/yr	PM10 tons/yr
Yard Truck Emissions	0.20	1.77	1.98	0.00	0.08	0.08	478.59	79.24	0.015

Based on aggregated emission rates obtained from CARB OFFROAD Version 1.0.4
Number of yard trucks/hostlers per SCAQMD High Cube Warehouse Truck Trip Study White Paper Summary of Business Survey Results, June 201

Site 1 - Emergency Backup Generator Emissions

	Fuel Type	Quantity	HP	LF	Hours/Year per Unit	Hours per Day	HP-hr per day	Total hp-hr per year
Standard Generator	Diesel	3	400	0.74	50	1	1,200	60,000

	HC	ROG	TOG	CO	NO_X	CO_2	PM_{10}	$PM_{2.5}$	PM	SO_X
Emissions Rates (g/hp-hr)	0.140	1.021	1.125	2.600	2.850	521.631	0.150	0.150	0.150	0.005
Pounds/Day	0.37	2.70	2.98	6.88	7.54	1380.00	0.40	0.40	0.40	0.01
Tons/Year	0.01	0.07	0.07	0.17	0.19	34.50	0.01	0.01	0.01	0.00
Metric tons/year						31.30				

Source: User Guide for CalEEMod Version 2022.1, Appendix G, Table G-40.

GHG Emissions (Metric tons)	CO_2e
	31.30

Menifee Compass Northern Gateway Warehouses - Site 2 (Wheat Street) Detailed Report

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5.10.4. Landscape Equipment - Mitigated

5.11. Operational Energy Consumption

5.11.1. Unmitigated

5.11.2. Mitigated

5.12. Operational Water and Wastewater Consumption

5.12.1. Unmitigated

5.12.2. Mitigated

5.13. Operational Waste Generation

5.13.1. Unmitigated

5.13.2. Mitigated

5.14. Operational Refrigeration and Air Conditioning Equipment

5.14.1. Unmitigated

5.14.2. Mitigated

5.15. Operational Off-Road Equipment

5.15.1. Unmitigated

5.15.2. Mitigated

5.16. Stationary Sources

5.16.1. Emergency Generators and Fire Pumps

5.16.2. Process Boilers

5.17. User Defined

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

5.18.1.2. Mitigated

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

5.18.1.2. Mitigated

5.18.2. Sequestration

5.18.2.1. Unmitigated

5.18.2.2. Mitigated

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

6.2. Initial Climate Risk Scores

6.3. Adjusted Climate Risk Scores

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

7.2. Healthy Places Index Scores

7.3. Overall Health & Equity Scores

7.4. Health & Equity Measures

7.5. Evaluation Scorecard

7.6. Health & Equity Custom Measures

8. User Changes to Default Data

1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	Menifee Compass Northern Gateway Warehouses - Site 2 (Wheat Street)
Construction Start Date	5/1/2024
Operational Year	2025
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	2.50
Precipitation (days)	0.20
Location	33.740616462755824, -117.22118127102104
County	Riverside-South Coast
City	Menifee
Air District	South Coast AQMD
Air Basin	South Coast
TAZ	5512
EDFZ	11
Electric Utility	Southern California Edison
Gas Utility	Southern California Gas
App Version	2022.1.1.19

1.2. Land Use Types

Land Use Subtype	Size	Unit	Lot Acreage	Building Area (sq ft)	Landscape Area (sq ft)	Special Landscape Area (sq ft)	Population	Description

Unrefrigerated Warehouse-No Rail	77.2	1000sqft	1.77	77,176	33,516	—	—	—
General Office Building	9.50	1000sqft	0.22	9,500	0.00	—	—	—
Parking Lot	85.4	1000sqft	1.96	0.00	0.00	—	—	—

1.3. User-Selected Emission Reduction Measures by Emissions Sector

Sector	#	Measure Title
Construction	C-2*	Limit Heavy-Duty Diesel Vehicle Idling
Construction	C-5	Use Advanced Engine Tiers
Construction	C-13	Use Low-VOC Paints for Construction
Transportation	T-11*	Provide Employer-Sponsored Vanpool
Transportation	T-14*	Provide Electric Vehicle Charging Infrastructure
Transportation	T-34*	Provide Bike Parking
Transportation	T-53*	Electrify Loading Docks
Energy	E-10-B	Establish Onsite Renewable Energy Systems: Solar Power
Waste	S-1/S-2	Implement Waste Reduction Plan

* Qualitative or supporting measure. Emission reductions not included in the mitigated emissions results.

2. Emissions Summary

2.1. Construction Emissions Compared Against Thresholds

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Un/Mit.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	4.44	3.74	36.0	34.4	0.05	1.60	5.34	6.94	1.47	2.68	4.15	—	5,548	5,548	0.23	0.10	3.27	5,570

Mit.	0.60	0.59	3.50	29.8	0.05	0.10	5.34	5.44	0.10	2.68	2.78	—	5,548	5,548	0.23	0.10	3.27	5,570
% Reduced	87%	84%	90%	13%	—	94%	—	22%	93%	—	33%	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	1.65	14.4	11.9	15.5	0.03	0.50	0.58	1.09	0.46	0.14	0.61	—	3,308	3,308	0.13	0.10	0.08	3,342
Mit.	0.57	3.64	3.55	17.2	0.03	0.11	0.58	0.67	0.11	0.14	0.22	—	3,308	3,308	0.13	0.10	0.08	3,342
% Reduced	65%	75%	70%	-11%	—	77%	—	39%	77%	—	63%	—	—	—	—	—	—	—
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	1.03	1.08	7.88	8.94	0.01	0.35	0.77	1.12	0.32	0.34	0.66	—	1,646	1,646	0.07	0.03	0.46	1,659
Mit.	0.25	0.30	1.44	8.94	0.01	0.04	0.77	0.81	0.04	0.34	0.38	—	1,646	1,646	0.07	0.03	0.46	1,659
% Reduced	76%	73%	82%	—	—	89%	—	27%	88%	—	43%	—	—	—	—	—	—	—
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.19	0.20	1.44	1.63	< 0.005	0.06	0.14	0.20	0.06	0.06	0.12	—	273	273	0.01	0.01	0.08	275
Mit.	0.05	0.05	0.26	1.63	< 0.005	0.01	0.14	0.15	0.01	0.06	0.07	—	273	273	0.01	0.01	0.08	275
% Reduced	76%	73%	82%	< 0.5%	—	89%	—	27%	88%	—	43%	—	—	—	—	—	—	—
Exceeds (Daily Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Threshold	—	75.0	100	550	150	—	—	150	—	—	55.0	—	—	—	—	—	—	—
Unmit.	—	No	No	No	No	—	—	No	—	—	No	—	—	—	—	—	—	—
Mit.	—	No	No	No	No	—	—	No	—	—	No	—	—	—	—	—	—	—
Exceeds (Average Daily)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Threshol	—	75.0	100	550	150	—	—	150	—	—	55.0	—	—	—	—	—	—	—
Unmit.	—	No	No	No	No	—	—	No	—	—	No	—	—	—	—	—	—	—
Mit.	—	No	No	No	No	—	—	No	—	—	No	—	—	—	—	—	—	—

2.2. Construction Emissions by Year, Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Year	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2024	4.44	3.74	36.0	34.4	0.05	1.60	5.34	6.94	1.47	2.68	4.15	—	5,548	5,548	0.23	0.10	3.27	5,570
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2024	1.65	14.4	11.9	15.5	0.03	0.50	0.58	1.09	0.46	0.14	0.61	—	3,308	3,308	0.13	0.10	0.08	3,342
2025	0.19	14.3	0.92	1.55	< 0.005	0.03	0.09	0.12	0.03	0.02	0.05	—	225	225	0.01	< 0.005	0.01	227
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2024	1.03	1.08	7.88	8.94	0.01	0.35	0.77	1.12	0.32	0.34	0.66	—	1,646	1,646	0.07	0.03	0.46	1,659
2025	0.01	0.98	0.06	0.11	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	15.5	15.5	< 0.005	< 0.005	0.01	15.6
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2024	0.19	0.20	1.44	1.63	< 0.005	0.06	0.14	0.20	0.06	0.06	0.12	—	273	273	0.01	0.01	0.08	275
2025	< 0.005	0.18	0.01	0.02	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	2.57	2.57	< 0.005	< 0.005	< 0.005	2.59

2.3. Construction Emissions by Year, Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Year	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e

Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2024	0.60	0.59	3.50	29.8	0.05	0.10	5.34	5.44	0.10	2.68	2.78	—	5,548	5,548	0.23	0.10	3.27	5,570
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2024	0.57	3.64	3.55	17.2	0.03	0.11	0.58	0.67	0.11	0.14	0.22	—	3,308	3,308	0.13	0.10	0.08	3,342
2025	0.19	3.63	0.92	1.55	< 0.005	0.03	0.09	0.12	0.03	0.02	0.05	—	225	225	0.01	< 0.005	0.01	227
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2024	0.25	0.30	1.44	8.94	0.01	0.04	0.77	0.81	0.04	0.34	0.38	—	1,646	1,646	0.07	0.03	0.46	1,659
2025	0.01	0.25	0.06	0.11	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	15.5	15.5	< 0.005	< 0.005	0.01	15.6
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2024	0.05	0.05	0.26	1.63	< 0.005	0.01	0.14	0.15	0.01	0.06	0.07	—	273	273	0.01	0.01	0.08	275
2025	< 0.005	0.05	0.01	0.02	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	2.57	2.57	< 0.005	< 0.005	< 0.005	2.59

2.4. Operations Emissions Compared Against Thresholds

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Un/Mit.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	1.42	3.19	4.83	13.3	0.06	0.12	3.11	3.23	0.11	0.80	0.91	81.3	7,030	7,111	8.45	0.72	19.3	7,555
Mit.	1.42	3.19	4.83	13.3	0.06	0.12	3.11	3.23	0.11	0.80	0.91	48.4	6,461	6,509	5.11	0.71	19.3	6,867
% Reduced	—	—	—	—	—	—	—	—	—	—	—	40%	8%	8%	40%	1%	—	9%
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.72	2.55	5.01	7.85	0.06	0.11	3.11	3.22	0.11	0.80	0.91	81.3	6,862	6,943	8.45	0.72	0.52	7,369

Mit.	0.72	2.55	5.01	7.85	0.06	0.11	3.11	3.22	0.11	0.80	0.91	48.4	6,293	6,341	5.11	0.71	0.52	6,682
% Reduced	—	—	—	—	—	—	—	—	—	—	—	40%	8%	9%	40%	1%	—	9%
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	1.18	2.97	5.09	10.7	0.06	0.11	3.11	3.23	0.11	0.80	0.91	81.3	6,894	6,976	8.45	0.72	8.36	7,410
Mit.	1.18	2.97	5.09	10.7	0.06	0.11	3.11	3.23	0.11	0.80	0.91	48.4	6,325	6,374	5.11	0.71	8.36	6,722
% Reduced	—	—	—	—	—	—	—	—	—	—	—	40%	8%	9%	40%	1%	—	9%
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.22	0.54	0.93	1.96	0.01	0.02	0.57	0.59	0.02	0.15	0.17	13.5	1,141	1,155	1.40	0.12	1.38	1,227
Mit.	0.22	0.54	0.93	1.96	0.01	0.02	0.57	0.59	0.02	0.15	0.17	8.01	1,047	1,055	0.85	0.12	1.38	1,113
% Reduced	—	—	—	—	—	—	—	—	—	—	—	40%	8%	9%	40%	1%	—	9%
Exceeds (Daily Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Threshold	—	55.0	55.0	550	150	—	—	150	—	—	55.0	—	—	—	—	—	—	—
Unmit.	—	No	No	No	No	—	—	No	—	—	No	—	—	—	—	—	—	—
Mit.	—	No	No	No	No	—	—	No	—	—	No	—	—	—	—	—	—	—
Exceeds (Average Daily)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Threshold	—	55.0	55.0	550	150	—	—	150	—	—	55.0	—	—	—	—	—	—	—
Unmit.	—	No	No	No	No	—	—	No	—	—	No	—	—	—	—	—	—	—
Mit.	—	No	No	No	No	—	—	No	—	—	No	—	—	—	—	—	—	—

2.5. Operations Emissions by Sector, Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Sector	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.69	0.56	4.33	9.16	0.05	0.07	3.11	3.19	0.07	0.80	0.87	—	5,759	5,759	0.11	0.61	19.3	5,964
Area	0.67	2.60	0.03	3.77	< 0.005	0.01	—	0.01	0.01	—	0.01	—	15.5	15.5	< 0.005	< 0.005	—	15.6
Energy	0.05	0.03	0.47	0.39	< 0.005	0.04	—	0.04	0.04	—	0.04	—	1,125	1,125	0.10	0.01	—	1,130
Water	—	—	—	—	—	—	—	—	—	—	—	37.4	130	167	3.85	0.09	—	291
Waste	—	—	—	—	—	—	—	—	—	—	—	43.9	0.00	43.9	4.38	0.00	—	153
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.02	0.02
Total	1.42	3.19	4.83	13.3	0.06	0.12	3.11	3.23	0.11	0.80	0.91	81.3	7,030	7,111	8.45	0.72	19.3	7,555
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.67	0.54	4.55	7.46	0.05	0.07	3.11	3.19	0.07	0.80	0.87	—	5,607	5,607	0.11	0.62	0.50	5,795
Area	—	1.98	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Energy	0.05	0.03	0.47	0.39	< 0.005	0.04	—	0.04	0.04	—	0.04	—	1,125	1,125	0.10	0.01	—	1,130
Water	—	—	—	—	—	—	—	—	—	—	—	37.4	130	167	3.85	0.09	—	291
Waste	—	—	—	—	—	—	—	—	—	—	—	43.9	0.00	43.9	4.38	0.00	—	153
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.02	0.02
Total	0.72	2.55	5.01	7.85	0.06	0.11	3.11	3.22	0.11	0.80	0.91	81.3	6,862	6,943	8.45	0.72	0.52	7,369
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.67	0.54	4.61	7.75	0.05	0.07	3.11	3.19	0.07	0.80	0.87	—	5,629	5,629	0.11	0.62	8.34	5,824
Area	0.46	2.40	0.02	2.58	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	10.6	10.6	< 0.005	< 0.005	—	10.7
Energy	0.05	0.03	0.47	0.39	< 0.005	0.04	—	0.04	0.04	—	0.04	—	1,125	1,125	0.10	0.01	—	1,130
Water	—	—	—	—	—	—	—	—	—	—	—	37.4	130	167	3.85	0.09	—	291

Waste	—	—	—	—	—	—	—	—	—	—	—	43.9	0.00	43.9	4.38	0.00	—	153
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.02	0.02
Total	1.18	2.97	5.09	10.7	0.06	0.11	3.11	3.23	0.11	0.80	0.91	81.3	6,894	6,976	8.45	0.72	8.36	7,410
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.12	0.10	0.84	1.41	0.01	0.01	0.57	0.58	0.01	0.15	0.16	—	932	932	0.02	0.10	1.38	964
Area	0.08	0.44	< 0.005	0.47	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	1.76	1.76	< 0.005	< 0.005	—	1.76
Energy	0.01	< 0.005	0.09	0.07	< 0.005	0.01	—	0.01	0.01	—	0.01	—	186	186	0.02	< 0.005	—	187
Water	—	—	—	—	—	—	—	—	—	—	—	6.20	21.5	27.7	0.64	0.02	—	48.2
Waste	—	—	—	—	—	—	—	—	—	—	—	7.26	0.00	7.26	0.73	0.00	—	25.4
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005
Total	0.22	0.54	0.93	1.96	0.01	0.02	0.57	0.59	0.02	0.15	0.17	13.5	1,141	1,155	1.40	0.12	1.38	1,227

2.6. Operations Emissions by Sector, Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Sector	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.69	0.56	4.33	9.16	0.05	0.07	3.11	3.19	0.07	0.80	0.87	—	5,759	5,759	0.11	0.61	19.3	5,964
Area	0.67	2.60	0.03	3.77	< 0.005	0.01	—	0.01	0.01	—	0.01	—	15.5	15.5	< 0.005	< 0.005	—	15.6
Energy	0.05	0.03	0.47	0.39	< 0.005	0.04	—	0.04	0.04	—	0.04	—	556	556	0.05	< 0.005	—	558
Water	—	—	—	—	—	—	—	—	—	—	—	37.4	130	167	3.85	0.09	—	291
Waste	—	—	—	—	—	—	—	—	—	—	—	11.0	0.00	11.0	1.10	0.00	—	38.4
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.02	0.02
Total	1.42	3.19	4.83	13.3	0.06	0.12	3.11	3.23	0.11	0.80	0.91	48.4	6,461	6,509	5.11	0.71	19.3	6,867
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.67	0.54	4.55	7.46	0.05	0.07	3.11	3.19	0.07	0.80	0.87	—	5,607	5,607	0.11	0.62	0.50	5,795

Area	—	1.98	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Energy	0.05	0.03	0.47	0.39	< 0.005	0.04	—	0.04	0.04	—	0.04	—	556	556	0.05	< 0.005	—	558
Water	—	—	—	—	—	—	—	—	—	—	—	37.4	130	167	3.85	0.09	—	291
Waste	—	—	—	—	—	—	—	—	—	—	—	11.0	0.00	11.0	1.10	0.00	—	38.4
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.02	0.02
Total	0.72	2.55	5.01	7.85	0.06	0.11	3.11	3.22	0.11	0.80	0.91	48.4	6,293	6,341	5.11	0.71	0.52	6,682
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.67	0.54	4.61	7.75	0.05	0.07	3.11	3.19	0.07	0.80	0.87	—	5,629	5,629	0.11	0.62	8.34	5,824
Area	0.46	2.40	0.02	2.58	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	10.6	10.6	< 0.005	< 0.005	—	10.7
Energy	0.05	0.03	0.47	0.39	< 0.005	0.04	—	0.04	0.04	—	0.04	—	556	556	0.05	< 0.005	—	558
Water	—	—	—	—	—	—	—	—	—	—	—	37.4	130	167	3.85	0.09	—	291
Waste	—	—	—	—	—	—	—	—	—	—	—	11.0	0.00	11.0	1.10	0.00	—	38.4
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.02	0.02
Total	1.18	2.97	5.09	10.7	0.06	0.11	3.11	3.23	0.11	0.80	0.91	48.4	6,325	6,374	5.11	0.71	8.36	6,722
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.12	0.10	0.84	1.41	0.01	0.01	0.57	0.58	0.01	0.15	0.16	—	932	932	0.02	0.10	1.38	964
Area	0.08	0.44	< 0.005	0.47	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	1.76	1.76	< 0.005	< 0.005	—	1.76
Energy	0.01	< 0.005	0.09	0.07	< 0.005	0.01	—	0.01	0.01	—	0.01	—	92.1	92.1	0.01	< 0.005	—	92.3
Water	—	—	—	—	—	—	—	—	—	—	—	6.20	21.5	27.7	0.64	0.02	—	48.2
Waste	—	—	—	—	—	—	—	—	—	—	—	1.82	0.00	1.82	0.18	0.00	—	6.35
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005
Total	0.22	0.54	0.93	1.96	0.01	0.02	0.57	0.59	0.02	0.15	0.17	8.01	1,047	1,055	0.85	0.12	1.38	1,113

3. Construction Emissions Details

3.1. Site Preparation (2024) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	4.34	3.65	36.0	32.9	0.05	1.60	—	1.60	1.47	—	1.47	—	5,296	5,296	0.21	0.04	—	5,314
Dust From Material Movement	—	—	—	—	—	—	5.11	5.11	—	2.63	2.63	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.36	0.30	2.96	2.71	< 0.005	0.13	—	0.13	0.12	—	0.12	—	435	435	0.02	< 0.005	—	437
Dust From Material Movement	—	—	—	—	—	—	0.42	0.42	—	0.22	0.22	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.07	0.05	0.54	0.49	< 0.005	0.02	—	0.02	0.02	—	0.02	—	72.1	72.1	< 0.005	< 0.005	—	72.3
Dust From Material Movement	—	—	—	—	—	—	0.08	0.08	—	0.04	0.04	—	—	—	—	—	—	—

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.10	0.09	0.08	1.46	0.00	0.00	0.23	0.23	0.00	0.05	0.05	—	252	252	0.01	0.01	1.00	256
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.10	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	—	19.3	19.3	< 0.005	< 0.005	0.04	19.5
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.02	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	3.19	3.19	< 0.005	< 0.005	0.01	3.24
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.2. Site Preparation (2024) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.50	0.50	2.59	28.3	0.05	0.10	—	0.10	0.10	—	0.10	—	5,296	5,296	0.21	0.04	—	5,314
Dust From Material Movement	—	—	—	—	—	—	5.11	5.11	—	2.63	2.63	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.04	0.04	0.21	2.33	< 0.005	0.01	—	0.01	0.01	—	0.01	—	435	435	0.02	< 0.005	—	437
Dust From Material Movement	—	—	—	—	—	—	0.42	0.42	—	0.22	0.22	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.04	0.42	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	72.1	72.1	< 0.005	< 0.005	—	72.3
Dust From Material Movement	—	—	—	—	—	—	0.08	0.08	—	0.04	0.04	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.10	0.09	0.08	1.46	0.00	0.00	0.23	0.23	0.00	0.05	0.05	—	252	252	0.01	0.01	1.00	256

Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.10	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	—	19.3	19.3	< 0.005	< 0.005	0.04	19.5
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.02	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	3.19	3.19	< 0.005	< 0.005	0.01	3.24
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.3. Grading (2024) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.26	1.90	18.2	18.8	0.03	0.84	—	0.84	0.77	—	0.77	—	2,958	2,958	0.12	0.02	—	2,969
Dust From Material Movement	—	—	—	—	—	—	1.84	1.84	—	0.89	0.89	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.19	0.16	1.50	1.55	< 0.005	0.07	—	0.07	0.06	—	0.06	—	243	243	0.01	< 0.005	—	244
Dust From Material Movement	—	—	—	—	—	—	0.15	0.15	—	0.07	0.07	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.03	0.27	0.28	< 0.005	0.01	—	0.01	0.01	—	0.01	—	40.3	40.3	< 0.005	< 0.005	—	40.4
Dust From Material Movement	—	—	—	—	—	—	0.03	0.03	—	0.01	0.01	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.08	0.08	0.07	1.25	0.00	0.00	0.20	0.20	0.00	0.05	0.05	—	216	216	0.01	0.01	0.86	219
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	0.01	0.01	0.01	0.08	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	—	16.5	16.5	< 0.005	< 0.005	0.03	16.7
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	2.73	2.73	< 0.005	< 0.005	0.01	2.77
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.4. Grading (2024) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.29	0.29	2.04	17.8	0.03	0.06	—	0.06	0.06	—	0.06	—	2,958	2,958	0.12	0.02	—	2,969
Dust From Material Movement	—	—	—	—	—	—	1.84	1.84	—	0.89	0.89	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.17	1.46	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	243	243	0.01	< 0.005	—	244

Dust From Material Movement	—	—	—	—	—	—	0.15	0.15	—	0.07	0.07	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.03	0.27	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	40.3	40.3	< 0.005	< 0.005	—	40.4
Dust From Material Movement	—	—	—	—	—	—	0.03	0.03	—	0.01	0.01	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.08	0.08	0.07	1.25	0.00	0.00	0.20	0.20	0.00	0.05	0.05	—	216	216	0.01	0.01	0.86	219
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.08	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	—	16.5	16.5	< 0.005	< 0.005	0.03	16.7
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	2.73	2.73	< 0.005	< 0.005	0.01	2.77
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.5. Building Construction (2024) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.44	1.20	11.2	13.1	0.02	0.50	—	0.50	0.46	—	0.46	—	2,398	2,398	0.10	0.02	—	2,406
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.44	1.20	11.2	13.1	0.02	0.50	—	0.50	0.46	—	0.46	—	2,398	2,398	0.10	0.02	—	2,406
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.37	0.31	2.92	3.41	0.01	0.13	—	0.13	0.12	—	0.12	—	624	624	0.03	0.01	—	626
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.07	0.06	0.53	0.62	< 0.005	0.02	—	0.02	0.02	—	0.02	—	103	103	< 0.005	< 0.005	—	104
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.20	0.18	0.17	2.96	0.00	0.00	0.46	0.46	0.00	0.11	0.11	—	510	510	0.02	0.02	2.02	518
Vendor	0.02	0.01	0.50	0.16	< 0.005	0.01	0.12	0.13	0.01	0.03	0.04	—	441	441	0.01	0.07	1.24	462
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.19	0.17	0.20	2.24	0.00	0.00	0.46	0.46	0.00	0.11	0.11	—	469	469	0.02	0.02	0.05	475
Vendor	0.02	0.01	0.52	0.16	< 0.005	0.01	0.12	0.13	0.01	0.03	0.04	—	441	441	0.01	0.07	0.03	461
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.04	0.05	0.61	0.00	0.00	0.12	0.12	0.00	0.03	0.03	—	124	124	0.01	< 0.005	0.23	125
Vendor	0.01	< 0.005	0.14	0.04	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01	—	115	115	< 0.005	0.02	0.14	120
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.11	0.00	0.00	0.02	0.02	0.00	0.01	0.01	—	20.5	20.5	< 0.005	< 0.005	0.04	20.8
Vendor	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	19.0	19.0	< 0.005	< 0.005	0.02	19.9
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.6. Building Construction (2024) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.35	0.33	2.83	14.8	0.02	0.08	—	0.08	0.07	—	0.07	—	2,398	2,398	0.10	0.02	—	2,406
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.35	0.33	2.83	14.8	0.02	0.08	—	0.08	0.07	—	0.07	—	2,398	2,398	0.10	0.02	—	2,406
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.09	0.09	0.74	3.86	0.01	0.02	—	0.02	0.02	—	0.02	—	624	624	0.03	0.01	—	626
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.13	0.70	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	103	103	< 0.005	< 0.005	—	104
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.20	0.18	0.17	2.96	0.00	0.00	0.46	0.46	0.00	0.11	0.11	—	510	510	0.02	0.02	2.02	518
Vendor	0.02	0.01	0.50	0.16	< 0.005	0.01	0.12	0.13	0.01	0.03	0.04	—	441	441	0.01	0.07	1.24	462
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.19	0.17	0.20	2.24	0.00	0.00	0.46	0.46	0.00	0.11	0.11	—	469	469	0.02	0.02	0.05	475

Vendor	0.02	0.01	0.52	0.16	< 0.005	0.01	0.12	0.13	0.01	0.03	0.04	—	441	441	0.01	0.07	0.03	461
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.04	0.05	0.61	0.00	0.00	0.12	0.12	0.00	0.03	0.03	—	124	124	0.01	< 0.005	0.23	125
Vendor	0.01	< 0.005	0.14	0.04	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01	—	115	115	< 0.005	0.02	0.14	120
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.11	0.00	0.00	0.02	0.02	0.00	0.01	0.01	—	20.5	20.5	< 0.005	< 0.005	0.04	20.8
Vendor	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	19.0	19.0	< 0.005	< 0.005	0.02	19.9
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.7. Paving (2024) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.91	0.76	6.87	8.89	0.01	0.33	—	0.33	0.30	—	0.30	—	1,351	1,351	0.05	0.01	—	1,355
Paving	—	0.34	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.04	0.03	0.28	0.37	< 0.005	0.01	—	0.01	0.01	—	0.01	—	55.5	55.5	< 0.005	< 0.005	—	55.7
Paving	—	0.01	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.05	0.07	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	9.19	9.19	< 0.005	< 0.005	—	9.22
Paving	—	< 0.005	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.11	0.10	0.11	1.26	0.00	0.00	0.26	0.26	0.00	0.06	0.06	—	265	265	0.01	0.01	0.03	268
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.05	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	11.0	11.0	< 0.005	< 0.005	0.02	11.2
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.82	1.82	< 0.005	< 0.005	< 0.005	1.85
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.8. Paving (2024) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.47	0.41	2.52	9.39	0.01	0.11	—	0.11	0.11	—	0.11	—	1,351	1,351	0.05	0.01	—	1,355
Paving	—	0.34	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.10	0.39	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	55.5	55.5	< 0.005	< 0.005	—	55.7
Paving	—	0.01	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.02	0.07	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	9.19	9.19	< 0.005	< 0.005	—	9.22
Paving	—	< 0.005	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.11	0.10	0.11	1.26	0.00	0.00	0.26	0.26	0.00	0.06	0.06	—	265	265	0.01	0.01	0.03	268
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.05	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	11.0	11.0	< 0.005	< 0.005	0.02	11.2
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.82	1.82	< 0.005	< 0.005	< 0.005	1.85
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.9. Architectural Coating (2024) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.17	0.14	0.91	1.15	< 0.005	0.03	—	0.03	0.03	—	0.03	—	134	134	0.01	< 0.005	—	134
Architectural Coatings	—	14.2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.01	0.02	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	1.83	1.83	< 0.005	< 0.005	—	1.84
Architectural Coatings	—	0.19	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.30	0.30	< 0.005	< 0.005	—	0.30
Architectural Coatings	—	0.04	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04	0.03	0.04	0.45	0.00	0.00	0.09	0.09	0.00	0.02	0.02	—	93.8	93.8	< 0.005	< 0.005	0.01	95.0
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.30	1.30	< 0.005	< 0.005	< 0.005	1.32
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.22	0.22	< 0.005	< 0.005	< 0.005	0.22
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.10. Architectural Coating (2024) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.17	0.14	0.91	1.15	< 0.005	0.03	—	0.03	0.03	—	0.03	—	134	134	0.01	< 0.005	—	134
Architectural Coatings	—	3.47	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.01	0.02	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	1.83	1.83	< 0.005	< 0.005	—	1.84
Architectural Coatings	—	0.05	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.30	0.30	< 0.005	< 0.005	—	0.30
Architectural Coatings	—	0.01	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04	0.03	0.04	0.45	0.00	0.00	0.09	0.09	0.00	0.02	0.02	—	93.8	93.8	< 0.005	< 0.005	0.01	95.0
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.30	1.30	< 0.005	< 0.005	< 0.005	1.32
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.22	0.22	< 0.005	< 0.005	< 0.005	0.22
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.11. Architectural Coating (2025) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.15	0.13	0.88	1.14	< 0.005	0.03	—	0.03	0.03	—	0.03	—	134	134	0.01	< 0.005	—	134
Architectural Coatings	—	14.2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.06	0.08	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	9.15	9.15	< 0.005	< 0.005	—	9.18
Architectural Coatings	—	0.97	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	1.51	1.51	< 0.005	< 0.005	—	1.52
Architectural Coatings	—	0.18	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.03	0.03	0.41	0.00	0.00	0.09	0.09	0.00	0.02	0.02	—	91.9	91.9	< 0.005	< 0.005	0.01	93.0
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.03	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	6.37	6.37	< 0.005	< 0.005	0.01	6.46
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.06	1.06	< 0.005	< 0.005	< 0.005	1.07
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.12. Architectural Coating (2025) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.15	0.13	0.88	1.14	< 0.005	0.03	—	0.03	0.03	—	0.03	—	134	134	0.01	< 0.005	—	134

Architect Coatings	—	3.47	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.06	0.08	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	9.15	9.15	< 0.005	< 0.005	—	9.18
Architectural Coatings	—	0.24	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	1.51	1.51	< 0.005	< 0.005	—	1.52
Architectural Coatings	—	0.04	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.03	0.03	0.41	0.00	0.00	0.09	0.09	0.00	0.02	0.02	—	91.9	91.9	< 0.005	< 0.005	0.01	93.0
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	< 0.005	< 0.005	< 0.005	0.03	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	6.37	6.37	< 0.005	< 0.005	0.01	6.46
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.06	1.06	< 0.005	< 0.005	< 0.005	1.07
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

4. Operations Emissions Details

4.1. Mobile Emissions by Land Use

4.1.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.16	0.09	3.84	0.92	0.04	0.06	1.16	1.22	0.06	0.31	0.37	—	3,762	3,762	0.06	0.57	11.2	3,944
General Office Building	0.54	0.47	0.50	8.24	0.02	0.01	1.96	1.97	0.01	0.49	0.50	—	1,997	1,997	0.05	0.04	8.10	2,020
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.69	0.56	4.33	9.16	0.05	0.07	3.11	3.19	0.07	0.80	0.87	—	5,759	5,759	0.11	0.61	19.3	5,964

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.16	0.09	4.00	0.93	0.04	0.06	1.16	1.22	0.06	0.31	0.37	—	3,763	3,763	0.06	0.57	0.29	3,935
General Office Building	0.51	0.45	0.54	6.54	0.02	0.01	1.96	1.97	0.01	0.49	0.50	—	1,844	1,844	0.05	0.05	0.21	1,860
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.67	0.54	4.55	7.46	0.05	0.07	3.11	3.19	0.07	0.80	0.87	—	5,607	5,607	0.11	0.62	0.50	5,795
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.03	0.02	0.74	0.17	0.01	0.01	0.21	0.22	0.01	0.06	0.07	—	623	623	0.01	0.09	0.80	652
General Office Building	0.09	0.08	0.10	1.25	< 0.005	< 0.005	0.36	0.36	< 0.005	0.09	0.09	—	309	309	0.01	0.01	0.58	312
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.12	0.10	0.84	1.41	0.01	0.01	0.57	0.58	0.01	0.15	0.16	—	932	932	0.02	0.10	1.38	964

4.1.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Unrefrige Warehouse-No Rail	0.16	0.09	3.84	0.92	0.04	0.06	1.16	1.22	0.06	0.31	0.37	—	3,762	3,762	0.06	0.57	11.2	3,944
General Office Building	0.54	0.47	0.50	8.24	0.02	0.01	1.96	1.97	0.01	0.49	0.50	—	1,997	1,997	0.05	0.04	8.10	2,020
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.69	0.56	4.33	9.16	0.05	0.07	3.11	3.19	0.07	0.80	0.87	—	5,759	5,759	0.11	0.61	19.3	5,964
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.16	0.09	4.00	0.93	0.04	0.06	1.16	1.22	0.06	0.31	0.37	—	3,763	3,763	0.06	0.57	0.29	3,935
General Office Building	0.51	0.45	0.54	6.54	0.02	0.01	1.96	1.97	0.01	0.49	0.50	—	1,844	1,844	0.05	0.05	0.21	1,860
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.67	0.54	4.55	7.46	0.05	0.07	3.11	3.19	0.07	0.80	0.87	—	5,607	5,607	0.11	0.62	0.50	5,795
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.03	0.02	0.74	0.17	0.01	0.01	0.21	0.22	0.01	0.06	0.07	—	623	623	0.01	0.09	0.80	652
General Office Building	0.09	0.08	0.10	1.25	< 0.005	< 0.005	0.36	0.36	< 0.005	0.09	0.09	—	309	309	0.01	0.01	0.58	312
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.12	0.10	0.84	1.41	0.01	0.01	0.57	0.58	0.01	0.15	0.16	—	932	932	0.02	0.10	1.38	964

4.2. Energy

4.2.1. Electricity Emissions By Land Use - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	339	339	0.03	< 0.005	—	341
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	158	158	0.01	< 0.005	—	159
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	71.5	71.5	0.01	< 0.005	—	71.9
Total	—	—	—	—	—	—	—	—	—	—	—	—	569	569	0.05	0.01	—	572
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	339	339	0.03	< 0.005	—	341
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	158	158	0.01	< 0.005	—	159
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	71.5	71.5	0.01	< 0.005	—	71.9
Total	—	—	—	—	—	—	—	—	—	—	—	—	569	569	0.05	0.01	—	572

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	56.2	56.2	0.01	< 0.005	—	56.5
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	26.2	26.2	< 0.005	< 0.005	—	26.4
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	11.8	11.8	< 0.005	< 0.005	—	11.9
Total	—	—	—	—	—	—	—	—	—	—	—	—	94.2	94.2	0.01	< 0.005	—	94.8

4.2.2. Electricity Emissions By Land Use - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005
Total	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Unrefrige Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005
Total	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrige rated Warehou se-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005
Total	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005

4.2.3. Natural Gas Emissions By Land Use - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrige rated Warehou se-No Rail	0.04	0.02	0.40	0.33	< 0.005	0.03	—	0.03	0.03	—	0.03	—	472	472	0.04	< 0.005	—	474

General Office Building	0.01	< 0.005	0.07	0.06	< 0.005	0.01	—	0.01	0.01	—	0.01	—	84.0	84.0	0.01	< 0.005	—	84.2
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.05	0.03	0.47	0.39	< 0.005	0.04	—	0.04	0.04	—	0.04	—	556	556	0.05	< 0.005	—	558
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.04	0.02	0.40	0.33	< 0.005	0.03	—	0.03	0.03	—	0.03	—	472	472	0.04	< 0.005	—	474
General Office Building	0.01	< 0.005	0.07	0.06	< 0.005	0.01	—	0.01	0.01	—	0.01	—	84.0	84.0	0.01	< 0.005	—	84.2
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.05	0.03	0.47	0.39	< 0.005	0.04	—	0.04	0.04	—	0.04	—	556	556	0.05	< 0.005	—	558
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.01	< 0.005	0.07	0.06	< 0.005	0.01	—	0.01	0.01	—	0.01	—	78.2	78.2	0.01	< 0.005	—	78.4
General Office Building	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	13.9	13.9	< 0.005	< 0.005	—	13.9
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.01	< 0.005	0.09	0.07	< 0.005	0.01	—	0.01	0.01	—	0.01	—	92.1	92.1	0.01	< 0.005	—	92.3

4.2.4. Natural Gas Emissions By Land Use - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.04	0.02	0.40	0.33	< 0.005	0.03	—	0.03	0.03	—	0.03	—	472	472	0.04	< 0.005	—	474
General Office Building	0.01	< 0.005	0.07	0.06	< 0.005	0.01	—	0.01	0.01	—	0.01	—	84.0	84.0	0.01	< 0.005	—	84.2
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.05	0.03	0.47	0.39	< 0.005	0.04	—	0.04	0.04	—	0.04	—	556	556	0.05	< 0.005	—	558
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.04	0.02	0.40	0.33	< 0.005	0.03	—	0.03	0.03	—	0.03	—	472	472	0.04	< 0.005	—	474
General Office Building	0.01	< 0.005	0.07	0.06	< 0.005	0.01	—	0.01	0.01	—	0.01	—	84.0	84.0	0.01	< 0.005	—	84.2
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.05	0.03	0.47	0.39	< 0.005	0.04	—	0.04	0.04	—	0.04	—	556	556	0.05	< 0.005	—	558
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Unrefrigerated Warehouse-No Rail	0.01	< 0.005	0.07	0.06	< 0.005	0.01	—	0.01	0.01	—	0.01	—	78.2	78.2	0.01	< 0.005	—	78.4
General Office Building	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	13.9	13.9	< 0.005	< 0.005	—	13.9
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.01	< 0.005	0.09	0.07	< 0.005	0.01	—	0.01	0.01	—	0.01	—	92.1	92.1	0.01	< 0.005	—	92.3

4.3. Area Emissions by Source

4.3.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Source	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	—	1.86	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	0.12	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.67	0.62	0.03	3.77	< 0.005	0.01	—	0.01	0.01	—	0.01	—	15.5	15.5	< 0.005	< 0.005	—	15.6
Total	0.67	2.60	0.03	3.77	< 0.005	0.01	—	0.01	0.01	—	0.01	—	15.5	15.5	< 0.005	< 0.005	—	15.6
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Consum Products	—	1.86	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architect ural Coatings	—	0.12	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	1.98	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consum er Products	—	0.34	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architect ural Coatings	—	0.02	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landsca pe Equipme nt	0.08	0.08	< 0.005	0.47	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	1.76	1.76	< 0.005	< 0.005	—	1.76
Total	0.08	0.44	< 0.005	0.47	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	1.76	1.76	< 0.005	< 0.005	—	1.76

4.3.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Source	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consum er Products	—	1.86	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architect ural Coatings	—	0.12	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Landscape Equipment	0.67	0.62	0.03	3.77	< 0.005	0.01	—	0.01	0.01	—	0.01	—	15.5	15.5	< 0.005	< 0.005	—	15.6
Total	0.67	2.60	0.03	3.77	< 0.005	0.01	—	0.01	0.01	—	0.01	—	15.5	15.5	< 0.005	< 0.005	—	15.6
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	—	1.86	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	0.12	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	1.98	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	—	0.34	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	0.02	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.08	0.08	< 0.005	0.47	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	1.76	1.76	< 0.005	< 0.005	—	1.76
Total	0.08	0.44	< 0.005	0.47	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	1.76	1.76	< 0.005	< 0.005	—	1.76

4.4. Water Emissions by Land Use

4.4.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	34.2	119	153	3.52	0.08	—	266
General Office Building	—	—	—	—	—	—	—	—	—	—	—	3.24	11.0	14.2	0.33	0.01	—	24.9
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	37.4	130	167	3.85	0.09	—	291
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	34.2	119	153	3.52	0.08	—	266
General Office Building	—	—	—	—	—	—	—	—	—	—	—	3.24	11.0	14.2	0.33	0.01	—	24.9
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	37.4	130	167	3.85	0.09	—	291
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	5.66	19.7	25.3	0.58	0.01	—	44.1

General Office Building	—	—	—	—	—	—	—	—	—	—	—	0.54	1.82	2.35	0.06	< 0.005	—	4.13
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	6.20	21.5	27.7	0.64	0.02	—	48.2

4.4.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	34.2	119	153	3.52	0.08	—	266
General Office Building	—	—	—	—	—	—	—	—	—	—	—	3.24	11.0	14.2	0.33	0.01	—	24.9
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	37.4	130	167	3.85	0.09	—	291
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	34.2	119	153	3.52	0.08	—	266

General Office Building	—	—	—	—	—	—	—	—	—	—	—	3.24	11.0	14.2	0.33	0.01	—	24.9
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	37.4	130	167	3.85	0.09	—	291
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	5.66	19.7	25.3	0.58	0.01	—	44.1
General Office Building	—	—	—	—	—	—	—	—	—	—	—	0.54	1.82	2.35	0.06	< 0.005	—	4.13
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	6.20	21.5	27.7	0.64	0.02	—	48.2

4.5. Waste Emissions by Land Use

4.5.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	39.1	0.00	39.1	3.91	0.00	—	137

General Office Building	—	—	—	—	—	—	—	—	—	—	—	4.76	0.00	4.76	0.48	0.00	—	16.7
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	43.9	0.00	43.9	4.38	0.00	—	153
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	39.1	0.00	39.1	3.91	0.00	—	137
General Office Building	—	—	—	—	—	—	—	—	—	—	—	4.76	0.00	4.76	0.48	0.00	—	16.7
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	43.9	0.00	43.9	4.38	0.00	—	153
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	6.47	0.00	6.47	0.65	0.00	—	22.6
General Office Building	—	—	—	—	—	—	—	—	—	—	—	0.79	0.00	0.79	0.08	0.00	—	2.76
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	7.26	0.00	7.26	0.73	0.00	—	25.4

4.5.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	9.77	0.00	9.77	0.98	0.00	—	34.2
General Office Building	—	—	—	—	—	—	—	—	—	—	—	1.19	0.00	1.19	0.12	0.00	—	4.16
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	11.0	0.00	11.0	1.10	0.00	—	38.4
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	9.77	0.00	9.77	0.98	0.00	—	34.2
General Office Building	—	—	—	—	—	—	—	—	—	—	—	1.19	0.00	1.19	0.12	0.00	—	4.16
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	11.0	0.00	11.0	1.10	0.00	—	38.4
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	1.62	0.00	1.62	0.16	0.00	—	5.66
General Office Building	—	—	—	—	—	—	—	—	—	—	—	0.20	0.00	0.20	0.02	0.00	—	0.69
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	1.82	0.00	1.82	0.18	0.00	—	6.35

4.6. Refrigerant Emissions by Land Use

4.6.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.02	0.02
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.02	0.02
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.02	0.02
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.02	0.02
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005

4.6.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.02	0.02
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.02	0.02
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.02	0.02
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.02	0.02
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005

4.7. Offroad Emissions By Equipment Type

4.7.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.7.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.8. Stationary Emissions By Equipment Type

4.8.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.8.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.9. User Defined Emissions By Equipment Type

4.9.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.9.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Vegetation	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.2. Above and Belowground Carbon Accumulation by Land Use Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Species	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Remove	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.4. Soil Carbon Accumulation By Vegetation Type - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Vegetation	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.5. Above and Belowground Carbon Accumulation by Land Use Type - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.6. Avoided and Sequestered Emissions by Species - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Species	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

5. Activity Data

5.1. Construction Schedule

Phase Name	Phase Type	Start Date	End Date	Days Per Week	Work Days per Phase	Phase Description
Site Preparation	Site Preparation	5/1/2024	6/11/2024	5.00	30.0	—
Grading	Grading	6/12/2024	7/23/2024	5.00	30.0	—

Building Construction	Building Construction	7/24/2024	12/3/2024	5.00	95.0	—
Paving	Paving	12/4/2024	12/24/2024	5.00	15.0	—
Architectural Coating	Architectural Coating	12/25/2024	2/4/2025	5.00	30.0	—

5.2. Off-Road Equipment

5.2.1. Unmitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Site Preparation	Rubber Tired Dozers	Diesel	Average	3.00	8.00	367	0.40
Site Preparation	Tractors/Loaders/Backhoes	Diesel	Average	4.00	8.00	84.0	0.37
Grading	Graders	Diesel	Average	1.00	8.00	148	0.41
Grading	Excavators	Diesel	Average	1.00	8.00	36.0	0.38
Grading	Tractors/Loaders/Backhoes	Diesel	Average	3.00	8.00	84.0	0.37
Grading	Rubber Tired Dozers	Diesel	Average	1.00	8.00	367	0.40
Building Construction	Cranes	Diesel	Average	1.00	7.00	367	0.29
Building Construction	Forklifts	Diesel	Average	3.00	8.00	82.0	0.20
Building Construction	Generator Sets	Diesel	Average	1.00	8.00	14.0	0.74
Building Construction	Welders	Diesel	Average	1.00	8.00	46.0	0.45
Building Construction	Tractors/Loaders/Backhoes	Diesel	Average	3.00	7.00	84.0	0.37
Paving	Tractors/Loaders/Backhoes	Diesel	Average	1.00	8.00	84.0	0.37
Paving	Cement and Mortar Mixers	Diesel	Average	2.00	6.00	10.0	0.56
Paving	Pavers	Diesel	Average	1.00	8.00	81.0	0.42
Paving	Paving Equipment	Diesel	Average	2.00	6.00	89.0	0.36
Paving	Rollers	Diesel	Average	2.00	6.00	36.0	0.38

Architectural Coating	Air Compressors	Diesel	Average	1.00	6.00	37.0	0.48

5.2.2. Mitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Site Preparation	Rubber Tired Dozers	Diesel	Tier 4 Final	3.00	8.00	367	0.40
Site Preparation	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	4.00	8.00	84.0	0.37
Grading	Graders	Diesel	Tier 4 Final	1.00	8.00	148	0.41
Grading	Excavators	Diesel	Tier 4 Final	1.00	8.00	36.0	0.38
Grading	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	3.00	8.00	84.0	0.37
Grading	Rubber Tired Dozers	Diesel	Tier 4 Final	1.00	8.00	367	0.40
Building Construction	Cranes	Diesel	Tier 4 Final	1.00	7.00	367	0.29
Building Construction	Forklifts	Diesel	Tier 4 Final	3.00	8.00	82.0	0.20
Building Construction	Generator Sets	Diesel	Average	1.00	8.00	14.0	0.74
Building Construction	Welders	Diesel	Tier 4 Final	1.00	8.00	46.0	0.45
Building Construction	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	3.00	7.00	84.0	0.37
Paving	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	1.00	8.00	84.0	0.37
Paving	Cement and Mortar Mixers	Diesel	Average	2.00	6.00	10.0	0.56
Paving	Pavers	Diesel	Tier 4 Final	1.00	8.00	81.0	0.42
Paving	Paving Equipment	Diesel	Tier 4 Final	2.00	6.00	89.0	0.36
Paving	Rollers	Diesel	Average	2.00	6.00	36.0	0.38
Architectural Coating	Air Compressors	Diesel	Average	1.00	6.00	37.0	0.48

5.3. Construction Vehicles

5.3.1. Unmitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Site Preparation	—	—	—	—
Site Preparation	Worker	17.5	18.5	LDA,LDT1,LDT2
Site Preparation	Vendor	—	10.2	HHDT,MHDT
Site Preparation	Hauling	0.00	20.0	HHDT
Site Preparation	Onsite truck	—	—	HHDT
Grading	—	—	—	—
Grading	Worker	15.0	18.5	LDA,LDT1,LDT2
Grading	Vendor	—	10.2	HHDT,MHDT
Grading	Hauling	0.00	20.0	HHDT
Grading	Onsite truck	—	—	HHDT
Building Construction	—	—	—	—
Building Construction	Worker	35.5	18.5	LDA,LDT1,LDT2
Building Construction	Vendor	14.2	10.2	HHDT,MHDT
Building Construction	Hauling	0.00	20.0	HHDT
Building Construction	Onsite truck	—	—	HHDT
Paving	—	—	—	—
Paving	Worker	20.0	18.5	LDA,LDT1,LDT2
Paving	Vendor	—	10.2	HHDT,MHDT
Paving	Hauling	0.00	20.0	HHDT
Paving	Onsite truck	—	—	HHDT
Architectural Coating	—	—	—	—
Architectural Coating	Worker	7.09	18.5	LDA,LDT1,LDT2
Architectural Coating	Vendor	—	10.2	HHDT,MHDT
Architectural Coating	Hauling	0.00	20.0	HHDT
Architectural Coating	Onsite truck	—	—	HHDT

5.3.2. Mitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Site Preparation	—	—	—	—
Site Preparation	Worker	17.5	18.5	LDA,LDT1,LDT2
Site Preparation	Vendor	—	10.2	HHDT,MHDT
Site Preparation	Hauling	0.00	20.0	HHDT
Site Preparation	Onsite truck	—	—	HHDT
Grading	—	—	—	—
Grading	Worker	15.0	18.5	LDA,LDT1,LDT2
Grading	Vendor	—	10.2	HHDT,MHDT
Grading	Hauling	0.00	20.0	HHDT
Grading	Onsite truck	—	—	HHDT
Building Construction	—	—	—	—
Building Construction	Worker	35.5	18.5	LDA,LDT1,LDT2
Building Construction	Vendor	14.2	10.2	HHDT,MHDT
Building Construction	Hauling	0.00	20.0	HHDT
Building Construction	Onsite truck	—	—	HHDT
Paving	—	—	—	—
Paving	Worker	20.0	18.5	LDA,LDT1,LDT2
Paving	Vendor	—	10.2	HHDT,MHDT
Paving	Hauling	0.00	20.0	HHDT
Paving	Onsite truck	—	—	HHDT
Architectural Coating	—	—	—	—
Architectural Coating	Worker	7.09	18.5	LDA,LDT1,LDT2
Architectural Coating	Vendor	—	10.2	HHDT,MHDT
Architectural Coating	Hauling	0.00	20.0	HHDT
Architectural Coating	Onsite truck	—	—	HHDT

5.4. Vehicles

5.4.1. Construction Vehicle Control Strategies

Control Strategies Applied	PM10 Reduction	PM2.5 Reduction
Water unpaved roads twice daily	55%	55%
Limit vehicle speeds on unpaved roads to 25 mph	44%	44%

5.5. Architectural Coatings

Phase Name	Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
Architectural Coating	0.00	0.00	130,014	43,338	5,125

5.6. Dust Mitigation

5.6.1. Construction Earthmoving Activities

Phase Name	Material Imported (Cubic Yards)	Material Exported (Cubic Yards)	Acres Graded (acres)	Material Demolished (sq. ft.)	Acres Paved (acres)
Site Preparation	0.00	0.00	45.0	0.00	—
Grading	0.00	0.00	30.0	0.00	—
Paving	0.00	0.00	0.00	0.00	1.96

5.6.2. Construction Earthmoving Control Strategies

Control Strategies Applied	Frequency (per day)	PM10 Reduction	PM2.5 Reduction
Water Exposed Area	3	74%	74%

5.7. Construction Paving

Land Use	Area Paved (acres)	% Asphalt

Unrefrigerated Warehouse-No Rail	0.00	0%
General Office Building	0.00	0%
Parking Lot	1.96	100%

5.8. Construction Electricity Consumption and Emissions Factors

kWh per Year and Emission Factor (lb/MWh)

Year	kWh per Year	CO2	CH4	N2O
2024	0.00	349	0.03	< 0.005
2025	0.00	349	0.03	< 0.005

5.9. Operational Mobile Sources

5.9.1. Unmitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year
Unrefrigerated Warehouse-No Rail	40.0	40.0	40.0	14,600	1,328	1,328	1,328	484,724
General Office Building	108	108	108	39,420	2,793	2,793	2,793	1,019,495
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

5.9.2. Mitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year
Unrefrigerated Warehouse-No Rail	40.0	40.0	40.0	14,600	1,328	1,328	1,328	484,724
General Office Building	108	108	108	39,420	2,793	2,793	2,793	1,019,495
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

5.10. Operational Area Sources

5.10.1. Hearths

5.10.1.1. Unmitigated

5.10.1.2. Mitigated

5.10.2. Architectural Coatings

Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
0	0.00	130,014	43,338	5,125

5.10.3. Landscape Equipment

Season	Unit	Value
Snow Days	day/yr	0.00
Summer Days	day/yr	250

5.10.4. Landscape Equipment - Mitigated

Season	Unit	Value
Snow Days	day/yr	0.00
Summer Days	day/yr	250

5.11. Operational Energy Consumption

5.11.1. Unmitigated

Electricity (kWh/yr) and CO2 and CH4 and N2O and Natural Gas (kBTU/yr)

Land Use	Electricity (kWh/yr)	CO2	CH4	N2O	Natural Gas (kBTU/yr)

Unrefrigerated Warehouse-No Rail	355,191	349	0.0330	0.0040	1,473,458
General Office Building	165,710	349	0.0330	0.0040	262,073
Parking Lot	74,820	349	0.0330	0.0040	0.00

5.11.2. Mitigated

Electricity (kWh/yr) and CO2 and CH4 and N2O and Natural Gas (kBTU/yr)

Land Use	Electricity (kWh/yr)	CO2	CH4	N2O	Natural Gas (kBTU/yr)
Unrefrigerated Warehouse-No Rail	< 0.005	349	0.0330	0.0040	1,473,458
General Office Building	0.00	349	0.0330	0.0040	262,073
Parking Lot	< 0.005	349	0.0330	0.0040	0.00

5.12. Operational Water and Wastewater Consumption

5.12.1. Unmitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
Unrefrigerated Warehouse-No Rail	17,846,950	531,420
General Office Building	1,688,471	0.00
Parking Lot	0.00	0.00

5.12.2. Mitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
Unrefrigerated Warehouse-No Rail	17,846,950	531,420
General Office Building	1,688,471	0.00
Parking Lot	0.00	0.00

5.13. Operational Waste Generation

5.13.1. Unmitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
Unrefrigerated Warehouse-No Rail	72.5	—
General Office Building	8.84	—
Parking Lot	0.00	—

5.13.2. Mitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
Unrefrigerated Warehouse-No Rail	18.1	—
General Office Building	2.21	—
Parking Lot	0.00	—

5.14. Operational Refrigeration and Air Conditioning Equipment

5.14.1. Unmitigated

Land Use Type	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced
General Office Building	Household refrigerators and/or freezers	R-134a	1,430	0.02	0.60	0.00	1.00
General Office Building	Other commercial A/C and heat pumps	R-410A	2,088	< 0.005	4.00	4.00	18.0

5.14.2. Mitigated

Land Use Type	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced
General Office Building	Household refrigerators and/or freezers	R-134a	1,430	0.02	0.60	0.00	1.00

General Office Building	Other commercial A/C and heat pumps	R-410A	2,088	< 0.005	4.00	4.00	18.0

5.15. Operational Off-Road Equipment

5.15.1. Unmitigated

Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor

5.15.2. Mitigated

Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor

5.16. Stationary Sources

5.16.1. Emergency Generators and Fire Pumps

Equipment Type	Fuel Type	Number per Day	Hours per Day	Hours per Year	Horsepower	Load Factor

5.16.2. Process Boilers

Equipment Type	Fuel Type	Number	Boiler Rating (MMBtu/hr)	Daily Heat Input (MMBtu/day)	Annual Heat Input (MMBtu/yr)

5.17. User Defined

Equipment Type	Fuel Type

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1.2. Mitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.1.2. Mitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.2. Sequestration

5.18.2.1. Unmitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)

5.18.2.2. Mitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

Cal-Adapt midcentury 2040–2059 average projections for four hazards are reported below for your project location. These are under Representation Concentration Pathway (RCP) 8.5 which assumes GHG emissions will continue to rise strongly through 2050 and then plateau around 2100.

Climate Hazard	Result for Project Location	Unit
Temperature and Extreme Heat	27.9	annual days of extreme heat
Extreme Precipitation	2.60	annual days with precipitation above 20 mm
Sea Level Rise	0.00	meters of inundation depth
Wildfire	7.84	annual hectares burned

Temperature and Extreme Heat data are for grid cell in which your project are located. The projection is based on the 98th historical percentile of daily maximum/minimum temperatures from observed historical data (32 climate model ensemble from Cal-Adapt, 2040–2059 average under RCP 8.5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Extreme Precipitation data are for the grid cell in which your project are located. The threshold of 20 mm is equivalent to about ¾ an inch of rain, which would be light to moderate rainfall if received over a full day or heavy rain if received over a period of 2 to 4 hours. Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Sea Level Rise data are for the grid cell in which your project are located. The projections are from Radke et al. (2017), as reported in Cal-Adapt (2040–2059 average under RCP 8.5), and consider different increments of sea level rise coupled with extreme storm events. Users may select from four model simulations to view the range in potential inundation depth for the grid cell. The four simulations make different assumptions about expected rainfall and temperature are: Warmer/drier (HadGEM2-ES), Cooler/wetter (CNRM-CM5), Average conditions (CanESM2), Range of different rainfall and temperature possibilities (MIROC5). Each grid cell is 50 meters (m) by 50 m, or about 164 feet (ft) by 164 ft.
Wildfire data are for the grid cell in which your project are located. The projections are from UC Davis, as reported in Cal-Adapt (2040–2059 average under RCP 8.5), and consider historical data of climate, vegetation, population density, and large (> 400 ha) fire history. Users may select from four model simulations to view the range in potential wildfire probabilities for the grid cell. The four simulations make different assumptions about expected rainfall and temperature are: Warmer/drier (HadGEM2-ES), Cooler/wetter (CNRM-CM5), Average conditions (CanESM2), Range of different rainfall and temperature possibilities (MIROC5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

6.2. Initial Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	3	0	0	N/A
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	1	0	0	N/A
Wildfire	1	0	0	N/A
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	0	0	0	N/A

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.

The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores do not include implementation of climate risk reduction measures.

6.3. Adjusted Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	3	1	1	3
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	1	1	1	2
Wildfire	1	1	1	2
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	1	1	1	2

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores include implementation of climate risk reduction measures.

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Exposure Indicators	—
AQ-Ozone	91.1
AQ-PM	51.4
AQ-DPM	21.5
Drinking Water	67.4

Lead Risk Housing	21.2
Pesticides	70.2
Toxic Releases	24.2
Traffic	74.1
Effect Indicators	—
CleanUp Sites	0.00
Groundwater	0.00
Haz Waste Facilities/Generators	50.1
Impaired Water Bodies	12.5
Solid Waste	22.1
Sensitive Population	—
Asthma	48.8
Cardio-vascular	78.2
Low Birth Weights	53.5
Socioeconomic Factor Indicators	—
Education	79.3
Housing	24.9
Linguistic	16.4
Poverty	46.8
Unemployment	73.4

7.2. Healthy Places Index Scores

The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Economic	—
Above Poverty	60.29770307
Employed	40.65186706

Median HI	53.71487232
Education	—
Bachelor's or higher	37.28987553
High school enrollment	21.68612858
Preschool enrollment	56.08879764
Transportation	—
Auto Access	87.47593995
Active commuting	24.03438984
Social	—
2-parent households	65.68715514
Voting	37.14872321
Neighborhood	—
Alcohol availability	82.31746439
Park access	26.70345182
Retail density	10.84306429
Supermarket access	22.85384319
Tree canopy	2.014628513
Housing	—
Homeownership	88.6179905
Housing habitability	84.80687797
Low-inc homeowner severe housing cost burden	74.63107917
Low-inc renter severe housing cost burden	62.78711664
Uncrowded housing	64.30129603
Health Outcomes	—
Insured adults	49.23649429
Arthritis	1.9
Asthma ER Admissions	51.4

High Blood Pressure	4.3
Cancer (excluding skin)	3.1
Asthma	46.1
Coronary Heart Disease	2.1
Chronic Obstructive Pulmonary Disease	9.6
Diagnosed Diabetes	20.7
Life Expectancy at Birth	41.6
Cognitively Disabled	70.6
Physically Disabled	50.9
Heart Attack ER Admissions	20.0
Mental Health Not Good	57.3
Chronic Kidney Disease	3.6
Obesity	36.5
Pedestrian Injuries	19.6
Physical Health Not Good	33.7
Stroke	7.6
Health Risk Behaviors	—
Binge Drinking	80.1
Current Smoker	59.6
No Leisure Time for Physical Activity	36.0
Climate Change Exposures	—
Wildfire Risk	7.4
SLR Inundation Area	0.0
Children	31.0
Elderly	48.0
English Speaking	75.4
Foreign-born	34.0

Outdoor Workers	12.6
Climate Change Adaptive Capacity	—
Impervious Surface Cover	83.3
Traffic Density	34.3
Traffic Access	23.0
Other Indices	—
Hardship	58.4
Other Decision Support	—
2016 Voting	52.4

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	55.0
Healthy Places Index Score for Project Location (b)	50.0
Project Located in a Designated Disadvantaged Community (Senate Bill 535)	No
Project Located in a Low-Income Community (Assembly Bill 1550)	No
Project Located in a Community Air Protection Program Community (Assembly Bill 617)	No

a: The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.
b: The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

7.4. Health & Equity Measures

No Health & Equity Measures selected.

7.5. Evaluation Scorecard

Health & Equity Evaluation Scorecard not completed.

7.6. Health & Equity Custom Measures

No Health & Equity Custom Measures created.

8. User Changes to Default Data

Screen	Justification
Construction: Construction Phases	Per construction dates
Construction: Architectural Coatings	SCAQMD Rule 1113
Operations: Vehicle Data	Trip rates per traffic study Truck trips under warehouse land use Passenger car trips under general office land use Trip length for trucks has been modified Trip percentage for truck and passenger cars has been modified
Operations: Fleet Mix	Truck fleet mix under the warehouse land use Passenger car fleet mix under the general office building land use
Operations: Architectural Coatings	SCAQMD Rule 1113

Model Output: OFFROAD2021 (v1.0.4) Emissions Inventory
Region Type: Sub-Area
Region: San Bernardino (SC)
Calendar Year: 2024
Scenario: All Adopted Rules - Exhaust
Vehicle Classification: OFFROAD2021 Equipment Types
Units: tons/day for Emissions, gallons/year for Fuel, hours/year for Activity, Horsepower-hours/year for Horsepower-hours

Region	Calendar Year	Vehicle Category	Model Year	Horsepower Bin	Fuel	HC_tpd	ROG_tpd	TOG_tpd	CO_tpd	NOx_tpd	CO2_tpd	PM10_tpd	PM2.5_tpd	SOx_tpd	NH3_tpd	uel Consumptio	otal_Activity_h	Total_Population	Horsepower_Hours_hhpy
San Bernardino (SC)	2024	Industrial - Forklifts	Aggregate	100	Diesel	0.003691871	0.00446716	0.0053163	0.0553541	0.0421266	8.050593	0.002409194	0.00221646	7.45E-05	6.588E-05	261859.8017	306065.8879	392.7312337	25228131.43
San Bernardino (SC)	2024	Industrial - Misc - Forklifts	Aggregate	100	Gasoline	0.026785073	0.02463691	0.0294753	2.5320484	0.136802	32.03446	0.002233519	0.00168755	0.000309	0.0004787	1366341	652174.7	362	45652229
San Bernardino (SC)	2024	Industrial - Misc - Forklifts	Aggregate	100	Nat Gas	0	0	0.0055248	2.6238452	0.2626419	58.41244	0.005194833	0	0	0	3248653.3	1365183.95	757.78	95562876.5

	g/hph HC	ROG	TOG	CO	Nox	CO2	PM10	PM2_5	Sox	NH3	Fuel_gphr
2024	0.04845709	0.0586331	0.069778	0.726542	0.552927	105.667	0.031621514	0.0290918	0.00098	0.000865	3437000.979
2024	0.1942794	0.1786982	0.213793	18.36563	0.992262	232.355	0.016200322	0.0122402	0.00224	0.003472	9910441.89
2024	0	0	0.019144	9.091696	0.910061	202.401	0.018000239	0	0	0	11256673.19
	19.0306122	23.027041	27.40408	285.3358	217.1516	41498.7	12.41875605	11.425256	0.38408	0.339572	1349817635
	70.3291419	64.688745	77.39293	6648.359	359.1989	84112.4	5.864516712	4.4309682	0.81264	1.256814	3587579964
	0	0	14.50657	6889.505	689.6262	153375	13.64022102	0	0	0	8530081810
	0.05908039	0.0579935	0.078878	9.139238	0.837003	184.452	0.021106285	0.0104834	0.00079	0.001055	8904052.485

Site 2 Forklifts	2
HP	89
Hours per Day	12
Days per Year	365
1 pound =	453.5924 grams

Emissions Source (lb/day)	ROG	NOX	CO	SO2	PM10	PM2.5	CO2	MT/yr	PM10 tons/yr
Forklift Emissions	0.27	3.94	43.04	0.00	0.10	0.05	869	144	0.018

Based on emission rates obtained from CARB OFFROAD Version 1.0.4.
Number of forklifts per SCAQMD High Cube Warehouse Truck Trip Study White Paper Summary of Business Survey Results, June 2014.

Site 2 - Emergency Backup Generator Emissions

	Fuel Type	Quantity	HP	LF	Hours/Year per Unit	Hours per Day	HP-hr per day	Total hp-hr per year
Standard Generator	Diesel	1	400	0.74	50	1	400	20,000

	HC	ROG	TOG	CO	NO_X	CO_2	PM_{10}	$PM_{2.5}$	PM	SO_X
Emissions Rates (g/hp-hr)	0.140	1.021	1.125	2.600	2.850	521.631	0.150	0.150	0.150	0.005
Pounds/Day	0.12	0.90	0.99	2.29	2.51	460.00	0.13	0.13	0.13	0.00
Tons/Year	0.00	0.02	0.02	0.06	0.06	11.50	0.00	0.00	0.00	0.00
Metric tons/year						10.43				

Source: User Guide for CalEEMod Version 2022.1, Appendix G, Table G-40.

GHG Emissions (Metric tons)	CO_2e
	10.43

Menifee Compass Northern Gateway Warehouses - Site 3 (Evans Road) Detailed Report

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1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	Menifee Compass Northern Gateway Warehouses - Site 3 (Evans Road)
Construction Start Date	5/1/2024
Operational Year	2025
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	2.50
Precipitation (days)	0.20
Location	33.74214572631752, -117.19700389555825
County	Riverside-South Coast
City	Menifee
Air District	South Coast AQMD
Air Basin	South Coast
TAZ	5512
EDFZ	11
Electric Utility	Southern California Edison
Gas Utility	Southern California Gas
App Version	2022.1.1.19

1.2. Land Use Types

Land Use Subtype	Size	Unit	Lot Acreage	Building Area (sq ft)	Landscape Area (sq ft)	Special Landscape Area (sq ft)	Population	Description

Unrefrigerated Warehouse-No Rail	98.9	1000sqft	2.27	98,922	47,126	—	—	—
Refrigerated Warehouse-No Rail	33.0	1000sqft	0.76	32,974	0.00	—	—	—
General Office Building	6.00	1000sqft	0.14	6,000	0.00	—	—	—
Parking Lot	143	1000sqft	3.27	0.00	0.00	—	—	—

1.3. User-Selected Emission Reduction Measures by Emissions Sector

Sector	#	Measure Title
Construction	C-2*	Limit Heavy-Duty Diesel Vehicle Idling
Construction	C-5	Use Advanced Engine Tiers
Construction	C-13	Use Low-VOC Paints for Construction
Transportation	T-11*	Provide Employer-Sponsored Vanpool
Transportation	T-14*	Provide Electric Vehicle Charging Infrastructure
Transportation	T-34*	Provide Bike Parking
Transportation	T-53*	Electrify Loading Docks
Energy	E-10-B	Establish Onsite Renewable Energy Systems: Solar Power
Waste	S-1/S-2	Implement Waste Reduction Plan

* Qualitative or supporting measure. Emission reductions not included in the mitigated emissions results.

2. Emissions Summary

2.1. Construction Emissions Compared Against Thresholds

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Un/Mit.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Unmit.	4.44	3.74	36.0	34.4	0.05	1.60	5.34	6.94	1.47	2.68	4.15	—	5,548	5,548	0.23	0.15	5.25	5,570
Mit.	0.70	0.64	3.90	29.8	0.05	0.10	5.34	5.44	0.10	2.68	2.78	—	5,548	5,548	0.23	0.15	5.25	5,570
% Reduced	84%	83%	89%	13%	—	94%	—	22%	93%	—	33%	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	1.77	22.8	12.4	17.0	0.03	0.51	0.94	1.45	0.47	0.23	0.70	—	3,858	3,858	0.15	0.15	0.14	3,908
Mit.	0.69	4.59	3.99	18.7	0.03	0.09	0.94	1.03	0.08	0.23	0.31	—	3,858	3,858	0.15	0.15	0.14	3,908
% Reduced	61%	80%	68%	-10%	—	83%	—	29%	82%	—	55%	—	—	—	—	—	—	—
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	1.07	1.56	8.03	9.38	0.01	0.35	0.86	1.21	0.32	0.36	0.68	—	1,795	1,795	0.07	0.05	0.67	1,812
Mit.	0.27	0.34	1.53	9.38	0.01	0.04	0.86	0.90	0.04	0.36	0.40	—	1,795	1,795	0.07	0.05	0.67	1,812
% Reduced	75%	79%	81%	> -0.5%	—	89%	—	26%	89%	—	42%	—	—	—	—	—	—	—
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.19	0.29	1.47	1.71	< 0.005	0.06	0.16	0.22	0.06	0.07	0.12	—	297	297	0.01	0.01	0.11	300
Mit.	0.05	0.06	0.28	1.71	< 0.005	0.01	0.16	0.16	0.01	0.07	0.07	—	297	297	0.01	0.01	0.11	300
% Reduced	75%	79%	81%	> -0.5%	—	89%	—	26%	89%	—	42%	—	—	—	—	—	—	—
Exceeds (Daily Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Threshold	—	75.0	100	550	150	—	—	150	—	—	55.0	—	—	—	—	—	—	—
Unmit.	—	No	No	No	No	—	—	No	—	—	No	—	—	—	—	—	—	—
Mit.	—	No	No	No	No	—	—	No	—	—	No	—	—	—	—	—	—	—

Exceeds (Average Daily)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Threshold	—	75.0	100	550	150	—	—	150	—	—	55.0	—	—	—	—	—	—	—
Unmit.	—	No	No	No	No	—	—	No	—	—	No	—	—	—	—	—	—	—
Mit.	—	No	No	No	No	—	—	No	—	—	No	—	—	—	—	—	—	—

2.2. Construction Emissions by Year, Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Year	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2024	4.44	3.74	36.0	34.4	0.05	1.60	5.34	6.94	1.47	2.68	4.15	—	5,548	5,548	0.23	0.15	5.25	5,570
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2024	1.77	22.8	12.4	17.0	0.03	0.51	0.94	1.45	0.47	0.23	0.70	—	3,858	3,858	0.15	0.15	0.14	3,908
2025	0.21	22.8	0.94	1.81	< 0.005	0.03	0.15	0.18	0.03	0.04	0.06	—	282	282	0.01	0.01	0.02	284
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2024	1.07	1.23	8.03	9.38	0.01	0.35	0.86	1.21	0.32	0.36	0.68	—	1,795	1,795	0.07	0.05	0.67	1,812
2025	0.01	1.56	0.06	0.13	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	19.4	19.4	< 0.005	< 0.005	0.02	19.6
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2024	0.19	0.22	1.47	1.71	< 0.005	0.06	0.16	0.22	0.06	0.07	0.12	—	297	297	0.01	0.01	0.11	300
2025	< 0.005	0.29	0.01	0.02	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	3.22	3.22	< 0.005	< 0.005	< 0.005	3.25

2.3. Construction Emissions by Year, Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Year	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2024	0.70	0.64	3.90	29.8	0.05	0.10	5.34	5.44	0.10	2.68	2.78	—	5,548	5,548	0.23	0.15	5.25	5,570
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2024	0.69	4.59	3.99	18.7	0.03	0.09	0.94	1.03	0.08	0.23	0.31	—	3,858	3,858	0.15	0.15	0.14	3,908
2025	0.21	4.57	0.94	1.81	< 0.005	0.03	0.15	0.18	0.03	0.04	0.06	—	282	282	0.01	0.01	0.02	284
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2024	0.27	0.34	1.53	9.38	0.01	0.04	0.86	0.90	0.04	0.36	0.40	—	1,795	1,795	0.07	0.05	0.67	1,812
2025	0.01	0.31	0.06	0.13	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	19.4	19.4	< 0.005	< 0.005	0.02	19.6
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2024	0.05	0.06	0.28	1.71	< 0.005	0.01	0.16	0.16	0.01	0.07	0.07	—	297	297	0.01	0.01	0.11	300
2025	< 0.005	0.06	0.01	0.02	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	3.22	3.22	< 0.005	< 0.005	< 0.005	3.25

2.4. Operations Emissions Compared Against Thresholds

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Un/Mit.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	2.05	4.92	6.10	16.0	0.07	0.16	3.28	3.44	0.15	0.85	1.00	130	9,073	9,203	13.5	0.92	900	10,716
Mit.	2.05	4.92	6.10	16.0	0.07	0.16	3.28	3.44	0.15	0.85	1.00	77.9	7,730	7,808	8.18	0.91	900	9,182
% Reduced	—	—	—	—	—	—	—	—	—	—	—	40%	15%	15%	40%	2%	—	14%
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Unmit.	0.95	3.91	6.30	8.46	0.07	0.15	3.28	3.43	0.14	0.85	1.00	130	8,905	9,035	13.5	0.92	879	10,528
Mit.	0.95	3.91	6.30	8.46	0.07	0.15	3.28	3.43	0.14	0.85	1.00	77.9	7,562	7,640	8.18	0.91	879	8,994
% Reduced	—	—	—	—	—	—	—	—	—	—	—	40%	15%	15%	40%	2%	—	15%
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	1.67	4.58	6.40	12.8	0.07	0.16	3.28	3.44	0.15	0.85	1.00	130	8,942	9,072	13.5	0.92	888	10,575
Mit.	1.67	4.58	6.40	12.8	0.07	0.16	3.28	3.44	0.15	0.85	1.00	77.9	7,599	7,677	8.18	0.91	888	9,041
% Reduced	—	—	—	—	—	—	—	—	—	—	—	40%	15%	15%	40%	2%	—	15%
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.31	0.84	1.17	2.34	0.01	0.03	0.60	0.63	0.03	0.16	0.18	21.6	1,480	1,502	2.24	0.15	147	1,751
Mit.	0.31	0.84	1.17	2.34	0.01	0.03	0.60	0.63	0.03	0.16	0.18	12.9	1,258	1,271	1.35	0.15	147	1,497
% Reduced	—	—	—	—	—	—	—	—	—	—	—	40%	15%	15%	40%	2%	—	15%
Exceeds (Daily Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Threshold	—	55.0	55.0	550	150	—	—	150	—	—	55.0	—	—	—	—	—	—	—
Unmit.	—	No	No	No	No	—	—	No	—	—	No	—	—	—	—	—	—	—
Mit.	—	No	No	No	No	—	—	No	—	—	No	—	—	—	—	—	—	—
Exceeds (Average Daily)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Threshold	—	55.0	55.0	550	150	—	—	150	—	—	55.0	—	—	—	—	—	—	—
Unmit.	—	No	No	No	No	—	—	No	—	—	No	—	—	—	—	—	—	—
Mit.	—	No	No	No	No	—	—	No	—	—	No	—	—	—	—	—	—	—

2.5. Operations Emissions by Sector, Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Sector	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.89	0.75	5.26	9.33	0.06	0.09	3.28	3.37	0.08	0.85	0.94	—	6,558	6,558	0.13	0.75	21.5	6,808
Area	1.07	4.13	0.05	6.00	< 0.005	0.01	—	0.01	0.01	—	0.01	—	24.7	24.7	< 0.005	< 0.005	—	24.8
Energy	0.09	0.04	0.79	0.66	< 0.005	0.06	—	0.06	0.06	—	0.06	—	2,281	2,281	0.21	0.02	—	2,291
Water	—	—	—	—	—	—	—	—	—	—	—	60.5	209	270	6.22	0.15	—	470
Waste	—	—	—	—	—	—	—	—	—	—	—	69.8	0.00	69.8	6.98	0.00	—	244
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	879	879
Total	2.05	4.92	6.10	16.0	0.07	0.16	3.28	3.44	0.15	0.85	1.00	130	9,073	9,203	13.5	0.92	900	10,716
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.86	0.71	5.52	7.80	0.06	0.09	3.28	3.37	0.08	0.85	0.94	—	6,415	6,415	0.13	0.76	0.56	6,644
Area	—	3.15	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Energy	0.09	0.04	0.79	0.66	< 0.005	0.06	—	0.06	0.06	—	0.06	—	2,281	2,281	0.21	0.02	—	2,291
Water	—	—	—	—	—	—	—	—	—	—	—	60.5	209	270	6.22	0.15	—	470
Waste	—	—	—	—	—	—	—	—	—	—	—	69.8	0.00	69.8	6.98	0.00	—	244
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	879	879
Total	0.95	3.91	6.30	8.46	0.07	0.15	3.28	3.43	0.14	0.85	1.00	130	8,905	9,035	13.5	0.92	879	10,528
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.86	0.71	5.58	8.07	0.06	0.09	3.28	3.37	0.08	0.85	0.94	—	6,435	6,435	0.13	0.76	9.29	6,674
Area	0.73	3.82	0.03	4.11	< 0.005	0.01	—	0.01	0.01	—	0.01	—	16.9	16.9	< 0.005	< 0.005	—	17.0
Energy	0.09	0.04	0.79	0.66	< 0.005	0.06	—	0.06	0.06	—	0.06	—	2,281	2,281	0.21	0.02	—	2,291
Water	—	—	—	—	—	—	—	—	—	—	—	60.5	209	270	6.22	0.15	—	470

Waste	—	—	—	—	—	—	—	—	—	—	—	69.8	0.00	69.8	6.98	0.00	—	244
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	879	879
Total	1.67	4.58	6.40	12.8	0.07	0.16	3.28	3.44	0.15	0.85	1.00	130	8,942	9,072	13.5	0.92	888	10,575
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.16	0.13	1.02	1.47	0.01	0.02	0.60	0.62	0.02	0.16	0.17	—	1,065	1,065	0.02	0.13	1.54	1,105
Area	0.13	0.70	0.01	0.75	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	2.80	2.80	< 0.005	< 0.005	—	2.81
Energy	0.02	0.01	0.14	0.12	< 0.005	0.01	—	0.01	0.01	—	0.01	—	378	378	0.03	< 0.005	—	379
Water	—	—	—	—	—	—	—	—	—	—	—	10.0	34.6	44.6	1.03	0.02	—	77.8
Waste	—	—	—	—	—	—	—	—	—	—	—	11.6	0.00	11.6	1.16	0.00	—	40.4
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	145	145
Total	0.31	0.84	1.17	2.34	0.01	0.03	0.60	0.63	0.03	0.16	0.18	21.6	1,480	1,502	2.24	0.15	147	1,751

2.6. Operations Emissions by Sector, Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Sector	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.89	0.75	5.26	9.33	0.06	0.09	3.28	3.37	0.08	0.85	0.94	—	6,558	6,558	0.13	0.75	21.5	6,808
Area	1.07	4.13	0.05	6.00	< 0.005	0.01	—	0.01	0.01	—	0.01	—	24.7	24.7	< 0.005	< 0.005	—	24.8
Energy	0.09	0.04	0.79	0.66	< 0.005	0.06	—	0.06	0.06	—	0.06	—	938	938	0.08	< 0.005	—	941
Water	—	—	—	—	—	—	—	—	—	—	—	60.5	209	270	6.22	0.15	—	470
Waste	—	—	—	—	—	—	—	—	—	—	—	17.5	0.00	17.5	1.74	0.00	—	61.1
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	879	879
Total	2.05	4.92	6.10	16.0	0.07	0.16	3.28	3.44	0.15	0.85	1.00	77.9	7,730	7,808	8.18	0.91	900	9,182
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.86	0.71	5.52	7.80	0.06	0.09	3.28	3.37	0.08	0.85	0.94	—	6,415	6,415	0.13	0.76	0.56	6,644

Area	—	3.15	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Energy	0.09	0.04	0.79	0.66	< 0.005	0.06	—	0.06	0.06	—	0.06	—	938	938	0.08	< 0.005	—	941
Water	—	—	—	—	—	—	—	—	—	—	—	60.5	209	270	6.22	0.15	—	470
Waste	—	—	—	—	—	—	—	—	—	—	—	17.5	0.00	17.5	1.74	0.00	—	61.1
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	879	879
Total	0.95	3.91	6.30	8.46	0.07	0.15	3.28	3.43	0.14	0.85	1.00	77.9	7,562	7,640	8.18	0.91	879	8,994
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.86	0.71	5.58	8.07	0.06	0.09	3.28	3.37	0.08	0.85	0.94	—	6,435	6,435	0.13	0.76	9.29	6,674
Area	0.73	3.82	0.03	4.11	< 0.005	0.01	—	0.01	0.01	—	0.01	—	16.9	16.9	< 0.005	< 0.005	—	17.0
Energy	0.09	0.04	0.79	0.66	< 0.005	0.06	—	0.06	0.06	—	0.06	—	938	938	0.08	< 0.005	—	941
Water	—	—	—	—	—	—	—	—	—	—	—	60.5	209	270	6.22	0.15	—	470
Waste	—	—	—	—	—	—	—	—	—	—	—	17.5	0.00	17.5	1.74	0.00	—	61.1
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	879	879
Total	1.67	4.58	6.40	12.8	0.07	0.16	3.28	3.44	0.15	0.85	1.00	77.9	7,599	7,677	8.18	0.91	888	9,041
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.16	0.13	1.02	1.47	0.01	0.02	0.60	0.62	0.02	0.16	0.17	—	1,065	1,065	0.02	0.13	1.54	1,105
Area	0.13	0.70	0.01	0.75	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	2.80	2.80	< 0.005	< 0.005	—	2.81
Energy	0.02	0.01	0.14	0.12	< 0.005	0.01	—	0.01	0.01	—	0.01	—	155	155	0.01	< 0.005	—	156
Water	—	—	—	—	—	—	—	—	—	—	—	10.0	34.6	44.6	1.03	0.02	—	77.8
Waste	—	—	—	—	—	—	—	—	—	—	—	2.89	0.00	2.89	0.29	0.00	—	10.1
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	145	145
Total	0.31	0.84	1.17	2.34	0.01	0.03	0.60	0.63	0.03	0.16	0.18	12.9	1,258	1,271	1.35	0.15	147	1,497

3. Construction Emissions Details

3.1. Site Preparation (2024) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	4.34	3.65	36.0	32.9	0.05	1.60	—	1.60	1.47	—	1.47	—	5,296	5,296	0.21	0.04	—	5,314
Dust From Material Movement	—	—	—	—	—	—	5.11	5.11	—	2.63	2.63	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.36	0.30	2.96	2.71	< 0.005	0.13	—	0.13	0.12	—	0.12	—	435	435	0.02	< 0.005	—	437
Dust From Material Movement	—	—	—	—	—	—	0.42	0.42	—	0.22	0.22	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.07	0.05	0.54	0.49	< 0.005	0.02	—	0.02	0.02	—	0.02	—	72.1	72.1	< 0.005	< 0.005	—	72.3
Dust From Material Movement	—	—	—	—	—	—	0.08	0.08	—	0.04	0.04	—	—	—	—	—	—	—

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.10	0.09	0.08	1.46	0.00	0.00	0.23	0.23	0.00	0.05	0.05	—	252	252	0.01	0.01	1.00	256
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.10	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	—	19.3	19.3	< 0.005	< 0.005	0.04	19.5
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.02	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	3.19	3.19	< 0.005	< 0.005	0.01	3.24
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.2. Site Preparation (2024) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.50	0.50	2.59	28.3	0.05	0.10	—	0.10	0.10	—	0.10	—	5,296	5,296	0.21	0.04	—	5,314
Dust From Material Movement	—	—	—	—	—	—	5.11	5.11	—	2.63	2.63	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.04	0.04	0.21	2.33	< 0.005	0.01	—	0.01	0.01	—	0.01	—	435	435	0.02	< 0.005	—	437
Dust From Material Movement	—	—	—	—	—	—	0.42	0.42	—	0.22	0.22	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.04	0.42	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	72.1	72.1	< 0.005	< 0.005	—	72.3
Dust From Material Movement	—	—	—	—	—	—	0.08	0.08	—	0.04	0.04	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.10	0.09	0.08	1.46	0.00	0.00	0.23	0.23	0.00	0.05	0.05	—	252	252	0.01	0.01	1.00	256

Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.10	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	—	19.3	19.3	< 0.005	< 0.005	0.04	19.5
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.02	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	3.19	3.19	< 0.005	< 0.005	0.01	3.24
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.3. Grading (2024) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.26	1.90	18.2	18.8	0.03	0.84	—	0.84	0.77	—	0.77	—	2,958	2,958	0.12	0.02	—	2,969
Dust From Material Movement	—	—	—	—	—	—	1.84	1.84	—	0.89	0.89	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.19	0.16	1.50	1.55	< 0.005	0.07	—	0.07	0.06	—	0.06	—	243	243	0.01	< 0.005	—	244
Dust From Material Movement	—	—	—	—	—	—	0.15	0.15	—	0.07	0.07	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.03	0.27	0.28	< 0.005	0.01	—	0.01	0.01	—	0.01	—	40.3	40.3	< 0.005	< 0.005	—	40.4
Dust From Material Movement	—	—	—	—	—	—	0.03	0.03	—	0.01	0.01	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.08	0.08	0.07	1.25	0.00	0.00	0.20	0.20	0.00	0.05	0.05	—	216	216	0.01	0.01	0.86	219
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	0.01	0.01	0.01	0.08	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	—	16.5	16.5	< 0.005	< 0.005	0.03	16.7
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	2.73	2.73	< 0.005	< 0.005	0.01	2.77
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.4. Grading (2024) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.29	0.29	2.04	17.8	0.03	0.06	—	0.06	0.06	—	0.06	—	2,958	2,958	0.12	0.02	—	2,969
Dust From Material Movement	—	—	—	—	—	—	1.84	1.84	—	0.89	0.89	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.17	1.46	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	243	243	0.01	< 0.005	—	244

Dust From Material Movement	—	—	—	—	—	—	0.15	0.15	—	0.07	0.07	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.03	0.27	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	40.3	40.3	< 0.005	< 0.005	—	40.4
Dust From Material Movement	—	—	—	—	—	—	0.03	0.03	—	0.01	0.01	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.08	0.08	0.07	1.25	0.00	0.00	0.20	0.20	0.00	0.05	0.05	—	216	216	0.01	0.01	0.86	219
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.08	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	—	16.5	16.5	< 0.005	< 0.005	0.03	16.7
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	2.73	2.73	< 0.005	< 0.005	0.01	2.77
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.5. Building Construction (2024) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.44	1.20	11.2	13.1	0.02	0.50	—	0.50	0.46	—	0.46	—	2,398	2,398	0.10	0.02	—	2,406
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.44	1.20	11.2	13.1	0.02	0.50	—	0.50	0.46	—	0.46	—	2,398	2,398	0.10	0.02	—	2,406
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.37	0.31	2.92	3.41	0.01	0.13	—	0.13	0.12	—	0.12	—	624	624	0.03	0.01	—	626
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.07	0.06	0.53	0.62	< 0.005	0.02	—	0.02	0.02	—	0.02	—	103	103	< 0.005	< 0.005	—	104
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.32	0.29	0.28	4.79	0.00	0.00	0.75	0.75	0.00	0.18	0.18	—	825	825	0.03	0.03	3.27	838
Vendor	0.03	0.02	0.80	0.25	0.01	0.01	0.19	0.20	0.01	0.05	0.06	—	702	702	0.02	0.11	1.98	735
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.31	0.28	0.33	3.62	0.00	0.00	0.75	0.75	0.00	0.18	0.18	—	758	758	0.04	0.03	0.08	768
Vendor	0.03	0.02	0.83	0.25	0.01	0.01	0.19	0.20	0.01	0.05	0.06	—	702	702	0.02	0.11	0.05	734
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.08	0.07	0.08	0.99	0.00	0.00	0.19	0.19	0.00	0.05	0.05	—	200	200	0.01	0.01	0.37	203
Vendor	0.01	0.01	0.22	0.07	< 0.005	< 0.005	0.05	0.05	< 0.005	0.01	0.02	—	183	183	< 0.005	0.03	0.22	191
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.02	0.18	0.00	0.00	0.04	0.04	0.00	0.01	0.01	—	33.1	33.1	< 0.005	< 0.005	0.06	33.6
Vendor	< 0.005	< 0.005	0.04	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	30.2	30.2	< 0.005	< 0.005	0.04	31.6
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.6. Building Construction (2024) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.35	0.33	2.83	14.8	0.02	0.08	—	0.08	0.07	—	0.07	—	2,398	2,398	0.10	0.02	—	2,406
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.35	0.33	2.83	14.8	0.02	0.08	—	0.08	0.07	—	0.07	—	2,398	2,398	0.10	0.02	—	2,406
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.09	0.09	0.74	3.86	0.01	0.02	—	0.02	0.02	—	0.02	—	624	624	0.03	0.01	—	626
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.13	0.70	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	103	103	< 0.005	< 0.005	—	104
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.32	0.29	0.28	4.79	0.00	0.00	0.75	0.75	0.00	0.18	0.18	—	825	825	0.03	0.03	3.27	838
Vendor	0.03	0.02	0.80	0.25	0.01	0.01	0.19	0.20	0.01	0.05	0.06	—	702	702	0.02	0.11	1.98	735
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.31	0.28	0.33	3.62	0.00	0.00	0.75	0.75	0.00	0.18	0.18	—	758	758	0.04	0.03	0.08	768

Vendor	0.03	0.02	0.83	0.25	0.01	0.01	0.19	0.20	0.01	0.05	0.06	—	702	702	0.02	0.11	0.05	734
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.08	0.07	0.08	0.99	0.00	0.00	0.19	0.19	0.00	0.05	0.05	—	200	200	0.01	0.01	0.37	203
Vendor	0.01	0.01	0.22	0.07	< 0.005	< 0.005	0.05	0.05	< 0.005	0.01	0.02	—	183	183	< 0.005	0.03	0.22	191
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.02	0.18	0.00	0.00	0.04	0.04	0.00	0.01	0.01	—	33.1	33.1	< 0.005	< 0.005	0.06	33.6
Vendor	< 0.005	< 0.005	0.04	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	30.2	30.2	< 0.005	< 0.005	0.04	31.6
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.7. Paving (2024) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.01	0.85	7.81	10.0	0.01	0.39	—	0.39	0.36	—	0.36	—	1,512	1,512	0.06	0.01	—	1,517
Paving	—	0.57	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.04	0.03	0.32	0.41	< 0.005	0.02	—	0.02	0.01	—	0.01	—	62.1	62.1	< 0.005	< 0.005	—	62.3
Paving	—	0.02	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.06	0.08	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	10.3	10.3	< 0.005	< 0.005	—	10.3
Paving	—	< 0.005	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.08	0.07	0.09	0.95	0.00	0.00	0.20	0.20	0.00	0.05	0.05	—	198	198	0.01	0.01	0.02	201
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.04	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	8.26	8.26	< 0.005	< 0.005	0.02	8.37
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.37	1.37	< 0.005	< 0.005	< 0.005	1.39
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.8. Paving (2024) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.16	0.16	1.93	10.6	0.01	0.03	—	0.03	0.03	—	0.03	—	1,512	1,512	0.06	0.01	—	1,517
Paving	—	0.57	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.08	0.44	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	62.1	62.1	< 0.005	< 0.005	—	62.3
Paving	—	0.02	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.01	0.08	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	10.3	10.3	< 0.005	< 0.005	—	10.3
Paving	—	< 0.005	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.08	0.07	0.09	0.95	0.00	0.00	0.20	0.20	0.00	0.05	0.05	—	198	198	0.01	0.01	0.02	201
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.04	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	8.26	8.26	< 0.005	< 0.005	0.02	8.37
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.37	1.37	< 0.005	< 0.005	< 0.005	1.39
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.9. Architectural Coating (2024) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.17	0.14	0.91	1.15	< 0.005	0.03	—	0.03	0.03	—	0.03	—	134	134	0.01	< 0.005	—	134
Architectural Coatings	—	22.6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.01	0.02	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	1.83	1.83	< 0.005	< 0.005	—	1.84
Architectural Coatings	—	0.31	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.30	0.30	< 0.005	< 0.005	—	0.30
Architectural Coatings	—	0.06	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.06	0.07	0.72	0.00	0.00	0.15	0.15	0.00	0.04	0.04	—	152	152	0.01	0.01	0.02	154
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	2.10	2.10	< 0.005	< 0.005	< 0.005	2.13
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.35	0.35	< 0.005	< 0.005	< 0.005	0.35
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.10. Architectural Coating (2024) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.17	0.14	0.91	1.15	< 0.005	0.03	—	0.03	0.03	—	0.03	—	134	134	0.01	< 0.005	—	134
Architectural Coatings	—	4.39	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.01	0.02	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	1.83	1.83	< 0.005	< 0.005	—	1.84
Architectural Coatings	—	0.06	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.30	0.30	< 0.005	< 0.005	—	0.30
Architectural Coatings	—	0.01	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.06	0.07	0.72	0.00	0.00	0.15	0.15	0.00	0.04	0.04	—	152	152	0.01	0.01	0.02	154
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	2.10	2.10	< 0.005	< 0.005	< 0.005	2.13
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.35	0.35	< 0.005	< 0.005	< 0.005	0.35
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.11. Architectural Coating (2025) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.15	0.13	0.88	1.14	< 0.005	0.03	—	0.03	0.03	—	0.03	—	134	134	0.01	< 0.005	—	134
Architectural Coatings	—	22.6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.06	0.08	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	9.15	9.15	< 0.005	< 0.005	—	9.18
Architectural Coatings	—	1.55	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	1.51	1.51	< 0.005	< 0.005	—	1.52
Architectural Coatings	—	0.28	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.05	0.06	0.67	0.00	0.00	0.15	0.15	0.00	0.04	0.04	—	149	149	0.01	0.01	0.02	150
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.05	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	10.3	10.3	< 0.005	< 0.005	0.02	10.4
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.71	1.71	< 0.005	< 0.005	< 0.005	1.73
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.12. Architectural Coating (2025) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.15	0.13	0.88	1.14	< 0.005	0.03	—	0.03	0.03	—	0.03	—	134	134	0.01	< 0.005	—	134

Architect Coatings	—	4.39	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.06	0.08	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	9.15	9.15	< 0.005	< 0.005	—	9.18
Architectural Coatings	—	0.30	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	1.51	1.51	< 0.005	< 0.005	—	1.52
Architectural Coatings	—	0.05	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.05	0.06	0.67	0.00	0.00	0.15	0.15	0.00	0.04	0.04	—	149	149	0.01	0.01	0.02	150
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	< 0.005	< 0.005	< 0.005	0.05	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	10.3	10.3	< 0.005	< 0.005	0.02	10.4
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.71	1.71	< 0.005	< 0.005	< 0.005	1.73
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

4. Operations Emissions Details

4.1. Mobile Emissions by Land Use

4.1.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.20	0.11	4.75	1.14	0.04	0.08	1.43	1.51	0.08	0.38	0.46	—	4,657	4,657	0.07	0.71	13.8	4,883
Refrigerated Warehouse-No Rail	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
General Office Building	0.70	0.63	0.51	8.19	0.02	0.01	1.85	1.86	0.01	0.47	0.48	—	1,901	1,901	0.06	0.05	7.66	1,924

Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.89	0.75	5.26	9.33	0.06	0.09	3.28	3.37	0.08	0.85	0.94	—	6,558	6,558	0.13	0.75	21.5	6,808
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.19	0.11	4.96	1.15	0.04	0.08	1.43	1.51	0.08	0.38	0.46	—	4,658	4,658	0.07	0.71	0.36	4,871
Refrigerated Warehouse-No Rail	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
General Office Building	0.67	0.60	0.56	6.65	0.02	0.01	1.85	1.86	0.01	0.47	0.48	—	1,756	1,756	0.06	0.05	0.20	1,773
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.86	0.71	5.52	7.80	0.06	0.09	3.28	3.37	0.08	0.85	0.94	—	6,415	6,415	0.13	0.76	0.56	6,644
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.04	0.02	0.92	0.21	0.01	0.01	0.26	0.28	0.01	0.07	0.08	—	771	771	0.01	0.12	0.99	807
Refrigerated Warehouse-No Rail	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
General Office Building	0.12	0.11	0.10	1.26	< 0.005	< 0.005	0.34	0.34	< 0.005	0.09	0.09	—	294	294	0.01	0.01	0.55	298

Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.16	0.13	1.02	1.47	0.01	0.02	0.60	0.62	0.02	0.16	0.17	—	1,065	1,065	0.02	0.13	1.54	1,105

4.1.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.20	0.11	4.75	1.14	0.04	0.08	1.43	1.51	0.08	0.38	0.46	—	4,657	4,657	0.07	0.71	13.8	4,883
Refrigerated Warehouse-No Rail	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
General Office Building	0.70	0.63	0.51	8.19	0.02	0.01	1.85	1.86	0.01	0.47	0.48	—	1,901	1,901	0.06	0.05	7.66	1,924
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.89	0.75	5.26	9.33	0.06	0.09	3.28	3.37	0.08	0.85	0.94	—	6,558	6,558	0.13	0.75	21.5	6,808
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.19	0.11	4.96	1.15	0.04	0.08	1.43	1.51	0.08	0.38	0.46	—	4,658	4,658	0.07	0.71	0.36	4,871

Refrigera Warehouse-No Rail	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
General Office Building	0.67	0.60	0.56	6.65	0.02	0.01	1.85	1.86	0.01	0.47	0.48	—	1,756	1,756	0.06	0.05	0.20	1,773
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.86	0.71	5.52	7.80	0.06	0.09	3.28	3.37	0.08	0.85	0.94	—	6,415	6,415	0.13	0.76	0.56	6,644
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.04	0.02	0.92	0.21	0.01	0.01	0.26	0.28	0.01	0.07	0.08	—	771	771	0.01	0.12	0.99	807
Refrigerated Warehouse-No Rail	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
General Office Building	0.12	0.11	0.10	1.26	< 0.005	< 0.005	0.34	0.34	< 0.005	0.09	0.09	—	294	294	0.01	0.01	0.55	298
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.16	0.13	1.02	1.47	0.01	0.02	0.60	0.62	0.02	0.16	0.17	—	1,065	1,065	0.02	0.13	1.54	1,105

4.2. Energy

4.2.1. Electricity Emissions By Land Use - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	435	435	0.04	< 0.005	—	437
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	689	689	0.07	0.01	—	693
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	100.0	100.0	0.01	< 0.005	—	101
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	119	119	0.01	< 0.005	—	120
Total	—	—	—	—	—	—	—	—	—	—	—	—	1,343	1,343	0.13	0.02	—	1,351
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	435	435	0.04	< 0.005	—	437
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	689	689	0.07	0.01	—	693
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	100.0	100.0	0.01	< 0.005	—	101
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	119	119	0.01	< 0.005	—	120

Total	—	—	—	—	—	—	—	—	—	—	—	—	1,343	1,343	0.13	0.02	—	1,351
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	72.0	72.0	0.01	< 0.005	—	72.4
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	114	114	0.01	< 0.005	—	115
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	16.6	16.6	< 0.005	< 0.005	—	16.6
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	19.7	19.7	< 0.005	< 0.005	—	19.9
Total	—	—	—	—	—	—	—	—	—	—	—	—	222	222	0.02	< 0.005	—	224

4.2.2. Electricity Emissions By Land Use - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00

Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005
Total	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005
Total	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00

Refrigera Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005
Total	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005

4.2.3. Natural Gas Emissions By Land Use - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.06	0.03	0.51	0.43	< 0.005	0.04	—	0.04	0.04	—	0.04	—	605	605	0.05	< 0.005	—	607
Refrigerated Warehouse-No Rail	0.03	0.01	0.23	0.20	< 0.005	0.02	—	0.02	0.02	—	0.02	—	280	280	0.02	< 0.005	—	280
General Office Building	< 0.005	< 0.005	0.04	0.04	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	53.0	53.0	< 0.005	< 0.005	—	53.2
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.09	0.04	0.79	0.66	< 0.005	0.06	—	0.06	0.06	—	0.06	—	938	938	0.08	< 0.005	—	941

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.06	0.03	0.51	0.43	< 0.005	0.04	—	0.04	0.04	—	0.04	—	605	605	0.05	< 0.005	—	607
Refrigerated Warehouse-No Rail	0.03	0.01	0.23	0.20	< 0.005	0.02	—	0.02	0.02	—	0.02	—	280	280	0.02	< 0.005	—	280
General Office Building	< 0.005	< 0.005	0.04	0.04	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	53.0	53.0	< 0.005	< 0.005	—	53.2
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.09	0.04	0.79	0.66	< 0.005	0.06	—	0.06	0.06	—	0.06	—	938	938	0.08	< 0.005	—	941
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.01	0.01	0.09	0.08	< 0.005	0.01	—	0.01	0.01	—	0.01	—	100	100	0.01	< 0.005	—	100
Refrigerated Warehouse-No Rail	< 0.005	< 0.005	0.04	0.04	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	46.3	46.3	< 0.005	< 0.005	—	46.4
General Office Building	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	8.78	8.78	< 0.005	< 0.005	—	8.81
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.02	0.01	0.14	0.12	< 0.005	0.01	—	0.01	0.01	—	0.01	—	155	155	0.01	< 0.005	—	156

4.2.4. Natural Gas Emissions By Land Use - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.06	0.03	0.51	0.43	< 0.005	0.04	—	0.04	0.04	—	0.04	—	605	605	0.05	< 0.005	—	607
Refrigerated Warehouse-No Rail	0.03	0.01	0.23	0.20	< 0.005	0.02	—	0.02	0.02	—	0.02	—	280	280	0.02	< 0.005	—	280
General Office Building	< 0.005	< 0.005	0.04	0.04	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	53.0	53.0	< 0.005	< 0.005	—	53.2
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.09	0.04	0.79	0.66	< 0.005	0.06	—	0.06	0.06	—	0.06	—	938	938	0.08	< 0.005	—	941
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.06	0.03	0.51	0.43	< 0.005	0.04	—	0.04	0.04	—	0.04	—	605	605	0.05	< 0.005	—	607
Refrigerated Warehouse-No Rail	0.03	0.01	0.23	0.20	< 0.005	0.02	—	0.02	0.02	—	0.02	—	280	280	0.02	< 0.005	—	280

General Office Building	< 0.005	< 0.005	0.04	0.04	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	53.0	53.0	< 0.005	< 0.005	—	53.2
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.09	0.04	0.79	0.66	< 0.005	0.06	—	0.06	0.06	—	0.06	—	938	938	0.08	< 0.005	—	941
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.01	0.01	0.09	0.08	< 0.005	0.01	—	0.01	0.01	—	0.01	—	100	100	0.01	< 0.005	—	100
Refrigerated Warehouse-No Rail	< 0.005	< 0.005	0.04	0.04	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	46.3	46.3	< 0.005	< 0.005	—	46.4
General Office Building	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	8.78	8.78	< 0.005	< 0.005	—	8.81
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.02	0.01	0.14	0.12	< 0.005	0.01	—	0.01	0.01	—	0.01	—	155	155	0.01	< 0.005	—	156

4.3. Area Emissions by Source

4.3.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Source	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Consumer Products	—	2.96	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	0.19	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	1.07	0.98	0.05	6.00	< 0.005	0.01	—	0.01	0.01	—	0.01	—	24.7	24.7	< 0.005	< 0.005	—	24.8
Total	1.07	4.13	0.05	6.00	< 0.005	0.01	—	0.01	0.01	—	0.01	—	24.7	24.7	< 0.005	< 0.005	—	24.8
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	—	2.96	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	0.19	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	3.15	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	—	0.54	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	0.03	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.13	0.12	0.01	0.75	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	2.80	2.80	< 0.005	< 0.005	—	2.81
Total	0.13	0.70	0.01	0.75	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	2.80	2.80	< 0.005	< 0.005	—	2.81

4.3.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Source	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	—	2.96	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	0.19	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	1.07	0.98	0.05	6.00	< 0.005	0.01	—	0.01	0.01	—	0.01	—	24.7	24.7	< 0.005	< 0.005	—	24.8
Total	1.07	4.13	0.05	6.00	< 0.005	0.01	—	0.01	0.01	—	0.01	—	24.7	24.7	< 0.005	< 0.005	—	24.8
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	—	2.96	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	0.19	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	3.15	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	—	0.54	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	0.03	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Landscape Equipme	0.13	0.12	0.01	0.75	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	2.80	2.80	< 0.005	< 0.005	—	2.81
Total	0.13	0.70	0.01	0.75	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	2.80	2.80	< 0.005	< 0.005	—	2.81

4.4. Water Emissions by Land Use

4.4.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	43.8	153	196	4.51	0.11	—	341
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	14.6	49.6	64.2	1.50	0.04	—	113
General Office Building	—	—	—	—	—	—	—	—	—	—	—	2.04	6.93	8.98	0.21	0.01	—	15.7
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	60.5	209	270	6.22	0.15	—	470
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Unrefrigerated Warehou Rail	—	—	—	—	—	—	—	—	—	—	—	43.8	153	196	4.51	0.11	—	341
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	14.6	49.6	64.2	1.50	0.04	—	113
General Office Building	—	—	—	—	—	—	—	—	—	—	—	2.04	6.93	8.98	0.21	0.01	—	15.7
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	60.5	209	270	6.22	0.15	—	470
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	7.26	25.3	32.5	0.75	0.02	—	56.5
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	2.42	8.21	10.6	0.25	0.01	—	18.6
General Office Building	—	—	—	—	—	—	—	—	—	—	—	0.34	1.15	1.49	0.03	< 0.005	—	2.61
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	10.0	34.6	44.6	1.03	0.02	—	77.8

4.4.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	43.8	153	196	4.51	0.11	—	341
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	14.6	49.6	64.2	1.50	0.04	—	113
General Office Building	—	—	—	—	—	—	—	—	—	—	—	2.04	6.93	8.98	0.21	0.01	—	15.7
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	60.5	209	270	6.22	0.15	—	470
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	43.8	153	196	4.51	0.11	—	341
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	14.6	49.6	64.2	1.50	0.04	—	113
General Office Building	—	—	—	—	—	—	—	—	—	—	—	2.04	6.93	8.98	0.21	0.01	—	15.7

Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	60.5	209	270	6.22	0.15	—	470
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	7.26	25.3	32.5	0.75	0.02	—	56.5
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	2.42	8.21	10.6	0.25	0.01	—	18.6
General Office Building	—	—	—	—	—	—	—	—	—	—	—	0.34	1.15	1.49	0.03	< 0.005	—	2.61
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	10.0	34.6	44.6	1.03	0.02	—	77.8

4.5. Waste Emissions by Land Use

4.5.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	50.1	0.00	50.1	5.01	0.00	—	175

Refrigera Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	16.7	0.00	16.7	1.67	0.00	—	58.4
General Office Building	—	—	—	—	—	—	—	—	—	—	—	3.01	0.00	3.01	0.30	0.00	—	10.5
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	69.8	0.00	69.8	6.98	0.00	—	244
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	50.1	0.00	50.1	5.01	0.00	—	175
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	16.7	0.00	16.7	1.67	0.00	—	58.4
General Office Building	—	—	—	—	—	—	—	—	—	—	—	3.01	0.00	3.01	0.30	0.00	—	10.5
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	69.8	0.00	69.8	6.98	0.00	—	244
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	8.30	0.00	8.30	0.83	0.00	—	29.0

Refrigerated Warehou Rail	—	—	—	—	—	—	—	—	—	—	—	2.77	0.00	2.77	0.28	0.00	—	9.68
General Office Building	—	—	—	—	—	—	—	—	—	—	—	0.50	0.00	0.50	0.05	0.00	—	1.74
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	11.6	0.00	11.6	1.16	0.00	—	40.4

4.5.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehou se-No Rail	—	—	—	—	—	—	—	—	—	—	—	12.5	0.00	12.5	1.25	0.00	—	43.8
Refrigerated Warehou se-No Rail	—	—	—	—	—	—	—	—	—	—	—	4.18	0.00	4.18	0.42	0.00	—	14.6
General Office Building	—	—	—	—	—	—	—	—	—	—	—	0.75	0.00	0.75	0.08	0.00	—	2.63
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	17.5	0.00	17.5	1.74	0.00	—	61.1

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	12.5	0.00	12.5	1.25	0.00	—	43.8
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	4.18	0.00	4.18	0.42	0.00	—	14.6
General Office Building	—	—	—	—	—	—	—	—	—	—	—	0.75	0.00	0.75	0.08	0.00	—	2.63
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	17.5	0.00	17.5	1.74	0.00	—	61.1
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	2.07	0.00	2.07	0.21	0.00	—	7.26
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	0.69	0.00	0.69	0.07	0.00	—	2.42
General Office Building	—	—	—	—	—	—	—	—	—	—	—	0.12	0.00	0.12	0.01	0.00	—	0.44
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	2.89	0.00	2.89	0.29	0.00	—	10.1

4.6. Refrigerant Emissions by Land Use

4.6.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	879	879
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.01	0.01
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	879	879
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	879	879
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.01	0.01
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	879	879
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	145	145
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	145	145

4.6.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	879	879
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.01	0.01
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	879	879
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	879	879

General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.01	0.01
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	879	879
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	145	145
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	145	145

4.7. Offroad Emissions By Equipment Type

4.7.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.7.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.8. Stationary Emissions By Equipment Type

4.8.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.8.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.9. User Defined Emissions By Equipment Type

4.9.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.9.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Vegetation	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.2. Above and Belowground Carbon Accumulation by Land Use Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Species	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.4. Soil Carbon Accumulation By Vegetation Type - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Vegetation	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.5. Above and Belowground Carbon Accumulation by Land Use Type - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.6. Avoided and Sequestered Emissions by Species - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Species	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

5. Activity Data

5.1. Construction Schedule

Phase Name	Phase Type	Start Date	End Date	Days Per Week	Work Days per Phase	Phase Description
Site Preparation	Site Preparation	5/1/2024	6/11/2024	5.00	30.0	—
Grading	Grading	6/12/2024	7/23/2024	5.00	30.0	—
Building Construction	Building Construction	7/24/2024	12/3/2024	5.00	95.0	—
Paving	Paving	12/4/2024	12/24/2024	5.00	15.0	—
Architectural Coating	Architectural Coating	12/25/2024	2/4/2025	5.00	30.0	—

5.2. Off-Road Equipment

5.2.1. Unmitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Site Preparation	Rubber Tired Dozers	Diesel	Average	3.00	8.00	367	0.40

Site Preparation	Tractors/Loaders/Backh	Diesel	Average	4.00	8.00	84.0	0.37
Grading	Graders	Diesel	Average	1.00	8.00	148	0.41
Grading	Excavators	Diesel	Average	1.00	8.00	36.0	0.38
Grading	Tractors/Loaders/Backh oes	Diesel	Average	3.00	8.00	84.0	0.37
Grading	Rubber Tired Dozers	Diesel	Average	1.00	8.00	367	0.40
Building Construction	Forklifts	Diesel	Average	3.00	8.00	82.0	0.20
Building Construction	Generator Sets	Diesel	Average	1.00	8.00	14.0	0.74
Building Construction	Cranes	Diesel	Average	1.00	7.00	367	0.29
Building Construction	Welders	Diesel	Average	1.00	8.00	46.0	0.45
Building Construction	Tractors/Loaders/Backh oes	Diesel	Average	3.00	7.00	84.0	0.37
Paving	Pavers	Diesel	Average	2.00	8.00	81.0	0.42
Paving	Paving Equipment	Diesel	Average	2.00	8.00	89.0	0.36
Paving	Rollers	Diesel	Average	2.00	8.00	36.0	0.38
Architectural Coating	Air Compressors	Diesel	Average	1.00	6.00	37.0	0.48

5.2.2. Mitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Site Preparation	Rubber Tired Dozers	Diesel	Tier 4 Final	3.00	8.00	367	0.40
Site Preparation	Tractors/Loaders/Backh oes	Diesel	Tier 4 Final	4.00	8.00	84.0	0.37
Grading	Graders	Diesel	Tier 4 Final	1.00	8.00	148	0.41
Grading	Excavators	Diesel	Tier 4 Final	1.00	8.00	36.0	0.38
Grading	Tractors/Loaders/Backh oes	Diesel	Tier 4 Final	3.00	8.00	84.0	0.37
Grading	Rubber Tired Dozers	Diesel	Tier 4 Final	1.00	8.00	367	0.40
Building Construction	Forklifts	Diesel	Tier 4 Final	3.00	8.00	82.0	0.20
Building Construction	Generator Sets	Diesel	Average	1.00	8.00	14.0	0.74

Building Construction	Cranes	Diesel	Tier 4 Final	1.00	7.00	367	0.29
Building Construction	Welders	Diesel	Tier 4 Final	1.00	8.00	46.0	0.45
Building Construction	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	3.00	7.00	84.0	0.37
Paving	Pavers	Diesel	Tier 4 Final	2.00	8.00	81.0	0.42
Paving	Paving Equipment	Diesel	Tier 4 Final	2.00	8.00	89.0	0.36
Paving	Rollers	Diesel	Tier 4 Final	2.00	8.00	36.0	0.38
Architectural Coating	Air Compressors	Diesel	Average	1.00	6.00	37.0	0.48

5.3. Construction Vehicles

5.3.1. Unmitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Site Preparation	—	—	—	—
Site Preparation	Worker	17.5	18.5	LDA,LDT1,LDT2
Site Preparation	Vendor	—	10.2	HHDT,MHDT
Site Preparation	Hauling	0.00	20.0	HHDT
Site Preparation	Onsite truck	—	—	HHDT
Grading	—	—	—	—
Grading	Worker	15.0	18.5	LDA,LDT1,LDT2
Grading	Vendor	—	10.2	HHDT,MHDT
Grading	Hauling	0.00	20.0	HHDT
Grading	Onsite truck	—	—	HHDT
Building Construction	—	—	—	—
Building Construction	Worker	57.3	18.5	LDA,LDT1,LDT2
Building Construction	Vendor	22.6	10.2	HHDT,MHDT
Building Construction	Hauling	0.00	20.0	HHDT
Building Construction	Onsite truck	—	—	HHDT

Paving	—	—	—	—
Paving	Worker	15.0	18.5	LDA,LDT1,LDT2
Paving	Vendor	—	10.2	HHDT,MHDT
Paving	Hauling	0.00	20.0	HHDT
Paving	Onsite truck	—	—	HHDT
Architectural Coating	—	—	—	—
Architectural Coating	Worker	11.5	18.5	LDA,LDT1,LDT2
Architectural Coating	Vendor	—	10.2	HHDT,MHDT
Architectural Coating	Hauling	0.00	20.0	HHDT
Architectural Coating	Onsite truck	—	—	HHDT

5.3.2. Mitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Site Preparation	—	—	—	—
Site Preparation	Worker	17.5	18.5	LDA,LDT1,LDT2
Site Preparation	Vendor	—	10.2	HHDT,MHDT
Site Preparation	Hauling	0.00	20.0	HHDT
Site Preparation	Onsite truck	—	—	HHDT
Grading	—	—	—	—
Grading	Worker	15.0	18.5	LDA,LDT1,LDT2
Grading	Vendor	—	10.2	HHDT,MHDT
Grading	Hauling	0.00	20.0	HHDT
Grading	Onsite truck	—	—	HHDT
Building Construction	—	—	—	—
Building Construction	Worker	57.3	18.5	LDA,LDT1,LDT2
Building Construction	Vendor	22.6	10.2	HHDT,MHDT
Building Construction	Hauling	0.00	20.0	HHDT

Building Construction	Onsite truck	—	—	HHDT
Paving	—	—	—	—
Paving	Worker	15.0	18.5	LDA,LDT1,LDT2
Paving	Vendor	—	10.2	HHDT,MHDT
Paving	Hauling	0.00	20.0	HHDT
Paving	Onsite truck	—	—	HHDT
Architectural Coating	—	—	—	—
Architectural Coating	Worker	11.5	18.5	LDA,LDT1,LDT2
Architectural Coating	Vendor	—	10.2	HHDT,MHDT
Architectural Coating	Hauling	0.00	20.0	HHDT
Architectural Coating	Onsite truck	—	—	HHDT

5.4. Vehicles

5.4.1. Construction Vehicle Control Strategies

Control Strategies Applied	PM10 Reduction	PM2.5 Reduction
Water unpaved roads twice daily	55%	55%
Limit vehicle speeds on unpaved roads to 25 mph	44%	44%

5.5. Architectural Coatings

Phase Name	Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
Architectural Coating	0.00	0.00	206,844	68,948	8,553

5.6. Dust Mitigation

5.6.1. Construction Earthmoving Activities

Phase Name	Material Imported (Cubic Yards)	Material Exported (Cubic Yards)	Acres Graded (acres)	Material Demolished (sq. ft.)	Acres Paved (acres)
Site Preparation	0.00	0.00	45.0	0.00	—
Grading	0.00	0.00	30.0	0.00	—
Paving	0.00	0.00	0.00	0.00	3.27

5.6.2. Construction Earthmoving Control Strategies

Control Strategies Applied	Frequency (per day)	PM10 Reduction	PM2.5 Reduction
Water Exposed Area	3	74%	74%

5.7. Construction Paving

Land Use	Area Paved (acres)	% Asphalt
Unrefrigerated Warehouse-No Rail	0.00	0%
Refrigerated Warehouse-No Rail	0.00	0%
General Office Building	0.00	0%
Parking Lot	3.27	100%

5.8. Construction Electricity Consumption and Emissions Factors

kWh per Year and Emission Factor (lb/MWh)

Year	kWh per Year	CO2	CH4	N2O
2024	0.00	349	0.03	< 0.005
2025	0.00	349	0.03	< 0.005

5.9. Operational Mobile Sources

5.9.1. Unmitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year

Unrefrigerated Warehouse-No Rail	49.5	49.5	49.5	18,053	1,642	1,642	1,642	599,368
Refrigerated Warehouse-No Rail	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
General Office Building	175	175	175	63,698	2,643	2,643	2,643	964,537
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

5.9.2. Mitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year
Unrefrigerated Warehouse-No Rail	49.5	49.5	49.5	18,053	1,642	1,642	1,642	599,368
Refrigerated Warehouse-No Rail	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
General Office Building	175	175	175	63,698	2,643	2,643	2,643	964,537
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

5.10. Operational Area Sources

5.10.1. Hearths

5.10.1.1. Unmitigated

5.10.1.2. Mitigated

5.10.2. Architectural Coatings

Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
0	0.00	206,844	68,948	8,553

5.10.3. Landscape Equipment

Season	Unit	Value
Snow Days	day/yr	0.00
Summer Days	day/yr	250

5.10.4. Landscape Equipment - Mitigated

Season	Unit	Value
Snow Days	day/yr	0.00
Summer Days	day/yr	250

5.11. Operational Energy Consumption

5.11.1. Unmitigated

Electricity (kWh/yr) and CO2 and CH4 and N2O and Natural Gas (kBTU/yr)

Land Use	Electricity (kWh/yr)	CO2	CH4	N2O	Natural Gas (kBTU/yr)
Unrefrigerated Warehouse-No Rail	455,274	349	0.0330	0.0040	1,888,637
Refrigerated Warehouse-No Rail	721,127	349	0.0330	0.0040	872,527
General Office Building	104,659	349	0.0330	0.0040	165,520
Parking Lot	124,873	349	0.0330	0.0040	0.00

5.11.2. Mitigated

Electricity (kWh/yr) and CO2 and CH4 and N2O and Natural Gas (kBTU/yr)

Land Use	Electricity (kWh/yr)	CO2	CH4	N2O	Natural Gas (kBTU/yr)
Unrefrigerated Warehouse-No Rail	0.00	349	0.0330	0.0040	1,888,637
Refrigerated Warehouse-No Rail	0.00	349	0.0330	0.0040	872,527

General Office Building	< 0.005	349	0.0330	0.0040	165,520
Parking Lot	< 0.005	349	0.0330	0.0040	0.00

5.12. Operational Water and Wastewater Consumption

5.12.1. Unmitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
Unrefrigerated Warehouse-No Rail	22,875,713	747,216
Refrigerated Warehouse-No Rail	7,625,237	0.00
General Office Building	1,066,402	0.00
Parking Lot	0.00	0.00

5.12.2. Mitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
Unrefrigerated Warehouse-No Rail	22,875,713	747,216
Refrigerated Warehouse-No Rail	7,625,237	0.00
General Office Building	1,066,402	0.00
Parking Lot	0.00	0.00

5.13. Operational Waste Generation

5.13.1. Unmitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
Unrefrigerated Warehouse-No Rail	93.0	—
Refrigerated Warehouse-No Rail	31.0	—
General Office Building	5.58	—
Parking Lot	0.00	—

5.13.2. Mitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
Unrefrigerated Warehouse-No Rail	23.2	—
Refrigerated Warehouse-No Rail	7.75	—
General Office Building	1.40	—
Parking Lot	0.00	—

5.14. Operational Refrigeration and Air Conditioning Equipment

5.14.1. Unmitigated

Land Use Type	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced
Refrigerated Warehouse-No Rail	Cold storage	R-404A	3,922	7.50	7.50	7.50	25.0
General Office Building	Household refrigerators and/or freezers	R-134a	1,430	0.02	0.60	0.00	1.00
General Office Building	Other commercial A/C and heat pumps	R-410A	2,088	< 0.005	4.00	4.00	18.0

5.14.2. Mitigated

Land Use Type	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced
Refrigerated Warehouse-No Rail	Cold storage	R-404A	3,922	7.50	7.50	7.50	25.0
General Office Building	Household refrigerators and/or freezers	R-134a	1,430	0.02	0.60	0.00	1.00
General Office Building	Other commercial A/C and heat pumps	R-410A	2,088	< 0.005	4.00	4.00	18.0

5.15. Operational Off-Road Equipment

5.15.1. Unmitigated

Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor

5.15.2. Mitigated

Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor

5.16. Stationary Sources

5.16.1. Emergency Generators and Fire Pumps

Equipment Type	Fuel Type	Number per Day	Hours per Day	Hours per Year	Horsepower	Load Factor

5.16.2. Process Boilers

Equipment Type	Fuel Type	Number	Boiler Rating (MMBtu/hr)	Daily Heat Input (MMBtu/day)	Annual Heat Input (MMBtu/yr)

5.17. User Defined

Equipment Type	Fuel Type

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1.2. Mitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.1.2. Mitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.2. Sequestration

5.18.2.1. Unmitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)

5.18.2.2. Mitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

Cal-Adapt midcentury 2040–2059 average projections for four hazards are reported below for your project location. These are under Representation Concentration Pathway (RCP) 8.5 which assumes GHG emissions will continue to rise strongly through 2050 and then plateau around 2100.

Climate Hazard	Result for Project Location	Unit
Temperature and Extreme Heat	27.9	annual days of extreme heat
Extreme Precipitation	2.60	annual days with precipitation above 20 mm
Sea Level Rise	0.00	meters of inundation depth

Wildfire	7.84	annual hectares burned

Temperature and Extreme Heat data are for grid cell in which your project are located. The projection is based on the 98th historical percentile of daily maximum/minimum temperatures from observed historical data (32 climate model ensemble from Cal-Adapt, 2040–2059 average under RCP 8.5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Extreme Precipitation data are for the grid cell in which your project are located. The threshold of 20 mm is equivalent to about ¾ an inch of rain, which would be light to moderate rainfall if received over a full day or heavy rain if received over a period of 2 to 4 hours. Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Sea Level Rise data are for the grid cell in which your project are located. The projections are from Radke et al. (2017), as reported in Cal-Adapt (2040–2059 average under RCP 8.5), and consider different increments of sea level rise coupled with extreme storm events. Users may select from four model simulations to view the range in potential inundation depth for the grid cell. The four simulations make different assumptions about expected rainfall and temperature are: Warmer/drier (HadGEM2-ES), Cooler/wetter (CNRM-CM5), Average conditions (CanESM2), Range of different rainfall and temperature possibilities (MIROC5). Each grid cell is 50 meters (m) by 50 m, or about 164 feet (ft) by 164 ft.
Wildfire data are for the grid cell in which your project are located. The projections are from UC Davis, as reported in Cal-Adapt (2040–2059 average under RCP 8.5), and consider historical data of climate, vegetation, population density, and large (> 400 ha) fire history. Users may select from four model simulations to view the range in potential wildfire probabilities for the grid cell. The four simulations make different assumptions about expected rainfall and temperature are: Warmer/drier (HadGEM2-ES), Cooler/wetter (CNRM-CM5), Average conditions (CanESM2), Range of different rainfall and temperature possibilities (MIROC5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

6.2. Initial Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	3	0	0	N/A
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	1	0	0	N/A
Wildfire	1	0	0	N/A
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	0	0	0	N/A

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores do not include implementation of climate risk reduction measures.

6.3. Adjusted Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	3	1	1	3

Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	1	1	1	2
Wildfire	1	1	1	2
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	1	1	1	2

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores include implementation of climate risk reduction measures.

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Exposure Indicators	—
AQ-Ozone	91.1
AQ-PM	51.4
AQ-DPM	21.5
Drinking Water	67.4
Lead Risk Housing	21.2
Pesticides	70.2
Toxic Releases	24.2
Traffic	74.1

Effect Indicators	—
CleanUp Sites	0.00
Groundwater	0.00
Haz Waste Facilities/Generators	50.1
Impaired Water Bodies	12.5
Solid Waste	22.1
Sensitive Population	—
Asthma	48.8
Cardio-vascular	78.2
Low Birth Weights	53.5
Socioeconomic Factor Indicators	—
Education	79.3
Housing	24.9
Linguistic	16.4
Poverty	46.8
Unemployment	73.4

7.2. Healthy Places Index Scores

The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Economic	—
Above Poverty	60.29770307
Employed	40.65186706
Median HI	53.71487232
Education	—
Bachelor's or higher	37.28987553
High school enrollment	21.68612858

Preschool enrollment	56.08879764
Transportation	—
Auto Access	87.47593995
Active commuting	24.03438984
Social	—
2-parent households	65.68715514
Voting	37.14872321
Neighborhood	—
Alcohol availability	82.31746439
Park access	26.70345182
Retail density	10.84306429
Supermarket access	22.85384319
Tree canopy	2.014628513
Housing	—
Homeownership	88.6179905
Housing habitability	84.80687797
Low-inc homeowner severe housing cost burden	74.63107917
Low-inc renter severe housing cost burden	62.78711664
Uncrowded housing	64.30129603
Health Outcomes	—
Insured adults	49.23649429
Arthritis	1.9
Asthma ER Admissions	51.4
High Blood Pressure	4.3
Cancer (excluding skin)	3.1
Asthma	46.1
Coronary Heart Disease	2.1

Chronic Obstructive Pulmonary Disease	9.6
Diagnosed Diabetes	20.7
Life Expectancy at Birth	41.6
Cognitively Disabled	70.6
Physically Disabled	50.9
Heart Attack ER Admissions	20.0
Mental Health Not Good	57.3
Chronic Kidney Disease	3.6
Obesity	36.5
Pedestrian Injuries	19.6
Physical Health Not Good	33.7
Stroke	7.6
Health Risk Behaviors	—
Binge Drinking	80.1
Current Smoker	59.6
No Leisure Time for Physical Activity	36.0
Climate Change Exposures	—
Wildfire Risk	7.4
SLR Inundation Area	0.0
Children	31.0
Elderly	48.0
English Speaking	75.4
Foreign-born	34.0
Outdoor Workers	12.6
Climate Change Adaptive Capacity	—
Impervious Surface Cover	83.3
Traffic Density	34.3

Traffic Access	23.0
Other Indices	—
Hardship	58.4
Other Decision Support	—
2016 Voting	52.4

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	55.0
Healthy Places Index Score for Project Location (b)	50.0
Project Located in a Designated Disadvantaged Community (Senate Bill 535)	No
Project Located in a Low-Income Community (Assembly Bill 1550)	No
Project Located in a Community Air Protection Program Community (Assembly Bill 617)	No

a: The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.
b: The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

7.4. Health & Equity Measures

No Health & Equity Measures selected.

7.5. Evaluation Scorecard

Health & Equity Evaluation Scorecard not completed.

7.6. Health & Equity Custom Measures

No Health & Equity Custom Measures created.

8. User Changes to Default Data

Screen	Justification
Construction: Construction Phases	Per construction dates
Construction: Architectural Coatings	SCAQMD Rule 1113

Operations: Vehicle Data	Trip rates per traffic study Truck trips under warehouse land use Passenger car trips under general office land use Trip length for trucks has been modified Trip percentage for truck and passenger cars has been modified
Operations: Fleet Mix	Truck fleet mix under the warehouse land use Passenger car fleet mix under the general office building land use
Operations: Architectural Coatings	SCAQMD Rule 1113

Model Output: OFFROAD2021 (v1.0.4) Emissions Inventory
Region Type: Sub-Area
Region: San Bernardino (SC)
Calendar Year: 2024
Scenario: All Adopted Rules - Exhaust
Vehicle Classification: OFFROAD2021 Equipment Types
Units: tons/day for Emissions, gallons/year for Fuel, hours/year for Activity, Horsepower-hours/year for Horsepower-hours

Region	Calendar Year	Vehicle Category	Model Year	Horsepower Bin	Fuel	HC_tpd	ROG_tpd	TOG_tpd	CO_tpd	NOx_tpd	CO2_tpd	PM10_tpd	PM2.5_tpd	SOx_tpd	NH3_tpd	el Consumpti	tal_Activity_h	Total_Population	Horsepower_Hours_hhpy
San Bernardino (SC)	2024	Industrial - Forklifts	Aggregate	100	Diesel	0.003691871	0.004467164	0.00531629	0.0553541	0.04212664	8.050593	0.002409194	0.00221646	7.45E-05	6.59E-05	261859.8017	306065.8879	392.7312337	25228131.43
San Bernardino (SC)	2024	Industrial - Misc - Forklifts	Aggregate	100	Gasoline	0.026785073	0.02463691	0.02947534	2.5320484	0.13680202	32.03446	0.002233519	0.00168755	0.000309	0.000479	1366341	652174.7	362	45652229
San Bernardino (SC)	2024	Industrial - Misc - Forklifts	Aggregate	100	Nat Gas	0	0	0.00552478	2.6238452	0.26264186	58.41244	0.005194833	0	0	0	3248653.3	1365183.95	757.78	95562876.5

	g/hph HC	ROG	TOG	CO	Nox	CO2	PM10	PM2_5	Sox	NH3	Fuel_gphr
2024	0.04845709	0.0586331	0.069778	0.726542	0.552927	105.667	0.031621514	0.0290918	0.00098	0.00086	3437001
2024	0.1942794	0.1786982	0.213793	18.36563	0.992262	232.355	0.016200322	0.0122402	0.00224	0.00347	9910441.9
2024	0	0	0.019144	9.091696	0.910061	202.401	0.018000239	0	0	0	11256673
	19.0306122	23.027041	27.40408	285.3358	217.1516	41498.7	12.41875605	11.425256	0.38408	0.33957	1.35E+09
	70.3291419	64.688745	77.39293	6648.359	359.1989	84112.4	5.864516712	4.4309682	0.81264	1.25681	3.588E+09
	0	0	14.50657	6889.505	689.6262	153375	13.64022102	0	0	0	8.53E+09
	0.05908039	0.0579935	0.078878	9.139238	0.837003	184.452	0.021106285	0.0104834	0.00079	0.00106	8904052.5

Site 3 Forklifts	3
HP	89
Hours per Day	12
Days per Year	365
1 pound =	453.5924 grams

Emissions Source (lb/day)	ROG	NOX	CO	SO2	PM10	PM2.5	CO2	MT/yr	PM10 tons/yr
Forklift Emissions	0.41	5.91	64.56	0.01	0.15	0.07	1,303	216	0.027

Based on emission rates obtained from CARB OFFROAD Version 1.0.4.
Number of forklifts per SCAQMD High Cube Warehouse Truck Trip Study White Paper Summary of Business Survey Results, June 2014.
OFFROAD data for San Bernardino County was used as Riverside County data was not available.

Model Output: OFFROAD2021 (v1.0.4) Emissions Inventory
Region Type: Sub-Area
Region: San Bernardino (SC)
Calendar Year: 2024
Scenario: All Adopted Rules - Exhaust
Vehicle Classification: OFFROAD2021 Equipment Types
Units: tons/day for Emissions, gallons/year for Fuel, hours/year for Activity, Horsepower-hours/year for Horsepower-hours

Region	Calendar Year	Vehicle Category	Model Year	Horsepower Bir	Fuel	HC_tpd	ROG_tpd	TOG_tpd	CO_tpd	NOx_tpd	CO2_tpd	PM10_tpd	PM2.5_tpd	SOx_tpd	NH3_tpd	Fuel Consumption	tal_Activity_h	Total_Population	rsepower_Hours_hh
San Bernardino (SC	2024	rt Ground Support - Cargo Tr	Aggregate	175	Diesel	2.74035E-05	3.31582E-05	3.94611E-05	0.00041402	0.00028002	0.06775277	1.63064E-05	1.50019E-05	6.27186E-07	5.54402E-07	2203.778901	819.088802	1.207211714	117815.8305
San Bernardino (SC	2024	rt Ground Support - Cargo Tr	Aggregate	300	Diesel	2.83534E-05	3.43076E-05	4.08289E-05	0.0002137	0.00032437	0.09897363	1.08417E-05	9.97434E-06	9.16547E-07	8.09873E-07	3219.292469	792.863323	1.207211714	172104.402

g/hph

	HC	ROG	TOG	CO	Nox	CO2	PM10	PM2_5	Sox	NH3	Fuel_gphr
2024	0.077019097	0.093193108	0.1109075	1.1636382	0.7870103	190.42297	0.045830084	0.042163677	0.001762741	0.001558177	6193844.215
2024	0.054551745	0.066007611	0.078554512	0.4111519	0.6240925	190.42476	0.020859334	0.019190587	0.001763432	0.001558191	6193902.447

	HC	ROG	TOG	CO	Nox	CO2	PM10	PM2_5	Sox	NH3	Fuel_gphr
2024	0.092978356	0.112503811	0.133888833	1.4047577	0.9500881	229.88084	0.055326614	0.050900485	0.002128002	0.001881049	7477281.294
2024	0.065855505	0.079685161	0.094831927	0.4963474	0.7534118	229.883	0.025181632	0.023167102	0.002128836	0.001881067	7477351.592
	0.158833862	0.192188972	0.228720761	1.9011051	1.7034999	459.76384	0.080508246	0.074067587	0.004256837	0.003762116	14954632.89
	0.065785421	0.079600359	0.094731006	0.7873951	0.7055514	190.42386	0.033344709	0.030677132	0.001763087	0.001558184	6193873.331

Site 3 Yard Trucks 1

HP 190
Hours per Day 6
Days per Year 365
1 pound = 453.5924 grams

Emissions Source (lb/day)	ROG	NOX	CO	SO2	PM10	PM2.5	CO2	MT/yr	PM10 tons/yr
Yard Truck Emissions	0.20	1.77	1.98	0.00	0.08	0.08	478.59	79.24	0.015

Based on aggregated emission rates obtained from CARB OFFROAD Version 1.0.4.
Number of yard trucks/hostlers per SCAQMD High Cube Warehouse Truck Trip Study White Paper Summary of Business Survey Results, June 2014.
OFFROAD data for San Bernardino County was used as Riverside County data was not available.

Site 3 - Emergency Backup Generator Emissions

	Fuel Type	Quantity	HP	LF	Hours/Year per Unit	Hours per Day	HP-hr per day	Total hp-hr per year
Standard Generator	Diesel	2	750	0.74	50	1	1,500	75,000

	HC	ROG	TOG	CO	NO_X	CO_2	PM_{10}	$PM_{2.5}$	PM	SO_X
Emissions Rates (g/hp-hr)	0.140	1.021	1.125	2.600	2.850	521.631	0.150	0.150	0.150	0.005
Pounds/Day	0.46	3.38	3.72	8.60	9.42	1725.00	0.50	0.50	0.50	0.02
Tons/Year	0.01	0.08	0.09	0.21	0.24	43.12	0.01	0.01	0.01	0.00
Metric tons/year						39.12				

Source: User Guide for CalEEMod Version 2022.1, Appendix G, Table G-40.

GHG Emissions (Metric tons)	CO_2e
	39.12

Model Output: OFFROAD2021 (v1.0.1) Emissions Inventory
Region Type: Sub-Area
Region: San Bernardino (SC)
Calendar Year: 2024, 2025, 2026
Scenario: All Adopted Rules - Exhaust
Vehicle Classification: OFFROAD2021 Equipment Types
Units: tons/day for Emissions, gallons/year for Fuel, hours/year for Activity, Horsepower-hours/year for Horsepower-hours

Region	Calendar Ye	Vehicle Category	Model Year	Horsepower	Fuel	HC_tpd	ROG_tpd	TOG_tpd	CO_tpd	NOx_tpd	CO2_tpd	PM10_tpd	PM2.5_tpd	SOx_tpd	NH3_tpd	Fuel Consumptic	Total_Activit	Total_Popul	Horsepower
San Bernard	2024	Transportation Refridgeration Unit - Ins	Aggregate	50	Diesel	0.0007554	0.007706	0.0010872	0.0008391	0.007912	1.27	0.0002108	0.0001939	2.103E-06	3.0029E-08	43573.82	81753.38	104.61	4087669
San Bernard	2024	Transportation Refridgeration Unit - Ins	Aggregate	50	Diesel	0.026786	0.2329544	0.0385631	0.0297566	0.1910643	42.75875	0.0045071	0.0041445	6.713E-05	9.58738E-07	1390948.37	1828821.7	1020.72	91441084
San Bernard	2024	Transportation Refridgeration Unit - Ou	Aggregate	50	Diesel	0.0006201	0.0063419	0.0008929	0.0006901	0.0059298	0.8376	0.0001987	0.0001828	1.44E-06	2.0569E-08	29832.09	55199.04	445.05	2759952
San Bernard	2024	Transportation Refridgeration Unit - Ou	Aggregate	50	Diesel	0.008641	0.08803	0.012446	0.0096	0.072615	11.86	0.0019308	0.0017771	1.872E-05	2.6745E-07	387779.76	511213.93	1879.37	25560697

		g/hph										
		HC	ROG	TOG	CO	Nox	CO2	PM10	PM2_5	Sox	NH3	Fuel_gphr
Annual TRU Hours per Truck	718.02	2024	0.0611924	0.6242365	0.0880703	0.0679726	0.6409239	102.87833	0.0170746	0.0157088	0.0001704	2.43255E-06	3529765.22
Daily Hours per Truck	1.97	2024	0.0969978	0.8435784	0.1396454	0.1077549	0.6918853	154.83871	0.0163211	0.0150081	0.0002431	3.4718E-06	5036925.791
		2024	0.0744007	0.7608758	0.1071278	0.0827894	0.7114337	100.4919	0.023843	0.0219347	0.0001727	2.46779E-06	3579134.817
		2024	0.1119405	1.1403914	0.1612327	0.1243639	0.9406966	153.64128	0.0250127	0.0230216	0.0002425	3.4647E-06	5023522.593

	Weighting										
	HC	ROG	TOG	CO	Nox	CO2	PM10	PM2_5	Sox	NH3	Fuel_gphr
2024	6.4013322	65.301385	9.2130373	7.1106141	67.047049	10762.102	1.78617	1.6432967	0.0178209	0.000254469	369248739.7
2024	99.00764	861.05736	142.5388	109.9876	706.22114	158046.97	16.659292	15.319111	0.2481402	0.003543732	5141290894
2024	33.112039	338.62777	47.677214	36.84544	316.62356	44723.919	10.611305	9.7620525	0.0768759	0.001098288	1592893950
2024	210.37761	2143.2173	303.01582	233.72585	1767.9169	288748.81	47.008111	43.266063	0.4556636	0.006511456	9441057656
	0.1011374	0.9879568	0.1456468	0.1123761	0.8284104	145.59948	0.0220494	0.0202886	0.0002315	3.30689E-06	4795852.233

Site 3 Trucks	19	
TRU HP	50	
Onsite Idling Time	0.25	hours
Total Idling Time	1.97	hours
1 pound =	453.5924	grams

Emissions Source	ROG	NOX	CO	SO2	PM10	PM2.5	CO2	MT/yr
Site 3 Transport Refrigeration Units	4.07	3.41	0.46	0.00	0.09	0.08	599.88	99
Onsite Emissions								
Site 3	0.52	0.43	0.06	0.00	0.01	0.01		

Based on aggregated TRU emission rates obtained from CARB OFFROAD Version 1.0.1.
TRU time from CARB OFFROAD for San Bernardino County.
OFFROAD data for San Bernardino County was used as Riverside County data was not available.

APPENDIX B2

HEALTH RISK ASSESSMENT

Health Risk Assessment
Compass Northern Gateway Project
Menifee, California

Prepared by:

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April 2024

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APPENDIX
Appendix A: Modeling Data

LIST OF ABBREVIATED TERMS

A	absorption factor from inhalation
ACES	Advanced Collaborative Emissions Study
ASF	age sensitivity factor
AB	Assembly Bill
APN	Assessor's Parcel Number
APS	auxiliary power system
AT	averaging time
AQMP	Air Quality Management Plan
ATCM	Airborne Toxic Control Measure
CARB	California Air Resources Board
CCAA	California Clean Air Act
CEQA	California Environmental Quality Act
CPF	cancer potency factor
C_{air}	air concentration from model
C_i	air concentration of substance
DBR	daily breathing rate
DOORS	Diesel Off-Road Reporting System
DPM	Diesel Particulate Matter
DRRP	Diesel Risk Reduction Plan
Dose-air	dose through inhalation
EMFAC	Emission Factors Model
ED	exposure duration
EF	exposure frequency
°F	degrees Fahrenheit
FCAA	Federal Clean Air Act
FAH	fraction of time spent at home
GVWR	gross vehicle weight rating
HAP	hazardous air pollutant
HOA	homeowner's association
HRA	health risk assessment
kg	kilogram
L	liter
MATES	Multiple Air Toxics Exposure Study
MEIR	Maximally Exposed Individual Resident
mg	milligrams
$\mu g/m^3$	micrograms per cubic meter
MSAT	Mobile Source Air Toxic
NAAQS	National Ambient Air Quality Standards
NED	National Elevation Dataset
NESHAP	National Emissions Standards for Hazardous Air Pollutants
NO_2	nitrogen dioxide
NO_X	nitrogen oxides

LIST OF ABBREVIATED TERMS (CONTINUED)

O_3	ozone
OEHHA	Office of Environmental Health Hazard Assessment
PM	particulate matter
PM_{10}	particulate matter less than 10 microns in diameter
$PM_{2.5}$	particulate matter less than 2.5 microns in diameter
PERP	Portable Equipment Registration Program
REL	Reference Exposure Level
REL_i	Reference Exposure Level of substance
$Risk_{inh\text{-}res}$	residential inhalation cancer risk
SB	Senate Bill
SCAB	South Coast Air Basin
SCAQMD	South Coast Air Quality Management District
T-BACT	toxics best available control technology
TAC	Toxic Air Contaminant
U.S. EPA	United States Environmental Protection Agency
VMT	vehicle miles traveled
VOC	volatile organic compound

1 INTRODUCTION

The purpose of this Health Risk Assessment (HRA) is to evaluate potential health risks associated with Toxic Air Contaminants (TAC) including diesel particulate matter (DPM) resulting from the implementation of the proposed Compass Northern Gateway Project ("Project" or "proposed Project"). This HRA was prepared in accordance with the requirements of the South Coast Air Quality Management District (SCAQMD) and guidance from the Office of Environmental Health Hazard Assessment (OEHHA) to determine if health risks are likely to occur from the Project. In addition to this HRA, an Air Quality Assessment and a Greenhouse Gas Emissions Assessment for this Project have also been prepared. Technical data are included in Appendix A: Modeling Data.

1.1 Project Location

The Project is generally located in the northeastern part of the City of Menifee (City), in the County of Riverside (County), in the State of California. Regional access to the Project is provided via Interstate (I-215); refer to Exhibit 1: Regional Vicinity and Exhibit 2: Local Vicinity.

Project Site 1 (Corsica Lane) DEV2022-010

Project Site 1 related improvements would occur on three separate accessor parcel numbers (APN: 330-180-010, -046, and -006) in the City of Menifee. Project Site 1 is bisected by Corsica Lane and generally bounded by a Southern California Edison (SCE) public utility corridor and McLaughlin Road to the south; single-family residential uses, Aaron Alan Drive, and Ruffian Road to the north; Goetz Road with single family residences beyond to the west; and Wheat Street to the east.

Project Site 2 (Wheat Street) DEV2022-012

Project Site 2 related improvements would occur on one parcel (APN: 330-180-012) or more specifically at 26201 Wheat Street in the City of Menifee. Project Site 2 is generally bounded by single-family residences to the south; vacant land and Ethanac Road to the north; single family residences and Ruffian Road to the west; and Wheat Street to the east.

Project Site 3 (Evans Road) DEV2022-018

Project Site 3 related improvements would occur on one parcel (APN: 331-060-018) southeast of the intersection of Ethanac Road and Evans Road in the City of Menifee. Project Site 3 is generally bounded by vacant land to the south; Ethanac Road and the City of Perris to the north; vacant land, a Riverside County flood control channel, and Barnett Road to the east; and Evans Road and a single-family residence to the west.

1.2 Project Description

The Project proposes the development of approximately 461,237 square feet (SF) of industrial warehousing within four buildings on three separate sites, totaling 25.90 total gross-acres. Project Sites 1 through 3 also include associated facilities and improvements which includes loading dock doors, on-site landscaping, and related on-site and off-site improvements (roadway improvements, sewer, storm drain, utilities).

Since the release of the Notice of Preparation (NOP) on January 13, 2023, the Project's design has changed. The original Project Site 1 included three buildings on four separate parcels. However, APN 330-180-029 was removed from Project Site 1 and thus reduced the total proposed buildings from three to two, now totaling 234,921 square feet (SF). In addition, the building on Site 2 was increased from 86,676 SF to 87,770 SF and the building on Site 3 was increased from 137,896 SF to 138,546 SF. However, to be conservative, the Health Risk Assessment (where applicable) analyzes the Project as described in the NOP which was 28,366 SF larger than what is currently proposed.

Project Site 1 (Corsica Lane) DEV2022-010

Project Site 1 related improvements would occur on three separate accessor parcel numbers (APN: 330-180-010, and -006) totaling approximately 13.66 gross acres and includes the construction of two concrete tilt-up buildings totaling 234,921 SF. More specifically, Building 1 would total 154,831 SF, inclusive of 5,000 SF office space and proposes a structural height of 41 feet and includes 136 automobile parking spaces and 16 trailer parking spaces. Building 2 would total 80,090 SF, inclusive of 4,000 SF of office space and proposes a structural height of 41 feet and includes 80 automobile parking spaces; refer to Exhibit 3: Site Plan (Site 1).

Project Site 2 (Wheat Street) DEV2022-012

Project Site 2 consists of the demolition of an existing residential structure and includes the construction of one concrete tilt-up building totaling 87,770 SF, inclusive of 5,000 SF of office space and 4,500 SF of mezzanine, on approximately 4.72 gross acres. The building proposes a structural height of 40 feet and would include a total of 112 automobile parking spaces; refer to Exhibit 4: Site Plan (Site 2).

Project Site 3 (Evans Road) DEV2022-018

Project Site 3 would include the construction of one concrete tilt-up building totaling 138,546 SF, inclusive of 3,000 SF of office space and 3,000 of mezzanine, on approximately 7.52 gross acres. The building proposes a structural height of 43 feet and would include a total of 154 automobile parking spaces; refer to Exhibit 5: Site Plan (Site 3).

General Plan Land Use Designations and Zoning Classifications

The Project Sites' existing land use designation is Economic Development Corridor (EDC) – Northern Gateway. The Project's proposed industrial uses are allowed within the EDC – Northern Gateway land use designation. The Project Sites' existing zoning classification is the Economic Development Corridor-Northern Gateway (EDC-NG). The Project's proposed industrial uses are permitted within the EDC-NG zoning classification.

Project Phasing and Construction

The Project is anticipated to be developed in one phase. Construction is anticipated to occur over a duration of 12 months, beginning in late 2024.

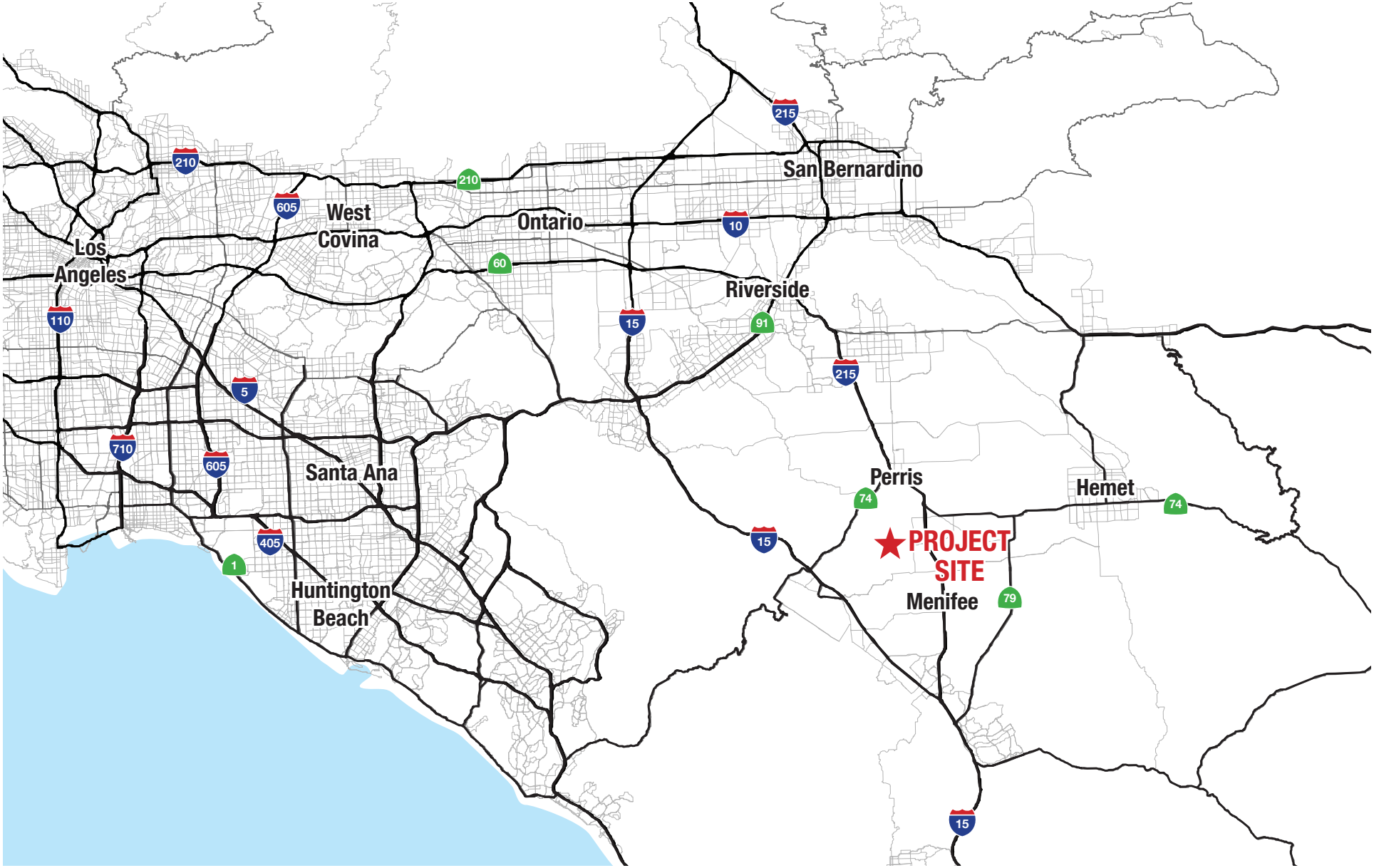


EXHIBIT 1: Regional Vicinity Map

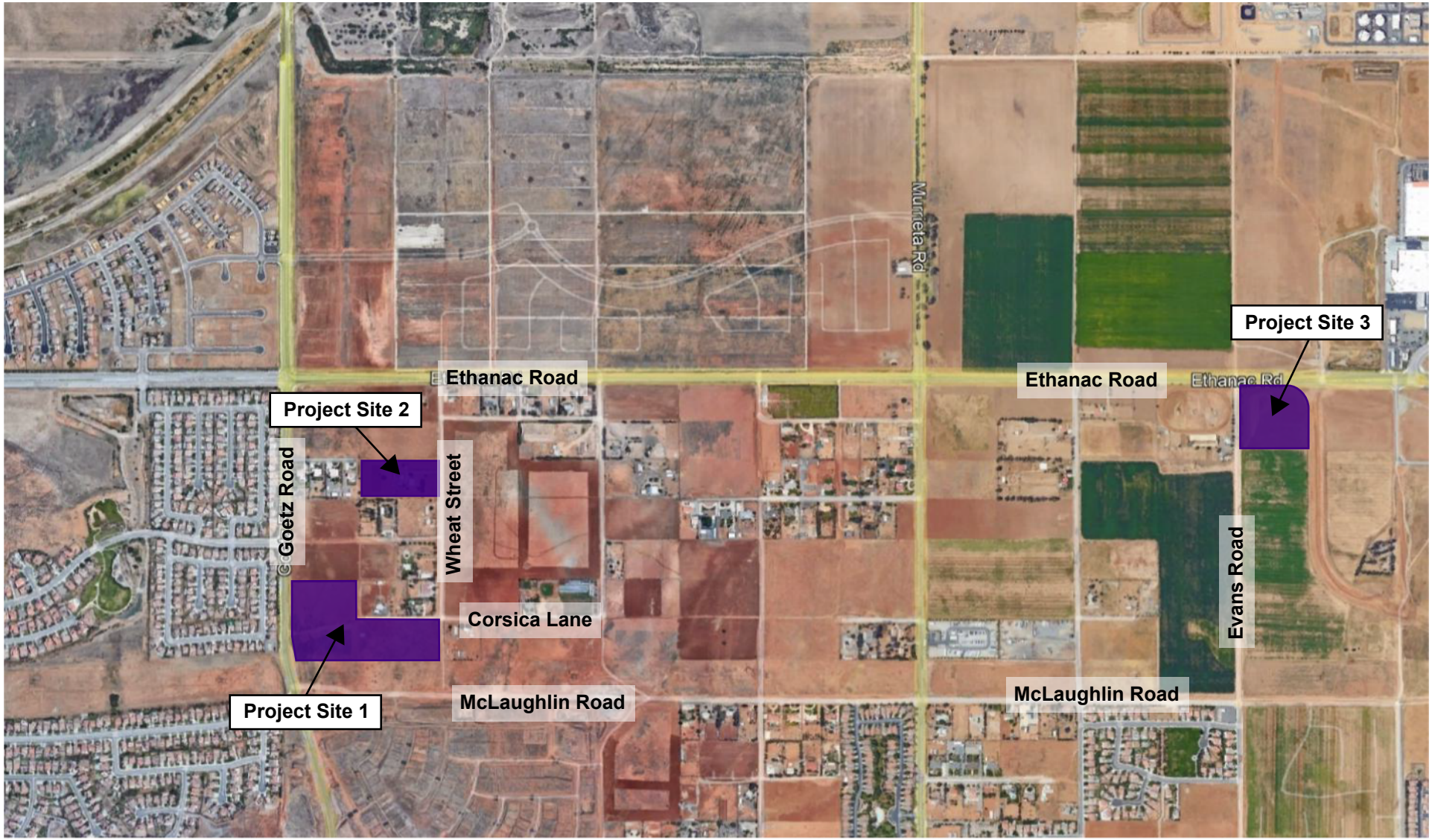
Menifee Compass Northern Gateway Warehouses Project

City of Menifee

Not to Scale

Kimley»Horn

Expect More. Experience Better.



Source: Google Earth Pro

EXHIBIT 2: Local Vicinity Map

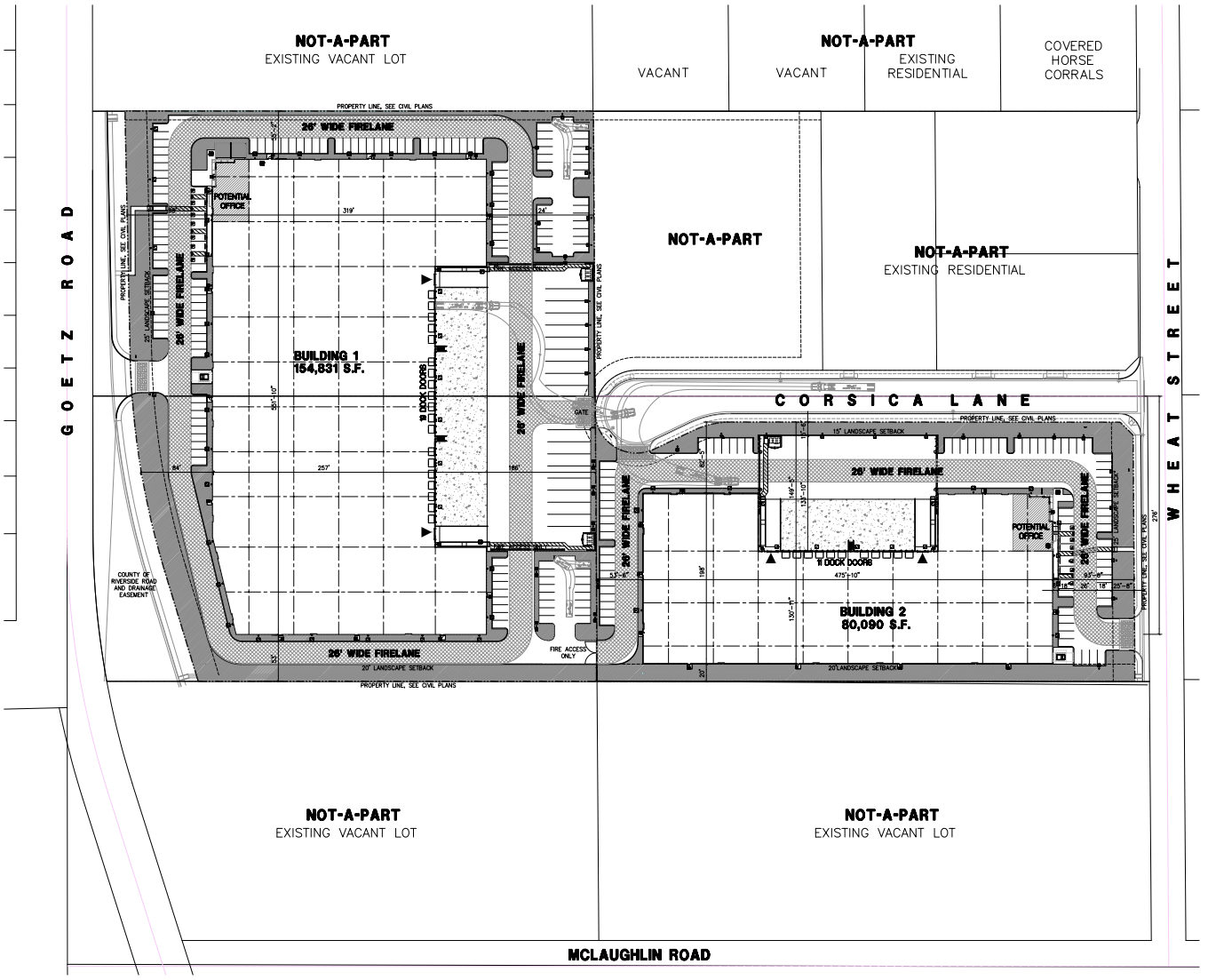
Menifee Compass Northern Gateway Warehouses Project

City of Menifee

Not to Scale

Kimley»Horn

Expect More. Experience Better.



PROJECT DATA

	BLDG. 1	BLDG. 2	TOTAL	
SITE AREA				
In s.f.	345,614	184,042	529,656	s.f.
In acres	7.93	4.23	13.99	ac
BUILDING AREA				
Office	5,000	4,000	9,000	s.f.
Warehouse	149,831	76,090	225,921	s.f.
TOTAL	**154,831**	**80,090**	**234,921**	s.f.
COVERAGE	44.8%	43.5%	44.4%	
AUTO PARKING REQUIRED				
Office: 1/300 s.f.	17	13	30	stalls
Whse: 1st 100k @ 1/1,000 s.f.	100	76	176	stalls
100k to 500k @ 1/1,500 s.f.	34		34	stalls
over 500k @ 1/2,000 s.f.			0	stalls
TOTAL	151	89	240	stalls
10% Reduction per Items 1 and 2 below under Alltternative Programs for Parking				
Parking Reduction	15	9	24	stalls
Total parking required w ith reduction	**136**	**80**	**216**	**stalls**
Alternative Programs for Parking				
1. Roadw ay improvements and/or dedications that go beyond the code required improvements or traffic study recommended improvements (5%)				
2. Lot consolidation and elimination of existing legal non-conforming uses/structures/properties totaling a minimum of 5 acres (5%)				
3. Renew able energy – 100% of the Initial improvements for the facility to be pow ered by solar or by renew able sources (5%)				
4. Added landscape setbacks beyond first 25 feet (1% for 5 feet, 3% for 10 feet, 5% for 15 feet)				
Required Accessible Parking				
Van Accesible (12' x 18')	1	1	2	stalls
Standard Accessible (9' x 18')	4	3	7	stalls
Future EV Van Accessible (12'x18')	1	1	2	stalls
Future EV Standard Accessible (9'x18')	1	1	2	stalls
Future EV and Clean Air/Van Pool/EV Requirements				
Future EV Parking (9'x18') (76-100 stalls)	11	7	18	stalls
Clean Air/Van Pool/EV (9'x18') (76-100 stalls)	5	3	8	stalls
Note: Future charging spaces qualify as designated parking as described in section 5.106.5.2				
Designated parking for clean air vehicles				
AUTO PARKING PROVIDED				
Standard (9' x 18')	120	65	185	stalls
Accesible (9' x 18')	4	3	7	stalls
Van Accesible (12' x 18')	1	1	2	stalls
Future EV Van Accesible (12' x 18')	1	1	2	stalls
Future EV Standard Accessible (9'x18')	1	1	2	stalls
Future Standard EV (9' x 18')	11	7	18	stalls
Clean Air Vehicle (9' x 18')	5	3	8	stalls
TOTAL	143	81	224	stalls
BICYCLE PARKING				
Required				
Short Term @ 1/25 car spaces	6	4	10	racks
Long Term @ 1/25 car spaces	6	4	10	racks
1 Bicycle space for every 25 parking spaces required. A minimum of 2 bicycle spaces required.				
Provided				
Short Term	6	4	10	racks
Long Term	6	4	10	racks
TRAILER PARKING PROVIDED				
Trailer (10' x 55')	16	0	16	stalls
ZONING ORDINANCE FOR CITY				
Zoning Designation - Economic Development Corridor - Northern Gatew ay (EDC-NG)				
MAXIMUM BUILDING HEIGHT ALLOWED				
Height - 100'				
MAXIMUM FLOOR AREA RATIO				
FAR - 1.0				
LANDSCAPE REQUIREMENT				
Percentage - 10% (sf)	34,561	18,404	52,966	sf
LANDSCAPE PROVIDED				
Percentage	16%	20%	17%	
Area (sf)	53,628	36,234	89,862	sf
SETBACKS				
Front - 25'				
Street side - 15'				
Rear yard - 10'				
STATEMENT OF OPERATION				
Occupancy / Operations TBD				
(Potential Uses: General w arehouse, distribution centers and storage; Manufacturing, Light or Medium-Intensity.)				

Source: HPA Inc. (2024). Master Site Plan

EXHIBIT 3: Site Plan (Site 1)

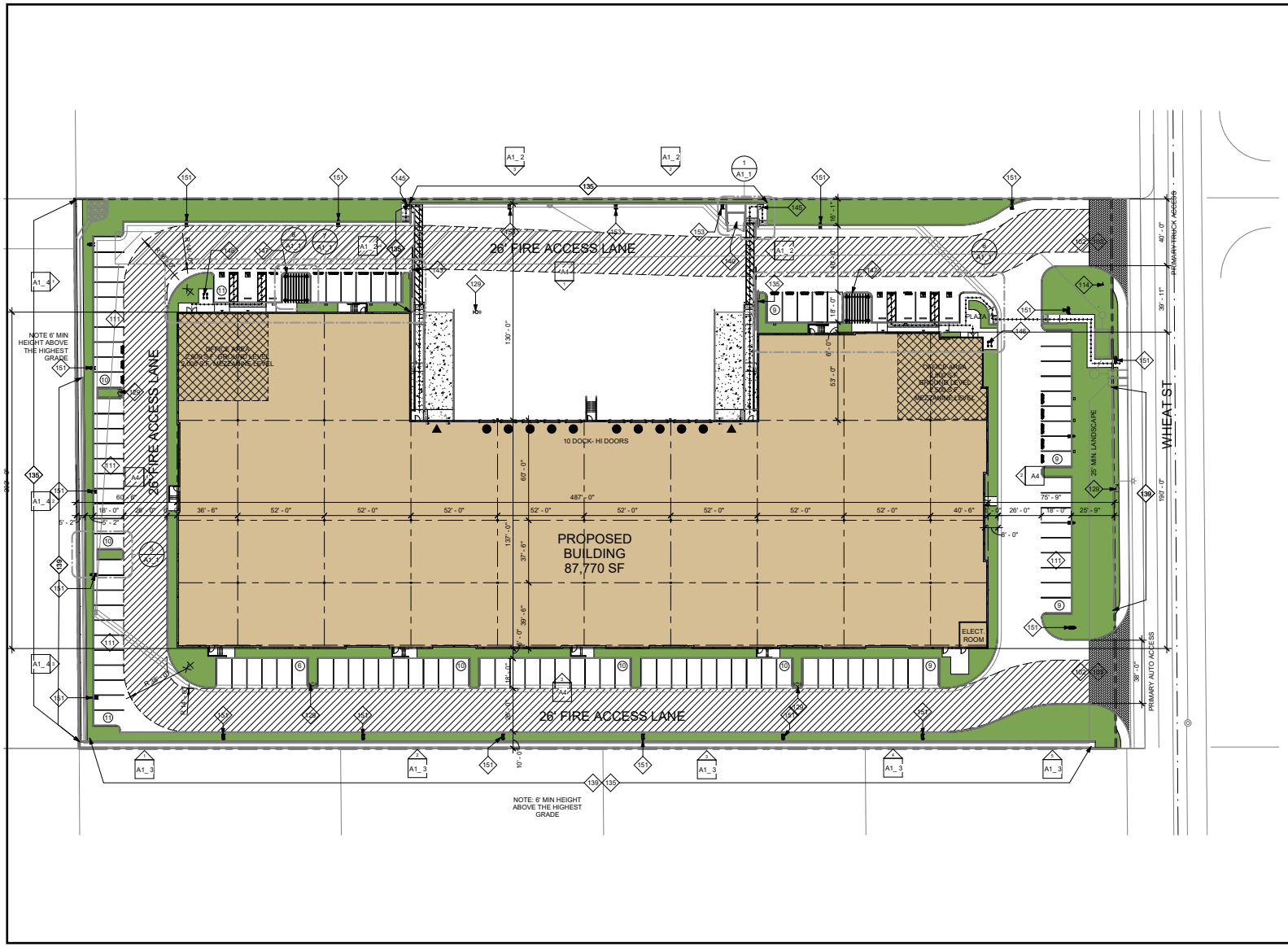
Menifee Compass Northern Gateway Warehouses Project

City of Menifee

Not to Scale

Kimley»Horn

Expect More. Experience Better.



GROSS SITE AREA

SQUARE FOOTAGE	ACRES
205477 SF	4.72

FLOOR AREA RATIO

BUILDING AREA	SITE AREA	FAR ALLOWABLE	FAR PROVIDED
87700 SF	205477 SF	100%	42.7%

BUILDING AREA SUMMARY

NAME	AREA
GROUND FLOOR	
WAREHOUSE	78200 SF
OFFICE	2500 SF
OFFICE	2500 SF
	83200 SF
MEZZANINE	
OFFICE	2500 SF
OFFICE	2000 SF
	4500 SF
GROUND LEVEL + MEZZANINE	
WAREHOUSE	78200 SF
OFFICE	9500 SF
TOTAL BUILDING AREA	87700 SF

LANDSCAPE AREA SUMMARY

LOT AREA	% LANDSCAPING REQUIRED	AREA LANDSCAPING PROVIDED	% LANDSCAPING PROVIDED
205644 SF	10%	33904 SF	16.5%

TOTAL PARKING REQUIRED

BUILDING USE	BUILDING AREA	PARKING RATIO 1/X	REQ. PARKING
OFFICE	9500 SF	300	31.67
WAREHOUSE	78200 SF	1000	78.20
TOTAL	87700 SF		109.87

REQUIRED PARKING BREAKDOWN

SPACE TYPE	SPACES REQUIRED
STANDARD STALLS	85
STANDARD ACCESSIBLE STALLS	4
VAN ACCESSIBLE STALLS	1
CLEAN AIR STALLS	7
FUTURE EV CHARGING ONLY STALLS	11
FUTURE EV CHARGING ONLY STANDARD ACCESSIBLE STALLS	1
FUTURE EV CHARGING ONLY VAN ACCESSIBLE STALLS	1
TOTAL	110

PARKING PROVIDED

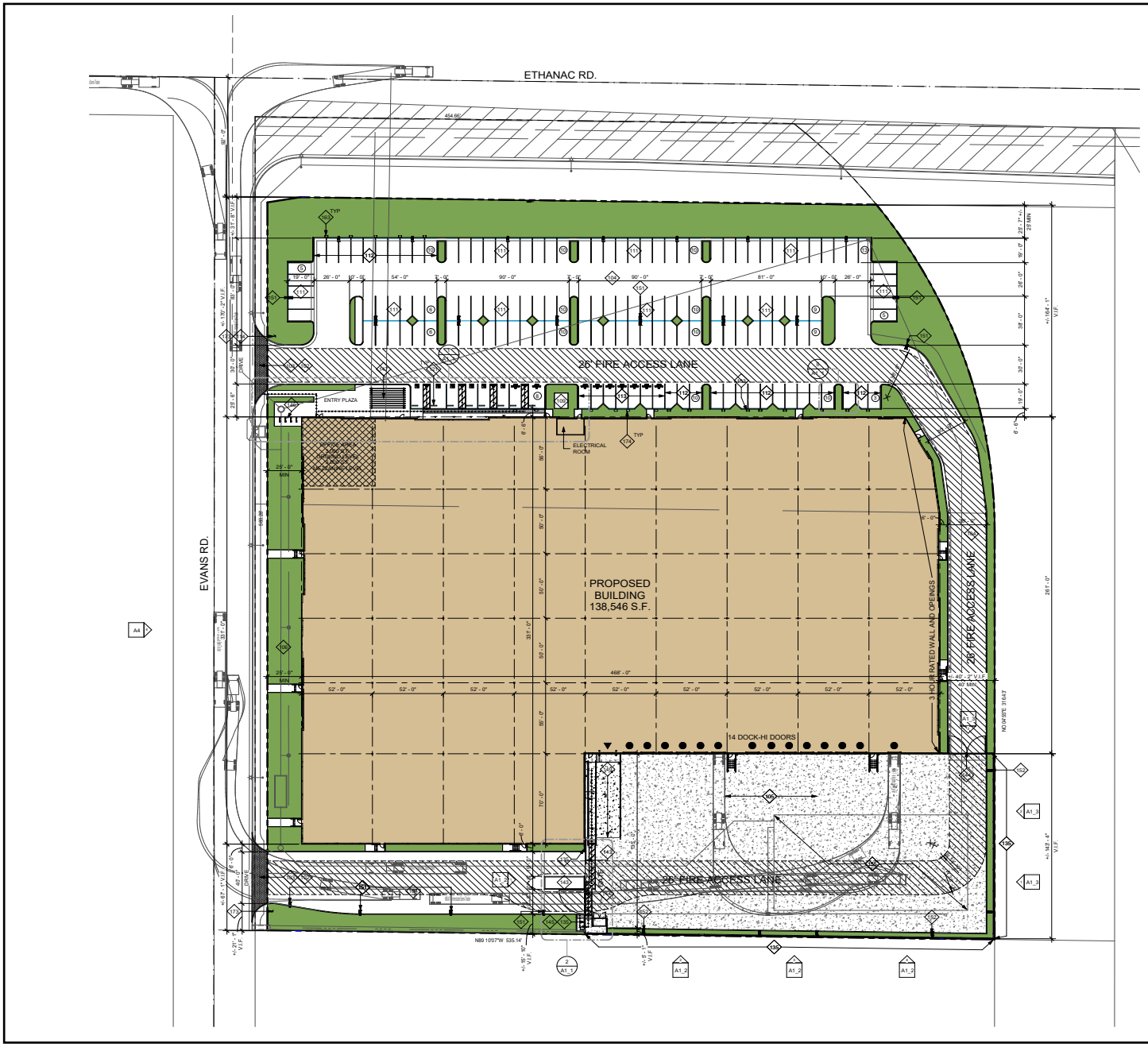
SPACE TYPE	SPACES PROVIDED
STANDARD STALLS	87
STANDARD ACCESSIBLE STALLS	3
VAN ACCESSIBLE STALLS	2
CLEAN AIR STALLS	7
FUTURE EV CHARGING ONLY STALLS	11
FUTURE EV CHARGING ONLY STANDARD ACCESSIBLE STALLS	1
FUTURE EV CHARGING ONLY VAN ACCESSIBLE STALLS	1
TOTAL	112

Source: Herdman. (2023). Site Plan

Exhibit 4: Site Plan (Site 2)
City of Menifee
Compass Northern Gateway

Not to Scale

Kimley»Horn



SITE AREA

SQUARE FOOTAGE	ACRES
GROSS	
327656 SF	7.52
NET	
295988 SF	6.79

FLOOR AREA RATIO

BUILDING AREA	SITE AREA	FAR ALLOWABLE	FAR PROVIDED
138546 SF	295988 SF	100%	46.8%

BUILDING AREA SUMMARY

NAME	AREA
GROUND FLOOR	
WAREHOUSE	132546 SF
OFFICE	3000 SF
	135546 SF
MEZZANINE	
OFFICE	3000 SF
	3000 SF
GROUND LEVEL + MEZZANINE	
WAREHOUSE	132546 SF
OFFICE	6000 SF
TOTAL BUILDING AREA	138546 SF

LANDSCAPE AREA SUMMARY

LOT AREA	% LANDSCAPING REQUIRED	AREA LANDSCAPING PROVIDED	% LANDSCAPING PROVIDED
295988 SF	10%	46903 SF	15.8%

TOTAL PARKING REQUIRED

BUILDING USE	BUILDING AREA	PARKING RATIO 1/X	REQ. PARKING
OFFICE	6000 SF	300	20.00
WAREHOUSE	32546 SF	1500	21.70
WAREHOUSE	100000 SF	1000	100.00
TOTAL	138546 SF		141.70

REQUIRED PARKING BREAKDOWN

SPACE TYPE	SPACES REQUIRED
STANDARD STALLS	112
STANDARD ACCESSIBLE STALLS	5
VAN ACCESSIBLE STALLS	0
EV CAPABLE STALL (w/o EVSE)	19
EVCS (EV CAPABLE STALL w/ EVSE)	4
STANDARD ACCESSIBLE EVCS (EV CAPABLE STALL w/ EVSE)	1
VAN ACCESSIBLE EVCS (EV CAPABLE STALL w/ EVSE)	1
TOTAL	142

PARKING PROVIDED

SPACE TYPE	SPACES PROVIDED
STANDARD STALLS	113
STANDARD ACCESSIBLE STALLS	5
VAN ACCESSIBLE STALLS	1
EV CAPABLE STALL (w/o EVSE)	26
EVCS (EV CAPABLE STALL w/ EVSE)	7
STANDARD ACCESSIBLE EVCS (EV CAPABLE STALL w/ EVSE)	1
VAN ACCESSIBLE EVCS (EV CAPABLE STALL w/ EVSE)	1
TOTAL	154

Source: Herdman. (2023). Proposed Site Plan

Exhibit 5: Site Plan (Site 3)
City of Menifee
Compass Northern Gateway

Not to Scale

Kimley»Horn

2 ENVIRONMENTAL SETTING

2.1 Climate

The general region lies in the semi-permanent high-pressure zone of the eastern Pacific. The climate is mild and tempered by cool sea breezes. The usually mild climatological pattern is interrupted infrequently by periods of extremely hot weather, winter storms, or Santa Ana winds. The extent and severity of the air pollution problem in the South Coast Air Basin (SCAB) is a function of the area's natural physical characteristics (weather and topography), as well as man-made influences (development patterns and lifestyle). Factors such as wind, sunlight, temperature, humidity, rainfall, and topography all affect the accumulation and/or dispersion of pollutants throughout the SCAB. These factors along with applicable regulations are discussed below.

The average annual temperature varies little throughout the SCAB, averaging 75 degrees Fahrenheit (°F). However, with a less-pronounced oceanic influence, the eastern inland portions of the SCAB show greater variability in annual minimum and maximum temperatures. All portions of the SCAB have had recorded temperatures over 100°F in recent years.

2.2 Meteorology

Although the SCAB has a semi-arid climate, the air near the surface is moist due to the presence of a shallow marine layer. Except for infrequent periods when dry, continental air is brought into the SCAB by offshore winds, the ocean effect is dominant. Periods with heavy fog are frequent, and low stratus clouds, occasionally referred to as "high fog," are a characteristic climate feature. Annual average relative humidity is 70 percent at the coast and 57 percent in the eastern part of the SCAB. Precipitation in the SCAB is typically nine to 14 inches annually and is rarely in the form of snow or hail due to typically warm weather. The frequency and amount of rainfall is greater in the coastal areas of the SCAB.

A temperature inversion is defined as an increase in temperature with height, or to the layer within which such an increase occurs. The height of the inversion is important in determining pollutant concentration. When the inversion is approximately 2,500 feet above sea level, the sea breezes carry the pollutants inland to escape over the mountain slopes or through the passes. At a height of 1,200 feet, the terrain prevents the pollutants from entering the upper atmosphere, resulting in a settlement in the foothill communities. Below 1,200 feet, the inversion puts a tight lid on pollutants, concentrating them in a shallow layer over the entire SCAB. Usually, inversions are lower before sunrise than during the day. Mixing heights for inversions are lower in the summer and more persistent, being partly responsible for the high levels of ozone (O_3) observed during summer months in the SCAB. Smog in southern California is generally the result of these temperature inversions combining with coastal day winds and local mountains to contain the pollutants for long periods of time, allowing them to form secondary pollutants by reacting with sunlight. The SCAB has a limited ability to disperse these pollutants due to typically low wind speeds.

The area in which the Project is located offers clear skies and sunshine yet is still susceptible to air inversions. These inversions trap a layer of stagnant air near the ground, where it is then further loaded with pollutants. These inversions cause haziness, which is caused by moisture, suspended dust, and a variety of chemical aerosols emitted by trucks, automobiles, furnaces, and other sources.

2.3 Toxic Air Contaminants

Toxic Air Contaminants (TACs) are airborne substances capable of causing short-term (acute) and long-term (chronic or carcinogenic, i.e., cancer causing) adverse human health effects (i.e., injury or illness). TACs include both organic and inorganic chemical substances. They may be emitted from a variety of common sources including gasoline stations, automobiles, dry cleaners, industrial operations, and painting operations. The current California list of TACs includes approximately 200 compounds, including particulate emissions from diesel-fueled engines.

Hazardous Air Pollutants (HAP) is a term used by the Federal Clean Air Act (FCAA) that includes a variety of pollutants generated or emitted by industrial production activities. Identified as TACs under the California Clean Air Act (CCAA), ten have been singled out through ambient air quality data as being the most substantial health risk in California. Direct exposure to these pollutants has been shown to cause cancer, birth defects, damage to the brain and nervous system, and respiratory disorders. The California Air Resources Board (CARB) provides emission inventories for only the larger air basins.

TACs do not have ambient air quality standards because no safe levels of TACs can be determined. Instead, TAC impacts are evaluated by calculating the health risks associated with a given exposure. The requirements of the Air Toxic "Hot Spots" Information and Assessment Act (Assembly Bill [AB] 2588) apply to facilities that use, produce, or emit toxic chemicals. Facilities subject to the toxic emission inventory requirements of the act must prepare and submit toxic emission inventory plans and reports, and periodically update those reports.

Toxic contaminants often result from fugitive emissions during fuel storage and transfer activities, and from leaking valves and pipes. For example, the electronics industry, including semiconductor manufacturing, uses highly toxic chlorinated solvents in semiconductor production processes. Sources of air toxics go beyond industry, however. Automobile exhaust also contains toxic air pollutants such as benzene and 1,3-butadiene. Exhaust from trucks, buses, trains, ships, and other equipment with diesel engines contains a mixture of solid particles known as diesel particulate matter (DPM). DPM contains hundreds of different chemicals.

In California, on-road diesel-fueled engines contribute approximately 24 percent of the statewide total DPM, with an additional 71 percent attributed to other mobile sources such as construction and mining equipment, agricultural equipment, and transport refrigeration units. Stationary sources contribute about 5 percent of total DPM. It should be noted that CARB has developed several plans and programs to reduce diesel emissions such as the Diesel Risk Reduction Plan (DRRP), the Statewide Portable Equipment Registration Program (PERP), and the Diesel Off-Road Reporting System (DOORS). The PERP and DOORS programs allow owners or operators of portable engines and certain other types of equipment can register their units in order to operate their equipment throughout California without having to obtain individual permits from local air districts.

As noted above, diesel exhaust and many individual substances contained in it (including arsenic, benzene, formaldehyde, and nickel) have the potential to contribute to mutations in cells that can lead to cancer. Long-term exposure to diesel exhaust particles poses the highest cancer risk of any TAC evaluated by OEHHA. CARB estimates that about 70 percent of the cancer risk that the average Californian faces from breathing toxic air pollutants stems from diesel exhaust particles.

In its comprehensive assessment of diesel exhaust, OEHHA analyzed more than 30 studies of people who worked around diesel equipment, including truck drivers, railroad workers, and equipment operators. The studies showed these workers were more likely to develop lung cancer than workers not exposed to diesel emissions. These studies provide strong evidence that long-term occupational exposure to diesel exhaust increases the risk of lung cancer. Using information from OEHHA's assessment, CARB estimates that diesel particle levels measured in California's air in 2000 could cause 540 "excess" cancers in a population of 1 million people over a 70-year lifetime. Other researchers and scientific organizations, including the National Institute for Occupational Safety and Health, have calculated cancer risks from diesel exhaust similar to those developed by OEHHA and CARB.

Exposure to diesel exhaust can have immediate health effects. Diesel exhaust can irritate the eyes, nose, throat, and lungs, and it can cause coughs, headaches, lightheadedness, and nausea. In studies with human volunteers, diesel exhaust particles made people with allergies more susceptible to the materials to which they are allergic, such as dust and pollen. Exposure to diesel exhaust also causes inflammation in the lungs, which may aggravate chronic respiratory symptoms and increase the frequency or intensity of asthma attacks.

The elderly and people with emphysema, asthma, and chronic heart and lung disease are especially sensitive to fine-particle pollution. Numerous studies have linked elevated particle levels in the air to increased hospital admissions, emergency room visits, asthma attacks, and premature deaths among those suffering from respiratory problems. Because children's lungs and respiratory systems are still developing, they are also more susceptible than healthy adults to fine particles. Exposure to fine particles is associated with increased frequency of childhood illnesses and can also reduce lung function in children. In California, diesel exhaust particles have been identified as a carcinogen.

2.4 Sensitive Receptors

Sensitive populations are more susceptible to the effects of air pollution than is the general population. Sensitive receptors that are in proximity to localized TAC sources are of particular concern. Land uses considered sensitive receptors include residences, schools, playgrounds, childcare centers, long-term health care facilities, rehabilitation centers, convalescent centers, and retirement homes. The Project is surrounded by legal non-conforming residences, vacant/undeveloped land uses. Existing residential is also located to the west across Goetz Road from Site 1 and Site 2. Sensitive land uses nearest to the Project are shown in **Table 2: Sensitive Receptors**.

Table 1: Sensitive Receptors	
Receptor Description	**Distance and Direction from the Project[1]**
Project Site 1 (Corsica Lane)	
Single-family Residence	50 feet to the east
Single-family Residences	105 feet to the west
Single-family Residence	107 feet to the east
Single-family Residences	495 feet to the southwest
Project Site 2 (Wheat Street)	
Single-family Residences	40 feet to the west
Single-family Residences	40 feet to the south
Single-family Residences	470 feet to the northeast
Project Site 3 (Evans Road)	
Single-family Residence	1,130 feet to the west
1. Distances have been measured from nearby buildings to the boundary of the Project construction site.	
Source: Google Earth, 2023.	

3 REGULATORY SETTING

3.1 Federal

Federal Clean Air Act

The FCAA was amended in 1990 to address the numerous air pollutants that are known to cause or may reasonably be anticipated to cause adverse effects to human health or adverse environmental effects. 188 specific pollutants and chemical groups were initially identified as HAPs, and the list has been modified over time. The FCAA Amendments included new regulatory programs to control acid deposition and for the issuance of stationary source operating permits.

In 2001, the United States Environmental Protection Agency (U.S. EPA) issued its first Mobile Source Air Toxics Rule, which identified 21 mobile source air toxic (MSAT) compounds as being HAPs that required regulation. A subset of six of these MSAT compounds were identified as having the greatest influence on health and included benzene, 1,3-butadiene, formaldehyde, acrolein, acetaldehyde, and DPM. More recently, the U.S. EPA issued a second MSAT Rule in February 2007, which generally supported the findings in the first rule and provided additional recommendations of compounds having the greatest impact on health. The rule also identified several engine emission certification standards that must be implemented. Unlike the criteria pollutants, toxics do not have National Ambient Air Quality Standards (NAAQS) making evaluation of their impacts more subjective.

National Emissions Standards for Hazardous Air Pollutants (NESHAPs) were incorporated into a greatly expanded program for controlling toxic air pollutants. The provisions for attainment and maintenance of the NAAQS were substantially modified and expanded. Other revisions included provisions regarding stratospheric ozone protection, increased enforcement authority, and expanded research programs.

Section 112 of the FCAA Amendments governs the federal control program for HAPs. NESHAPs are issued to limit the release of specified HAPs from specific industrial sectors. These standards are technology-based, meaning that they represent the best available control technology an industrial sector could afford. The level of emissions controls required by NESHAPs are not based on health risk considerations because allowable releases and resulting concentrations have not been determined to be safe for the general public. The FCAA does not establish air quality standards for HAPs that define legally acceptable concentrations of these pollutants in ambient air.

Federal Emissions Standards for On-Road Trucks

To reduce emissions from on-road, heavy-duty diesel trucks, the U.S. EPA established a series of increasingly strict emission standards for new engines, starting in 1988. The U.S. EPA promulgated the final and cleanest standards with the 2007 Heavy-Duty Highway Rule.[1] The particulate matter (PM) emission standard of 0.01 gram per horsepower-hour (g/hp-hr) is required for new vehicles beginning with model year 2007. Also, the NO_X and nonmethane hydrocarbon (NMHC) standards of 0.20 g/hp-hr and 0.14 g/hp-hr, respectively, were phased in together between 2007 and 2010 on a percent of sales basis: 50 percent from 2007 to 2009 and 100 percent in 2010. In December 2022, the U.S. EPA final rule

[1] United States Environmental Protection Agency (U.S. EPA), *Control of Air Pollution from New Motor Vehicles: Heavy-Duty Engine and Vehicle Standards and Highway Diesel Fuel Sulfur Control Requirements*, Final Rule. 40 Code of Federal Regulations, Parts 69, 80, and 86. January 18, 2001.

set new, more stringent standards to reduce NO_X pollution from heavy-duty vehicles and engines starting in model year 2027. The rule will reduce NO_X emissions from heavy-duty trucks by almost 50 percent by 2045, producing significant health-related benefits.[2]

Emission Standards for Off-Road Diesel Engines

To reduce emissions from off-road diesel equipment, the U.S. EPA established a series of cleaner emission standards for new off-road diesel engines. Tier 1 standards were phased in from 1996 to 2000 (year of manufacture), depending on the engine horsepower category. Tier 2 standards were phased in from 2001 to 2006. Tier 3 standards were phased in from 2006 to 2008. Tier 4 standards, which generally require add-on emission control equipment to attain them, were phased in from 2008 to 2015. The Tier 4 standards require that emissions of PM and oxides of nitrogen (NO_X) be further reduced by about 90 percent from Tier 3 standards. CARB is currently developing potential amendments to the off-road diesel engine standards, in a Tier 5 rulemaking. The Tier 5 rulemaking aims to reduce NO_X and PM emissions from new, off-road compression-ignition (CI) engines, by an additional 50 percent to 90 percent, compared to what is allowed by today's Tier 4 final emission standards.

3.2 State of California

California Air Resources Board

CARB's statewide comprehensive air toxics program was established in 1983 with AB 1807 the Toxic Air Contaminant Identification and Control Act (Tanner Air Toxics Act of 1983). AB 1807 created California's program to reduce exposure to air toxics and sets forth a formal procedure for CARB to designate substances as TACs. Once a TAC is identified, CARB adopts an airborne toxics control measure (ATCM) for sources that emit designated TACs. If there is a safe threshold for a substance at which there is no toxic effect, the control measure must reduce exposure to below that threshold. If there is no safe threshold, the measure must incorporate toxics best available control technology (T-BACT) to minimize emissions.
CARB also administers the state's mobile source emissions control program and oversees air quality programs established by state statute, such as AB 2588. Under AB 2588, TAC emissions from individual facilities are quantified and prioritized by the air quality management district or air pollution control district. High priority facilities are required to perform a health risk assessment and, if specific thresholds are exceeded, required to communicate the results to the public in the form of notices and public meetings. In September 1992, the AB 2588 was amended by Senate Bill (SB) 1731 which required facilities that pose a significant health risk to the community to reduce their risk through a risk management plan.

Diesel Risk Reduction Plan

The identification of DPM as a TAC in 1998 led CARB to adopt the Risk Reduction Plan to Reduce Particulate Matter Emissions from Diesel-Fueled Engines and Vehicles (DRRP) in October 2000. The DRRP's goals include an 85 percent reduction in DPM by 2020 from the 2000 baseline.[3] CARB estimates that emissions of DPM in 2035 will be less than half those in 2010, further reducing statewide cancer risk and non-cancer

[2] United States Environmental Protection Agency (U.S. EPA), Control of Air Pollution from New Motor Vehicles: Heavy-Duty Engine and Vehicle Standards and Highway Diesel Fuel Sulfur Control Requirements, Final Rule. 40 Code of Federal Regulations, s 2, 59, 60, 80, 85, 86, 600, 1027, 1030, 1031, 1033, 1036, 1037, 1039, 1042, 1043, 1045, 1048, 1051, 1054, 1060, 1065, 1066, 1068, and 1090. January 24, 2023.

[3] California Air Resources Board, *Risk Reduction Plan to Reduce Particulate Matter Emissions from Diesel-Fueled Engines and Vehicles*, October 2000.

health effects.[4] The DRRP includes regulations to establish cleaner new diesel engines, cleaner in-use diesel engines (retrofits), and cleaner diesel fuel.

Truck and Bus Regulation Reducing Emissions from Existing Diesel Vehicles

On December 12, 2008, CARB approved the Truck and Bus Regulation to significantly reduce particulate matter (PM) and oxides of nitrogen (NO_X) emissions from existing diesel vehicles operating in California. The regulation requires diesel trucks and buses that operate in California to be upgraded to reduce emissions. Heavier trucks must be retrofitted with PM filters beginning January 1, 2012, and older trucks must be replaced starting January 1, 2015. Beginning January 1, 2023, nearly all trucks and buses are required to have 2010 model year engines or equivalent.

The regulation applies to most privately and federally-owned diesel fueled trucks and buses and to privately and publicly owned school buses with a gross vehicle weight rating (GVWR) greater than 14,000 pounds. Small fleets with three or fewer diesel trucks can delay compliance for heavier trucks and there are several extensions for low-mileage construction trucks, early PM filter retrofits, adding cleaner vehicles, and other situations. Privately and publicly owned school buses have different requirements.

Heavy-Duty Vehicle Idling Emission Reduction Program

The purpose of the CARB ATCM to Limit Diesel-Fueled Commercial Motor Vehicle Idling is to reduce public exposure to diesel particulate matter and criteria pollutants by limiting the idling of diesel-fueled commercial vehicles. The driver of any vehicle subject to this ATCM is prohibited from idling the vehicle's primary diesel engine for greater than five minutes at any location and is prohibited from idling a diesel-fueled auxiliary power system (APS) for more than five minutes to power a heater, air conditioner, or any ancillary equipment on the vehicle if it has a sleeper berth and the truck is located within 100 feet of a restricted area (homes and schools).

CARB Final Regulation Order, Requirements to Reduce Idling Emissions from New and In-Use Trucks, beginning in 2008, requires that new 2008 and subsequent model-year heavy-duty diesel engines be equipped with an engine shutdown system that automatically shuts down the engine after 300 seconds of continuous idling operation once the vehicle is stopped, the transmission is set to "neutral" or "park", and the parking brake is engaged.

Section 2485 and Section 2449 of Title 13 of the California Code of Regulations limits diesel-fueled motor vehicle idling to no more than five minutes. Section 2485 limits idling for diesel-fueled commercial motor vehicles with gross vehicle weight ratings of greater than 10,000 pounds that are or must be licensed to operate on publicly maintained highways and streets within California. Section 2449 limits idling for off-road diesel-fueled fleets.

CalEnviroScreen

OEHHA has developed CalEnviroScreen 4.0, which is a mapping tool that helps identify California communities that are most affected by many sources of pollution, and where people are often especially vulnerable to pollution's effects. CalEnviroScreen uses environmental, health, and socioeconomic

[4] California Air Resources Board, *Overview: Diesel Exhaust & Health*, available at: https://ww2.arb.ca.gov/resources/overview-diesel-exhaust-and-health, accessed October 2023.

information to produce scores for every census tract in the State. The scores are mapped so that different communities can be compared. An area with a high score is one that experiences a much higher pollution burden than areas with low scores.

According to CalEnviroScreen, the project site and the surrounding area is located within Census Tract 6065042731, which is within the 55th percentile.[5] CalEnviroScreen ranks communities based on data that are available from state and federal government sources and the CalEnviroScreen scores are relative to other census tracts and are not an expression of health risk, and do not provide quantitative information on increases in cumulative impacts for specific sites or projects. The State uses CalEnviroScreen to prioritize California Climate Investments to benefit disadvantaged communities and to prioritize outreach in vulnerable communities. Further, as a comparative screening tool, the results do not provide a basis for determining when differences between scores are significant in relation to public health or the environment.

CARB Advanced Clean Truck Regulation

CARB adopted the Advanced Clean Truck Regulation in June 2020 requiring truck manufacturers to transition from diesel trucks and vans to electric zero-emission trucks beginning in 2024. By 2045, every new truck sold in California is required to be zero-emission. This rule directly addresses disproportionate risks and health and pollution burdens and puts California on the path for an all zero-emission short-haul drayage fleet in ports and railyards by 2035, and zero-emission "last-mile" delivery trucks and vans by 2040. The Advanced Clean Truck Regulation accelerates the transition of zero-emission medium-and heavy-duty vehicles from Class 2b to Class 8. The regulation has two components including a manufacturer sales requirement, and a reporting requirement:

- Zero-Emission Truck Sales: Manufacturers who certify Class 2b through 8 chassis or complete vehicles with combustion engines are required to sell zero-emission trucks as an increasing percentage of their annual California sales from 2024 to 2035. By 2035, zero-emission truck/chassis sales need to be 55 percent of Class 2b – 3 truck sales, 75 percent of Class 4 – 8 straight truck sales, and 40 percent of truck tractor sales.

- Company and Fleet Reporting: Large employers including retailers, manufacturers, brokers and others would be required to report information about shipments and shuttle services. Fleet owners, with 50 or more trucks, would be required to report about their existing fleet operations. This information would help identify future strategies to ensure that fleets purchase available zero-emission trucks and place them in service where suitable to meet their needs.

CARB Advanced Clean Fleets Regulation

CARB approved the Advanced Clean Fleets Regulation (ACF) on April 28, 2023, which requires fleet owners to begin transitioning toward ZEVs starting in 2024. Due to the impact that truck traffic has on residents living near heavily trafficked corridors, drayage trucks will need to be zero-emissions by 2035. All other fleet owners have the option to transition a percentage of their vehicles to meet expected zero-emission milestones, which gives owners the flexibility to continue operating combustion-powered vehicles as needed during the move toward cleaner technology.

[5] California Office of Environmental Health Hazard Assessment, *CalEnviroScreen 4.0 Results (October 2021 Update)*, https://oehha.ca.gov/calenviroscreen/report/calenviroscreen-40, accessed October 2023.

Executive Order N-79-20

Signed in September 2020, Executive Order N-79-20 establishes as a goal that where feasible, all new passenger cars and trucks, as well as all drayage/cargo trucks and off-road vehicles and equipment, sold in California, will be zero-emission by 2035. The executive order sets a similar goal requiring that all medium and heavy-duty vehicles will be zero-emission by 2045 where feasible. It also directs CARB to develop and propose rulemaking for passenger vehicles and trucks, medium-and heavy-duty fleets where feasible, drayage trucks, and off-road vehicles and equipment "requiring increasing volumes" of new zero emission vehicles (ZEVs) "towards the target of 100 percent." The executive order directs the California Environmental Protection Agency, the California Geologic Energy Management Division (CalGEM), and the California Natural Resources Agency to transition and repurpose oil production facilities with a goal toward meeting carbon neutrality by 2045. Executive Order N-79-20 builds upon the CARB Advanced Clean Trucks regulation, which was adopted by CARB in July 2020.

Senate Bill 535

SB 535 directs 25 percent of the proceeds from the Greenhouse Gas Reduction Fund (i.e., funds from the AB 32 cap-and-trade program) to go to projects that provide a benefit to disadvantaged communities (DACs) (as identified by the OEHHA mapping). These funds must be used for programs that further reduce greenhouse gas emissions. Funding programs that reduce greenhouse gas emissions would also potentially reduce exposure to other emissions including TACs. Based on OEHHA mapping, the Project site is not located within an SB 535 designated disadvantaged community. The closest SB 535 designated disadvantaged community (Census Tract 6065042901) is located approximately one mile to the northwest.[6] SB 535 does not include project specific requirements or prohibit developments in proximity to the designated communities.

[6] California Office of Environmental Health Hazard Assessment, *SB 535 Disadvantaged Communities (2022 Update)*, https://oehha.ca.gov/calenviroscreen/sb535, accessed March 2024.

3.3 Regional

South Coast Air Quality Management District

The CCAA provides the SCAQMD with the authority to manage transportation activities at indirect sources and regulate stationary source emissions. Indirect sources of pollution are generated when minor sources collectively emit a substantial amount of pollution. An example of this would be the motor vehicles at an intersection, a mall, and on highways. As a State agency, CARB regulates motor vehicles and fuels for their emissions.

Air Toxics Control Plan

The Air Toxics Control Plan (March 2000, revised March 26, 2004) is a planning document designed to examine the overall direction of the SCAQMD's air toxics control program. It includes development and implementation of strategic initiatives to monitor and control air toxics emissions. Control strategies that are deemed viable and are within the SCAQMD's jurisdiction will each be brought to the SCAQMD Board for further consideration through the normal public review process. Strategies that are to be implemented by other agencies will be developed in a cooperative effort, and the progress will be reported back to the Board periodically.

Multiple Air Toxics Exposure Study

The SCAQMD conducted an in-depth analysis of the toxic air contaminants and their resulting health risks for all of Southern California. The Multiple Air Toxics Exposure Study in the SCAB (MATES V) (August 2021) shows that carcinogenic risk from air toxics in the SCAB, based on the average concentrations at the 10 monitoring sites, is approximately 40 percent lower than the monitored average in MATES IV and 84 percent lower than the average in MATES II.

MATES V is the most comprehensive dataset documenting the ambient air toxic levels and health risks associated with the SCAB emissions. Therefore, MATES V study represents the baseline health risk for a cumulative analysis. MATES V estimates the average excess cancer risk level from exposure to TACs is 424 in one million basin-wide. In comparison, the MATES IV basin average risk was 897 per million. These model estimates were based on monitoring data collected at ten fixed sites within the SCAB. None of the fixed monitoring sites are near the project site. However, MATES V has extrapolated the excess cancer risk levels throughout the SCAB by modeling the specific grids. MATES V modeling predicted an excess cancer risk of 288 in one million for the Project area.[7] DPM is included in this cancer risk along with all other TAC sources. DPM accounts for 70.5 percent of the total risk shown in MATES V in this area.

[7] South Coast Air Quality Management District, *MATES V Estimated Risk*, https://experience.arcgis.com/experience/79d3b6304912414bb21ebdde80100b23/page/home/?data_id=dataSource_105-a5ba9580e3aa43508a793fac819a5a4d%3A403&print_preview=true&views=view_38%2Cview_1. Accessed October 2023.

4 SIGNIFICANCE CRITERIA AND METHODOLOGY

4.1 Health Risk Analysis Thresholds

Project health risks are determined by examining the types and levels of air toxics generated and the associated impacts on factors that affect air quality. While the final determination of significance thresholds is within the purview of the lead agency pursuant to the State CEQA Guidelines, the SCAQMD recommends that the following air pollution thresholds be used by lead agencies in determining whether the impacts from a project are significant. If the lead agency finds that a project has the potential to exceed the air pollution thresholds, then that project should be considered significant. The TAC thresholds are as follows.

- **Cancer Risk:** Emit contaminants that equal or exceed the maximum individual incremental cancer risk of 10 in one million.
- **Non-Cancer Risk:** Emit contaminants that equal or exceed the maximum hazard index of 1.0 (project increment).

Cancer risk is expressed in terms of expected incremental incidence per million population. As noted above, the SCAQMD has established an incremental increase rate of less than 10 in one million as the maximum acceptable incremental cancer risk due to TAC exposure. This risk would be in addition to any cancer risk borne by a person not exposed to these TACs. This threshold serves to determine whether or not a given project has a potentially significant development-specific and cumulative impact. To put this risk in perspective, the existing risk of contracting cancer from all airborne air toxics in the vicinity of the Project site is 288 in a million[8] which is 29 times more than the SCAQMD's threshold of 10 in one million.

The SCAQMD has also established non-carcinogenic risk parameters for use in HRAs. Noncarcinogenic risks are quantified by calculating a "hazard index," expressed as the ratio between the ambient pollutant concentration and its toxicity or Reference Exposure Level (REL). An REL is a concentration at or below which health effects are not likely to occur. A hazard index of less than 1.0 means that adverse health effects are not expected. Within this analysis, non-carcinogenic exposures of less than 1.0 are considered less than significant.

4.2 Methodology

This HRA evaluates potential health risks associated with the emission of diesel particulate matter resulting from the implementation of the proposed Project. Construction equipment and associated heavy-duty truck traffic generate diesel exhaust, which is a known TAC. Diesel exhaust from construction equipment operating at the site poses a health risk to nearby sensitive receptors. Operational activities would also include the use of heavy-duty diesel trucks.

Construction Sources

Construction would generate DPM emissions from the use of off-road diesel equipment required for demolition, grading and excavation, paving, and other construction activities. For construction activity,

[8] South Coast Air Quality Management District, *MATES V Estimated Risk*, https://experience.arcgis.com/experience/79d3b6304912414bb21ebdde80100b23/page/home/?data_id=dataSource_105-a5ba9580e3aa43508a793fac819a5a4d%3A358&views=view_38%2Cview_1. Accessed October 2023.

DPM is the primary toxic air contaminant of concern. Although DPM is a subset of PM_{10} exhaust, the analysis conservatively assumes all PM_{10} exhaust emissions are DPM. On-road diesel-powered haul trucks traveling to and from the construction area to deliver materials and equipment were included in the analysis, although they are typically less of a concern because they would not stay on the site for long durations. Diesel exhaust from construction equipment operating at the site potentially poses a health risk to nearby sensitive receptors. The closest sensitive receptors are residences located immediately north of Site 1, and south and west of Site 2.

Health-related risks associated with diesel-exhaust emissions are primarily linked to long-term exposure and the associated risk of contracting cancer. The use of diesel-powered construction equipment would be episodic and would occur throughout the project site. Construction activities would limit idling to no more than five minutes, which would further reduce nearby sensitive receptors' exposure to temporary and variable DPM emissions. Furthermore, even during the most intense period of construction, emissions of DPM would be generated from different locations on the project site rather than in a single location because different types of construction activities (e.g., site preparation and building construction) would not occur at the same place at the same time. Construction emissions rates for PM_{10} (DPM) were calculated from the CalEEMod construction emissions modeling conducted for the *Compass Northern Gateway Project Air Quality Assessment* (Kimley-Horn, 2024) (Air Quality Assessment). The Project Air Quality Assessment includes **Mitigation Measure (MM) AQ-1**, which requires the use of Tier 4 construction equipment. Project construction of Sites 1, 2, and 3 is anticipated to occur concurrently over an approximate 9-month period and would start in May 2024.

Operational Sources

Mobile Sources. The Project is located near existing residential uses. Due to the increased truck traffic from the Project, the resulting emissions could result in pollutant concentrations at existing sensitive receptors. Average daily trips from truck traffic to the project site were obtained from the Project Traffic Study (Kimley-Horn, 2023). An emission rate for PM_{10} (DPM) was calculated using trip data and a CARB 2021 EMission FACtor model (EMFAC)[9] model run for Riverside County; refer to Appendix A. EMFAC generates emission factors in terms of grams of pollutant emitted per vehicle activity and can calculate a matrix of emission factors at specific values of vehicle speed and type. The model was run for heavy-duty diesel vehicles traveling along off-site roads, circulating the project site, and idling at proposed loading docks. The number of trucks modeled are shown in **Table 2: Truck Trips**.

Table 2: Truck Trips

Site	Daily Truck Trips
Site 1	123
Site 2	40
Site 3[1]	63
Total	*226*

1. Site 3 was modeled to include 25 percent of the building area as cold storage. Therefore, 25 percent of truck trips (i.e., 16 daily Site 3 truck trips) would have transport refrigeration units (TRUs).

Source: Kimley-Horn and Associates, *Traffic Study for the Compass Northern Gateway Project*, September 2023.

[9] California Air Resources Board, *EMFAC 2021 Web Database,* www.arb.ca.gov/emfac accessed September 2023.

Off-Road Equipment. This analysis assumes the Project would include 10 forklifts and two yard trucks for loading and unloading goods per the SCAQMD *High Cube Warehouse Truck Trip Study White Paper.*[10] The unmitigated scenario assumes the Project would use diesel off-road cargo handling equipment. Unmitigated off-road equipment emissions were calculated based on the CARB OFFROAD emissions inventory. Project Air Quality Assessment **MM AQ-4** requires all cargo handling equipment (e.g., forklifts and yard trucks) to be zero emissions (ZE), and therefore, is incorporated into the mitigated scenario in this report.

Emergency Backup Generators. As the Project warehouses are speculative, it is unknown whether emergency backup generators would be used. Backup generators would only be used in the event of a power failure and would not be part of the Project's normal daily operations. Nonetheless, emissions associated with this equipment were included to be conservative. If backup generators are required, the end user would be required to obtain a permit from the SCAQMD prior to installation. Emergency backup generators must meet SCAQMD's Best Available Control Technology (BACT) requirements and comply with SCAQMD Rule 1470 (Requirements for Stationary Diesel-Fueled Internal Combustion and Other Compression Ignition Engines), which would minimize emissions.

Dispersion Modeling

The construction and operational air dispersion modeling for the HRA was performed using the U.S. EPA AERMOD dispersion model. AERMOD is a steady-state, multiple-source, Gaussian dispersion model designed for use with emission sources situated in terrain where ground elevations can exceed the stack heights of the emission sources. AERMOD estimates hourly concentrations for each source/receptor pair and calculates concentrations for user-specified averaging times, including an average concentration for the complete simulation period. AERMOD includes atmospheric dispersion options for both urban and rural environments and can address flat, gently rolling, and complex terrain situations. The modeling and analysis was prepared in accordance with the SCAQMD Modeling Guidance for AERMOD.[11]

- **Meteorological Data**. AERMOD requires hourly meteorological data consisting of wind vector, wind speed, temperature, stability class, and mixing height. The latest 5-year meteorological data set from the Perris Monitoring Station (PERI) was obtained from the SCAQMD.[12] Surface and upper air meteorological data from this monitoring station was selected as being the most representative for meteorology based on proximity to the project site as well as terrain, surrounding land use, and surface characteristics.

- **Project Sources**. The emission sources in the model are line volume sources (comprised of smaller adjacent volume sources) for construction and truck operations. Construction line volume sources were assigned a release height of 20 feet (6.29 meters). Operational sources include the loading dock idling areas, on-site truck circulation, and off-site truck routes. Heavy duty operational vehicle emissions were assigned a release height of 12 feet (3.7 meters), a plume height of 20.6 feet (6.3 meters). A release height of 12 feet is the average stack height for trucks and the plume

[10] South Coast Air Quality Management District, *High Cube Warehouse Truck Trip Study White Paper Summary of Business Survey Results*, June 2014.

[11] South Coast Air Quality Management District, *SCAQMD Modeling Guidance for AERMOD*, https://www.aqmd.gov/home/air-quality/meteorological-data/modeling-guidance, accessed October 2023.

[12] South Coast Air Quality Management District, *Meteorological Data for Dispersion Modeling*, https://www.aqmd.gov/home/air-quality/meteorological-data, accessed October 2023.

height is based on U.S. EPA guidance for vehicle volume sources. Backup generators were modeled as point sources and were assigned a release height of 5 meters.

- **Receptor Grid**. To identify the maximum impacted receptors, a uniform Cartesian grid was placed over the sensitive receptors in the site vicinity. According to the SCAQMD, a grid spacing of 100 meters or less must be used to identify the maximum impacted receptors (i.e., peak cancer risk and peak hazard indices).[13] Due to the size of the project site, receptors were modeled with a maximum of 50-meter grid spacing.

- **Terrain Characteristics**. As recommended by the SCAQMD, United States Geological Survey (USGS) National Elevation Dataset (NED) terrain data was imported into AERMOD.

- **Averaging Times**. AERMOD was run to obtain the annual average (period) concentration in micrograms per cubic meter ($\mu g/m^3$) of PM_{10} at the nearby sensitive receptors. According to the SCAQMD's Supplemental Guidelines for Preparing Risk Assessments for AB 2588, air dispersion modeling is required to estimate annual average concentrations to calculate the Maximally Exposed Individual Resident (MEIR), the maximum chronic HI, and the zones of impact.

Note that the concentration estimate developed using this methodology is conservative and is not a specific prediction of the actual concentrations that would occur at the Project site any one point in time. Actual concentrations are dependent on many variables, particularly the number and type of vehicles and equipment operating at specific distances during time periods of adverse meteorology.

Risk and Hazard Assessment

Cancer Risk. Based on the OEHHA methodology, residential inhalation cancer risk from annual average DPM concentrations are calculated by multiplying the daily inhalation dose, cancer potency factor, age sensitivity factor (ASF), frequency of time spent at home, and exposure duration divided by averaging time, yielding the excess cancer risk. These factors are discussed in more detail below. It is important to note that exposure duration is based on continual heavy truck operation along nearby roadways. Exposure through inhalation (Dose-air) is a function of breathing rate, exposure frequency, and concentration of substance in the air. To estimate cancer risk, the dose was estimated by applying the following formula to each ground-level concentration:

$$\text{Dose-air} = C_{air} * (BR/BW) * A * EF * 10^{-6}$$

Dose-air =	dose through inhalation (mg/kg/day)
C_{air} =	air concentration ($\mu g/m^3$) from air dispersion model
(DBR/BW) =	daily breathing rate normalized to body weight (L/kg bodyweight-day)
A =	inhalation absorption factor (unitless)
EF =	exposure frequency (approximately 350 days per year for residential)
10^{-6} =	conversion factor (micrograms to milligrams, liters to cubic meters)

OEHHA developed ASFs to consider the increased sensitivity to carcinogens during early-life exposure. In the absence of chemical-specific data, OEHHA recommends default ASFs presented in **Table 3: Exposure**

[13] South Coast Air Quality Management District, *South Coast AQMD Modeling Guidance for AERMOD*, https://www.aqmd.gov/home/air-quality/meteorological-data/modeling-guidance, accessed October 2023.

Assumptions. Fraction of time at home (FAH) during the day is used to adjust exposure duration and cancer risk from a specific facility's emissions, based on the assumption that exposure to the facility's emissions are not occurring away from home. OEHHA recommends the FAH values presented in **Table 3**.

To estimate the cancer risk, the dose is multiplied by the cancer potency factor, the ASF, the exposure duration divided by averaging time, and the frequency of time spent at home (for residents only):

$$Risk_{inh\text{-}res} = (Dose_{air}*CPF*ASF*(ED/AT)*FAH)$$

$Risk_{inh\text{-}res}$ = residential inhalation cancer risk (potential chances per million)
$Dose_{air}$ = daily dose through inhalation (mg/kg-day)
CPF = inhalation cancer potency factor ($mg/kg\text{-}day^{-1}$)
ASF = age sensitivity factor for a specified age group (unitless)
ED = exposure duration (years)
AT = averaging time of lifetime cancer risk (years)
FAH = fraction of time spent at home (unitless)

Table 3: Exposure Assumptions

Age	Exposure Frequency (days/year)	Exposure Duration (years)	Age Sensitivity Factor[1] (ASF)	Fraction of Time at Home (FAH)	Daily Breathing Rate (L/kg BW-day[2])
Residential					
Third trimester	350	0.25	10	100%	361
0 to 2 years	350	2	10	100%	1,090
Ages 2 through 8 years	350	7	3	100%	631
Ages 9 through 15 years	350	7	3	100%	572
Ages 16 and greater	350	14	1	73%	261
Worker[3]	250	25	1	N/A	230
Student[3]	180	9	3	N/A	640

1. Accounts for potential increased sensitivity to carcinogens during childhood.
2. Daily breathing rate normalized to body weight (L/kg body weight - day) (95th percentile for 3rd trimester to 2 years and 80th percentile for other age groups).
3. Worker and Student breathing rates are 95th percentile 8-hour breathing rates based on moderate intensity activity.

Source: California Office of Environmental Health Hazard Assessment, *Air Toxics Program Guidance Manual for the Preparation of Health Risk Assessments*, February 2015 and South Coast Air Quality Management District, Permit Application Package "N" Risk Assessment Procedures for Rules 1401, 1401.1, and 212 Version 8.1.

Chronic Non-Cancer Hazard. Non-cancer chronic impacts are calculated by dividing the annual average concentration by the REL for that substance. The REL is defined as the concentration at which no adverse non-cancer health effects are anticipated. According to OEHHA, the chronic REL for DPM is 5 and the target organ is the respiratory system.[14] The following equation was used to determine the non-cancer risk:

[14] California Office of Health Hazard Assessment, OEHHA Acute, *8-hour and Chronic Reference Exposure Level (REL) Summary*, 2020. https://oehha.ca.gov/air/general-info/oehha-acute-8-hour-and-chronic-reference-exposure-level-rel-summary)

$$\text{Hazard Index} = C_i/REL_i$$

C_i = concentration in the air of substance i (annual average concentration in µg/m^3)
REL_i = chronic noncancer Reference Exposure Level for substance (µg/m^3)

Health Risk Computation. A health risk computation was performed to determine the risk of developing an excess cancer risk calculated on a 30-year exposure scenario using the approach described in the OEHHA *Air Toxics Program Guidance Manual for the Preparation of Health Risk Assessments* (February 2015) and the daily breathing rates, age sensitivity factors, exposure duration, and fraction of time at home specified in the SCAQMD, Permit Application Package "N" Risk Assessment Procedures for Rules 1401, 1401.1, and 212 Version 8.1 (refer to **Table 3**). Health risks were analyzed at the point of maximum impact and are a conservative estimate. The pollutant concentrations are then used to estimate the long-term cancer health risk to an individual as well as the non-cancer chronic health index.

The off-site impacts would occur from the diesel trucks accessing the proposed Project. The cancer and chronic health risks are based on the annual average concentration of PM_{10} (used as a proxy for DPM). As noted above, the chronic and carcinogenic health risk calculations are based on the standardized equations contained in the U.S. EPA *Human Health Evaluation Manual* (1991) and the OEHHA Guidance Manual (2015). The health risk computation was performed to determine the risk of developing an excess cancer risk calculated on these worst-case exposure duration scenarios. The chronic and carcinogenic health risk calculations are based on the standardized equations contained in the OEHHA Guidance Manual. Only the risk associated with the worst-case location of the Project was assessed.

5 POTENTIAL HEALTH RISK IMPACTS

CARB identified DPM as a TAC in 1998 and as a result, OEHHA adopted a cancer risk factor for public exposure to DPM. Mobile sources (including trucks, buses, automobiles, trains, ships, and farm equipment) are by far the largest source of diesel emissions. Diesel exhaust is emitted from a broad range of on- and off-road diesel engines. As the Project is proposed near existing sensitive receptors (single-family residences), an analysis of DPM was performed using the U.S. EPA-approved AERMOD model.

5.1 Carcinogenic Risk

Table 4: Carcinogenic Risk Assessment shows the unmitigated and mitigated health risk for Project construction and operations. Based on OEHHA *Risk Assessment Guidelines*, the exposure duration for a resident is 30 years, beginning with the third trimester; the exposure duration for workers is 25 years. Operations would commence following construction. As such, construction would not overlap with operations. The analysis calculates risk based on exposure to construction concentrations during the initial nine months of the exposure duration and operational concentrations for the remainder of the exposure duration. Without the incorporation of mitigation measures, the Project (construction and operations combined) would result in a maximum incremental cancer risk of 204.68 in one million and 1.02 in one million at the nearest residential and worker receptors, respectively. As such, unmitigated cancer risk would exceed the SCAQMD's 10 in one million incremental threshold.

The Project would comply with **MM AQ-1** and **MM AQ-4** from the Project's Air Quality Assessment, which requires the use of Tier 4 construction equipment and zero emission operational cargo handling equipment. Implementation of **MM AQ-1** and **MM AQ-4** would reduce the Project's maximum incremental cancer risk to 2.33 in one million and 0.15 in one million at the nearest residential and worker receptors, respectively; refer to **Table 4**. Therefore, impacts associated with carcinogenic risk would be less than significant.

Table 4: Carcinogenic Risk Assessment

Exposure Scenario	Cancer Risk (per Million)[1,2,3]		Significance Threshold (per Million)	Mitigated Risk Exceeds Threshold?
	Without Mitigation	With Mitigation		
Construction				
Residential Receptors (Site 1) – Immediately north of Corsica Lane	2.47	0.36	10	No
Residential Receptors (Site 1) – Western Terminus of Corsica Lane	3.23	0.47	10	No
Residential Receptors (Site 1 and Site 2) – Along the west side of Goetz Road	0.81	0.12	10	No
Residential Receptors (Site 1 and Site 2) – East side of Wheat Street	1.13	0.17	10	No
Residential Receptors (Site 2) – Immediately west of Site 2	3.96	0.56	10	No
Residential Receptors (Site 2) – Immediately south of Site 2	5.80	0.82	10	No
Residential Receptors (Site 2 and Site 3) – North of Ethanac Road	0.23	0.04	10	No
Residential Receptors (Site 2 and Site 3) – South of Ethanac Road	0.37	0.06	10	No
Residential Receptors (Site 3) – West of Site 3 (across Evans Road)	0.89	0.12	10	No

Table 4: Carcinogenic Risk Assessment				
Exposure Scenario	**Cancer Risk (per Million)[1,2,3]**		**Significance Threshold (per Million)**	**Mitigated Risk Exceeds Threshold?**
	Without Mitigation	**With Mitigation**		
Worker Receptors – Northwest corner of the Ethanac Road and Case Road intersection	0.09	0.01	10	No
Operations				
Residential Receptors (Site 1) – Immediately north of Corsica Lane	174.57	2.33	10	No
Residential Receptors (Site 1) – Western Terminus of Corsica Lane	230.95	2.32	10	No
Residential Receptors (Site 1 and Site 2) – Along the west side of Goetz Road	37.55	0.30	10	No
Residential Receptors (Site 1 and Site 2) – East side of Wheat Street	43.71	0.86	10	No
Residential Receptors (Site 2) – Immediately west of Site 2	47.87	0.47	10	No
Residential Receptors (Site 2) – Immediately south of Site 2	79.32	1.03	10	No
Residential Receptors (Site 2 and Site 3) – North of Ethanac Road	11.33	1.49	10	No
Residential Receptors (Site 2 and Site 3) – South of Ethanac Road	15.27	1.27	10	No
Residential Receptors (Site 3) – West of Site 3 (across Evans Road)	27.64	0.72	10	No
Worker Receptors – Northwest corner of the Ethanac Road and Case Road intersection	0.96	0.14	10	No
Construction and Operations Combined				
Residential Receptors (Site 1) – Immediately north of Corsica Lane	154.75	0.47	10	No
Residential Receptors (Site 1) – Western Terminus of Corsica Lane	204.68	0.61	10	No
Residential Receptors (Site 1 and Site 2) – Along the west side of Goetz Road	33.56	0.14	10	No
Residential Receptors (Site 1 and Site 2) – East side of Wheat Street	39.25	0.19	10	No
Residential Receptors (Site 2) – Immediately west of Site 2	45.72	0.59	10	No
Residential Receptors (Site 2) – Immediately south of Site 2	74.98	0.87	10	No
Residential Receptors (Site 2 and Site 3) – North of Ethanac Road	10.11	0.05	10	No
Residential Receptors (Site 2 and Site 3) – South of Ethanac Road	13.69	0.07	10	No
Residential Receptors (Site 3) – West of Site 3 (across Evans Road)	24.99	0.14	10	No
Worker Receptors – Northwest corner of the Ethanac Road and Case Road intersection	1.02	0.15	10	No

1. Refer to Appendix A for modeling data.
2. The reported annual pollutant concentration is at the closest maximally exposed individual receptor (MEIR) to the project site.
3. The "With Mitigation Measures" exposure scenario shows the risk with the incorporation of **MM AQ-1** (Tier 4 off-road construction equipment) and **MM AQ-4** (zero emission cargo handling equipment) from the Project's Air Quality Assessment (Kimley-Horn, 2024).

5.2 Non-Carcinogenic Hazard

The significance thresholds for TAC exposure also require an evaluation of non-cancer risk stated in terms of a hazard index. Non-cancer chronic impacts are calculated by dividing the annual average concentration by the REL for that substance. The REL is defined as the concentration at which no adverse non-cancer health effects are anticipated. RELs are designed to protect sensitive individuals within the population.

Chronic non-carcinogenic impacts are shown in **Table 5: Chronic Hazard Assessment**. A chronic hazard index of 1.0 is considered individually significant. The hazard index is calculated by dividing the chronic exposure by the reference exposure level. The chronic hazard was calculated based on the highest annual average concentration at the maximally exposed individual receptor. The highest maximum chronic hazard index associated with unmitigated DPM emissions from the Project would be 0.303. Therefore, even without mitigation, non-carcinogenic hazards are calculated to be within acceptable limits and a less than significant impact would occur. With mitigation the chronic hazard would be reduced to 0.061. Impacts would be less than significant.

Table 5: Chronic Hazard Assessment

Emissions Sources	Concentration (µg/m^3) [1, 2]	Chronic Hazard
Unmitigated Construction	0.060	0.012
Mitigated Construction[3]	0.008	0.002
Unmitigated Operations	0.303	0.061
Mitigated Operations[3]	0.003	0.001
SCAQMD Threshold	*N/A*	*1.0*
Threshold Exceeded?	**N/A**	**No**

1. Refer to Appendix A for modeling data.
2. The reported pollutant concentration (annual period) is at the closest receptor (maximally exposed individual receptor).
3. The "With Mitigation Measures" exposure scenario shows the risk with the incorporation of **MM AQ-1** (Tier 4 off-road construction equipment) and **MM AQ-4** (zero emission cargo handling equipment) from the Project's Air Quality Assessment (Kimley-Horn, 2024).

5.3 Conclusion

As described above, impacts related to cancer risk would be less than significant and would be further reduced with implementation of **MM AQ-1** (Tier 4 construction equipment) and **MM AQ-4** (zero emission cargo handling equipment) from the Project's Air Quality Assessment. Additionally, non-carcinogenic hazards are calculated to be within acceptable limits. It should be noted that the impacts assess the Project's incremental contribution to health risk impacts, consistent with the SCAQMD guidance and methodology. The SCAQMD has not established separate cumulative thresholds and does not require combining impacts from cumulative projects. The SCAQMD considers projects that do not exceed the project-specific thresholds to generally not be cumulatively significant.[15] Therefore, impacts related to health risk from the Project would be less than significant.

Mitigation Measures: See **MM AQ-1** and **MM AQ-4** from the *Compass Northern Gateway Air Quality Assessment* (Kimley-Horn, 2024).

Level of Significance: Less than significant impact with mitigation incorporated.

[15] South Coast Air Quality Management District, *White Paper on Potential Control Strategies to Address Cumulative Impacts from Air Pollution*, August 2003.

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Appendix A

Modeling Data

Construction Emissions Rates

Site 1

					Trips/Day		Total Trips	
Year		**Start**	**End**	**Work Days**	**Vendor**	**Hauling**	**Vendor**	**Hauling**
2024	Demo	5/1/2024	5/21/2024	15	0	3.67	0	55
2024	Site prep	5/22/2024	6/11/2024	15	0	0	0	0
2024	Grading	6/12/2024	7/23/2024	30	0	0	0	0
2024	Bldg	7/24/2024	12/3/2024	95	43.44	0	4,127	0
2024	Paving	12/4/2024	12/24/2024	15	0	0	0	0
2024	AC	12/25/2024	12/31/2024	5	0	0	0	0
				175	*43.443006*	*3.67*	*4,127*	*55*
2025	AC	1/1/2025	2/4/2025	25	0	0	0	0
				25	*0*	*0*	*0*	*0*
		Total Construction Days:		*200*				

On-Site Construction PM10 Exhaust (tons/yr)

Year	**Phase**	**Days**	**Unitigated**		**Mitigated**	
2024	Demo	15	0.00795341	0.119301195	0.0004745	0.00711778
2024	Site prep	15	0.01199747	0.179961995	0.000747	0.01120495
2024	Grading	30	0.02172081	0.651624421	0.00186	0.05580094
2024	Bldg	95	0.02364373	2.246154497	0.0036113	0.34307081
2024	Paving	15	0.00291904	0.043785631	0.000211	0.00316434
2024	AC	5	7.9673E-05	0.000398364	7.967E-05	0.00039836
	Total 2024	175	**0.06831414**	**0.018521292**	**0.0069834**	**0.00240433**
2025	AC	25	0.00034283	0.008570799	0.0003154	0.00788514
	Total 2025	25	**0.00034283**	**0.000342832**	**0.0003154**	**0.00031541**

Off-Site Construction PM10 Exhaust (tons/yr)

Year	**Phase**	**Unitigated**		**Mitigated**	
2024	Demo	3.63763E-05	0.000545644	3.63763E-05	0.000545644
2024	Site prep	0	0	0	0
2024	Grading	0	0	0	0
2024	Bldg	0.000928064	0.088166076	0.000928064	0.088166076
2024	Paving	0	0	0	0
2024	AC	0	0	0	0
	Total 2024	**0.00096444**	**0.000506924**	**0.00096444**	**0.000506924**
2025	AC	0	0	0	0
	Total 2025	**0**	**0**	**0**	**0**

Construction
Group: ONSITE

PM10 Exhaust Onsite Unmitigated

Year	**Tons/Year**	**g/s**	**Weighted Average On-Site Rate**	**AERMOD Unitized Rate (g/s)**
2024	1.85E-02	3.33E-03	**2.97E-03**	1
2025	3.43E-04	4.32E-04		

PM10 Exhaust Onsite Mitigated

Tons/Year	**g/s**	**Weighted Average On-Site Rate**	**AERMOD Unitized Rate (g/s)**
2.40E-03	4.33E-04	**4.28E-04**	1
3.15E-04	3.97E-04		

Group: OFFSITE

	Trips		**Miles**		**Weighted**
	Vendor	**Hauling**	**Vendor**	**Hauling**	**Trip length**
2024	4,127	55	10.2	20	10.33
2025	0	0	10.2	20	0.00

PM10 Exhaust Off-Site

	Tons/Year	**g/s**	**g/s per mile**	**Weighted Average Off-Site Rate**
2024	5.07E-04	9.12E-05	8.83E-06	7.73E-06
2025	0.00E+00	0.00E+00	0.00E+00	

	Length (meters)	**Length (Miles)**	**Emissions (g/sec per mile)**	**Emission Rate (g/sec)**
S1 Haul	3363.4	2.09	7.73E-06	1.62E-05

Construction Emissions Rates

Site 2

					Trips/Day		Total Trips	
Year		**Start**	**End**	**Work Days**	**Vendor**	**Hauling**	**Vendor**	**Hauling**
2024	Site prep	5/1/2024	6/11/2024	30	0	0	0	0
2024	Grading	6/12/2024	7/23/2024	30	0	0	0	0
2024	Bldg	7/24/2024	12/3/2024	95	14.21	0	1,350	0
2024	Paving	12/4/2024	12/24/2024	15	0	0	0	0
2024	AC	12/25/2024	12/31/2024	5	0	0	0	0
				175	*14.21*	*0.00*	*1,350*	*0*
2025	AC	1/1/2025	2/4/2025	25	0	0	0	0
				25	*0*	*0*	*0*	*0*

Total Construction Days: *200*

On-Site Construction PM10 Exhaust (tons/yr)

Year	**Phase**	**Days**	**Unitigated**		**Mitigated**	
2024	Site prep	30	0.02399493	0.719847979	0.001494	0.0448198
2024	Grading	30	0.01257664	0.37729917	0.0008318	0.0249528
2024	Bldg	95	0.02364373	2.246154497	0.0036113	0.34307081
2024	Paving	15	0.00244624	0.036693653	0.0008528	0.0127914
2024	AC	5	7.9673E-05	0.000398364	7.967E-05	0.00039836
	Total 2024	175	**0.06274122**	**0.019316535**	**0.0068695**	**0.00243448**
2025	AC	25	0.00034283	0.008570799	0.0003428	0.0085708
	Total 2025	25	**0.00034283**	**0.000342832**	**0.0003428**	**0.00034283**

Off-Site Construction PM10 Exhaust (tons/yr)

Year	**Phase**	**Unitigated**		**Mitigated**	
2024	Site prep	0	0	0	0
2024	Grading	0	0	0	0
2024	Bldg	0.000303484	0.028830983	0.000303484	0.028830983
2024	Paving	0	0	0	0
2024	AC	0	0	0	0
	Total 2024	**0.000303484**	**0.000164748**	**0.000303484**	**0.000164748**
2025	AC	0	0	0	0
	Total 2025	**0**	**0**	**0**	**0**

Construction

Group: ONSITE **PM10 Exhaust Onsite Unmitigated**

Year	**Tons/Year**	**g/s**	**Weighted Average On-Site Rate**	**AERMOD Unitized Rate (g/s)**
2024	1.93E-02	3.48E-03	**3.10E-03**	1
2025	3.43E-04	4.32E-04		

PM10 Exhaust Onsite Mitigated

Tons/Year	**g/s**	**Weighted Average On-Site Rate**	**AERMOD Unitized Rate (g/s)**
2.43E-03	4.38E-04	**4.37E-04**	1
3.43E-04	4.32E-04		

Group: OFFSITE

	Trips		**Miles**		**Weighted**
	Vendor	**Hauling**	**Vendor**	**Hauling**	**Trip length**
2024	1,350	0	10.2	20	10.20
2025	0	0	10.2	20	0.00

PM10 Exhaust Off-Site

	Tons/Year	**g/s**	**g/s per mile**	**Weighted Average Off-Site Rate**
2024	1.65E-04	2.97E-05	2.91E-06	2.54E-06
2025	0.00E+00	0.00E+00	0.00E+00	

	Length (meters)	**Length (Miles)**	**Emissions (g/sec per mile)**	**Emission Rate (g/sec)**
S2 Haul	2940.8	1.83	2.54E-06	**4.65E-06**

Construction Emissions Rates

Site 3

					Trips/Day		Total Trips	
Year		**Start**	**End**	**Work Days**	**Vendor**	**Hauling**	**Vendor**	**Hauling**
2024	Site prep	5/1/2024	6/11/2024	30	0	0	0	0
2024	Grading	6/12/2024	7/23/2024	30	0	0	0	0
2024	Bldg	7/24/2024	12/3/2024	95	22.60	0	2,147	0
2024	Paving	12/4/2024	12/24/2024	15	0	0	0	0
2024	AC	12/25/2024	12/31/2024	5	0	0	0	0
				175	*22.60*	*0.00*	*2,147*	*0*
2025	AC	1/1/2025	2/4/2025	25	0	0	0	0
				25	*0*	*0*	*0*	*0*
		Total Construction Days:		*200*				

On-Site Construction PM10 Exhaust (tons/yr)

Year	**Phase**	**Days**	**Unitigated**		**Mitigated**	
2024	Site prep	30	0.02399493	0.719847979	0.001494	0.0448198
2024	Grading	30	0.01257664	0.37729917	0.0008318	0.0249528
2024	Bldg	95	0.02364373	2.246154497	0.0036113	0.34307081
2024	Paving	15	0.00291904	0.043785631	0.000211	0.00316434
2024	AC	5	7.9673E-05	0.000398364	7.967E-05	0.00039836
	Total 2024	175	**0.06321402**	**0.019357061**	**0.0062277**	**0.00237946**
2025	AC	25	0.00034283	0.008570799	0.0003428	0.0085708
	Total 2025	25	**0.00034283**	**0.000342832**	**0.0003428**	**0.00034283**

Off-Site Construction PM10 Exhaust (tons/yr)

Year	**Phase**	**Unitigated**		**Mitigated**	
2024	Site prep	0	0	0	0
2024	Grading	0	0	0	0
2024	Bldg	0.000482824	0.04586826	0.000482824	0.04586826
2024	Paving	0	0	0	0
2024	AC	0	0	0	0
	Total 2024	**0.000482824**	**0.000262104**	**0.000482824**	**0.000262104**
2025	AC	0	0	0	0
	Total 2025	**0**	**0**	**0**	**0**

Construction

Group: ONSITE **PM10 Exhaust Onsite Unmitigated**

Year	**Tons/Year**	**g/s**	**Weighted Average On-Site Rate**	**AERMOD Unitized Rate (g/s)**
2024	1.94E-02	3.48E-03	**3.10E-03**	1
2025	3.43E-04	4.32E-04		

PM10 Exhaust Onsite Mitigated

Tons/Year	**g/s**	**Weighted Average On-Site Rate**	**AERMOD Unitized Rate (g/s)**
2.38E-03	4.28E-04	**4.29E-04**	1
3.43E-04	4.32E-04		

Group: OFFSITE

	Trips		**Miles**		**Weighted**
	Vendor	**Hauling**	**Vendor**	**Hauling**	**Trip length**
2024	2,147	0	10.2	20	10.20
2025	0	0	10.2	20	0.00

PM10 Exhaust Off-Site

	Tons/Year	**g/s**	**g/s per mile**	**Weighted Average Off-Site Rate**
2024	2.62E-04	4.72E-05	4.63E-06	4.05E-06
2025	0.00E+00	0.00E+00	0.00E+00	

	Length (meters)	**Length (Miles)**	**Emissions (g/sec per mile)**	**Emission Rate (g/sec)**
S3 Haul	801.6	0.50	4.05E-06	**2.02E-06**

Opeational Emissions Rates

Truck Route Emissions

		Speed (mph)	Trips (veh/day)	Mobile Emission Factor (g/mi)	TRU Trips	TRU Size (hp)	TRU (g/bhp-hr)	Length (meters)	Length (mi/veh)	Mobile Emissions (g/day)	TRU Emissions (g/day)	Emission Rate (g/sec)	Plume Width (m)	Segment Length (m)	Source Area (m2)	AERMOD Unitized Rate (g/s)
	Off-Site															
SLINE01	S1 Wheat Street	25	123	0.0215411	0	50	0.02204939	373.6	0.2321442	6.15E-01	0	7.12E-06	2.7	373.6	1.01E+03	0.0572
SLINE02	S1&2 Wheat Street	25	163	0.0215411	0	50	0.02204939	217.2	0.1349618	4.74E-01	0	5.48E-06	2.7	217.2	5.86E+02	0.0333
SLINE03	S1&2 Ethanac Road	50	163	0.0135451	0	50	0.02204939	2012.9	1.2507577	2.76E+00	0	3.20E-05	6	2012.9	1.21E+04	0.6854
SLINE04	S1&2&3 Ethanac	50	226	0.0135451	16	50	0.02204939	591.7	0.3676652	1.13E+00	0.127681994	1.45E-05	6	591.7	3.55E+03	0.2015
SLINE05	S3 Evans	25	63	0.0215411	16	50	0.02204939	147.5	0.0916522	1.24E-01	0.063657577	2.18E-06	2.7	147.5	3.98E+02	0.0226
												6.12E-05				
	On-Site															
SLINE06	Site 1	25	123	0.0215411	0	50	0.02204939	375.2	0.2331384	6.18E-01	0	7.15E-06	2.7	375.2	1.01E+03	0.5477
SLINE07	Site 2	25	40	0.0215411	0	50	0.02204939	164.2	0.1020291	8.79E-02	0	1.02E-06	2.7	164.2	4.43E+02	0.2397
SLINE08	Site 3	25	63	0.0215411	16	50	0.02204939	145.6	0.0904716	1.23E-01	0.062837581	2.15E-06	2.7	145.6	3.93E+02	0.2126
												1.03E-05				

Diesel Equipment - PM10 Offroad Exhaust

	Site 1		Site 2		Site 3	
	Tons/Year	**g/s**	**Tons/Year**	**g/s**	**Tons/Year**	**g/s**
Forklifts	0.04534717	1.30E-03	0.018139	5.22E-04	0.0272083	7.83E-04
Yard Trucks	0.01529427	4.40E-04	0	0.00E+00	0.015294275	4.40E-04
Total		1.74E-03		5.22E-04		1.22E-03

	Loading Dock Idling	**Speed (mph)**	**Trucks (veh/day)**	**Emission Factor (g/hr)**	**Duration (hr/veh)**	**Emissions (g/day)**	**Emission Rate (g/sec)**	**TRU Tons/Year**	**TRU g/s**	**Offroad Equipment g/s**	**Unmitigated Emission Rate+TRU +Offroad (g/sec)**	**Mitigated Emission Rate+TRU (g/sec)**				
SLINE09	Site 1 Onsite Idle1	Idle	69	0.001666	0.25	2.86E-02	3.31E-07	0	0.00E+00	9.75E-04	9.75E-04	3.31E-07	2.7	78.6	2.12E+02	0.2658
SLINE10	Site 1 Onsite Idle2	Idle	40	0.001666	0.25	1.66E-02	1.92E-07	0	0.00E+00	5.64E-04	5.65E-04	1.92E-07	2.7	65.6	1.77E+02	0.2218
SLINE11	Site 1 Onsite Idle3	Idle	14	0.001666	0.25	6.03E-03	6.98E-08	0	0.00E+00	2.05E-04	2.05E-04	6.98E-08	2.7	22	5.94E+01	0.0744
SLINE12	Site 2 Onsite Idle	Idle	20	0.001666	0.25	8.33E-03	9.64E-08	0	0.00E+00	5.22E-04	5.22E-04	9.64E-08	2.7	56.6	1.53E+02	0.1914
SLINE13	Site 3 Onsite Idle	Idle	32	0.001666	0.25	1.31E-02	1.52E-07	1.44313E-06	4.15E-08	1.22E-03	1.22E-03	1.93E-07	2.7	72.9	1.97E+02	0.2465
											3.49E-03	**8.83E-07**				

*Assumes Building 3 would have 25% cold storage

* Mitigation includes ZE cargo handling equipment

	Backup Generators	**Quantity**	**Tons/Year**	**g/s**	**g/s per generator**	**Unitized**
STCK1-3	Site 1	3	9.92E-03	5.00E-02	0.016667	0.33
STCK2	Site 2	1	3.31E-03	0.0166667	0.016667	1.00
STCK5-6	Site 3	2	1.24E-02	0.0625	0.03125	0.50

Source: EMFAC2021 (v1.0.2) Emission Rates
Region Type: Sub-Area
Region: Riverside (SC)
Calendar Year: 2025
Season: Annual
Vehicle Classification: EMFAC2007 Categories
Units: miles/day for CVMT and EVMT, g/mile for RUNEX, PMBW and PMTW, mph for Speed, kWh/mile for Energy Consumption, gallon/mile for Fuel Consump

	Project Mix	Idle (g/trip)	25 mph (g/mi)	50 mph (g/mi)
HHDT	0.60	0.001846135	0.00639292	0.016282468
LHDT2	0.23	0.001661185	0.031004326	0.014264587
MHDT	0.17	0.001442025	0.008118248	0.007313926
Weighted Rates		0.001666036	0.021541102	0.013545096

Region	Calendar Y	Vehicle Cat	Model Yea	Speed	Fuel	Population	Total VMT	Trips	PM10_IDLEX	
Riverside (S	2025	HHDT	Aggregate	Aggregate	Gasoline	6.232252524	303.889871	124.6949085	0	0
Riverside (S	2025	HHDT	Aggregate	Aggregate	Diesel	15281.49903	1950611.476	237189.4891	0.028841606	440.7429746
Riverside (S	2025	HHDT	Aggregate	Aggregate	Electricity	103.9487733	11894.93596	1423.999925	0	0
Riverside (S	2025	HHDT	Aggregate	Aggregate	Natural Ga	781.6601067	52093.15724	6789.845319	0.036037744	28.16926679
Riverside (S	2025	LHDT2	Aggregate	Aggregate	Gasoline	2462.303572	88408.90183	36684.6544	0	0
Riverside (S	2025	LHDT2	Aggregate	Aggregate	Diesel	6820.445818	250292.8301	85792.62827	0.027354126	186.5673371
Riverside (S	2025	LHDT2	Aggregate	Aggregate	Electricity	38.18158868	2488.307475	506.3231649	0	0
Riverside (S	2025	MHDT	Aggregate	Aggregate	Gasoline	1219.56756	49718.98291	24401.10774	0	0
Riverside (S	2025	MHDT	Aggregate	Aggregate	Diesel	13275.74248	571359.1019	157106.4624	0.019930864	264.5970178
Riverside (S	2025	MHDT	Aggregate	Aggregate	Electricity	118.7135177	6143.919124	1476.016203	0	0
Riverside (S	2025	MHDT	Aggregate	Aggregate	Natural Ga	169.7860028	7896.148358	1496.150659	0.019768403	3.356398131

Region	Calendar Y	Vehicle Cat	Model Yea	Speed	Fuel	Total VMT	PM10_RUNEX	
Riverside (S	2025	HHDT	Aggregate	25	Gasoline	4.277774433	0.002041342	0.0087324
Riverside (S	2025	HHDT	Aggregate	25	Diesel	21818.01771	0.006511039	142.057962
Riverside (S	2025	HHDT	Aggregate	25	Electricity	134.8274193	0	0
Riverside (S	2025	HHDT	Aggregate	25	Natural Ga	682.7086684	0.003907858	2.667928297
Riverside (S	2025	LHDT2	Aggregate	25	Gasoline	2494.401557	0.001167258	2.911609061
Riverside (S	2025	LHDT2	Aggregate	25	Diesel	6128.220153	0.043471069	266.400279
Riverside (S	2025	LHDT2	Aggregate	25	Electricity	63.64643289	0	0
Riverside (S	2025	MHDT	Aggregate	25	Gasoline	1409.371324	0.001505839	2.122286815
Riverside (S	2025	MHDT	Aggregate	25	Diesel	17006.99103	0.008836366	150.2800017
Riverside (S	2025	MHDT	Aggregate	25	Electricity	181.0195355	0	0
Riverside (S	2025	MHDT	Aggregate	25	Natural Ga	223.3601391	0.001742293	0.389158715

Region	Calendar Y	Vehicle Cat	Model Yea	Speed	Fuel	Total VMT	PM10_RUNEX	
Riverside (S	2025	HHDT	Aggregate	50	Gasoline	20.87525186	0.001090068	0.02275544
Riverside (S	2025	HHDT	Aggregate	50	Diesel	93661.42011	0.016819072	1575.298126
Riverside (S	2025	HHDT	Aggregate	50	Electricity	565.2708262	0	0
Riverside (S	2025	HHDT	Aggregate	50	Natural Ga	2805.737694	0.001762983	4.946469045
Riverside (S	2025	LHDT2	Aggregate	50	Gasoline	6624.882438	0.000756858	5.014095256
Riverside (S	2025	LHDT2	Aggregate	50	Diesel	14938.8408	0.020407258	304.8607806
Riverside (S	2025	LHDT2	Aggregate	50	Electricity	159.6442849	0	0
Riverside (S	2025	MHDT	Aggregate	50	Gasoline	4129.380661	0.000742334	3.065381098
Riverside (S	2025	MHDT	Aggregate	50	Diesel	48537.64792	0.00803791	390.141256
Riverside (S	2025	MHDT	Aggregate	50	Electricity	517.7391146	0	0
Riverside (S	2025	MHDT	Aggregate	50	Natural Ga	630.3598046	0.000623815	0.39322797

Source: EMFAC2021 (v1.0.2) Emission Rates
Region Type: Sub-Area
Region: Riverside (SC)
Calendar Year: 2025
Season: Annual
Vehicle Classification: EMFAC2007 Categories
Units: miles/day for CVMT and EVMT, g/mile for RUNEX, PMBW and PMTW, mph for Speed, kWh/mile for Energy Consumption, gallon/mile for Fuel Consumption. PHEV calculated based on total VMT.

Region	Calendar Y	Vehicle Cat	Model Yea	Speed	Fuel	Total VMT	CVMT	EVMT	NOx_RUNE	PM2.5_RU	PM10_RUN	CO2_RUNE	CH4_RUNE	N2O_RUNI	ROG_RUNE	TOG_RUNE	CO_RUNEX	SOx_RUNE	NH3_RUNI	PM10_PMI	PM2.5_PM	Fuel Consu	Energy Consumption
Riverside (S	2025	HHDT	Aggregate	50	Gasoline	20.87525	20.87525	0	6.205526	0.001002	0.00109	2033.477	0.121046	0.185999	0.651996	0.951392	34.97128	0.020103	0.044501	0.08274	0.028959	0.236366	0
Riverside (S	2025	HHDT	Aggregate	50	Diesel	93661.42	93661.42	0	0.944552	0.016091	0.016819	1418.857	0.000429	0.223541	0.009233	0.010511	0.055119	0.013436	0.218061	0.069901	0.024465	0.139713	0
Riverside (S	2025	HHDT	Aggregate	50	Electricity	565.2708	0	565.2708	0	0	0	0	0	0	0	0	0	0	0	0.035778	0.012522	0	1.744645
Riverside (S	2025	HHDT	Aggregate	50	Natural Ga	2805.738	2805.738	0	0.405339	0.001621	0.001763	1133.116	0.894378	0.230993	0.018447	0.919237	5.181772	0	0.974313	0.094781	0.033173	0.144371	0
Riverside (S	2025	LHDT2	Aggregate	50	Gasoline	6624.882	6624.882	0	0.113889	0.000696	0.000757	592.9407	0.001687	0.007384	0.007733	0.011284	0.449295	0.005862	0.044992	0.091	0.03185	0.068922	0
Riverside (S	2025	LHDT2	Aggregate	50	Diesel	14938.84	14938.84	0	1.178526	0.019524	0.020407	497.5046	0.004221	0.078382	0.090884	0.103466	0.177989	0.004714	0.176286	0.091	0.03185	0.048989	0
Riverside (S	2025	LHDT2	Aggregate	50	Electricity	159.6443	0	159.6443	0	0	0	0	0	0	0	0	0	0	0	0.0455	0.015925	0	0.554865
Riverside (S	2025	MHDT	Aggregate	50	Gasoline	4129.381	4129.381	0	0.330751	0.000683	0.000742	1480.615	0.006806	0.01699	0.033208	0.048457	1.061472	0.014637	0.044994	0.041585	0.014555	0.172103	0
Riverside (S	2025	MHDT	Aggregate	50	Diesel	48537.65	48537.65	0	0.599844	0.00769	0.008038	979.6165	0.000488	0.154339	0.010507	0.011962	0.04948	0.009276	0.214603	0.041585	0.014555	0.096462	0
Riverside (S	2025	MHDT	Aggregate	50	Electricity	517.7391	0	517.7391	0	0	0	0	0	0	0	0	0	0	0	0.020793	0.007277	0	1.037928
Riverside (S	2025	MHDT	Aggregate	50	Natural Ga	630.3598	630.3598	0	0.083336	0.000574	0.000624	744.4588	0.408952	0.151763	0.005843	0.417365	1.600107	0	1.06	0.041585	0.014555	0.094852	0

Emergency Backup Generator Emissions

	Fuel Type	Quantity	HP	LF	Hours/Year per Unit	Hours per Day	HP-hr per day	Total hp-hr per year	PM10 Emissions Rate (g/hp-hr)	Tons/Year	g/year	g/s	g/s per generator
Site1	Diesel	3	400	0.74	50	1	1,200	60,000	0.15	9.92E-03	9000	0.05	0.0166667
Site2	Diesel	1	400	0.74	50	1	400	20,000	0.15	3.31E-03	3000	0.0167	0.0166667
Site3	Diesel	2	750	0.74	50	1	1,500	75,000	0.15	1.24E-02	11250	0.0625	0.03125

Source: Emissions rates from CalEEMod Guide Appenix G, Table G-40.

Model Output: OFFROAD2021 (v1.0.1) Emissions Inventory
Region Type: Sub-Area
Region: San Bernardino (SC)
Calendar Year: 2024, 2025, 2026
Scenario: All Adopted Rules - Exhaust
Vehicle Classification: OFFROAD2021 Equipment Types
Units: tons/day for Emissions, gallons/year for Fuel, hours/year for Activity, Horsepower-hours/year for Horsepower-hours

Region	Calendar Ye	Vehicle Category	Model Year	Horsepower B	Fuel	PM10_tpd	Total_Activity_hpy	Total_Popul	Horsepower_Hours_hhp
San Bernarc	2024	Transportation Refridgeration	Aggregate	50	Diesel	0.0002108	81753.38	104.61	4087669
San Bernarc	2024	Transportation Refridgeration	Aggregate	50	Diesel	0.0045071	1828821.7	1020.72	91441084
San Bernarc	2024	Transportation Refridgeration	Aggregate	50	Diesel	0.0001987	55199.04	445.05	2759952
San Bernarc	2024	Transportation Refridgeration	Aggregate	50	Diesel	0.0019308	511213.93	1879.37	25560697

*OFFROAD data for San Bernardino Count was used as Riverside County data was not availble.

			g/hph
			PM10
Annual TRU Hours per Truck	718.02	2024	0.0170746
Daily Hours per Truck	1.97	2024	0.0163211
		2024	0.023843
		2024	0.0250127

	PM10
2024	1.78617
2024	16.659292
2024	10.611305
2024	47.008111
	0.0220494

Site 3 Truck	19	
TRU HP	50	
Onsite Idling Time	0.25	hours
Total Idling Time	1.97	hours
1 pound =	453.5924	grams

Emissions Source	PM10	PM10 tons/yr
Site 3 Transport Refrigeration Units	0.09	
Onsite Emissions		
Site 3	0.01	1.443E-06

Based on aggregated TRU emission rates obtained from CARB OFFROAD

Model Output: OFFROAD2021 (v1.0.4) Emissions Inventory
Region Type: Sub-Area
Region: San Bernardino (SC)
Calendar Year: 2024
Scenario: All Adopted Rules - Exhaust
Vehicle Classification: OFFROAD2021 Equipment Types
Units: tons/day for Emissions, gallons/year for Fuel, hours/year for Activity, Horsepower-hours/year for Horsepower-hours

Region	Calendar Yea	Vehicle Category	Model Year	orsepower B	Fuel	PM10_tpd	Total_Activity_hp	Total_Population	ower_Hours_hhpy
ı Bernardino (	2024	Industrial - Forklifts	Aggregate	100	Diesel	0.00240919	306065.8879	392.7312337	25228131.4
ı Bernardino (	2024	Industrial - Misc - Forklifts	Aggregate	100	Gasoline	0.00223352	652174.7	362	45652229
ı Bernardino (	2024	Industrial - Misc - Forklifts	Aggregate	100	Nat Gas	0.00519483	1365183.95	757.78	95562876.5

*OFFROAD data for San Bernardino Count was used as Riverside County data was not availble.

	g/hph
	PM10
2024	0.0316215
2024	0.0162003
2024	0.0180002
	12.418756
	5.8645167
	13.640221
	0.0211063

Site 1 Forklifts	5
Site 2 Forklifts	2
Site 3 Forklifts	3

HP	89	
Hours per Day	12	
Days per Year	365	
1 pound =	453.5924	grams

Emissions Source (lb/day)	PM10	PM10 tons/yr
Site 1 Forklift Emissions	0.25	0.045
Site 2 Forklift Emissions	0.10	0.018
Site 3 Forklift Emissions	0.15	0.027

Based on emission rates obtained from CARB OFFROAD Version 1.0.4.
Number of forklifts per SCAQMD High Cube Warehouse Truck Trip Study White Paper Summary of Business Survey Results, June 2014.

Model Output: OFFROAD2021 (v1.0.4) Emissions Inventory
Region Type: Sub-Area
Region: San Bernardino (SC)
Calendar Year: 2024
Scenario: All Adopted Rules - Exhaust
Vehicle Classification: OFFROAD2021 Equipment Types
Units: tons/day for Emissions, gallons/year for Fuel, hours/year for Activity, Horsepower-hours/year for Horsepower-hours

Region	Calendar Year	Vehicle Category	Model Year	Horsepower Bin	Fuel	PM10_tpd	tal_Activity_h	Total_Population	orsepower_Hours_hhpy
San Bernardino (SC)	2024	oort Ground Support - Cargo Trac	Aggregate	175	Diesel	1.63064E-05	819.088802	1.207211714	117815.8305
San Bernardino (SC)	2024	oort Ground Support - Cargo Trac	Aggregate	300	Diesel	1.08417E-05	792.863323	1.207211714	172104.402

*OFFROAD data for San Bernardino Count was used as Riverside County data was not availble.

	g/hph
	PM10
2024	0.045830084
2024	0.020859334

	PM10
2024	0.055326614
2024	0.025181632
	0.080508246
	0.033344709

Site 1 Yard Trucks	1
Site 2 Yard Trucks	0
Site 3 Yard Trucks	1

HP	190	
Hours per Day	6	
Days per Year	365	
1 pound =	453.5924	grams

Emissions Source (lb/day)	PM10	PM10 tons/yr
Site 1 Yard Truck Emissions	0.08	0.015
Site 2 Yard Trucks Emissions	0.00	0.000
Site 3 Yard Trucks Emissions	0.08	0.015

Based on aggregated emission rates obtained from CARB OFFROAD Version 1.0.4.
Number of yard trucks/hostlers per SCAQMD High Cube Warehouse Truck Trip Study White Paper Summary of Business Survey Results, June 2014.

Residential Exposure - Construction

Age	BR/BW	ASF	FAH	ED
3rd	361	10	1	0.25
0<2	1090	10	1	0.51
2<9	631	3	1	0
9<16	572	3	1	0
16<30	261	1	0.73	0

Residential Exposure - Operations

Age	BR/BW	ASF	FAH	ED
3rd	361	10	1	0.25
0<2	1090	10	1	2
2<9	631	3	1	7
9<16	572	3	1	7
16<30	261	1	0.73	13.75

Residential Exposure - Combined (Construction and Operations Sequential)

Age	BR/BW	ASF	ED	FAH
3rd	361	10	0.25	1
C 0<2	1090	10	0.51	1
O 0<2	1090	10	1.49	1
2<9	631	3	7	1
9<16	572	3	7	1
16<30	261	1	13.75	0.73
			30	
Worker Cons	230	1	0.76	1
Worker Ops	230	1	24.24	1

Residential DOSEair = **$(Cair*(BR/BW)*A*EF*10^{-6})$**

A	1	Inhalation absorption factor[2]
EF	0.96	Exposure frequency (350/year)[2]
10^{-6}	1.0E-06	Micrograms to milligrams conversions, liters to cubic meters conversion[3]

Residential Risk = **DOSEair * CPF * ASF * ED/AT * FAH**

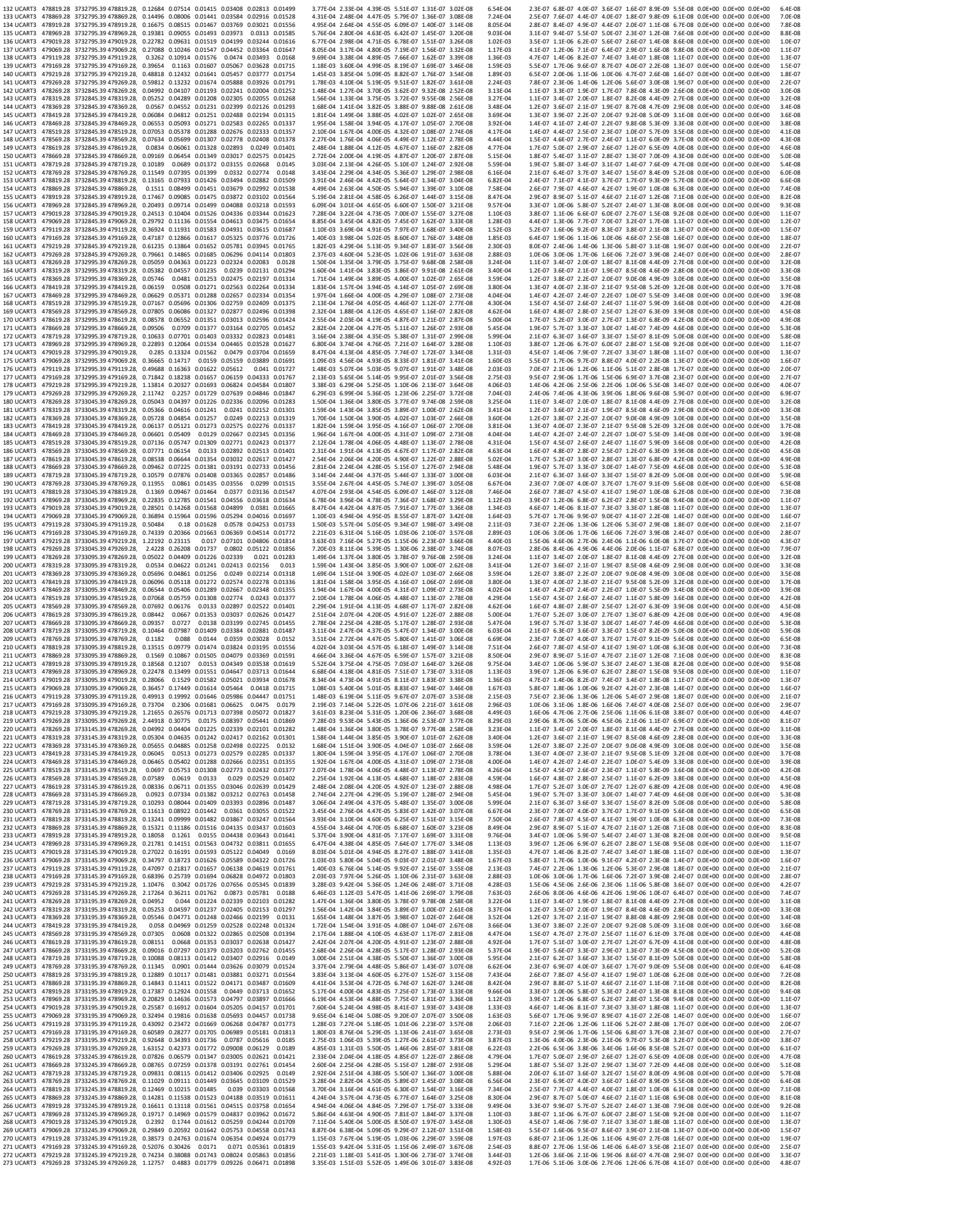
CPF	1.1	Cancer Potency Factor for DPM[4]
AT	70	Averaging Time[5]

Construction Risk (Unmitigated)

Unmitigated

On-Site			Off-Site		
Site 1	Site 2	Site 3	Site 1	Site 2	Site 3
2.97E-03	3.10E-03	3.10E-03	1.62E-05	4.65E-06	2.02E-06

				AVERAGE CONC [ug/m^3] at 1 g/s						**Concentration (AVERAGE CONC) [ug/m^3]**							**Residential Dose**	**Risk by Age Group**						
				Onsite			Offsite			Onsite			Offsite			Unmitigated								
#	Discrete X	Y	X, Y	Site 1	Site 2	Site 3	Site 1	Site 2	Site 3	Site 1	Site 2	Site 3	Site 1	Site 2	Site 3	Total	3rd	0<2	2<9	9<16	16<30	0<2	2<9	9<16	16<30	Total Risk
1	UCART3	478269.28	3732495.39	478269.28	0.04439	0.03611	0.01147	0.02066	0.01858	0.01202	1.32E-04	1.12E-04	3.56E-05	3.34E-07	8.64E-08	2.42E-08	2.80E-04	9.7E-08	2.9E-07	1.7E-07	1.5E-07	7.0E-08	3.8E-09	2.3E-08	0.0E+00	0.0E+00	0.0E+00	2.7E-08
2	UCART3	478319.28	3732495.39	478319.28	0.04692	0.03741	0.01163	0.02124	0.01902	0.01221	1.39E-04	1.16E-04	3.61E-05	3.43E-07	8.84E-08	2.46E-08	2.92E-04	1.0E-07	3.0E-07	1.8E-07	1.6E-07	7.3E-08	4.0E-09	2.4E-08	0.0E+00	0.0E+00	0.0E+00	2.8E-08
3	UCART3	478369.28	3732495.39	478369.28	0.04973	0.03875	0.01181	0.02185	0.01947	0.0124	1.48E-04	1.20E-04	3.66E-05	3.53E-07	9.05E-08	2.50E-08	3.05E-04	1.1E-07	3.2E-07	1.8E-07	1.7E-07	7.6E-08	4.1E-09	2.6E-08	0.0E+00	0.0E+00	0.0E+00	3.0E-08
4	UCART3	478419.28	3732495.39	478419.28	0.05308	0.04025	0.01201	0.02255	0.01998	0.01262	1.58E-04	1.25E-04	3.73E-05	3.64E-07	9.29E-08	2.54E-08	3.20E-04	1.1E-07	3.3E-07	1.9E-07	1.8E-07	8.0E-08	4.4E-09	2.7E-08	0.0E+00	0.0E+00	0.0E+00	3.1E-08
5	UCART3	478469.28	3732495.39	478469.28	0.05682	0.04182	0.01221	0.0233	0.02052	0.01286	1.69E-04	1.29E-04	3.79E-05	3.76E-07	9.54E-08	2.59E-08	3.37E-04	1.2E-07	3.5E-07	2.0E-07	1.8E-07	8.4E-08	4.6E-09	2.8E-08	0.0E+00	0.0E+00	0.0E+00	3.3E-08
6	UCART3	478519.28	3732495.39	478519.28	0.06063	0.04333	0.0124	0.02402	0.02103	0.01307	1.80E-04	1.34E-04	3.85E-05	3.88E-07	9.78E-08	2.63E-08	3.53E-04	1.2E-07	3.7E-07	2.1E-07	1.9E-07	8.8E-08	4.8E-09	3.0E-08	0.0E+00	0.0E+00	0.0E+00	3.4E-08
7	UCART3	478569.28	3732495.39	478569.28	0.0642	0.04456	0.01255	0.02461	0.02142	0.01322	1.91E-04	1.38E-04	3.89E-05	3.98E-07	9.96E-08	2.66E-08	3.68E-04	1.3E-07	3.8E-07	2.2E-07	2.0E-07	9.2E-08	5.0E-09	3.1E-08	0.0E+00	0.0E+00	0.0E+00	3.6E-08
8	UCART3	478619.28	3732495.39	478619.28	0.06906	0.04635	0.01277	0.02547	0.02202	0.01347	2.05E-04	1.44E-04	3.96E-05	4.11E-07	1.02E-07	2.72E-08	3.89E-04	1.3E-07	4.1E-07	2.4E-07	2.1E-07	9.7E-08	5.3E-09	3.3E-08	0.0E+00	0.0E+00	0.0E+00	3.8E-08
9	UCART3	478669.28	3732495.39	478669.28	0.0736	0.04782	0.01294	0.02618	0.02248	0.01366	2.19E-04	1.48E-04	4.01E-05	4.23E-07	1.04E-07	2.75E-08	4.07E-04	1.4E-07	4.3E-07	2.5E-07	2.2E-07	1.0E-07	5.5E-09	3.4E-08	0.0E+00	0.0E+00	0.0E+00	4.0E-08
10	UCART3	478719.28	3732495.39	478719.28	0.07832	0.04919	0.0131	0.02687	0.0229	0.01384	2.33E-04	1.52E-04	4.06E-05	4.34E-07	1.06E-07	2.79E-08	4.26E-04	1.5E-07	4.5E-07	2.6E-07	2.3E-07	1.1E-07	5.8E-09	3.6E-08	0.0E+00	0.0E+00	0.0E+00	4.1E-08
11	UCART3	478769.28	3732495.39	478769.28	0.08408	0.05103	0.01331	0.02776	0.02348	0.01408	2.50E-04	1.58E-04	4.13E-05	4.48E-07	1.09E-07	2.84E-08	4.50E-04	1.6E-07	4.7E-07	2.7E-07	2.5E-07	1.1E-07	6.1E-09	3.8E-08	0.0E+00	0.0E+00	0.0E+00	4.4E-08
12	UCART3	478819.28	3732495.39	478819.28	0.08916	0.05222	0.01347	0.02843	0.02388	0.01426	2.65E-04	1.62E-04	4.18E-05	4.59E-07	1.11E-07	2.87E-08	4.69E-04	1.6E-07	4.9E-07	2.8E-07	2.6E-07	1.2E-07	6.4E-09	3.9E-08	0.0E+00	0.0E+00	0.0E+00	4.6E-08
13	UCART3	478869.28	3732495.39	478869.28	0.09624	0.05446	0.01372	0.02948	0.02456	0.01453	2.86E-04	1.69E-04	4.26E-05	4.76E-07	1.14E-07	2.93E-08	4.98E-04	1.7E-07	5.2E-07	3.0E-07	2.7E-07	1.2E-07	6.8E-09	4.2E-08	0.0E+00	0.0E+00	0.0E+00	4.8E-08
14	UCART3	478919.28	3732495.39	478919.28	0.10592	0.05777	0.01406	0.03098	0.02557	0.01492	3.15E-04	1.79E-04	4.36E-05	5.00E-07	1.19E-07	3.01E-08	5.38E-04	1.9E-07	5.6E-07	3.3E-07	3.0E-07	1.3E-07	7.3E-09	4.5E-08	0.0E+00	0.0E+00	0.0E+00	5.2E-08
15	UCART3	478969.28	3732495.39	478969.28	0.11567	0.06055	0.01437	0.03232	0.02642	0.01528	3.44E-04	1.87E-04	4.46E-05	5.22E-07	1.23E-07	3.08E-08	5.76E-04	2.0E-07	6.0E-07	3.5E-07	3.2E-07	1.4E-07	7.8E-09	4.8E-08	0.0E+00	0.0E+00	0.0E+00	5.6E-08
16	UCART3	479019.28	3732495.39	479019.28	0.12458	0.06289	0.01462	0.03347	0.02711	0.01556	3.70E-04	1.95E-04	4.54E-05	5.41E-07	1.26E-07	3.14E-08	6.11E-04	2.1E-07	6.4E-07	3.7E-07	3.4E-07	1.5E-07	8.3E-09	5.1E-08	0.0E+00	0.0E+00	0.0E+00	5.9E-08
17	UCART3	479069.28	3732495.39	479069.28	0.13109	0.06426	0.01478	0.0342	0.02748	0.01573	3.89E-04	1.99E-04	4.59E-05	5.52E-07	1.28E-07	3.17E-08	6.35E-04	2.2E-07	6.6E-07	3.8E-07	3.5E-07	1.6E-07	8.6E-09	5.3E-08	0.0E+00	0.0E+00	0.0E+00	6.2E-08
18	UCART3	479119.28	3732495.39	479119.28	0.13431	0.06414	0.01486	0.03443	0.02753	0.01583	3.99E-04	1.99E-04	4.61E-05	5.56E-07	1.28E-07	3.19E-08	6.44E-04	2.2E-07	6.7E-07	3.9E-07	3.5E-07	1.6E-07	8.8E-09	5.4E-08	0.0E+00	0.0E+00	0.0E+00	6.3E-08
19	UCART3	479169.28	3732495.39	479169.28	0.14124	0.06566	0.01507	0.03528	0.02803	0.01607	4.20E-04	2.03E-04	4.68E-05	5.70E-07	1.30E-07	3.24E-08	6.70E-04	2.3E-07	7.0E-07	4.1E-07	3.7E-07	1.7E-07	9.1E-09	5.6E-08	0.0E+00	0.0E+00	0.0E+00	6.5E-08
20	UCART3	478269.28	3732545.39	478269.28	0.04481	0.03683	0.01151	0.02086	0.01877	0.01207	1.33E-04	1.14E-04	3.57E-05	3.37E-07	8.73E-08	2.43E-08	2.83E-04	9.8E-08	3.0E-07	1.7E-07	1.6E-07	7.1E-08	3.9E-09	2.4E-08	0.0E+00	0.0E+00	0.0E+00	2.8E-08
21	UCART3	478319.28	3732545.39	478319.28	0.0473	0.03824	0.01166	0.02143	0.0192	0.01224	1.41E-04	1.18E-04	3.62E-05	3.46E-07	8.93E-08	2.47E-08	2.96E-04	1.0E-07	3.1E-07	1.8E-07	1.6E-07	7.4E-08	4.0E-09	2.5E-08	0.0E+00	0.0E+00	0.0E+00	2.9E-08
22	UCART3	478369.28	3732545.39	478369.28	0.05035	0.0398	0.01185	0.02211	0.01971	0.01244	1.50E-04	1.23E-04	3.68E-05	3.57E-07	9.16E-08	2.51E-08	3.10E-04	1.1E-07	3.2E-07	1.9E-07	1.7E-07	7.8E-08	4.2E-09	2.6E-08	0.0E+00	0.0E+00	0.0E+00	3.0E-08
23	UCART3	478419.28	3732545.39	478419.28	0.05407	0.04153	0.01207	0.02289	0.02028	0.01269	1.61E-04	1.29E-04	3.74E-05	3.70E-07	9.43E-08	2.56E-08	3.27E-04	1.1E-07	3.4E-07	2.0E-07	1.8E-07	8.2E-08	4.4E-09	2.7E-08	0.0E+00	0.0E+00	0.0E+00	3.2E-08
24	UCART3	478469.28	3732545.39	478469.28	0.05822	0.04335	0.01228	0.0237	0.02086	0.01294	1.73E-04	1.34E-04	3.81E-05	3.83E-07	9.70E-08	2.61E-08	3.46E-04	1.2E-07	3.6E-07	2.1E-07	1.9E-07	8.7E-08	4.7E-09	2.9E-08	0.0E+00	0.0E+00	0.0E+00	3.4E-08
25	UCART3	478519.28	3732545.39	478519.28	0.06272	0.0452	0.0125	0.02453	0.02144	0.01317	1.86E-04	1.40E-04	3.88E-05	3.96E-07	9.97E-08	2.65E-08	3.66E-04	1.3E-07	3.8E-07	2.2E-07	2.0E-07	9.2E-08	5.0E-09	3.1E-08	0.0E+00	0.0E+00	0.0E+00	3.6E-08
26	UCART3	478569.28	3732545.39	478569.28	0.06688	0.04678	0.01267	0.02524	0.02194	0.01336	1.99E-04	1.45E-04	3.93E-05	4.08E-07	1.02E-07	2.69E-08	3.83E-04	1.3E-07	4.0E-07	2.3E-07	2.1E-07	9.6E-08	5.2E-09	3.2E-08	0.0E+00	0.0E+00	0.0E+00	3.7E-08
27	UCART3	478619.28	3732545.39	478619.28	0.07161	0.04845	0.01285	0.02602	0.02246	0.01356	2.13E-04	1.50E-04	3.99E-05	4.20E-07	1.04E-07	2.73E-08	4.03E-04	1.4E-07	4.2E-07	2.4E-07	2.2E-07	1.0E-07	5.5E-09	3.4E-08	0.0E+00	0.0E+00	0.0E+00	3.9E-08
28	UCART3	478669.28	3732545.39	478669.28	0.07747	0.05046	0.01307	0.02694	0.02308	0.01381	2.30E-04	1.56E-04	4.06E-05	4.35E-07	1.07E-07	2.78E-08	4.28E-04	1.5E-07	4.5E-07	2.6E-07	2.3E-07	1.1E-07	5.8E-09	3.6E-08	0.0E+00	0.0E+00	0.0E+00	4.2E-08
29	UCART3	478719.28	3732545.39	478719.28	0.08342	0.05233	0.01327	0.02783	0.02365	0.01403	2.48E-04	1.62E-04	4.12E-05	4.50E-07	1.10E-07	2.83E-08	4.52E-04	1.6E-07	4.7E-07	2.7E-07	2.5E-07	1.1E-07	6.1E-09	3.8E-08	0.0E+00	0.0E+00	0.0E+00	4.4E-08
30	UCART3	478769.28	3732545.39	478769.28	0.08905	0.05386	0.01342	0.02856	0.02409	0.01419	2.65E-04	1.67E-04	4.16E-05	4.61E-07	1.12E-07	2.86E-08	4.74E-04	1.6E-07	4.9E-07	2.9E-07	2.6E-07	1.2E-07	6.4E-09	4.0E-08	0.0E+00	0.0E+00	0.0E+00	4.6E-08
31	UCART3	478819.28	3732545.39	478819.28	0.09568	0.05562	0.0136	0.02942	0.0246	0.01439	2.84E-04	1.72E-04	4.22E-05	4.75E-07	1.14E-07	2.90E-08	4.99E-04	1.7E-07	5.2E-07	3.0E-07	2.7E-07	1.2E-07	6.8E-09	4.2E-08	0.0E+00	0.0E+00	0.0E+00	4.9E-08
32	UCART3	478869.28	3732545.39	478869.28	0.10354	0.05776	0.01382	0.03045	0.02523	0.01464	3.08E-04	1.79E-04	4.29E-05	4.92E-07	1.17E-07	2.95E-08	5.30E-04	1.8E-07	5.5E-07	3.2E-07	2.9E-07	1.3E-07	7.2E-09	4.4E-08	0.0E+00	0.0E+00	0.0E+00	5.2E-08
33	UCART3	478919.28	3732545.39	478919.28	0.11459	0.06108	0.01415	0.03197	0.02622	0.01501	3.40E-04	1.89E-04	4.39E-05	5.16E-07	1.22E-07	3.03E-08	5.74E-04	2.0E-07	6.0E-07	3.5E-07	3.1E-07	1.4E-07	7.8E-09	4.8E-08	0.0E+00	0.0E+00	0.0E+00	5.6E-08
34	UCART3	478969.28	3732545.39	478969.28	0.12651	0.06421	0.01445	0.03346	0.02712	0.01537	3.76E-04	1.99E-04	4.48E-05	5.41E-07	1.26E-07	3.10E-08	6.20E-04	2.1E-07	6.5E-07	3.8E-07	3.4E-07	1.6E-07	8.4E-09	5.2E-08	0.0E+00	0.0E+00	0.0E+00	6.0E-08
35	UCART3	479019.28	3732545.39	479019.28	0.13798	0.06698	0.01472	0.0348	0.0279	0.01567	4.10E-04	2.07E-04	4.57E-05	5.62E-07	1.30E-07	3.16E-08	6.64E-04	2.3E-07	6.9E-07	4.0E-07	3.6E-07	1.7E-07	9.0E-09	5.6E-08	0.0E+00	0.0E+00	0.0E+00	6.5E-08
36	UCART3	479069.28	3732545.39	479069.28	0.14938	0.06958	0.01496	0.03608	0.02861	0.01594	4.44E-04	2.15E-04	4.64E-05	5.83E-07	1.33E-07	3.21E-08	7.06E-04	2.4E-07	7.4E-07	4.3E-07	3.9E-07	1.8E-07	9.6E-09	5.9E-08	0.0E+00	0.0E+00	0.0E+00	6.9E-08
37	UCART3	479119.28	3732545.39	479119.28	0.15707	0.0708	0.01509	0.0368	0.02891	0.01608	4.67E-04	2.19E-04	4.68E-05	5.94E-07	1.34E-07	3.24E-08	7.33E-04	2.5E-07	7.7E-07	4.4E-07	4.0E-07	1.8E-07	1.0E-08	6.1E-08	0.0E+00	0.0E+00	0.0E+00	7.1E-08
38	UCART3	479169.28	3732545.39	479169.28	0.16721	0.07241	0.0153	0.03781	0.02941	0.01632	4.97E-04	2.24E-04	4.75E-05	6.11E-07	1.37E-07	3.29E-08	7.69E-04	2.7E-07	8.0E-07	4.7E-07	4.2E-07	1.9E-07	1.0E-08	6.4E-08	0.0E+00	0.0E+00	0.0E+00	7.5E-08
39	UCART3	478269.28	3732595.39	478269.28	0.04525	0.03746	0.01155	0.02105	0.01894	0.01211	1.34E-04	1.16E-04	3.58E-05	3.40E-07	8.80E-08	2.44E-08	2.87E-04	9.9E-08	3.0E-07	1.7E-07	1.6E-07	7.2E-08	3.9E-09	2.4E-08	0.0E+00	0.0E+00	0.0E+00	2.8E-08
40	UCART3	478319.28	3732595.39	478319.28	0.04791	0.03906	0.01172	0.02168	0.01943	0.0123	1.42E-04	1.21E-04	3.64E-05	3.50E-07	9.03E-08	2.48E-08	3.00E-04	1.0E-07	3.1E-07	1.8E-07	1.6E-07	7.5E-08	4.1E-09	2.5E-08	0.0E+00	0.0E+00	0.0E+00	2.9E-08
41	UCART3	478369.28	3732595.39	478369.28	0.05128	0.04087	0.01192	0.02243	0.01999	0.01253	1.52E-04	1.27E-04	3.70E-05	3.62E-07	9.29E-08	2.53E-08	3.16E-04	1.1E-07	3.3E-07	1.9E-07	1.7E-07	7.9E-08	4.3E-09	2.7E-08	0.0E+00	0.0E+00	0.0E+00	3.1E-08
42	UCART3	478419.28	3732595.39	478419.28	0.05505	0.04276	0.01212	0.02321	0.02056	0.01276	1.64E-04	1.32E-04	3.76E-05	3.75E-07	9.56E-08	2.57E-08	3.34E-04	1.2E-07	3.5E-07	2.0E-07	1.8E-07	8.4E-08	4.5E-09	2.8E-08	0.0E+00	0.0E+00	0.0E+00	3.3E-08
43	UCART3	478469.28	3732595.39	478469.28	0.0593	0.04472	0.01233	0.02403	0.02115	0.01299	1.76E-04	1.38E-04	3.83E-05	3.88E-07	9.83E-08	2.62E-08	3.53E-04	1.2E-07	3.7E-07	2.1E-07	1.9E-07	8.8E-08	4.8E-09	3.0E-08	0.0E+00	0.0E+00	0.0E+00	3.4E-08
44	UCART3	478519.28	3732595.39	478519.28	0.06434	0.04686	0.01257	0.02495	0.0218	0.01324	1.91E-04	1.45E-04	3.90E-05	4.03E-07	1.01E-07	2.67E-08	3.76E-04	1.3E-07	3.9E-07	2.3E-07	2.1E-07	9.4E-08	5.1E-09	3.1E-08	0.0E+00	0.0E+00	0.0E+00	3.7E-08
45	UCART3	478569.28	3732595.39	478569.28	0.06938	0.04809	0.01277	0.02581	0.0224	0.01347	2.06E-04	1.51E-04	3.96E-05	4.17E-07	1.04E-07	2.72E-08	3.98E-04	1.4E-07	4.2E-07	2.4E-07	2.2E-07	1.0E-07	5.4E-09	3.3E-08	0.0E+00	0.0E+00	0.0E+00	3.9E-08
46	UCART3	478619.28	3732595.39	478619.28	0.07406	0.05065	0.01292	0.02655	0.0229	0.01365	2.20E-04	1.57E-04	4.01E-05	4.29E-07	1.06E-07	2.75E-08	4.18E-04	1.4E-07	4.4E-07	2.5E-07	2.3E-07	1.0E-07	5.7E-09	3.5E-08	0.0E+00	0.0E+00	0.0E+00	4.1E-08
47	UCART3	478669.28	3732595.39	478669.28	0.08047	0.05286	0.01314	0.02753	0.02354	0.01389	2.39E-04	1.64E-04	4.08E-05	4.45E-07	1.09E-07	2.80E-08	4.44E-04	1.5E-07	4.6E-07	2.7E-07	2.4E-07	1.1E-07	6.0E-09	3.7E-08	0.0E+00	0.0E+00	0.0E+00	4.3E-08
48	UCART3	478719.28	3732595.39	478719.28	0.0873	0.05502	0.01335	0.02849	0.02417	0.01412	2.59E-04	1.70E-04	4.14E-05	4.60E-07	1.12E-07	2.85E-08	4.72E-04	1.6E-07	4.9E-07	2.9E-07	2.6E-07	1.2E-07	6.4E-09	4.0E-08	0.0E+00	0.0E+00	0.0E+00	4.6E-08
49	UCART3	478769.28	3732595.39	478769.28	0.09395	0.05685	0.01352	0.02935	0.0247	0.0143	2.79E-04	1.76E-04	4.19E-05	4.74E-07	1.15E-07	2.88E-08	4.98E-04	1.7E-07	5.2E-07	3.0E-07	2.7E-07	1.2E-07	6.8E-09	4.2E-08	0.0E+00	0.0E+00	0.0E+00	4.8E-08
50	UCART3	478819.28	3732595.39	478819.28	0.10186	0.05895	0.0137	0.03032	0.02528	0.01451	3.03E-04	1.83E-04	4.25E-05	4.90E-07	1.18E-07	2.92E-08	5.28E-04	1.8E-07	5.5E-07	3.2E-07	2.9E-07	1.3E-07	7.2E-09	4.4E-08	0.0E+00	0.0E+00	0.0E+00	5.1E-08
51	UCART3	478869.28	3732595.39	478869.28	0.1119	0.06165	0.01395	0.03157	0.02603	0.01479	3.32E-04	1.91E-04	4.33E-05	5.10E-07	1.21E-07	2.98E-08	5.67E-04	2.0E-07	5.9E-07	3.4E-07	3.1E-07	1.4E-07	7.7E-09	4.8E-08	0.0E+00	0.0E+00	0.0E+00	5.5E-08
52	UCART3	478919.28	3732595.39	478919.28	0.12501	0.06511	0.01426	0.03314	0.02699	0.01515	3.71E-04	2.02E-04	4.42E-05	5.35E-07	1.25E-07	3.05E-08	6.18E-04	2.1E-07	6.5E-07	3.7E-07	3.4E-07	1.5E-07	8.4E-09	5.2E-08	0.0E+00	0.0E+00	0.0E+00	6.0E-08
53	UCART3	478969.28	3732595.39	478969.28	0.13827	0.06826	0.01453	0.0346	0.02783	0.01545	4.11E-04	2.11E-04	4.51E-05	5.59E-07	1.29E-07	3.11E-08	6.68E-04	2.3E-07	7.0E-07	4.0E-07	3.7E-07	1.7E-07	9.1E-09	5.6E-08	0.0E+00	0.0E+00	0.0E+00	6.5E-08
54	UCART3	479019.28	3732595.39	479019.28	0.153	0.07155	0.01481	0.03615	0.0287	0.01576	4.55E-04	2.22E-04	4.60E-05	5.84E-07	1.33E-07	3.18E-08	7.23E-04	2.5E-07	7.6E-07	4.4E-07	4.0E-07	1.8E-07	9.8E-09	6.1E-08	0.0E+00	0.0E+00	0.0E+00	7.0E-08
55	UCART3	479069.28	3732595.39	479069.28	0.16885	0.07483	0.01508	0.03773	0.02955	0.01607	5.02E-04	2.32E-04	4.68E-05	6.10E-07	1.37E-07	3.24E-08	7.81E-04	2.7E-07	8.2E-07	4.7E-07	4.3E-07	2.0E-07	1.1E-08	6.5E-08	0.0E+00	0.0E+00	0.0E+00	7.6E-08
56	UCART3	479119.28	3732595.39	479119.28	0.18528	0.07798	0.01534	0.03933	0.03039	0.01637	5.50E-04	2.41E-04	4.76E-05	6.35E-07	1.41E-07	3.30E-08	8.40E-04	2.9E-07	8.8E-07	5.1E-07	4.6E-07	2.1E-07	1.1E-08	7.0E-08	0.0E+00	0.0E+00	0.0E+00	8.2E-08
57	UCART3	479169.28	3732595.39	479169.28	0.20244	0.08111	0.0155	0.04094	0.0312	0.01666	6.01E-04	2.51E-04	4.84E-05	6.61E-07	1.45E-07	3.36E-08	9.02E-04	3.1E-07	9.4E-07	5.5E-07	4.9E-07	2.3E-07	1.2E-08	7.6E-08	0.0E+00	0.0E+00	0.0E+00	8.8E-08
58	UCART3	478269.28	3732645.39	478269.28	0.04591	0.0381	0.01161	0.02128	0.01914	0.01218	1.36E-04	1.18E-04	3.60E-05	3.44E-07	8.90E-08	2.46E-08	2.91E-04	1.0E-07	3.0E-07	1.8E-07	1.6E-07	7.3E-08	4.0E-09	2.4E-08	0.0E+00	0.0E+00	0.0E+00	2.8E-08
59	UCART3	478319.28	3732645.39	478319.28	0.04915	0.04004	0.01181	0.02203	0.01972	0.01241	1.46E-04	1.24E-04	3.66E-05	3.56E-07	9.17E-08	2.50E-08	3.07E-04	1.1E-07	3.2E-07	1.9E-07	1.7E-07	7.7E-08	4.2E-09	2.6E-08	0.0E+00	0.0E+00	0.0E+00	3.0E-08
60	UCART3	478369.28	3732645.39	478369.28	0.05238	0.04191	0.01199	0.02275	0.02026	0.01261	1.56E-04	1.30E-04	3.72E-05	3.68E-07	9.42E-08	2.54E-08	3.23E-04	1.1E-07	3.4E-07	2.0E-07	1.8E-07	8.1E-08	4.4E-09	2.7E-08	0.0E+00	0.0E+00	0.0E+00	3.1E-08
61	UCART3	478419.28	3732645.39	478419.28	0.05603	0.04389	0.01218	0.02352	0.02083	0.01282	1.66E-04	1.36E-04	3.78E-05	3.80E-07	9.68E-08	2.58E-08	3.41E-04	1.2E-07	3.6E-07	2.1E-07	1.9E-07	8.5E-08	4.6E-09	2.9E-08	0.0E+00	0.0E+00	0.0E+00	3.3E-08
62	UCART3	478469.28	3732645.39	478469.28	0.06033	0.04603	0.01239	0.02436	0.02144	0.01304	1.79E-04	1.43E-04	3.84E-05	3.94E-07	9.97E-08	2.63E-08	3.61E-04	1.2E-07	3.8E-07	2.2E-07	2.0E-07	9.0E-08	4.9E-09	3.0E-08	0.0E+00	0.0E+00	0.0E+00	3.5E-08
63	UCART3	478519.28	3732645.39	478519.28	0.06603	0.04848	0.01264	0.02538	0.02216	0.01332	1.96E-04	1.50E-04	3.92E-05	4.10E-07	1.03E-07	2.69E-08	3.86E-04	1.3E-07	4.0E-07	2.3E-07	2.1E-07	9.7E-08	5.2E-09	3.2E-08	0.0E+00	0.0E+00	0.0E+00	3.8E-08
64	UCART3	478569.28	3732645.39	478569.28	0.07157	0.05082	0.01286	0.02632	0.02281	0.01356	2.13E-04	1.57E-04	3.99E-05	4.25E-07	1.06E-07	2.73E-08	4.10E-04	1.4E-07	4.3E-07	2.5E-07	2.3E-07	1.0E-07	5.6E-09	3.4E-08	0.0E+00	0.0E+00	0.0E+00	4.0E-08
65	UCART3	478619.28	3732645.39	478619.28	0.07695	0.05303	0.01303	0.02718	0.0234	0.01375	2.29E-04	1.64E-04	4.04E-05	4.39E-07	1.09E-07	2.77E-08	4.34E-04	1.5E-07	4.5E-07	2.6E-07	2.4E-07	1.1E-07	5.9E-09	3.6E-08	0.0E+00	0.0E+00	0.0E+00	4.2E-08
66	UCART3	478669.28



274	UCART3	478819.28	3733295.39	478819.28	0.12007	0.10231	0.01483	0.03895	0.03311	0.01565	3.57E-04	3.17E-04	4.60E-05	6.29E-07	1.54E-07	3.15E-08	7.20E-04	2.5E-07	7.5E-07	4.4E-07	4.0E-07	1.8E-07	9.8E-09	6.0E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	7.0E-08
275	UCART3	478869.28	3733295.39	478869.28	0.13669	0.11543	0.01518	0.04178	0.03524	0.01604	4.06E-04	3.57E-04	4.71E-05	6.75E-07	1.64E-07	3.23E-08	8.11E-04	2.8E-07	8.5E-07	4.9E-07	4.5E-07	2.0E-07	1.1E-08	6.8E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	7.9E-08
276	UCART3	478919.28	3733295.39	478919.28	0.15776	0.13208	0.01556	0.0451	0.03773	0.01649	4.69E-04	4.09E-04	4.83E-05	7.29E-07	1.75E-07	3.32E-08	9.27E-04	3.2E-07	9.7E-07	5.6E-07	5.1E-07	2.3E-07	1.3E-08	7.8E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	9.0E-08
277	UCART3	478969.28	3733295.39	478969.28	0.18518	0.15206	0.01586	0.04869	0.04025	0.01682	5.50E-04	4.71E-04	4.92E-05	7.87E-07	1.87E-07	3.39E-08	1.07E-03	3.7E-07	1.1E-06	6.5E-07	5.9E-07	2.7E-07	1.5E-08	9.0E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.0E-07
278	UCART3	479019.28	3733295.39	479019.28	0.22154	0.17804	0.01619	0.053	0.04324	0.0172	6.58E-04	5.51E-04	5.02E-05	8.56E-07	2.01E-07	3.47E-08	1.26E-03	4.4E-07	1.3E-06	7.6E-07	6.9E-07	3.2E-07	1.7E-08	1.1E-07	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.2E-07
279	UCART3	479069.28	3733295.39	479069.28	0.27117	0.21217	0.01652	0.05813	0.04668	0.01757	8.06E-04	6.57E-04	5.13E-05	9.39E-07	2.17E-07	3.54E-08	1.52E-03	5.2E-07	1.6E-06	9.2E-07	8.3E-07	3.8E-07	2.1E-08	1.3E-07	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.5E-07
280	UCART3	479119.28	3733295.39	479119.28	0.34088	0.25651	0.01679	0.06406	0.0504	0.01783	1.01E-03	7.94E-04	5.21E-05	1.03E-06	2.34E-07	3.59E-08	1.86E-03	6.4E-07	1.9E-06	1.1E-06	1.0E-06	4.7E-07	2.5E-08	1.6E-07	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.8E-07
281	UCART3	479169.28	3733295.39	479169.28	0.44136	0.31977	0.01712	0.07167	0.05514	0.01821	1.31E-03	9.90E-04	5.31E-05	1.16E-06	2.56E-07	3.67E-08	2.36E-03	8.2E-07	2.5E-06	1.4E-06	1.3E-06	5.9E-07	3.2E-08	2.0E-07	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.3E-07
282	UCART3	479219.28	3733295.39	479219.28	0.58872	0.41097	0.01747	0.08129	0.06086	0.01861	1.75E-03	1.27E-03	5.42E-05	1.31E-06	2.83E-07	3.75E-08	3.08E-03	1.1E-06	3.2E-06	1.9E-06	1.7E-06	7.7E-07	4.2E-08	2.6E-07	0.0E+00	0.0E+00	0.0E+00	0.0E+00	3.0E-07
283	UCART3	479269.28	3733295.39	479269.28	0.80012	0.54837	0.01786	0.09385	0.06798	0.01905	2.38E-03	1.70E-03	5.54E-05	1.52E-06	3.16E-07	3.84E-08	4.13E-03	1.4E-06	4.3E-06	2.5E-06	2.3E-06	1.0E-06	5.6E-08	3.5E-07	0.0E+00	0.0E+00	0.0E+00	0.0E+00	4.0E-07
284	UCART3	478819.28	3733345.39	478819.28	0.11519	0.10203	0.01481	0.03883	0.03316	0.01564	3.42E-04	3.16E-04	4.60E-05	6.27E-07	1.54E-07	3.15E-08	7.05E-04	2.4E-07	7.4E-07	4.3E-07	3.9E-07	1.8E-07	9.6E-09	5.9E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	6.9E-08
285	UCART3	478869.28	3733345.39	478869.28	0.13025	0.11534	0.01517	0.0417	0.03537	0.01603	3.87E-04	3.57E-04	4.71E-05	6.74E-07	1.64E-07	3.23E-08	7.92E-04	2.7E-07	8.3E-07	4.8E-07	4.3E-07	2.0E-07	1.1E-08	6.6E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	7.7E-08
286	UCART3	478919.28	3733345.39	478919.28	0.14896	0.1325	0.01562	0.04523	0.03814	0.01655	4.43E-04	4.10E-04	4.85E-05	7.31E-07	1.77E-07	3.34E-08	9.02E-04	3.1E-07	9.4E-07	5.5E-07	4.9E-07	2.3E-07	1.2E-08	7.6E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	8.8E-08
287	UCART3	478969.28	3733345.39	478969.28	0.17294	0.15286	0.01593	0.04886	0.04077	0.01689	5.14E-04	4.73E-04	4.94E-05	7.89E-07	1.90E-07	3.40E-08	1.04E-03	3.6E-07	1.1E-06	6.3E-07	5.7E-07	2.6E-07	1.4E-08	8.7E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.0E-07
288	UCART3	479019.28	3733345.39	479019.28	0.20397	0.1793	0.01624	0.05316	0.04383	0.01724	6.06E-04	5.55E-04	5.04E-05	8.59E-07	2.04E-07	3.48E-08	1.21E-03	4.2E-07	1.3E-06	7.3E-07	6.7E-07	3.0E-07	1.6E-08	1.0E-07	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.2E-07
289	UCART3	479069.28	3733345.39	479069.28	0.24486	0.21452	0.01656	0.05829	0.04739	0.0176	7.27E-04	6.64E-04	5.14E-05	9.42E-07	2.20E-07	3.55E-08	1.44E-03	5.0E-07	1.5E-06	8.7E-07	7.9E-07	3.6E-07	2.0E-08	1.2E-07	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.4E-07
290	UCART3	479119.28	3733345.39	479119.28	0.29963	0.26043	0.0168	0.06417	0.05122	0.01784	8.90E-04	8.06E-04	5.21E-05	1.04E-06	2.38E-07	3.60E-08	1.75E-03	6.1E-07	1.8E-06	1.1E-06	9.6E-07	4.4E-07	2.4E-08	1.5E-07	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.7E-07
291	UCART3	479169.28	3733345.39	479169.28	0.37334	0.3279	0.01713	0.07188	0.05632	0.01822	1.11E-03	1.02E-03	5.31E-05	1.16E-06	2.62E-07	3.67E-08	2.18E-03	7.5E-07	2.3E-06	1.3E-06	1.2E-06	5.5E-07	3.0E-08	1.8E-07	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.1E-07
292	UCART3	479219.28	3733345.39	479219.28	0.47152	0.43063	0.01752	0.08185	0.0628	0.01866	1.40E-03	1.33E-03	5.44E-05	1.32E-06	2.92E-07	3.76E-08	2.79E-03	9.7E-07	2.9E-06	1.7E-06	1.5E-06	7.0E-07	3.8E-08	2.3E-07	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.7E-07
293	UCART3	479269.28	3733345.39	479269.28	0.59468	0.59215	0.01791	0.09471	0.07082	0.0191	1.77E-03	1.83E-03	5.56E-05	1.53E-06	3.29E-07	3.85E-08	3.66E-03	1.3E-06	3.8E-06	2.2E-06	2.0E-06	9.2E-07	5.0E-08	3.1E-07	0.0E+00	0.0E+00	0.0E+00	0.0E+00	3.6E-07
294	UCART3	478819.28	3733395.39	478819.28	0.11006	0.10306	0.01499	0.03923	0.0338	0.01584	3.27E-04	3.19E-04	4.65E-05	6.34E-07	1.57E-07	3.19E-08	6.93E-04	2.4E-07	7.2E-07	4.2E-07	3.8E-07	1.7E-07	9.4E-09	5.8E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	6.8E-08
295	UCART3	478869.28	3733395.39	478869.28	0.12365	0.11579	0.01537	0.04186	0.03578	0.01615	3.67E-04	3.59E-04	4.74E-05	6.76E-07	1.66E-07	3.24E-08	7.74E-04	2.7E-07	8.1E-07	4.7E-07	4.2E-07	1.9E-07	1.1E-08	6.5E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	7.5E-08
296	UCART3	478919.28	3733395.39	478919.28	0.14022	0.132	0.01568	0.04519	0.0384	0.0166	4.17E-04	4.09E-04	4.87E-05	7.30E-07	1.79E-07	3.35E-08	8.75E-04	3.0E-07	9.1E-07	5.3E-07	4.8E-07	2.2E-07	1.2E-08	7.3E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	8.5E-08
297	UCART3	478969.28	3733395.39	478969.28	0.16101	0.15232	0.01597	0.0488	0.04108	0.01693	4.78E-04	4.72E-04	4.95E-05	7.88E-07	1.91E-07	3.41E-08	1.00E-03	3.5E-07	1.0E-06	6.1E-07	5.5E-07	2.5E-07	1.4E-08	8.4E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	9.7E-08
298	UCART3	479019.28	3733395.39	479019.28	0.1872	0.17878	0.01627	0.05307	0.0442	0.01727	5.56E-04	5.54E-04	5.05E-05	8.57E-07	2.05E-07	3.48E-08	1.16E-03	4.0E-07	1.2E-06	7.0E-07	6.4E-07	2.9E-07	1.6E-08	9.7E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.1E-07
299	UCART3	479069.28	3733395.39	479069.28	0.22052	0.21418	0.0166	0.05824	0.04796	0.01764	6.55E-04	6.63E-04	5.15E-05	9.41E-07	2.23E-07	3.56E-08	1.37E-03	4.7E-07	1.4E-06	8.3E-07	7.5E-07	3.4E-07	1.9E-08	1.1E-07	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.3E-07
300	UCART3	479119.28	3733395.39	479119.28	0.26324	0.26273	0.01687	0.06431	0.05219	0.01796	7.82E-04	8.13E-04	5.23E-05	1.04E-06	2.43E-07	3.62E-08	1.65E-03	5.7E-07	1.7E-06	1.0E-06	9.0E-07	4.1E-07	2.2E-08	1.4E-07	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.6E-07
301	UCART3	479169.28	3733395.39	479169.28	0.31737	0.33273	0.01722	0.07209	0.05763	0.01834	9.43E-04	1.03E-03	5.34E-05	1.16E-06	2.68E-07	3.70E-08	2.03E-03	7.0E-07	2.1E-06	1.2E-06	1.1E-06	5.1E-07	2.8E-08	1.7E-07	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.0E-07
302	UCART3	479219.28	3733395.39	479219.28	0.38404	0.43879	0.01758	0.08196	0.06442	0.01873	1.14E-03	1.36E-03	5.45E-05	1.32E-06	2.99E-07	3.78E-08	2.56E-03	8.8E-07	2.7E-06	1.5E-06	1.4E-06	6.4E-07	3.5E-08	2.1E-07	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.5E-07
303	UCART3	479269.28	3733395.39	479269.28	0.46018	0.61364	0.01797	0.09498	0.07327	0.01918	1.37E-03	1.90E-03	5.58E-05	1.53E-06	3.41E-07	3.87E-08	3.32E-03	1.2E-06	3.5E-06	2.0E-06	1.8E-06	8.3E-07	4.5E-08	2.8E-07	0.0E+00	0.0E+00	0.0E+00	0.0E+00	3.2E-07
304	UCART3	478919.28	3733445.39	478919.28	0.1317	0.13074	0.0157	0.04502	0.03854	0.01668	3.91E-04	4.05E-04	4.87E-05	7.27E-07	1.79E-07	3.36E-08	8.46E-04	2.9E-07	8.8E-07	5.1E-07	4.6E-07	2.1E-07	1.2E-08	7.1E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	8.2E-08
305	UCART3	478969.28	3733445.39	478969.28	0.14958	0.1507	0.01601	0.0486	0.04126	0.01703	4.44E-04	4.67E-04	4.97E-05	7.85E-07	1.92E-07	3.43E-08	9.62E-04	3.3E-07	1.0E-06	5.8E-07	5.3E-07	2.4E-07	1.3E-08	8.1E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	9.4E-08
306	UCART3	479019.28	3733445.39	479019.28	0.17154	0.17666	0.01633	0.05284	0.04447	0.01738	5.10E-04	5.47E-04	5.07E-05	8.54E-07	2.07E-07	3.50E-08	1.11E-03	3.8E-07	1.2E-06	6.7E-07	6.1E-07	2.8E-07	1.5E-08	9.3E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.1E-07
307	UCART3	479069.28	3733445.39	479069.28	0.1986	0.21136	0.01666	0.05795	0.0483	0.01774	5.90E-04	6.54E-04	5.17E-05	9.36E-07	2.25E-07	3.58E-08	1.30E-03	4.5E-07	1.4E-06	7.8E-07	7.1E-07	3.2E-07	1.8E-08	1.1E-07	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.3E-07
308	UCART3	479119.28	3733445.39	479119.28	0.23192	0.25923	0.0169	0.06396	0.05267	0.01799	6.89E-04	8.03E-04	5.24E-05	1.03E-06	2.45E-07	3.63E-08	1.55E-03	5.3E-07	1.6E-06	9.4E-07	8.5E-07	3.9E-07	2.1E-08	1.3E-07	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.5E-07
309	UCART3	479169.28	3733445.39	479169.28	0.272	0.32833	0.01725	0.0717	0.05837	0.01838	8.08E-04	1.02E-03	5.35E-05	1.16E-06	2.71E-07	3.71E-08	1.88E-03	6.5E-07	2.0E-06	1.1E-06	1.0E-06	4.7E-07	2.6E-08	1.6E-07	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.8E-07
310	UCART3	479219.28	3733445.39	479219.28	0.31837	0.43364	0.01762	0.08157	0.0656	0.0188	9.46E-04	1.34E-03	5.47E-05	1.32E-06	3.05E-07	3.79E-08	2.34E-03	8.1E-07	2.5E-06	1.4E-06	1.3E-06	5.9E-07	3.2E-08	2.0E-07	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.3E-07
311	UCART3	479269.28	3733445.39	479269.28	0.36784	0.60714	0.01801	0.09457	0.07511	0.01925	1.09E-03	1.88E-03	5.59E-05	1.53E-06	3.49E-07	3.88E-08	3.03E-03	1.0E-06	3.2E-06	1.8E-06	1.7E-06	7.6E-07	4.1E-08	2.5E-07	0.0E+00	0.0E+00	0.0E+00	0.0E+00	3.0E-07
312	UCART3	478919.28	3733495.39	478919.28	0.12353	0.12865	0.01572	0.04478	0.03865	0.01669	3.67E-04	3.98E-04	4.88E-05	7.23E-07	1.80E-07	3.36E-08	8.15E-04	2.8E-07	8.5E-07	4.9E-07	4.5E-07	2.0E-07	1.1E-08	6.8E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	7.9E-08
313	UCART3	478969.28	3733495.39	478969.28	0.13884	0.14794	0.01603	0.04829	0.04138	0.01703	4.13E-04	4.58E-04	4.97E-05	7.80E-07	1.92E-07	3.43E-08	9.21E-04	3.2E-07	9.6E-07	5.6E-07	5.1E-07	2.3E-07	1.3E-08	7.7E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	9.0E-08
314	UCART3	479019.28	3733495.39	479019.28	0.15721	0.1729	0.01635	0.05244	0.04459	0.01739	4.67E-04	5.35E-04	5.07E-05	8.47E-07	2.07E-07	3.51E-08	1.05E-03	3.6E-07	1.1E-06	6.4E-07	5.8E-07	2.6E-07	1.4E-08	8.8E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.0E-07
315	UCART3	479069.28	3733495.39	479069.28	0.17918	0.20609	0.01667	0.05744	0.04845	0.01776	5.32E-04	6.38E-04	5.17E-05	9.28E-07	2.25E-07	3.58E-08	1.22E-03	4.2E-07	1.3E-06	7.4E-07	6.7E-07	3.1E-07	1.7E-08	1.0E-07	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.2E-07
316	UCART3	479119.28	3733495.39	479119.28	0.20527	0.25161	0.01694	0.06337	0.05294	0.01801	6.10E-04	7.79E-04	5.26E-05	1.02E-06	2.46E-07	3.63E-08	1.44E-03	5.0E-07	1.5E-06	8.7E-07	7.9E-07	3.6E-07	2.0E-08	1.2E-07	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.4E-07
317	UCART3	479169.28	3733495.39	479169.28	0.2353	0.31675	0.01729	0.07096	0.05878	0.01841	6.99E-04	9.81E-04	5.36E-05	1.15E-06	2.73E-07	3.71E-08	1.73E-03	6.0E-07	1.8E-06	1.0E-06	9.5E-07	4.3E-07	2.4E-08	1.5E-07	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.7E-07
318	UCART3	479219.28	3733495.39	479219.28	0.26833	0.41491	0.01766	0.08065	0.06626	0.01883	7.97E-04	1.28E-03	5.48E-05	1.30E-06	3.08E-07	3.80E-08	2.14E-03	7.4E-07	2.2E-06	1.3E-06	1.2E-06	5.4E-07	2.9E-08	1.8E-07	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.1E-07
319	UCART3	479269.28	3733495.39	479269.28	0.3018	0.57311	0.01806	0.0934	0.07616	0.01928	8.97E-04	1.71E-03	5.60E-05	1.51E-06	3.54E-07	3.85E-08	2.73E-03	9.4E-07	2.9E-06	1.7E-06	1.5E-06	6.8E-07	3.7E-08	2.3E-07	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.7E-07
320	UCART3	478869.28	3733545.39	478869.28	0.10452	0.1111	0.01547	0.04159	0.03639	0.01641	3.11E-04	3.44E-04	4.80E-05	6.72E-07	1.69E-07	3.31E-08	7.03E-04	2.4E-07	7.4E-07	4.3E-07	3.9E-07	1.8E-07	9.6E-09	5.9E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	6.8E-08
321	UCART3	478919.28	3733545.39	478919.28	0.11575	0.12572	0.01574	0.0445	0.0387	0.01671	3.44E-04	3.89E-04	4.88E-05	7.19E-07	1.80E-07	3.37E-08	7.83E-04	2.7E-07	8.2E-07	4.7E-07	4.3E-07	2.0E-07	1.1E-08	6.6E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	7.6E-08
322	UCART3	478969.28	3733545.39	478969.28	0.12889	0.14407	0.01604	0.04791	0.0414	0.01704	3.83E-04	4.46E-04	4.98E-05	7.74E-07	1.92E-07	3.43E-08	8.80E-04	3.0E-07	9.2E-07	5.3E-07	4.8E-07	2.2E-07	1.2E-08	7.4E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	8.6E-08
323	UCART3	479019.28	3733545.39	479019.28	0.14424	0.16761	0.01635	0.05196	0.04463	0.01739	4.29E-04	5.19E-04	5.07E-05	8.39E-07	2.07E-07	3.51E-08	9.99E-04	3.5E-07	1.0E-06	6.0E-07	5.5E-07	2.5E-07	1.4E-08	8.4E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	9.7E-08
324	UCART3	479069.28	3733545.39	479069.28	0.16213	0.1986	0.01668	0.05681	0.04848	0.01776	4.82E-04	6.15E-04	5.18E-05	9.18E-07	2.25E-07	3.58E-08	1.15E-03	4.0E-07	1.2E-06	7.0E-07	6.3E-07	2.9E-07	1.6E-08	9.6E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.1E-07
325	UCART3	479119.28	3733545.39	479119.28	0.18269	0.24061	0.017	0.06258	0.05301	0.01807	5.43E-04	7.45E-04	5.27E-05	1.01E-06	2.46E-07	3.64E-08	1.34E-03	4.6E-07	1.4E-06	8.1E-07	7.4E-07	3.4E-07	1.8E-08	1.1E-07	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.3E-07
326	UCART3	479169.28	3733545.39	479169.28	0.20546	0.29971	0.01736	0.06996	0.05891	0.01847	6.10E-04	9.28E-04	5.39E-05	1.13E-06	2.74E-07	3.72E-08	1.59E-03	5.5E-07	1.7E-06	9.6E-07	8.7E-07	4.0E-07	2.2E-08	1.3E-07	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.6E-07
327	UCART3	479219.28	3733545.39	479219.28	0.22952	0.38662	0.01771	0.07933	0.06645	0.01888	6.82E-04	1.20E-03	5.49E-05	1.28E-06	3.09E-07	3.81E-08	1.94E-03	6.7E-07	2.0E-06	1.2E-06	1.1E-06	4.8E-07	2.6E-08	1.6E-07	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.9E-07
328	UCART3	479269.28	3733545.39	479269.28	0.25292	0.52168	0.01813	0.09163	0.07649	0.01935	7.51E-04	1.62E-03	5.63E-05	1.48E-06	3.56E-07	3.90E-08	2.42E-03	8.4E-07	2.5E-06	1.5E-06	1.3E-06	6.1E-07	3.3E-08	2.0E-07	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.4E-07
329	UCART3	478719.28	3733595.39	478719.28	0.07674	0.08016	0.0146	0.03458	0.03084	0.01543	2.28E-04	2.48E-04	4.53E-05	5.59E-07	1.43E-07	3.11E-08	5.22E-04	1.8E-07	5.5E-07	3.2E-07	2.9E-07	1.3E-07	7.1E-09	4.4E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	5.1E-08
330	UCART3	478769.28	3733595.39	478769.28	0.08302	0.08705	0.01543	0.03655	0.03248	0.01579	2.47E-04	2.72E-04	4.63E-05	5.90E-07	1.51E-07	3.18E-08	5.66E-04	2.0E-07	5.9E-07	3.4E-07	3.1E-07	1.4E-07	7.7E-09	4.7E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	5.5E-08
331	UCART3	478819.28	3733595.39	478819.28	0.09026	0.09706	0.01519	0.03874	0.03429	0.01611	2.68E-04	3.01E-04	4.71E-05	6.26E-07	1.59E-07	3.25E-08	6.17E-04	2.1E-07	6.4E-07	3.7E-07	3.4E-07	1.5E-07	8.4E-09	5.2E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	6.0E-08
332	UCART3	478869.28	3733595.39	478869.28	0.09865	0.10825	0.01547	0.04124	0.03632	0.01643	2.93E-04	3.35E-04	4.80E-05	6.66E-07	1.69E-07	3.31E-08	6.77E-04	2.3E-07	7.1E-07	4.1E-07	3.7E-07	1.7E-07	9.2E-09	5.7E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	6.6E-08
333	UCART3	478919.28	3733595.39	478919.28	0.1085	0.1221	0.01575	0.04408	0.03862	0.01672	3.22E-04	3.78E-04	4.89E-05	7.12E-07	1.80E-07	3.37E-08	7.50E-04	2.6E-07	7.8E-07	4.5E-07	4.1E-07	1.9E-07	1.0E-08	6.3E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	7.3E-08
334	UCART3	478969.28	3733595.39	478969.28	0.11975	0.13928	0.01604	0.04739	0.04129	0.01703	3.56E-04	4.31E-04	4.98E-05	7.66E-07	1.92E-07	3.43E-08	8.38E-04	2.9E-07	8.8E-07	5.1E-07	4.6E-07	2.1E-07	1.1E-08	7.0E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	8.2E-08
335	UCART3	479019.28	3733595.39	479019.28	0.13262	0.1611	0.01636	0.05132	0.04449	0.01739	3.94E-04	4.99E-04	5.08E-05	8.29E-07	2.07E-07	3.51E-08	9.45E-04	3.3E-07	9.9E-07	5.7E-07	5.2E-07	2.4E-07	1.3E-08	7.9E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	9.2E-08
336	UCART3	479069.28	3733595.39	479069.28	0.14723	0.18947	0.01668	0.05602	0.04831	0.01776	4.37E-04	5.87E-04	5.18E-05	9.05E-07	2.25E-07	3.58E-08	1.08E-03	3.7E-07	1.1E-06	6.5E-07	5.9E-07	2.7E-07	1.5E-08	9.0E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.0E-07
337	UCART3	479119.28	3733595.39	479119.28	0.16354	0.22731	0.01702	0.06159	0.05284	0.01813	4.86E-04	7.04E-04	5.28E-05	9.95E-07	2.46E-07	3.65E-08	1.24E-03	4.3E-07	1.3E-06	7.5E-07	6.8E-07	3.1E-07	1.7E-08	1.0E-07	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.2E-07
338	UCART3	479169.28	3733595.39	479169.28	0.18104	0.27937	0.01737	0.06864	0.05866	0.01854	5.38E-04

416	UCART3	478269.28	3733845.39	478269.28	0.03977	0.04126	0.01256	0.02327	0.0216	0.01318	1.18E-04	1.28E-04	3.90E-05	3.76E-07	1.00E-07	2.66E-08	2.85E-04	9.9E-08	3.0E-07	1.7E-07	1.6E-07	7.1E-08	3.9E-09	2.4E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.8E-08
417	UCART3	478319.28	3733845.39	478319.28	0.04157	0.04333	0.01276	0.02404	0.02227	0.0134	1.24E-04	1.34E-04	3.96E-05	3.88E-07	1.04E-07	2.70E-08	2.98E-04	1.0E-07	3.1E-07	1.8E-07	1.6E-07	7.5E-08	4.0E-09	2.5E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.9E-08
418	UCART3	478369.28	3733845.39	478369.28	0.04352	0.04561	0.01295	0.02486	0.02298	0.0136	1.29E-04	1.41E-04	4.02E-05	4.02E-07	1.07E-07	2.74E-08	3.11E-04	1.1E-07	3.3E-07	1.9E-07	1.7E-07	7.8E-08	4.2E-09	2.6E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	3.0E-08
419	UCART3	478419.28	3733845.39	478419.28	0.04561	0.0481	0.01316	0.02575	0.02375	0.01382	1.36E-04	1.49E-04	4.08E-05	4.16E-07	1.10E-07	2.79E-08	3.26E-04	1.1E-07	3.4E-07	2.0E-07	1.8E-07	8.2E-08	4.4E-09	2.7E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	3.2E-08
420	UCART3	478469.28	3733845.39	478469.28	0.04787	0.05086	0.01338	0.02671	0.02459	0.01407	1.42E-04	1.57E-04	4.15E-05	4.31E-07	1.14E-07	2.84E-08	3.42E-04	1.2E-07	3.6E-07	2.1E-07	1.9E-07	8.6E-08	4.6E-09	2.9E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	3.3E-08
421	UCART3	478519.28	3733845.39	478519.28	0.05034	0.05396	0.01359	0.02775	0.02549	0.0143	1.50E-04	1.67E-04	4.22E-05	4.48E-07	1.18E-07	2.88E-08	3.59E-04	1.2E-07	3.8E-07	2.2E-07	2.0E-07	9.0E-08	4.9E-09	3.0E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	3.5E-08
422	UCART3	478569.28	3733845.39	478569.28	0.05303	0.05741	0.01382	0.02888	0.02648	0.01455	1.58E-04	1.78E-04	4.29E-05	4.67E-07	1.23E-07	2.93E-08	3.79E-04	1.3E-07	4.0E-07	2.3E-07	2.1E-07	9.5E-08	5.2E-09	3.2E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	3.7E-08
423	UCART3	478619.28	3733845.39	478619.28	0.05596	0.06131	0.01406	0.03012	0.02755	0.01481	1.66E-04	1.90E-04	4.36E-05	4.87E-07	1.28E-07	2.99E-08	4.00E-04	1.4E-07	4.2E-07	2.4E-07	2.2E-07	1.0E-07	5.4E-09	3.4E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	3.9E-08
424	UCART3	478669.28	3733845.39	478669.28	0.05913	0.06569	0.01431	0.03149	0.02874	0.01509	1.76E-04	2.03E-04	4.44E-05	5.09E-07	1.34E-07	3.04E-08	4.24E-04	1.5E-07	4.4E-07	2.6E-07	2.3E-07	1.1E-07	5.8E-09	3.6E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	4.1E-08
425	UCART3	478719.28	3733845.39	478719.28	0.06265	0.07073	0.01456	0.03298	0.03002	0.01536	1.86E-04	2.19E-04	4.52E-05	5.33E-07	1.40E-07	3.10E-08	4.51E-04	1.6E-07	4.7E-07	2.7E-07	2.5E-07	1.1E-07	6.1E-09	3.8E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	4.4E-08
426	UCART3	478769.28	3733845.39	478769.28	0.06647	0.07648	0.01482	0.03464	0.03147	0.01565	1.97E-04	2.37E-04	4.60E-05	5.60E-07	1.46E-07	3.15E-08	4.81E-04	1.7E-07	5.0E-07	2.9E-07	2.6E-07	1.2E-07	6.5E-09	4.0E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	4.7E-08
427	UCART3	478819.28	3733845.39	478819.28	0.07065	0.08314	0.01509	0.03649	0.03307	0.01594	2.10E-04	2.57E-04	4.68E-05	5.89E-07	1.54E-07	3.21E-08	5.15E-04	1.8E-07	5.4E-07	3.1E-07	2.8E-07	1.3E-07	7.0E-09	4.3E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	5.0E-08
428	UCART3	478869.28	3733845.39	478869.28	0.07516	0.09086	0.01538	0.03858	0.0349	0.01627	2.23E-04	2.81E-04	4.77E-05	6.23E-07	1.62E-07	3.28E-08	5.53E-04	1.9E-07	5.8E-07	3.3E-07	3.0E-07	1.4E-07	7.5E-09	4.6E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	5.4E-08
429	UCART3	478919.28	3733845.39	478919.28	0.0801	0.09996	0.01566	0.04091	0.03693	0.01657	2.38E-04	3.10E-04	4.86E-05	6.61E-07	1.72E-07	3.34E-08	5.97E-04	2.1E-07	6.2E-07	3.6E-07	3.3E-07	1.5E-07	8.1E-09	5.0E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	5.8E-08
430	UCART3	478969.28	3733845.39	478969.28	0.08534	0.11067	0.01597	0.04359	0.03928	0.01692	2.54E-04	3.43E-04	4.95E-05	7.04E-07	1.83E-07	3.41E-08	6.47E-04	2.2E-07	6.8E-07	3.9E-07	3.5E-07	1.6E-07	8.8E-09	5.4E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	6.3E-08
431	UCART3	479019.28	3733845.39	479019.28	0.09086	0.1234	0.01628	0.04666	0.042	0.01727	2.70E-04	3.82E-04	5.05E-05	7.54E-07	1.95E-07	3.48E-08	7.04E-04	2.4E-07	7.4E-07	4.3E-07	3.9E-07	1.8E-07	9.6E-09	5.9E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	6.8E-08
432	UCART3	479069.28	3733845.39	479069.28	0.09654	0.13864	0.01661	0.05023	0.04519	0.01764	2.87E-04	4.29E-04	5.15E-05	8.11E-07	2.10E-07	3.56E-08	7.69E-04	2.7E-07	8.0E-07	4.7E-07	4.2E-07	1.9E-07	1.0E-08	6.4E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	7.5E-08
433	UCART3	479119.28	3733845.39	479119.28	0.10224	0.15698	0.01695	0.05442	0.04895	0.01802	3.04E-04	4.86E-04	5.26E-05	8.79E-07	2.28E-07	3.63E-08	8.44E-04	2.9E-07	8.8E-07	5.1E-07	4.6E-07	2.1E-07	1.1E-08	7.1E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	8.2E-08
434	UCART3	479169.28	3733845.39	479169.28	0.10773	0.17908	0.01731	0.05939	0.05348	0.01841	3.20E-04	5.54E-04	5.37E-05	9.59E-07	2.49E-07	3.71E-08	9.30E-04	3.2E-07	9.7E-07	5.6E-07	5.1E-07	2.3E-07	1.3E-08	7.8E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	9.1E-08
435	UCART3	479219.28	3733845.39	479219.28	0.11276	0.20563	0.01768	0.06537	0.05902	0.01882	3.35E-04	6.37E-04	5.49E-05	1.06E-06	2.74E-07	3.79E-08	1.03E-03	3.6E-07	1.1E-06	6.2E-07	5.6E-07	2.6E-07	1.4E-08	8.6E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.0E-07
436	UCART3	479269.28	3733845.39	479269.28	0.11705	0.23713	0.01807	0.07272	0.06595	0.01926	3.48E-04	7.34E-04	5.61E-05	1.17E-06	3.07E-07	3.88E-08	1.14E-03	3.9E-07	1.2E-06	6.9E-07	6.3E-07	2.9E-07	1.5E-08	9.5E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.1E-07
437	UCART3	479319.28	3733845.39	479319.28	0.12043	0.26478	0.01842	0.08292	0.07467	0.01973	3.61E-04	8.39E-04	5.73E-05	1.29E-06	3.44E-07	3.96E-08	1.26E-03	4.2E-07	1.3E-06	7.6E-07	6.9E-07	3.2E-07	1.6E-08	1.0E-07	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.2E-07
438	UCART3	479419.28	3733845.39	479419.28	0.04443	0.04721	0.01314	0.02556	0.02364	0.01381	1.32E-04	1.46E-04	4.08E-05	4.13E-07	1.10E-07	2.78E-08	3.19E-04	1.1E-07	3.3E-07	1.9E-07	1.8E-07	8.0E-08	4.3E-09	2.7E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	3.1E-08
439	UCART3	478469.28	3733845.39	478469.28	0.04658	0.0499	0.01336	0.02649	0.02445	0.01405	1.38E-04	1.55E-04	4.15E-05	4.28E-07	1.14E-07	2.83E-08	3.35E-04	1.2E-07	3.5E-07	2.0E-07	1.8E-07	8.4E-08	4.6E-09	2.8E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	3.3E-08
440	UCART3	478519.28	3733845.39	478519.28	0.0489	0.05285	0.01358	0.0275	0.02533	0.01428	1.45E-04	1.64E-04	4.21E-05	4.44E-07	1.18E-07	2.88E-08	3.52E-04	1.2E-07	3.7E-07	2.1E-07	1.9E-07	8.8E-08	4.8E-09	2.9E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	3.4E-08
441	UCART3	478569.28	3733845.39	478569.28	0.05138	0.05614	0.01381	0.0286	0.02629	0.01453	1.53E-04	1.74E-04	4.28E-05	4.62E-07	1.22E-07	2.93E-08	3.70E-04	1.3E-07	3.9E-07	2.2E-07	2.0E-07	9.3E-08	5.0E-09	3.1E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	3.6E-08
442	UCART3	478619.28	3733845.39	478619.28	0.05407	0.05981	0.01405	0.02981	0.02735	0.01479	1.61E-04	1.85E-04	4.36E-05	4.82E-07	1.27E-07	2.98E-08	3.90E-04	1.4E-07	4.1E-07	2.4E-07	2.1E-07	9.8E-08	5.3E-09	3.3E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	3.8E-08
443	UCART3	478669.28	3733845.39	478669.28	0.05699	0.06395	0.01429	0.03112	0.0285	0.01507	1.69E-04	1.98E-04	4.43E-05	5.03E-07	1.32E-07	3.04E-08	4.12E-04	1.4E-07	4.3E-07	2.5E-07	2.3E-07	1.0E-07	5.6E-09	3.5E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	4.0E-08
444	UCART3	478719.28	3733845.39	478719.28	0.0602	0.06867	0.01453	0.03256	0.02975	0.01532	1.79E-04	2.13E-04	4.51E-05	5.26E-07	1.38E-07	3.09E-08	4.37E-04	1.5E-07	4.6E-07	2.6E-07	2.4E-07	1.1E-07	5.9E-09	3.7E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	4.3E-08
445	UCART3	478769.28	3733845.39	478769.28	0.06365	0.07403	0.0148	0.03416	0.03115	0.01561	1.89E-04	2.29E-04	4.59E-05	5.52E-07	1.45E-07	3.15E-08	4.65E-04	1.6E-07	4.9E-07	2.8E-07	2.6E-07	1.2E-07	6.3E-09	3.9E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	4.5E-08
446	UCART3	478819.28	3733845.39	478819.28	0.06739	0.08016	0.01507	0.03593	0.0327	0.01591	2.00E-04	2.48E-04	4.68E-05	5.80E-07	1.52E-07	3.21E-08	4.96E-04	1.7E-07	5.2E-07	3.0E-07	2.7E-07	1.2E-07	6.7E-09	4.2E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	4.8E-08
447	UCART3	478869.28	3733845.39	478869.28	0.0714	0.08722	0.01536	0.03792	0.03446	0.01623	2.12E-04	2.70E-04	4.77E-05	6.13E-07	1.60E-07	3.27E-08	5.31E-04	1.8E-07	5.5E-07	3.2E-07	2.9E-07	1.3E-07	7.2E-09	4.4E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	5.2E-08
448	UCART3	478919.28	3733845.39	478919.28	0.07574	0.09546	0.01563	0.04013	0.0364	0.01653	2.25E-04	2.96E-04	4.85E-05	6.48E-07	1.69E-07	3.33E-08	5.70E-04	2.0E-07	6.0E-07	3.4E-07	3.1E-07	1.4E-07	7.8E-09	4.8E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	5.5E-08
449	UCART3	478969.28	3733845.39	478969.28	0.08027	0.10502	0.01594	0.04266	0.03865	0.01687	2.38E-04	3.25E-04	4.95E-05	6.89E-07	1.80E-07	3.40E-08	6.14E-04	2.1E-07	6.4E-07	3.7E-07	3.4E-07	1.5E-07	8.4E-09	5.1E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	6.0E-08
450	UCART3	479019.28	3733845.39	479019.28	0.08498	0.11623	0.01625	0.04554	0.04123	0.01722	2.52E-04	3.60E-04	5.04E-05	7.36E-07	1.92E-07	3.47E-08	6.64E-04	2.3E-07	6.9E-07	4.0E-07	3.6E-07	1.7E-07	9.0E-09	5.6E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	6.5E-08
451	UCART3	479069.28	3733845.39	479069.28	0.08975	0.12943	0.01658	0.04887	0.04423	0.01759	2.67E-04	4.01E-04	5.14E-05	7.89E-07	2.06E-07	3.55E-08	7.20E-04	2.5E-07	7.5E-07	4.4E-07	3.9E-07	1.8E-07	9.8E-09	6.0E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	7.0E-08
452	UCART3	479119.28	3733845.39	479119.28	0.09448	0.14501	0.01691	0.05272	0.04773	0.01796	2.81E-04	4.49E-04	5.25E-05	8.52E-07	2.22E-07	3.62E-08	7.83E-04	2.7E-07	8.2E-07	4.7E-07	4.3E-07	2.0E-07	1.1E-08	6.6E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	7.6E-08
453	UCART3	479169.28	3733845.39	479169.28	0.09895	0.16335	0.01727	0.05725	0.0519	0.01835	2.94E-04	5.06E-04	5.36E-05	9.25E-07	2.41E-07	3.70E-08	8.55E-04	3.0E-07	8.9E-07	5.2E-07	4.7E-07	2.1E-07	1.2E-08	7.2E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	8.3E-08
454	UCART3	479219.28	3733845.39	479219.28	0.10299	0.18479	0.01763	0.06264	0.05694	0.01876	3.06E-04	5.72E-04	5.47E-05	1.01E-06	2.65E-07	3.78E-08	9.34E-04	3.2E-07	9.8E-07	5.7E-07	5.1E-07	2.3E-07	1.3E-08	7.8E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	9.1E-08
455	UCART3	479269.28	3733845.39	479269.28	0.10637	0.20939	0.01803	0.06917	0.06318	0.01921	3.16E-04	6.48E-04	5.59E-05	1.12E-06	2.94E-07	3.87E-08	1.02E-03	3.5E-07	1.1E-06	6.2E-07	5.6E-07	2.6E-07	1.4E-08	8.6E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	9.9E-08
456	UCART3	478569.28	3733845.39	478569.28	0.04974	0.05479	0.01378	0.02831	0.0261	0.01451	1.48E-04	1.70E-04	4.28E-05	4.57E-07	1.21E-07	2.92E-08	3.61E-04	1.2E-07	3.8E-07	2.2E-07	2.0E-07	9.0E-08	4.9E-09	3.0E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	3.5E-08
457	UCART3	478619.28	3733845.39	478619.28	0.05225	0.0583	0.01402	0.02947	0.02712	0.01477	1.55E-04	1.81E-04	4.35E-05	4.76E-07	1.26E-07	2.98E-08	3.80E-04	1.3E-07	4.0E-07	2.3E-07	2.1E-07	9.5E-08	5.2E-09	3.2E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	3.7E-08
458	UCART3	478669.28	3733845.39	478669.28	0.05497	0.06222	0.01426	0.03073	0.02823	0.01503	1.63E-04	1.93E-04	4.42E-05	4.96E-07	1.31E-07	3.03E-08	4.01E-04	1.4E-07	4.2E-07	2.4E-07	2.2E-07	1.0E-07	5.5E-09	3.4E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	3.9E-08
459	UCART3	478719.28	3733845.39	478719.28	0.05787	0.06661	0.01451	0.03212	0.02945	0.0153	1.72E-04	2.06E-04	4.50E-05	5.19E-07	1.37E-07	3.08E-08	4.24E-04	1.5E-07	4.4E-07	2.6E-07	2.3E-07	1.1E-07	5.8E-09	3.6E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	4.1E-08
460	UCART3	478769.28	3733845.39	478769.28	0.061	0.07157	0.01477	0.03365	0.0308	0.01558	1.81E-04	2.22E-04	4.58E-05	5.44E-07	1.43E-07	3.14E-08	4.49E-04	1.6E-07	4.7E-07	2.7E-07	2.5E-07	1.1E-07	6.1E-09	3.8E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	4.4E-08
461	UCART3	478819.28	3733845.39	478819.28	0.06443	0.07599	0.01504	0.03515	0.03231	0.01588	1.91E-04	2.39E-04	4.67E-05	5.71E-07	1.50E-07	3.20E-08	4.78E-04	1.7E-07	5.0E-07	2.9E-07	2.6E-07	1.2E-07	6.5E-09	4.0E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	4.7E-08
462	UCART3	478869.28	3733845.39	478869.28	0.06793	0.08366	0.01532	0.03723	0.03398	0.01618	2.02E-04	2.59E-04	4.75E-05	6.01E-07	1.58E-07	3.26E-08	5.09E-04	1.8E-07	5.3E-07	3.1E-07	2.8E-07	1.3E-07	6.9E-09	4.3E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	5.0E-08
463	UCART3	478919.28	3733845.39	478919.28	0.07173	0.09106	0.0156	0.03933	0.03585	0.01649	2.13E-04	2.82E-04	4.84E-05	6.35E-07	1.67E-07	3.32E-08	5.44E-04	1.9E-07	5.7E-07	3.3E-07	3.0E-07	1.4E-07	7.4E-09	4.6E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	5.3E-08
464	UCART3	478969.28	3733845.39	478969.28	0.07566	0.09958	0.0159	0.04171	0.03798	0.01682	2.25E-04	3.08E-04	4.93E-05	6.74E-07	1.77E-07	3.39E-08	5.83E-04	2.0E-07	6.1E-07	3.5E-07	3.2E-07	1.5E-07	7.9E-09	4.9E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	5.7E-08
465	UCART3	479019.28	3733845.39	479019.28	0.07968	0.10941	0.01622	0.04441	0.04042	0.01718	2.37E-04	3.39E-04	5.03E-05	7.17E-07	1.88E-07	3.46E-08	6.27E-04	2.2E-07	6.6E-07	3.8E-07	3.4E-07	1.6E-07	8.5E-09	5.3E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	6.1E-08
466	UCART3	479069.28	3733845.39	479069.28	0.08371	0.12083	0.01654	0.0475	0.04323	0.01754	2.49E-04	3.74E-04	5.13E-05	7.67E-07	2.01E-07	3.54E-08	6.75E-04	2.3E-07	7.1E-07	4.1E-07	3.7E-07	1.7E-07	9.2E-09	5.7E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	6.6E-08
467	UCART3	479119.28	3733845.39	479119.28	0.08764	0.13406	0.01688	0.05104	0.04648	0.01791	2.60E-04	4.15E-04	5.24E-05	8.25E-07	2.16E-07	3.61E-08	7.29E-04	2.5E-07	7.6E-07	4.4E-07	4.0E-07	1.8E-07	9.9E-09	6.1E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	7.1E-08
468	UCART3	479169.28	3733845.39	479169.28	0.09131	0.14931	0.01722	0.05516	0.05032	0.01829	2.71E-04	4.62E-04	5.34E-05	8.91E-07	2.34E-07	3.69E-08	7.88E-04	2.7E-07	8.2E-07	4.8E-07	4.3E-07	2.0E-07	1.1E-08	6.6E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	7.7E-08
469	UCART3	479219.28	3733845.39	479219.28	0.09458	0.16668	0.01759	0.06001	0.0549	0.0187	2.81E-04	5.16E-04	5.46E-05	9.69E-07	2.55E-07	3.77E-08	8.53E-04	3.0E-07	8.9E-07	5.2E-07	4.7E-07	2.1E-07	1.2E-08	7.1E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	8.3E-08
470	UCART3	479269.28	3733845.39	479269.28	0.09728	0.186	0.01799	0.06578	0.06045	0.01915	2.89E-04	5.76E-04	5.58E-05	1.06E-06	2.81E-07	3.86E-08	9.22E-04	3.2E-07	9.6E-07	5.6E-07	5.1E-07	2.3E-07	1.3E-08	7.7E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	9.0E-08
471	UCART3	478719.28	3733995.39	478719.28	0.05564	0.06452	0.01449	0.03167	0.02914	0.01527	1.65E-04	2.00E-04	4.50E-05	5.12E-07	1.35E-07	3.08E-08	4.11E-04	1.4E-07	4.3E-07	2.5E-07	2.3E-07	1.0E-07	5.6E-09	3.4E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	4.0E-08
472	UCART3	478769.28	3733995.39	478769.28	0.0585	0.06913	0.01475	0.03413	0.03044	0.01555	1.74E-04	2.14E-04	4.58E-05	5.35E-07	1.41E-07	3.13E-08	4.34E-04	1.5E-07	4.5E-07	2.6E-07	2.4E-07	1.1E-07	5.9E-09	3.6E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	4.2E-08
473	UCART3	478819.28	3733995.39	478819.28	0.06151	0.0743	0.01501	0.03475	0.03188	0.01584	1.83E-04	2.30E-04	4.66E-05	5.61E-07	1.48E-07	3.19E-08	4.60E-04	1.6E-07	4.8E-07	2.8E-07	2.5E-07	1.2E-07	6.3E-09	3.9E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	4.5E-08
474	UCART3	478869.28	3733995.39	478869.28	0.06471	0.08017	0.01528	0.03653	0.03347	0.01613	1.92E-04	2.48E-04	4.74E-05	5.90E-07	1.56E-07	3.25E-08	4.89E-04	1.7E-07	5.1E-07	3.0E-07	2.7E-07	1.2E-07	6.6E-09	4.1E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	4.8E-08
475	UCART3	478919.28	3733995.39	478919.28	0.06803	0.08681	0.01557	0.03853	0.03526	0.01645	2.02E-04	2.69E-04	4.83E-05	6.22E-07	1.64E-07	3.32E-08	5.20E-04	1.8E-07	5.4E-07	3.1E-07	2.9E-07	1.3E-07	7.1E-09	4.4E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	5.1E-08
476	UCART3	478969.28	3733995.39	478969.28	0.07147	0.09439	0.01586	0.04075	0.03727	0.01677	2.12E-04	2.92E-04	4.92E-05	6.58E-07	1.73E-07	3.38E-08	5.55E-04	1.9E-07	5.8E-07	3.4E-07	3.0E-07	1.4E-07	7.5E-09	4.6E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	5.4E-08
477	UCART3	479019.28	3733995.39	479019.28	0.0749	0.10301	0.01618	0.04328	0.03959	0.01713	2.23E-04	3.19E-04	5.02E-05	6.99E-07	1.84E-07	3.45E-08	5.93E-04	2.1E-07	6.2E-07	3.6E-07	3.3E-07	1.5E-07	8.1E-09	5.0E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	5.8E-08
478	UCART3	479069.28	3733995.39	479069.28	0.07833	0.11289	0.0165	0.04613	0.0422	0.01748	2.33E-04	3.50E-04	5.12E-05	7.45E-07	1.96E-07	3.52E-08	6.34E-04	2.2E-07	6.6E-07	3.8E-07	3.5E-07	1.6E-07	8.6E-09	5.3E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	6.2E-08
479	UCART3	479119.28	3733995.39	479119.28	0.08162	0.12414	0.01683	0.04938	0.04521	0.01784	2.42E-04	3.84E-04	5.22E-05	7.98E-07	2.10E-07	3.60E-08	6.80E-04	2.4E-07	7.1E-07	4.1E-07	3.7E-07	1.7E-07	9.2E-09	5.7E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	6.6E-08
480	UCART3	479169.28	3733995.39	479169.28	0.08465	0.13684	0.01718	0.05312	0.04872	0.01823	2.51E

558	UCART4	482161.01	3732099.83	482161.01	0.01627	0.01644	0.04636	0.03023	0.03215	0.05135	4.83E-05	5.09E-05	1.44E-04	4.88E-07	1.49E-07	1.04E-07	2.44E-04	8.4E-08	2.5E-07	1.5E-07	1.3E-07	6.1E-08	3.3E-09	2.0E-08	0.0E+00	0.0E+00	0.0E+00	2.4E-08
559	UCART4	482211.01	3732099.83	482211.01	0.01594	0.0161	0.0466	0.02978	0.03169	0.05127	4.74E-05	4.99E-05	1.45E-04	4.81E-07	1.47E-07	1.03E-07	2.43E-04	8.4E-08	2.5E-07	1.5E-07	1.3E-07	6.1E-08	3.3E-09	2.0E-08	0.0E+00	0.0E+00	0.0E+00	2.4E-08
560	UCART4	482261.01	3732099.83	482261.01	0.01563	0.01578	0.04675	0.02932	0.03122	0.05103	4.64E-05	4.89E-05	1.45E-04	4.74E-07	1.45E-07	1.03E-07	2.41E-04	8.3E-08	2.5E-07	1.5E-07	1.3E-07	6.0E-08	3.3E-09	2.0E-08	0.0E+00	0.0E+00	0.0E+00	2.3E-08
561	UCART4	482311.01	3732099.83	482311.01	0.01532	0.01547	0.04681	0.02886	0.03073	0.05062	4.55E-05	4.79E-05	1.45E-04	4.66E-07	1.43E-07	1.02E-07	2.39E-04	8.3E-08	2.5E-07	1.4E-07	1.3E-07	6.0E-08	3.3E-09	2.0E-08	0.0E+00	0.0E+00	0.0E+00	2.3E-08
562	UCART4	482361.01	3732099.83	482361.01	0.01503	0.01517	0.04672	0.02836	0.03021	0.04999	4.47E-05	4.70E-05	1.45E-04	4.58E-07	1.40E-07	1.01E-07	2.37E-04	8.2E-08	2.5E-07	1.4E-07	1.3E-07	5.9E-08	3.2E-09	2.0E-08	0.0E+00	0.0E+00	0.0E+00	2.3E-08
563	UCART4	482411.01	3732099.83	482411.01	0.01475	0.01489	0.04653	0.02786	0.02968	0.0492	4.38E-05	4.61E-05	1.44E-04	4.50E-07	1.38E-07	9.92E-08	2.35E-04	8.1E-08	2.5E-07	1.4E-07	1.3E-07	5.9E-08	3.2E-09	2.0E-08	0.0E+00	0.0E+00	0.0E+00	2.3E-08
564	UCART4	481711.01	3732149.83	481711.01	0.02007	0.02035	0.04375	0.03494	0.03692	0.04942	5.96E-05	6.30E-05	1.36E-04	5.64E-07	1.72E-07	9.96E-08	2.59E-04	9.0E-08	2.7E-07	1.6E-07	1.4E-07	6.5E-08	3.5E-09	2.2E-08	0.0E+00	0.0E+00	0.0E+00	2.5E-08
565	UCART4	481761.01	3732149.83	481761.01	0.01958	0.01984	0.04442	0.03456	0.03657	0.05022	5.82E-05	6.14E-05	1.38E-04	5.58E-07	1.70E-07	1.01E-07	2.58E-04	8.9E-08	2.7E-07	1.6E-07	1.4E-07	6.5E-08	3.5E-09	2.2E-08	0.0E+00	0.0E+00	0.0E+00	2.5E-08
566	UCART4	481811.01	3732149.83	481811.01	0.0191	0.01935	0.04509	0.03417	0.0362	0.05101	5.67E-05	5.99E-05	1.40E-04	5.52E-07	1.68E-07	1.03E-07	2.57E-04	8.9E-08	2.7E-07	1.6E-07	1.4E-07	6.4E-08	3.5E-09	2.2E-08	0.0E+00	0.0E+00	0.0E+00	2.5E-08
567	UCART4	481861.01	3732149.83	481861.01	0.01865	0.01888	0.04576	0.03377	0.03583	0.05179	5.54E-05	5.85E-05	1.42E-04	5.46E-07	1.67E-07	1.04E-07	2.57E-04	8.9E-08	2.7E-07	1.6E-07	1.4E-07	6.4E-08	3.5E-09	2.1E-08	0.0E+00	0.0E+00	0.0E+00	2.5E-08
568	UCART4	481911.01	3732149.83	481911.01	0.01822	0.01844	0.04638	0.03336	0.03543	0.05248	5.41E-05	5.71E-05	1.44E-04	5.39E-07	1.65E-07	1.06E-07	2.56E-04	8.9E-08	2.7E-07	1.5E-07	1.4E-07	6.4E-08	3.5E-09	2.1E-08	0.0E+00	0.0E+00	0.0E+00	2.5E-08
569	UCART4	481961.01	3732149.83	481961.01	0.01781	0.01802	0.04695	0.03292	0.03499	0.05306	5.29E-05	5.58E-05	1.46E-04	5.32E-07	1.63E-07	1.07E-07	2.55E-04	8.8E-08	2.7E-07	1.5E-07	1.4E-07	6.4E-08	3.5E-09	2.1E-08	0.0E+00	0.0E+00	0.0E+00	2.5E-08
570	UCART4	482011.01	3732149.83	482011.01	0.01742	0.01762	0.04746	0.03247	0.03454	0.05352	5.18E-05	5.46E-05	1.47E-04	5.25E-07	1.61E-07	1.08E-07	2.54E-04	8.8E-08	2.7E-07	1.5E-07	1.4E-07	6.4E-08	3.5E-09	2.1E-08	0.0E+00	0.0E+00	0.0E+00	2.5E-08
571	UCART4	482061.01	3732149.83	482061.01	0.01706	0.01724	0.0479	0.032	0.03406	0.05384	5.07E-05	5.34E-05	1.49E-04	5.17E-07	1.58E-07	1.09E-07	2.53E-04	8.8E-08	2.6E-07	1.5E-07	1.4E-07	6.3E-08	3.4E-09	2.1E-08	0.0E+00	0.0E+00	0.0E+00	2.5E-08
572	UCART4	482111.01	3732149.83	482111.01	0.0167	0.01687	0.04829	0.03153	0.03358	0.05402	4.96E-05	5.22E-05	1.50E-04	5.09E-07	1.56E-07	1.09E-07	2.52E-04	8.7E-08	2.6E-07	1.5E-07	1.4E-07	6.3E-08	3.4E-09	2.1E-08	0.0E+00	0.0E+00	0.0E+00	2.5E-08
573	UCART4	482161.01	3732149.83	482161.01	0.01635	0.01652	0.04862	0.03107	0.03311	0.05407	4.86E-05	5.12E-05	1.51E-04	5.02E-07	1.54E-07	1.09E-07	2.51E-04	8.7E-08	2.6E-07	1.5E-07	1.4E-07	6.3E-08	3.4E-09	2.1E-08	0.0E+00	0.0E+00	0.0E+00	2.4E-08
574	UCART4	482211.01	3732149.83	482211.01	0.01602	0.01618	0.04887	0.0306	0.03262	0.05394	4.76E-05	5.01E-05	1.52E-04	4.94E-07	1.52E-07	1.09E-07	2.50E-04	8.7E-08	2.6E-07	1.5E-07	1.4E-07	6.3E-08	3.4E-09	2.1E-08	0.0E+00	0.0E+00	0.0E+00	2.4E-08
575	UCART4	482261.01	3732149.83	482261.01	0.0157	0.01585	0.04902	0.03012	0.03212	0.05363	4.66E-05	4.91E-05	1.52E-04	4.87E-07	1.49E-07	1.08E-07	2.49E-04	8.6E-08	2.6E-07	1.5E-07	1.4E-07	6.2E-08	3.4E-09	2.1E-08	0.0E+00	0.0E+00	0.0E+00	2.4E-08
576	UCART4	482311.01	3732149.83	482311.01	0.01539	0.01554	0.04905	0.02962	0.0316	0.0531	4.57E-05	4.81E-05	1.52E-04	4.78E-07	1.47E-07	1.07E-07	2.47E-04	8.5E-08	2.6E-07	1.5E-07	1.4E-07	6.2E-08	3.4E-09	2.1E-08	0.0E+00	0.0E+00	0.0E+00	2.4E-08
577	UCART4	482361.01	3732149.83	482361.01	0.0151	0.01524	0.04891	0.02909	0.03103	0.05232	4.49E-05	4.72E-05	1.52E-04	4.70E-07	1.44E-07	1.05E-07	2.45E-04	8.5E-08	2.6E-07	1.5E-07	1.3E-07	6.1E-08	3.3E-09	2.0E-08	0.0E+00	0.0E+00	0.0E+00	2.4E-08
578	UCART4	482411.01	3732149.83	482411.01	0.01482	0.01496	0.04866	0.02855	0.03046	0.05139	4.40E-05	4.63E-05	1.51E-04	4.61E-07	1.42E-07	1.04E-07	2.42E-04	8.4E-08	2.5E-07	1.5E-07	1.3E-07	6.1E-08	3.3E-09	2.0E-08	0.0E+00	0.0E+00	0.0E+00	2.4E-08
579	UCART4	481711.01	3732199.83	481711.01	0.02019	0.02048	0.04576	0.03605	0.03818	0.05197	6.00E-05	6.34E-05	1.42E-04	5.82E-07	1.77E-07	1.05E-07	2.66E-04	9.2E-08	2.8E-07	1.6E-07	1.5E-07	6.7E-08	3.6E-09	2.2E-08	0.0E+00	0.0E+00	0.0E+00	2.6E-08
580	UCART4	481761.01	3732199.83	481761.01	0.01969	0.01996	0.0465	0.03565	0.0378	0.05287	5.85E-05	6.18E-05	1.44E-04	5.76E-07	1.76E-07	1.07E-07	2.65E-04	9.2E-08	2.8E-07	1.6E-07	1.5E-07	6.6E-08	3.6E-09	2.2E-08	0.0E+00	0.0E+00	0.0E+00	2.6E-08
581	UCART4	481811.01	3732199.83	481811.01	0.01921	0.01946	0.04724	0.03523	0.03741	0.05375	5.71E-05	6.03E-05	1.47E-04	5.69E-07	1.74E-07	1.08E-07	2.65E-04	9.2E-08	2.8E-07	1.6E-07	1.5E-07	6.6E-08	3.6E-09	2.2E-08	0.0E+00	0.0E+00	0.0E+00	2.6E-08
582	UCART4	481861.01	3732199.83	481861.01	0.01875	0.01899	0.04798	0.03482	0.03701	0.05462	5.57E-05	5.88E-05	1.49E-04	5.62E-07	1.72E-07	1.10E-07	2.64E-04	9.1E-08	2.8E-07	1.6E-07	1.4E-07	6.6E-08	3.6E-09	2.2E-08	0.0E+00	0.0E+00	0.0E+00	2.6E-08
583	UCART4	481911.01	3732199.83	481911.01	0.01832	0.01854	0.04863	0.03436	0.03656	0.05534	5.44E-05	5.74E-05	1.51E-04	5.55E-07	1.70E-07	1.12E-07	2.64E-04	9.1E-08	2.8E-07	1.6E-07	1.4E-07	6.6E-08	3.6E-09	2.2E-08	0.0E+00	0.0E+00	0.0E+00	2.6E-08
584	UCART4	481961.01	3732199.83	481961.01	0.01791	0.01812	0.04926	0.03391	0.03611	0.05599	5.32E-05	5.61E-05	1.53E-04	5.48E-07	1.68E-07	1.13E-07	2.63E-04	9.1E-08	2.7E-07	1.6E-07	1.4E-07	6.6E-08	3.6E-09	2.2E-08	0.0E+00	0.0E+00	0.0E+00	2.6E-08
585	UCART4	482011.01	3732199.83	482011.01	0.01751	0.01771	0.04984	0.03344	0.03564	0.05653	5.20E-05	5.48E-05	1.55E-04	5.40E-07	1.66E-07	1.14E-07	2.62E-04	9.1E-08	2.7E-07	1.6E-07	1.4E-07	6.6E-08	3.6E-09	2.2E-08	0.0E+00	0.0E+00	0.0E+00	2.6E-08
586	UCART4	482061.01	3732199.83	482061.01	0.01714	0.01732	0.05035	0.03297	0.03516	0.0569	5.09E-05	5.36E-05	1.56E-04	5.33E-07	1.63E-07	1.15E-07	2.62E-04	9.1E-08	2.7E-07	1.6E-07	1.4E-07	6.5E-08	3.6E-09	2.2E-08	0.0E+00	0.0E+00	0.0E+00	2.5E-08
587	UCART4	482111.01	3732199.83	482111.01	0.01678	0.01696	0.05077	0.03247	0.03464	0.05707	4.99E-05	5.25E-05	1.58E-04	5.25E-07	1.61E-07	1.15E-07	2.61E-04	9.0E-08	2.7E-07	1.6E-07	1.4E-07	6.5E-08	3.5E-09	2.2E-08	0.0E+00	0.0E+00	0.0E+00	2.5E-08
588	UCART4	482161.01	3732199.83	482161.01	0.01643	0.01661	0.05108	0.03197	0.03411	0.05703	4.88E-05	5.14E-05	1.58E-04	5.16E-07	1.59E-07	1.15E-07	2.60E-04	9.0E-08	2.7E-07	1.6E-07	1.4E-07	6.5E-08	3.5E-09	2.2E-08	0.0E+00	0.0E+00	0.0E+00	2.5E-08
589	UCART4	482211.01	3732199.83	482211.01	0.0161	0.01627	0.05131	0.03145	0.03357	0.0568	4.78E-05	5.04E-05	1.59E-04	5.08E-07	1.56E-07	1.14E-07	2.58E-04	8.9E-08	2.7E-07	1.6E-07	1.4E-07	6.5E-08	3.5E-09	2.2E-08	0.0E+00	0.0E+00	0.0E+00	2.5E-08
590	UCART4	482261.01	3732199.83	482261.01	0.01578	0.01594	0.05141	0.03092	0.03302	0.05636	4.69E-05	4.94E-05	1.60E-04	4.99E-07	1.53E-07	1.14E-07	2.57E-04	8.9E-08	2.7E-07	1.6E-07	1.4E-07	6.4E-08	3.5E-09	2.1E-08	0.0E+00	0.0E+00	0.0E+00	2.5E-08
591	UCART4	482311.01	3732199.83	482311.01	0.01546	0.01562	0.05141	0.03039	0.03246	0.0557	4.59E-05	4.84E-05	1.60E-04	4.91E-07	1.51E-07	1.12E-07	2.55E-04	8.8E-08	2.7E-07	1.5E-07	1.4E-07	6.4E-08	3.5E-09	2.1E-08	0.0E+00	0.0E+00	0.0E+00	2.5E-08
592	UCART4	482361.01	3732199.83	482361.01	0.01517	0.01532	0.05124	0.02983	0.03187	0.05479	4.51E-05	4.74E-05	1.59E-04	4.82E-07	1.48E-07	1.10E-07	2.52E-04	8.7E-08	2.6E-07	1.5E-07	1.4E-07	6.3E-08	3.4E-09	2.1E-08	0.0E+00	0.0E+00	0.0E+00	2.5E-08
593	UCART4	482411.01	3732199.83	482411.01	0.01488	0.01503	0.05095	0.02927	0.03127	0.0537	4.42E-05	4.65E-05	1.58E-04	4.73E-07	1.45E-07	1.08E-07	2.50E-04	8.6E-08	2.6E-07	1.5E-07	1.4E-07	6.2E-08	3.4E-09	2.1E-08	0.0E+00	0.0E+00	0.0E+00	2.4E-08
594	UCART4	481711.01	3732249.83	481711.01	0.0203	0.02059	0.04801	0.03727	0.03957	0.05488	6.03E-05	6.38E-05	1.49E-04	6.02E-07	1.84E-07	1.11E-07	2.74E-04	9.5E-08	2.9E-07	1.7E-07	1.5E-07	6.9E-08	3.7E-09	2.3E-08	0.0E+00	0.0E+00	0.0E+00	2.7E-08
595	UCART4	481761.01	3732249.83	481761.01	0.0198	0.02007	0.04882	0.03683	0.03915	0.05586	5.88E-05	6.21E-05	1.51E-04	5.95E-07	1.82E-07	1.13E-07	2.73E-04	9.5E-08	2.9E-07	1.7E-07	1.5E-07	6.8E-08	3.7E-09	2.3E-08	0.0E+00	0.0E+00	0.0E+00	2.7E-08
596	UCART4	481811.01	3732249.83	481811.01	0.01932	0.01957	0.04961	0.03639	0.03871	0.0568	5.74E-05	6.06E-05	1.54E-04	5.88E-07	1.80E-07	1.14E-07	2.73E-04	9.4E-08	2.9E-07	1.7E-07	1.5E-07	6.8E-08	3.7E-09	2.3E-08	0.0E+00	0.0E+00	0.0E+00	2.7E-08
597	UCART4	481861.01	3732249.83	481861.01	0.01885	0.01909	0.05042	0.03594	0.03829	0.05776	5.60E-05	5.91E-05	1.56E-04	5.81E-07	1.78E-07	1.16E-07	2.72E-04	9.4E-08	2.8E-07	1.6E-07	1.5E-07	6.8E-08	3.7E-09	2.3E-08	0.0E+00	0.0E+00	0.0E+00	2.7E-08
598	UCART4	481911.01	3732249.83	481911.01	0.01842	0.01865	0.05112	0.03547	0.03781	0.05855	5.47E-05	5.77E-05	1.59E-04	5.73E-07	1.76E-07	1.18E-07	2.72E-04	9.4E-08	2.8E-07	1.6E-07	1.5E-07	6.8E-08	3.7E-09	2.3E-08	0.0E+00	0.0E+00	0.0E+00	2.6E-08
599	UCART4	481961.01	3732249.83	481961.01	0.01801	0.01822	0.0518	0.035	0.03732	0.05926	5.35E-05	5.64E-05	1.61E-04	5.65E-07	1.73E-07	1.19E-07	2.72E-04	9.4E-08	2.8E-07	1.6E-07	1.5E-07	6.8E-08	3.7E-09	2.3E-08	0.0E+00	0.0E+00	0.0E+00	2.6E-08
600	UCART4	482011.01	3732249.83	482011.01	0.01761	0.01781	0.05244	0.0345	0.03682	0.05984	5.23E-05	5.51E-05	1.63E-04	5.57E-07	1.71E-07	1.21E-07	2.71E-04	9.4E-08	2.8E-07	1.6E-07	1.5E-07	6.8E-08	3.7E-09	2.3E-08	0.0E+00	0.0E+00	0.0E+00	2.6E-08
601	UCART4	482061.01	3732249.83	482061.01	0.01722	0.01741	0.05303	0.03399	0.03631	0.06027	5.12E-05	5.39E-05	1.65E-04	5.49E-07	1.69E-07	1.21E-07	2.70E-04	9.4E-08	2.8E-07	1.6E-07	1.5E-07	6.8E-08	3.7E-09	2.3E-08	0.0E+00	0.0E+00	0.0E+00	2.6E-08
602	UCART4	482111.01	3732249.83	482111.01	0.01685	0.01704	0.0535	0.03347	0.03578	0.06046	5.01E-05	5.28E-05	1.66E-04	5.41E-07	1.66E-07	1.22E-07	2.70E-04	9.3E-08	2.8E-07	1.6E-07	1.5E-07	6.7E-08	3.7E-09	2.3E-08	0.0E+00	0.0E+00	0.0E+00	2.6E-08
603	UCART4	482161.01	3732249.83	482161.01	0.01651	0.01669	0.05382	0.03293	0.03521	0.06033	4.91E-05	5.17E-05	1.67E-04	5.32E-07	1.64E-07	1.22E-07	2.69E-04	9.3E-08	2.8E-07	1.6E-07	1.5E-07	6.7E-08	3.7E-09	2.2E-08	0.0E+00	0.0E+00	0.0E+00	2.6E-08
604	UCART4	482211.01	3732249.83	482211.01	0.01617	0.01635	0.05402	0.03237	0.03463	0.06	4.80E-05	5.06E-05	1.68E-04	5.23E-07	1.61E-07	1.21E-07	2.67E-04	9.2E-08	2.8E-07	1.6E-07	1.5E-07	6.7E-08	3.6E-09	2.2E-08	0.0E+00	0.0E+00	0.0E+00	2.6E-08
605	UCART4	482261.01	3732249.83	482261.01	0.01585	0.01602	0.05411	0.03181	0.03404	0.05941	4.71E-05	4.96E-05	1.68E-04	5.14E-07	1.58E-07	1.20E-07	2.65E-04	9.2E-08	2.8E-07	1.6E-07	1.5E-07	6.6E-08	3.6E-09	2.2E-08	0.0E+00	0.0E+00	0.0E+00	2.6E-08
606	UCART4	482311.01	3732249.83	482311.01	0.01553	0.0157	0.05406	0.03124	0.03343	0.05859	4.61E-05	4.86E-05	1.68E-04	5.05E-07	1.55E-07	1.18E-07	2.63E-04	9.1E-08	2.8E-07	1.6E-07	1.4E-07	6.6E-08	3.6E-09	2.2E-08	0.0E+00	0.0E+00	0.0E+00	2.6E-08
607	UCART4	482361.01	3732249.83	482361.01	0.01523	0.0154	0.05383	0.03065	0.0328	0.05751	4.52E-05	4.77E-05	1.67E-04	4.95E-07	1.52E-07	1.16E-07	2.61E-04	9.0E-08	2.7E-07	1.6E-07	1.4E-07	6.5E-08	3.5E-09	2.2E-08	0.0E+00	0.0E+00	0.0E+00	2.5E-08
608	UCART4	482411.01	3732249.83	482411.01	0.01494	0.0151	0.05346	0.03005	0.03216	0.05621	4.44E-05	4.68E-05	1.66E-04	4.85E-07	1.49E-07	1.13E-07	2.58E-04	8.9E-08	2.7E-07	1.6E-07	1.4E-07	6.5E-08	3.5E-09	2.2E-08	0.0E+00	0.0E+00	0.0E+00	2.5E-08
609	UCART4	481711.01	3732299.83	481711.01	0.0204	0.02069	0.05052	0.03861	0.04109	0.05816	6.06E-05	6.41E-05	1.57E-04	6.24E-07	1.91E-07	1.17E-07	2.82E-04	9.8E-08	3.0E-07	1.7E-07	1.5E-07	7.1E-08	3.8E-09	2.4E-08	0.0E+00	0.0E+00	0.0E+00	2.7E-08
610	UCART4	481761.01	3732299.83	481761.01	0.01989	0.02017	0.05141	0.03814	0.04064	0.05924	5.91E-05	6.25E-05	1.60E-04	6.16E-07	1.89E-07	1.19E-07	2.82E-04	9.8E-08	2.9E-07	1.7E-07	1.5E-07	7.1E-08	3.8E-09	2.4E-08	0.0E+00	0.0E+00	0.0E+00	2.7E-08
611	UCART4	481811.01	3732299.83	481811.01	0.01941	0.01967	0.05231	0.03767	0.04018	0.06034	5.77E-05	6.09E-05	1.62E-04	6.09E-07	1.87E-07	1.22E-07	2.82E-04	9.8E-08	2.9E-07	1.7E-07	1.5E-07	7.1E-08	3.8E-09	2.4E-08	0.0E+00	0.0E+00	0.0E+00	2.7E-08
612	UCART4	481861.01	3732299.83	481861.01	0.01894	0.01918	0.0532	0.03719	0.03972	0.0614	5.63E-05	5.94E-05	1.65E-04	6.01E-07	1.85E-07	1.24E-07	2.82E-04	9.7E-08	2.9E-07	1.7E-07	1.5E-07	7.0E-08	3.8E-09	2.4E-08	0.0E+00	0.0E+00	0.0E+00	2.7E-08
613	UCART4	481911.01	3732299.83	481911.01	0.01849	0.01873	0.05404	0.0367	0.03923	0.06236	5.49E-05	5.80E-05	1.68E-04	5.93E-07	1.82E-07	1.26E-07	2.81E-04	9.7E-08	2.9E-07	1.7E-07	1.5E-07	7.0E-08	3.8E-09	2.4E-08	0.0E+00	0.0E+00	0.0E+00	2.7E-08
614	UCART4	481961.01	3732299.83	481961.01	0.01807	0.01829	0.05482	0.0362	0.03872	0.06318	5.37E-05	5.66E-05	1.70E-04	5.85E-07	1.80E-07	1.27E-07	2.81E-04	9.7E-08	2.9E-07	1.7E-07	1.5E-07	7.0E-08	3.8E-09	2.4E-08	0.0E+00	0.0E+00	0.0E+00	2.7E-08
615	UCART4	482011.01	3732299.83	482011.01	0.01767	0.01788	0.0555	0.03567	0.03818	0.06378	5.25E-05	5.54E-05	1.72E-04	5.76E-07	1.77E-07	1.29E-07	2.81E-04	9.7E-08	2.9E-07	1.7E-07	1.5E-07	7.0E-08	3.8E-09	2.4E-08	0.0E+00	0.0E+00	0.0E+00	2.7E-08
616	UCART4	482061.01	3732299.83	482061.01	0.01729	0.0175	0.05606	0.03511	0.0376	0.06411	5.14E-05	5.42E-05	1.74E-04	5.67E-07	1.75E-07	1.29E-07	2.80E-04	9.7E-08	2.9E-07	1.7E-07	1.5E-07	7.0E-08	3.8E-09	2.3E-08	0.0E+00	0.0E+00	0.0E+00	2.7E-08
617	UCART4	482111.01	3732299.83	482111.01	0.01692	0.01712	0.05653	0.03455	0.03701	0.06424	5.03E-05	5.30E-05	1.75E-04	5.58E-07	1.72E-07	1.29E-07	2.80E-04	9.7E-08	2.9E-07	1.7E-07	1.5E-07	7.0E-08	3.8E-09	2.3E-08	0.0E+00	0.0E+00	0.0E+00	2.7E-08
618	UCART4	482161.01	3732299.83	482161.01	0.01657	0.01677	0.05684	0.03396	0.03639	0.064	4.92E-05	5.19E-05	1.76E-04	5.49E-07	1.69E-07	1.29E-07	2.78E-04	9.6E-08	2.9E-07	1.7E-07	1.5E-07	7.0E-08	3.8E-09	2.3E-08	0.0E+00	0.0E+00	0.0E+00	2.7E-08
619	UCART4	482211.01	3732299.83	482211.01	0.01623	0.01643	0.05704	0.03337	0.03577	0.06354	4.82E-05	5.09E-05	1.77E-04	5.39E-07	1.66E-07	1.28E-07	2.77E-04	9.6E-08	2.9E-07	1.7E-07	1.5E-07	6.9E-08	3.8E-09	2.3E-08	0.0E+00	0.0E+00	0.0E+00	2.7E-08
620	UCART4	482261.01	3732299.83	482261.01	0.01591	0.01609	0.05708	0.03277	0.03514	0.06279	4.73E-05	4.98E-05	1.77E-04	5.29E-07	1.63E-07	1.27E-07	2.75E-04	9.5E-08	2.9E-07	1.7E-07	1.5E-07	6.9E-08	3.7E-09	2.3E-08	0.0E+00	0.0E+00	0.0E+00	2.7E-08
621	UCART4	482311.01	3732299.83	482311.01	0.01559	0.01577	0.05697	0.03216	0.03448	0.06176	4.63E-05	4.88E-05	1.77E-04	5.20E-07	1.60E-07	1.24E-07	2.73E-04	9.4E-08	2.9E-07	1.7E-07	1.5E-07	6.8E-08	3.7E-09	2.3E-08	0.0E+00	0.0E+00	0.0E+00	2.7E-08
622	UCART4	482361.01	3732299.83	482361.01	0.01529	0.01547	0.05667	0.03153	0.03381	0.06044	4.54E-05	4.79E-05	1.76E-04	5.09E-07	1.57E-07	1.22E-07	2.70E-04	9.3E-08	2.8E-07	1.6E-07	1.5E-07	6.8E-08	3.7E-09	2.3E-08	0.0E+00	0.0E+00	0.0E+00	2.6E-08
623	UCART4	482411.01	3732299.83	482411.01	0.01499	0.01517	0.0562	0.03089	0.03311	0.0589	4.45E-05	4.70E-05	1.74E-04	4.99E-07	1.54E-07	1.19E-07	2.67E-04	9.2E-08	2.8E-07	1.6E-07	1.5E-07	6.7E-08	3.6E-09	2.2E-08	0.0E+00	0.0E+00	0.0E+00	2.6E-08
624	UCART4	481711.01	3732349.83	481711.01	0.0205	0.0208	0.05329	0.04005	0.04273	0.06182	6.09E-05	6.44E-05	1.65E-04	6.47E-07	1.99E-07	1.25E-07	2.92E-04	1.0E-07	3.0E-07	1.8E-07	1.6E-07	7.3E-08	4.0E-09	2.4E-08	0.0E+00	0.0E+00	0.0E+00	2.8E-08
625	UCART4	481761.01	3732349.83	481761.01	0.01998	0.02027	0.05429	0.03955	0.04225	0.06306	5.94E-05	6.28E-05	1.68E-04	6.39E-07	1.96E-07	1.27E-07	2.92E-04	1.0E-07	3.0E-07	1.8E-07	1.6E-07	7.3E-08	4.0E-09	2.4E-08	0.0E+00	0.0E+00	0.0E+00	2.8E-08
626	UCART4	481811.01	3732349.83	481811.01	0.01949	0.01976	0.05531	0.03906	0.04177	0.06431	5.79E-05	6.12E-05	1.72E-04	6.31E-07	1.94E-07	1.30E-07	2.92E-04	1.0E-07	3.0E-07	1.8E-07	1.6E-07	7.3E-08	4.0E-09	2.4E-08	0.0E+00	0.0E+00	0.0E+00	2.8E-08
627	UCART4	481861.01	3732349.83	481861.01	0.01902	0.01928	0.05628	0.03855	0.04126	0.06548	5.65E-05	5.97E-05	1.75E-04	6.23E-07	1.92E-07	1.32E-07	2.92E-04	1.0E-07	3.0E-07	1.8E-07	1.6E-07	7.3E-08	4.0E-09	2.4E-08	0.0E+00	0.0E+00	0.0E+00	2.8E-08
628	UCART4	481911.01	3732349.83	481911.01	0.01858	0.01882	0.05719	0.03801	0.04072	0.06652	5.52E-05	5.83E-05	1.77E-04	6.14E-07	1.89E-07	1.34E-07	2.92E-04	1.0E-07	3.1E-07	1.8E-07	1.6E-07	7.3E-08	4.0E-09	2.4E-08	0.0E+00	0.0E+00	0.0E+00	2.8E-08
629	UCART4	481961.01	3732349.83	481961.01	0.01815	0.01839	0.05803	0.03746	0.04016	0.06739	5.39E-05	5.69E-05	1.80E-04	6.05E-07	1.87E-07	1.36E-07	2.92E-04	1.0E-07	3.1E-07	1.8E-07	1.6E-07	7.3E-08	4.0E-09	2.4E-08	0.0E+00	0.0E+00	0.0E+00	2.8E-08
630	UCART4	482011.01	3732349.83	482011.01	0.01774	0.01797	0.05879	0.0369	0.03959	0.06805	5.27E-05	5.56E-05	1.82E-04	5.96E-07	1.84E-07	1.37E-07	2.92E-04	1.0E-07	3.0E-07	1.8E-07	1.6E-07	7.3E-08	4.0E-09	2.4E-08	0.0E+00	0.0E+00	0.0E+00	2.8E-08
631	UCART4	482061.01	3732349.83	482061.01	0.01735	0.01758	0.05942	0.03632	0.03899	0.06842	5.15E-05	5.44E-05	1.84E-04	5.87E-07	1.81E-07	1.38E-07	2.91E-04	1.0E-07	3.0E-07	1.8E-07	1.6E-07	7.3E-08	4.0E-09	2.4E-08	0.0E+00	0.0E+00	0.0E+00	2.8E-08
632	UCART4	482111.01	3732349.83	482111.01	0.01698	0.0172	0.0599	0.03572	0.03835	0.06847	5.04E-05	5.33E-05	1.86E-04	5.77E-07	1.78E-07	1.38E-07	2.90E-04	1.0E-07	3.0E-07	1.8E-07	1.6E-07	7.3E-08	3.9E-09	2.4E-08	0.0E+00	0.0E+00	0.0E+00	2.8E-08
633	UCART4	482161.01	3732349.83	482161.01	0.01663	0.01684	0.06022	0.03509	0.03769	0.06816	4.94E-05	5.21E-05	1.87E-04	5.67E-07	1.75E-07	1.37E-07	2.89E-04	1.0E-07	3.0E-07	1.8E-07	1.6E-07	7.2E-08	3.9E-09	2.4E-08	0.0E+00	0.0E+00	0.0E+00	2.8E-08
634	UCART4	482211.01	3732349.83	482211.01	0.01629	0.0165	0.06037	0.03446	0.03701	0.06751	4.84E-05	5.11E-05	1.87E-04	5.57E-07	1.72E-07	1.36E-07	2.88E-04	1.0E-07	3.0E-07	1.7E-07	1.6E-07	7.2E-08	3.9E-09	2.4E-08	0.0E+00	0.0E+00	0.0E+00	2.8E-08
635	UCART4	482261.01	3732349.83	482261.01	0.01596	0.01617	0.06036	0.03382	0.03632	0.06654	4.74E-05	5.01E-05	1.87E-04	5.46E-07	1.69E-07	1.34E-07	2.86E-04	9.9E-08	3.0E-07	1.7E-07	1.6E-07	7.1E-08	3.9E-09	2.4E-08	0.0E+00	0.0E+00	0.0E+00	2.8E-08
636	UCART4	482311.01	3732349.83	482311.01	0.01564	0.01585	0.06016	0.03315	0.03561	0.06521	4.65E-05	4.91E-05	1.87E-04	5.36E-07	1.66E-07	1.31E-07	2.83E-04	9.8E-08	3.0E-07	1.7E-07	1.6E-07	7.1E-08	3.8E-09	2.4E-08	0.0E+00	0.0E+00	0.0E+00	2.8E-08
637	UCART4	482361.01	3732349.83	482361.01	0.01534	0.01554	0.05977	0.03247	0.03488	0.06361	4.56E-05	4.81E-05	1.85E-04	5.25E-07	1.62E-07	1.28E-07	2.80E-04	9.7E-08	2.9E-07	1.7E-07	1.5E-07	7.0E-08	3.8E-09	2.3E-08	0.0E+00	0.0E+00	0.0E+00	2.7E-08
638	UCART4	482411.01	3732349.83	482411.01	0.01504	0.01524	0.05919	0.03178	0.03413	0.06178	4.47E-05	4.72E-05	1.84E-04	5.13E-07	1.59E-07	1.25E-07	2.76E-04	9.6E-08	2.9E-07	1.7E-07	1.5E-07	6.9E-08	3.8E-09	2.3E-08	0.0E+00	0.0E+00	0.0E+00	2.7E-08
639	UCART4	481711.01	3732399.83	481711.01	0.02059	0.02091	0.05634	0.0416	0.04451	0.06593	6.12E-05	6.47E-05	1.75E-04	6.72E-07	2.07E-07	1.33E-07	3.02E-04	1.0E-07	3.2E-07	1.8E-07	1.7E-07	7.6E-08	4.1E-09	2.5E-08	0.0E+00	0.0E+00	0.0E+00	2.9E-08
640	UCART4	481761.01	3732399.83	481761.01	0.02007	0.02037	0.05749	0.04108	0.044	0.06735	5.96E-05	6.31E-05	1.78E-04	6.64E-07	2.05E-07	1.36E-07	3.02E-04	1.0E-07	3.2E-07	1.8E-07	1.7E-07	7.6E-08	4.1E-09	2.5E-08	0.0E+00	0.0E+00	0.0E+00	2.9E-08
641	UCART4	481811.01	3732399.83	481811.01	0.01957	0.01986	0.05862	0.04055	0.04348	0.06876	5.81E-05	6.15E-05	1.82E-04	6.55E-07	2.02E-07	1.39E-07	3.03E-04	1.0E-07	3.2E-07	1.8E-07	1.7E-07	7.6E-08	4.1E-09	2.5E-08	0.0E+00	0.0E+00	0.0E+00	2.9E-08
642	UCART4	481861.01	3732399.83	481861.01	0.0191	0.01938	0.05969	0.04	0.04292	0.07006	5.67E-05	6.00E-05	1.85E-04	6.46E-07	2.00E-07	1.41E-07	3.03E-04	1.0E-07	3.2E-07	1.8E-07	1.7E-07	7.6E-08	4.1E-09	2.5E-08	0.0E+00	0.0E+00	0.0E+00	2.9E-08
643	UCART4	481911.01	3732399.83	481911.01	0.01866	0.01892	0.06067	0.03941	0.04232	0.07117	5.54E-05	5.86E-05	1.88E-04	6.37E-07	1.97E-07	1.43E-07	3.03E-04	1.0E-07	3.2E-07	1.8E-07	1.7E-07	7.6E-08	4.1E-09	2.5E-08	0.0E+00	0.0E+00	0.0E+00	3.0E-08
644	UCART4	481961.01	3732399.83	481961.01	0.01823	0.01848	0.06159	0.03882	0.04171	0.07212	5.42E-05	5.72E-05	1.91E-04	6.27E-07	1.94E-07	1.45E-07	3.03E-04	1.1E-07	3.2E-07	1.8E-07	1.7E-07	7.6E-08	4.1E-09	2.5E-08	0.0E+00	0.0E+00	0.0E+00	3.0E-08
645	UCART4	482011.01	3732399.83	482011.01	0.01781	0.01806	0.06243	0.03823	0.0411	0.07284	5.29E-05	5.59E-05	1.94E-04	6.18E-07	1.91E-07	1.47E-07	3.03E-04	1.1E-07	3.2E-07	1.8E-07	1.7E-07	7.6E-08	4.1E-09	2.5E-08	0.0E+00	0.0E+00	0.0E+00	3.0E-08
646	UCART4	482061.01	3732399.83	482061.01	0.01742	0.01766	0.06315	0.03762	0.04048	0.07325	5.18E-05	5.47E-05	1.96E-04	6.08E-07	1.88E-07	1.48E-07	3.03E-04	1.0E-07	3.2E-07	1.8E-07	1.7E-07	7.6E-08	4.1E-09	2.5E-08	0.0E+00	0.0E+00	0.0E+00	3.0E-08
647	UCART4	482111.01	3732399.83	482111.01	0.01704	0.01728	0.06367	0.03699	0.03981	0.07323	5.06E-05	5.35E-05	1.98E-04	5.98E-07	1.85E-07	1.48E-07	3.03E-04	1.0E-07	3.2E-07	1.8E-07	1.7E-07	7.6E-08	4.1E-09	2.5E-08	0.0E+00	0.0E+00	0.0E+00	2.9E-08
648	UCART4	482161.01	3732399.83	482161.01	0.01668	0.01691	0.06401	0.03634	0.03912	0.07281	4.96E-05	5.24E-05	1.99E-04	5.87E-07	1.82E-07	1.47E-07	3.01E-04	1.0E-07	3.2E-07	1.8E-07	1.7E-07	7.5E-08	4.1E-09	2.5E-08	0.0E+00	0.0E+00	0.0E+00	2.9E-08
649	UCART4	482211.01	3732399.83	482211.01	0.01634	0.01657	0.06411	0.03564	0.03837	0.07191	4.85E-05	5.13E-05	1.99E-04	5.76E-07	1.78E-07	1.45E-07	3.00E-04	1.0E-07	3.1E-07	1.8E-07	1.6E-07	7.5E-08	4.1E-09	2.5E-08	0.0E+00	0.0E+00	0.0E+00	2.9E-08
650	UCART4	482261.01	3732399.83	482261.01	0.01601	0.01624	0.06401	0.03494	0.03761	0.07064	4.76E-05	5.03E-05	1.99E-04	5.64E-07	1.75E-07	1.42E-07	2.97E-04	1.0E-07	3.1E-07	1.8E-07	1.6E-07	7.4E-08	4.0E-09	2.5E-08	0.0E+00	0.0E+00	0.0E+00	2.9E-08
651	UCART4	482311.01	3732399.83	482311.01	0.01569	0.01592	0.06371	0.03422	0.03684	0.06901	4.66E-05	4.93E-05	1.98E-04	5.53E-07	1.71E-07	1.39E-07	2.94E-04	1.0E-07	3.1E-07	1.8E-07	1.6E-07	7.4E-08	4.0E-09	2.5E-08	0.0E+00	0.0E+00	0.0E+00	2.9E-08
652	UCART4	482361.01	3732399.83	482361.01	0.01538	0.01561	0.0632	0.0335	0.03605	0.06708	4.57E-05	4.83E-05	1.96E-04	5.41E-07	1.68E-07	1.35E-07	2.91E-04	1.0E-07	3.0E-07	1.8E-07	1.6E-07	7.3E-08	4.0E-09	2.4E-08	0.0E+00	0.0E+00	0.0E+00	2.9E-08
653	UCART4	482411.01	3732399.83	482411.01	0.01509	0.01531	0.06248	0.03275	0.03524	0.0649	4.48E-05	4.74E-05	1.94E-04	5.29E-07	1.64E-07	1.31E-07	2.87E-04	9.9E-08	3.0E-07	1.7E-07	1.6E-07	7.2E-08	3.9E-09	2.4E-08	0.0E+00	0.0E+00	0.0E+00	2.8E-08
654	UCART4	481711.01	3732449.83	481711.01	0.02069	0.02102	0.05971	0.04327	0.04641	0.07051	6.15E-05	6.51E-05	1.85E-04	6.99E-07	2.16E-07	1.42E-07	3.13E-04	1.1E-07	3.3E-07	1.9E-07	1.7E-07	7.8E-08	4.3E-09	2.6E-08	0.0E+00	0.0E+00	0.0E+00	3.0E-08
655	UCART4	481761.01	3732449.83	481761.01	0.02016	0.02048	0.06102	0.04272	0.04588	0.07216	5.99E-05	6.34E-05	1.89E-04	6.90E-07	2.13E-07	1.45E-07	3.14E-04	1.1E-07	3.3E-07	1.9E-07	1.7E-07	7.9E-08	4.3E-09	2.6E-08	0.0E+00	0.0E+00	0.0E+00	3.1E-08
656	UCART4	481811.01	3732449.83	481811.01	0.01965	0.01996	0.0623	0.04216	0.04532	0.07377	5.84E-05	6.18E-05	1.93E-04	6.81E-07	2.11E-07	1.49E-07	3.15E-04	1.1E-07	3.3E-07	1.9E-07	1.7E-07	7.9E-08	4.3E-09	2.6E-08	0.0E+00	0.0E+00	0.0E+00	3.1E-08
657	UCART4	481861.01	3732449.83	481861.01	0.01918	0.01948	0.0635	0.04156	0.04471	0.07523	5.70E-05	6.03E-05	1.97E-04	6.71E-07	2.08E-07	1.52E-07	3.15E-04	1.1E-07	3.3E-07	1.9E-07	1.7E-07	7.9E-08	4.3E-09	2.6E-08	0.0E+00	0.0E+00	0.0E+00	3.1E-08
658	UCART4	481911.01	3732449.83	481911.01	0.01873	0.01902	0.0646	0.04094	0.04407	0.07648	5.56E-05	5.89E-05	2.00E-04	6.61E-07	2.05E-07	1.54E-07	3.16E-04	1.1E-07	3.3E-07	1.9E-07	1.7E-07	7.9E-08	4.3E-09	2.6E-08	0.0E+00	0.0E+00	0.0E+00	3.1E-08
659	UCART4	481961.01	3732449.83	481961.01	0.0183	0.01858	0.06562	0.04031	0.04342	0.07753	5.44E-05	5.75E-05	2.04E-04	6.51E-07	2.02E-07	1.56E-07	3.17E-04	1.1E-07	3.3E-07	1.9E-07	1.7E-07	7.9E-08	4.3E-09	2.7E-08	0.0E+00	0.0E+00	0.0E+00	3.1E-08
660	UCART4	482011.01	3732449.83	482011.01	0.01788	0.01815	0.06654	0.03968	0.04276	0.0783	5.31E-05	5.62E-05	2.06E-04	6.41E-07	1.99E-07	1.58E-07	3.17E-04	1.1E-07	3.3E-07	1.9E-07	1.7E-07	7.9E-08	4.3E-09	2.7E-08	0.0E+00	0.0E+00	0.0E+00	3.1E-08
661	UCART4	482061.01	3732449.83	482061.01	0.01748	0.01775	0.06731	0.03903	0.04209	0.07868	5.19E-05	5.50E-05	2.09E-04	6.31E-07	1.96E-07	1.59E-07	3.17E-04	1.1E-07	3.3E-07	1.9E-07	1.7E-07	7.9E-08	4.3E-09	2.7E-08	0.0E+00	0.0E+00	0.0E+00	3.1E-08
662	UCART4	482111.01	3732449.83	482111.01	0.01709	0.01736	0.06787	0.03836	0.04138	0.07857	5.08E-05	5.38E-05	2.11E-04	6.20E-07	1.92E-07	1.58E-07	3.16E-04	1.1E-07	3.3E-07	1.9E-07	1.7E-07	7.9E-08	4.3E-09	2.6E-08	0.0E+00	0.0E+00	0.0E+00	3.1E-08
663	UCART4	482161.01	3732449.83	482161.01	0.01673	0.01699	0.06817	0.03765	0.04062	0.07792	4.97E-05	5.26E-05	2.12E-04	6.08E-07	1.89E-07	1.57E-07	3.15E-04	1.1E-07	3.3E-07	1.9E-07	1.7E-07	7.9E-08	4.3E-09	2.6E-08	0.0E+00	0.0E+00	0.0E+00	3.1E-08
664	UCART4	482211.01	3732449.83	482211.01	0.01639	0.01665	0.06818	0.03689	0.03981	0.07671	4.87E-05	5.16E-05	2.12E-04	5.96E-07	1.85E-07	1.55E-07	3.13E-04	1.1E-07	3.3E-07	1.9E-07	1.7E-07	7.8E-08	4.3E-09	2.6E-08	0.0E+00	0.0E+00	0.0E+00	3.0E-08
665	UCART4	482261.01	3732449.83	482261.01	0.01606	0.01631	0.06801	0.03614	0.03899	0.07511	4.77E-05	5.05E-05	2.11E-04	5.84E-07	1.81E-07	1.51E-07	3.10E-04	1.1E-07	3.2E-07	1.9E-07	1.7E-07	7.8E-08	4.2E-09	2.6E-08	0.0E+00	0.0E+00	0.0E+00	3.0E-08
666	UCART4	482311.01	3732449.83	482311.01	0.01573	0.01599	0.06763	0.03539	0.03819	0.07314	4.67E-05	4.95E-05	2.10E-04	5.72E-07	1.78E-07	1.47E-07	3.07E-04	1.1E-07	3.2E-07	1.9E-07	1.7E-07	7.7E-08	4.2E-09	2.6E-08	0.0E+00	0.0E+00	0.0E+00	3.0E-08
667	UCART4	482361.01	3732449.83	482361.01	0.01542	0.01567	0.067	0.03462	0.03734	0.07083	4.58E-05	4.85E-05	2.08E-04	5.59E-07	1.74E-07	1.43E-07	3.03E-04	1.0E-07	3.2E-07	1.8E-07	1.7E-07	7.6E-08	4.1E-09	2.5E-08	0.0E+00	0.0E+00	0.0E+00	3.0E-08
668	UCART4	482411.01	3732449.83	482411.01	0.01512	0.01537	0.06609	0.0338	0.03645	0.06821	4.49E-05	4.76E-05	2.05E-04	5.46E-07	1.69E-07	1.38E-07	2.98E-04	1.0E-07	3.1E-07	1.8E-07	1.6E-07	7.5E-08	4.1E-09	2.5E-08	0.0E+00	0.0E+00	0.0E+00	2.9E-08
669	UCART4	481711.01	3732499.83	481711.01	0.02077	0.02114	0.06349	0.04509	0.04849	0.07573	6.17E-05	6.55E-05	1.97E-04	7.28E-07	2.25E-07	1.53E-07	3.25E-04	1.1E-07	3.4E-07	2.0E-07	1.8E-07	8.1E-08	4.4E-09	2.7E-08	0.0E+00	0.0E+00	0.0E+00	3.2E-08
670	UCART4	481761.01	3732499.83	481761.01	0.02024	0.02059	0.06498	0.04451	0.04793	0.07765	6.01E-05	6.38E-05	2.02E-04	7.19E-07	2.23E-07	1.57E-07	3.27E-04	1.1E-07	3.4E-07	2.0E-07	1.8E-07	8.2E-08	4.4E-09	2.7E-08	0.0E+00	0.0E+00	0.0E+00	3.2E-08
671	UCART4	481811.01	3732499.83	481811.01	0.01973	0.02007	0.06644	0.04392	0.04733	0.0795	5.86E-05	6.21E-05	2.06E-04	7.10E-07	2.20E-07	1.60E-07	3.28E-04	1.1E-07	3.4E-07	2.0E-07	1.8E-07	8.2E-08	4.5E-09	2.7E-08	0.0E+00	0.0E+00	0.0E+00	3.2E-08
672	UCART4	481861.01	3732499.83	481861.01	0.01925	0.01958	0.06779	0.04328	0.04668	0.08116	5.72E-05	6.06E-05	2.10E-04	6.99E-07	2.17E-07	1.64E-07	3.29E-04	1.1E-07	3.4E-07	2.0E-07	1.8E-07	8.2E-08	4.5E-09	2.8E-08	0.0E+00	0.0E+00	0.0E+00	3.2E-08
673	UCART4	481911.01	3732499.83	481911.01	0.01879	0.01912	0.06903	0.04261	0.04599	0.08259	5.58E-05	5.92E-05	2.14E-04	6.88E-07	2.14E-07	1.66E-07	3.30E-04	1.1E-07	3.5E-07	2.0E-07	1.8E-07	8.3E-08	4.5E-09	2.8E-08	0.0E+00	0.0E+00	0.0E+00	3.2E-08
674	UCART4	481961.01	3732499.83	481961.01	0.01835	0.01867	0.0702	0.04195	0.0453	0.08379	5.45E-05	5.78E-05	2.18E-04	6.78E-07	2.11E-07	1.69E-07	3.31E-04	1.1E-07	3.5E-07	2.0E-07	1.8E-07	8.3E-08	4.5E-09	2.8E-08	0.0E+00	0.0E+00	0.0E+00	3.2E-08
675	UCART4	482011.01	3732499.83	482011.01	0.01793	0.01824	0.07122	0.04128	0.0446	0.08459	5.33E-05	5.65E-05	2.21E-04	6.67E-07	2.07E-07	1.71E-07	3.32E-04	1.1E-07	3.5E-07	2.0E-07	1.8E-07	8.3E-08	4.5E-09	2.8E-08	0.0E+00	0.0E+00	0.0E+00	3.2E-08
676	UCART4	482061.01	3732499.83	482061.01	0.01753	0.01783	0.07201	0.04057	0.04386	0.08487	5.21E-05	5.52E-05	2.23E-04	6.55E-07	2.04E-07	1.71E-07	3.32E-04	1.1E-07	3.5E-07	2.0E-07	1.8E-07	8.3E-08	4.5E-09	2.8E-08	0.0E+00	0.0E+00	0.0E+00	3.2E-08
677	UCART4	482111.01	3732499.83	482111.01	0.01715	0.01745	0.07254	0.03983	0.04307	0.08454	5.10E-05	5.40E-05	2.25E-04	6.43E-07	2.00E-07	1.70E-07	3.31E-04	1.1E-07	3.5E-07	2.0E-07	1.8E-07	8.3E-08	4.5E-09	2.8E-08	0.0E+00	0.0E+00	0.0E+00	3.2E-08
678	UCART4	482161.01	3732499.83	482161.01	0.01678	0.01708	0.0728	0.03907	0.04225	0.08361	4.99E-05	5.29E-05	2.26E-04	6.31E-07	1.96E-07	1.69E-07	3.30E-04	1.1E-07	3.4E-07	2.0E-07	1.8E-07	8.2E-08	4.5E-09	2.8E-08	0.0E+00	0.0E+00	0.0E+00	3.2E-08
679	UCART4	482211.01	3732499.83	482211.01	0.01643	0.01672	0.07279	0.03828	0.04139	0.0821	4.88E-05	5.18E-05	2.26E-04	6.18E-07	1.92E-07	1.66E-07	3.27E-04	1.1E-07	3.4E-07	2.0E-07	1.8E-07	8.2E-08	4.5E-09	2.7E-08	0.0E+00	0.0E+00	0.0E+00	3.2E-08
680	UCART4	482261.01	3732499.83	482261.01	0.0161	0.01638	0.07251	0.03747	0.04052	0.08007	4.78E-05	5.07E-05	2.25E-04	6.05E-07	1.88E-07	1.61E-07	3.24E-04	1.1E-07	3.4E-07	2.0E-07	1.8E-07	8.1E-08	4.4E-09	2.7E-08	0.0E+00	0.0E+00	0.0E+00	3.2E-08
681	UCART4	482311.01	3732499.83	482311.01	0.01577	0.01605	0.07197	0.03665	0.03963	0.07762	4.69E-05	4.97E-05	2.23E-04	5.92E-07	1.84E-07	1.56E-07	3.21E-04	1.1E-07	3.4E-07	1.9E-07	1.8E-07	8.0E-08	4.4E-09	2.7E-08	0.0E+00	0.0E+00	0.0E+00	3.1E-08
682	UCART4	482361.01	3732499.83	482361.01	0.01546	0.01574	0.07111	0.03579	0.03868	0.07476	4.59E-05	4.87E-05	2.21E-04	5.78E-07	1.80E-07	1.51E-07	3.16E-04	1.1E-07	3.3E-07	1.9E-07	1.7E-07	7.9E-08	4.3E-09	2.6E-08	0.0E+00	0.0E+00	0.0E+00	3.1E-08
683	UCART4	482411.01	3732499.83	482411.01	0.01516	0.01544	0.07001	0.0349	0.03771	0.07168	4.50E-05	4.78E-05	2.17E-04	5.64E-07	1.75E-07	1.44E-07	3.11E-04	1.1E-07	3.3E-07	1.9E-07	1.7E-07	7.8E-08	4.2E-09	2.6E-08	0.0E+00	0.0E+00	0.0E+00	3.0E-08
684	UCART4	481711.01	3732549.83	481711.01	0.02085	0.02126	0.06774	0.04708	0.05078	0.08171	6.19E-05	6.58E-05	2.10E-04	7.61E-07	2.36E-07	1.65E-07	3.39E-04	1.2E-07	3.5E-07	2.1E-07	1.9E-07	8.5E-08	4.6E-09	2.8E-08	0.0E+00	0.0E+00	0.0E+00	3.3E-08
685	UCART4	481761.01	3732549.83	481761.01	0.02031	0.0207	0.06945	0.04647	0.05018	0.08394	6.03E-05	6.41E-05	2.15E-04	7.51E-07	2.33E-07	1.69E-07	3.41E-04	1.2E-07	3.6E-07	2.1E-07	1.9E-07	8.5E-08	4.6E-09	2.9E-08	0.0E+00	0.0E+00	0.0E+00	3.3E-08
686	UCART4	481811.01	3732549.83	481811.01	0.0198	0.02018	0.07111	0.04583	0.04953	0.08607	5.88E-05	6.25E-05	2.21E-04	7.40E-07	2.30E-07	1.74E-07	3.43E-04	1.2E-07	3.6E-07	2.1E-07	1.9E-07	8.6E-08	4.7E-09	2.9E-08	0.0E+00	0.0E+00	0.0E+00	3.3E-08
687	UCART4	481861.01	3732549.83	481861.01	0.01931	0.01968	0.07266	0.04516	0.04883	0.08801	5.74E-05	6.09E-05	2.25E-04	7.30E-07	2.27E-07	1.77E-07	3.45E-04	1.2E-07	3.6E-07	2.1E-07	1.9E-07	8.6E-08	4.7E-09	2.9E-08	0.0E+00	0.0E+00	0.0E+00	3.4E-08
688	UCART4	481911.01	3732549.83	481911.01	0.01885	0.01921	0.0741	0.04446	0.04811	0.08968	5.60E-05	5.95E-05	2.30E-04	7.18E-07	2.24E-07	1.81E-07	3.47E-04	1.2E-07	3.6E-07	2.1E-07	1.9E-07	8.7E-08	4.7E-09	2.9E-08	0.0E+00	0.0E+00	0.0E+00	3.4E-08
689	UCART4	481961.01	3732549.83	481961.01	0.0184	0.01876	0.07539	0.04375	0.04737	0.091	5.47E-05	5.81E-05	2.34E-04	7.07E-07	2.20E-07	1.83E-07	3.48E-04	1.2E-07	3.6E-07	2.1E-07	1.9E-07	8.7E-08	4.7E-09	2.9E-08	0.0E+00	0.0E+00	0.0E+00	3.4E-08
690	UCART4	482011.01	3732549.83	482011.01	0.01798	0.01833	0.07649	0.04302	0.0466	0.09179	5.34E-05	5.68E-05	2.37E-04	6.95E-07	2.17E-07	1.85E-07	3.49E-04	1.2E-07	3.6E-07	2.1E-07	1.9E-07	8.7E-08	4.7E-09	2.9E-08	0.0E+00	0.0E+00	0.0E+00	3.4E-08
691	UCART4	482061.01	3732549.83	482061.01	0.01757	0.01792	0.07732	0.04226	0.0458	0.09195	5.22E-05	5.55E-05	2.40E-04	6.83E-07	2.13E-07	1.85E-07	3.49E-04	1.2E-07	3.6E-07	2.1E-07	1.9E-07	8.7E-08	4.7E-09	2.9E-08	0.0E+00	0.0E+00	0.0E+00	3.4E-08
692	UCART4	482111.01	3732549.83	482111.01	0.01719	0.01753	0.07779	0.04144	0.04491	0.09129	5.11E-05	5.43E-05	2.41E-04	6.69E-07	2.09E-07	1.84E-07	3.48E-04	1.2E-07	3.6E-07	2.1E-07	1.9E-07	8.7E-08	4.7E-09	2.9E-08	0.0E+00	0.0E+00	0.0E+00	3.4E-08
693	UCART4	482161.01	3732549.83	482161.01	0.01683	0.01716	0.07801	0.04062	0.04403	0.09001	5.00E-05	5.31E-05	2.42E-04	6.56E-07	2.05E-07	1.81E-07	3.46E-04	1.2E-07	3.6E-07	2.1E-07	1.9E-07	8.7E-08	4.7E-09	2.9E-08	0.0E+00	0.0E+00	0.0E+00	3.4E-08
694	UCART4	482211.01	3732549.83	482211.01	0.01647	0.0168	0.0779	0.03977	0.0431	0.08803	4.89E-05	5.20E-05	2.42E-04	6.42E-07	2.00E-07	1.77E-07	3.44E-04	1.2E-07	3.6E-07	2.1E-07	1.9E-07	8.6E-08	4.7E-09	2.9E-08	0.0E+00	0.0E+00	0.0E+00	3.3E-08
695	UCART4	482261.01	3732549.83	482261.01	0.01613	0.01645	0.07748	0.0389	0.04215	0.08548	4.79E-05	5.09E-05	2.40E-04	6.28E-07	1.96E-07	1.72E-07	3.40E-04	1.2E-07	3.6E-07	2.1E-07	1.9E-07	8.5E-08	4.6E-09	2.9E-08	0.0E+00	0.0E+00	0.0E+00	3.3E-08
696	UCART4	482311.01	3732549.83	482311.01	0.01581	0.01612	0.07675	0.038	0.04117	0.08244	4.70E-05	4.99E-05	2.38E-04	6.14E-07	1.91E-07	1.66E-07	3.36E-04	1.2E-07	3.5E-07	2.0E-07	1.8E-07	8.4E-08	4.6E-09	2.8E-08	0.0E+00	0.0E+00	0.0E+00	3.3E-08
697	UCART4	482361.01	3732549.83	482361.01	0.0155	0.01581	0.07569	0.03707	0.04015	0.07902	4.61E-05	4.90E-05	2.35E-04	5.99E-07	1.87E-07	1.59E-07	3.31E-04	1.1E-07	3.5E-07	2.0E-07	1.8E-07	8.3E-08	4.5E-09	2.8E-08	0.0E+00	0.0E+00	0.0E+00	3.2E-08
698	UCART4	482411.01	3732549.83	482411.01	0.0152	0.0155	0.07435	0.03612	0.0391	0.07537	4.52E-05	4.80E-05	2.31E-04	5.83E-07	1.82E-07	1.52E-07	3.25E-04	1.1E-07	3.4E-07	2.0E-07	1.8E-07	8.1E-08	4.4E-09	2.7E-08	0.0E+00	0.0E+00	0.0E+00	3.2E-08
699	UCART4	481711.01	3732599.83	481711.01	0.02092	0.02137	0.07255	0.04928	0.05331	0.08862	6.22E-05	6.62E-05	2.25E-04	7.96E-07	2.48E-07	1.79E-07	3.55E-04	1.2E-07	3.7E-07	2.1E-07	1.9E-07	8.9E-08	4.8E-09	3.0E-08	0.0E+00	0.0E+00	0.0E+00	3.5E-08

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842	UCART6	479520.27	3733313.46	479520.27,	0.93453	4.39179	0.02007	0.31381	0.156	0.02157	2.78E-03	1.36E-02	6.23E-05	5.07E-06	7.25E-07	4.35E-08	1.64E-02	5.7E-06	1.7E-05	9.9E-06	9.0E-06	4.1E-06	2.2E-07	1.4E-06	0.0E+00	0.0E+00	0.0E+00	1.6E-06
843	UCART6	479550.27	3733313.46	479550.27,	0.85381	5.03807	0.02036	0.40547	0.17843	0.0219	2.54E-03	1.56E-02	6.32E-05	6.55E-06	8.29E-07	4.41E-08	1.82E-02	6.3E-06	1.9E-05	1.1E-05	1.0E-05	4.6E-06	2.5E-07	1.5E-06	0.0E+00	0.0E+00	0.0E+00	1.8E-06
844	UCART6	479580.27	3733313.46	479580.27,	0.77677	5.34797	0.02067	0.55659	0.20596	0.02225	2.31E-03	1.66E-02	6.41E-05	8.99E-06	9.57E-07	4.49E-08	1.89E-02	6.6E-06	2.0E-05	1.1E-05	1.0E-05	4.7E-06	2.6E-07	1.6E-06	0.0E+00	0.0E+00	0.0E+00	1.8E-06
845	UCART6	479610.27	3733313.46	479610.27,	0.70374	5.30658	0.02098	0.84582	0.23887	0.02262	2.09E-03	1.64E-02	6.51E-05	1.37E-05	1.11E-06	4.56E-08	1.86E-02	6.4E-06	1.9E-05	1.1E-05	1.0E-05	4.7E-06	2.5E-07	1.6E-06	0.0E+00	0.0E+00	0.0E+00	1.8E-06
846	UCART6	479640.27	3733313.46	479640.27,	0.6342	4.93631	0.02131	1.58202	0.2767	0.02299	1.88E-03	1.53E-02	6.61E-05	2.56E-05	1.29E-06	4.63E-08	1.73E-02	6.0E-06	1.8E-05	1.0E-05	9.5E-06	4.3E-06	2.3E-07	1.4E-06	0.0E+00	0.0E+00	0.0E+00	1.7E-06
847	UCART6	479670.27	3733313.46	479670.27,	0.56808	4.2654	0.02167	5.49416	0.31722	0.0234	1.69E-03	1.32E-02	6.72E-05	8.88E-05	1.47E-06	4.72E-08	1.51E-02	5.2E-06	1.6E-05	9.1E-06	8.3E-06	3.8E-06	2.0E-07	1.3E-06	0.0E+00	0.0E+00	0.0E+00	1.5E-06
848	UCART6	479490.27	3733343.46	479490.27,	0.8135	5.63497	0.01985	0.25608	0.15122	0.02131	2.42E-03	1.74E-02	6.16E-05	4.14E-06	7.03E-07	4.30E-08	1.99E-02	6.9E-06	2.1E-05	1.2E-05	1.1E-05	5.0E-06	2.7E-07	1.7E-06	0.0E+00	0.0E+00	0.0E+00	1.9E-06
849	UCART6	479520.27	3733343.46	479520.27,	0.76249	7.45423	0.02014	0.31778	0.17528	0.02163	2.27E-03	2.31E-02	6.25E-05	5.13E-06	8.15E-07	4.36E-08	2.54E-02	8.8E-06	2.7E-05	1.5E-05	1.4E-05	6.4E-06	3.5E-07	2.1E-06	0.0E+00	0.0E+00	0.0E+00	2.5E-06
850	UCART6	479550.27	3733343.46	479550.27,	0.70749	8.60852	0.02043	0.41055	0.20674	0.02197	2.10E-03	2.67E-02	6.34E-05	6.63E-06	9.61E-07	4.43E-08	2.88E-02	1.0E-05	3.0E-05	1.7E-05	1.6E-05	7.2E-06	3.9E-07	2.4E-06	0.0E+00	0.0E+00	0.0E+00	2.8E-06
851	UCART6	479580.27	3733343.46	479580.27,	0.65183	9.03719	0.02074	0.56313	0.24885	0.02233	1.94E-03	2.80E-02	6.43E-05	9.10E-06	1.16E-06	4.50E-08	3.00E-02	1.0E-05	3.1E-05	1.8E-05	1.6E-05	7.5E-06	4.1E-07	2.5E-06	0.0E+00	0.0E+00	0.0E+00	2.9E-06
852	UCART6	479610.27	3733343.46	479610.27,	0.59696	8.86443	0.02106	0.85514	0.3055	0.0227	1.77E-03	2.74E-02	6.53E-05	1.38E-05	1.42E-06	4.58E-08	2.93E-02	1.0E-05	3.1E-05	1.8E-05	1.6E-05	7.3E-06	4.0E-07	2.5E-06	0.0E+00	0.0E+00	0.0E+00	2.9E-06
853	UCART6	479640.27	3733343.46	479640.27,	0.54352	8.07159	0.02137	1.59847	0.37931	0.02306	1.61E-03	2.50E-02	6.63E-05	2.58E-05	1.76E-06	4.65E-08	2.67E-02	9.2E-06	2.8E-05	1.6E-05	1.5E-05	6.7E-06	3.6E-07	2.2E-06	0.0E+00	0.0E+00	0.0E+00	2.6E-06
854	UCART6	479670.27	3733343.46	479670.27,	0.49207	6.5805	0.02172	5.59048	0.46503	0.02347	1.46E-03	2.04E-02	6.74E-05	9.03E-05	2.16E-06	4.73E-08	2.20E-02	7.6E-06	2.3E-05	1.3E-05	1.2E-05	5.5E-06	3.0E-07	1.8E-06	0.0E+00	0.0E+00	0.0E+00	2.1E-06
855	UCART6	479490.27	3733373.46	479490.27,	0.66753	11.0344	0.0199	0.25859	0.16534	0.02138	1.98E-03	3.42E-02	6.17E-05	4.18E-06	7.69E-07	4.31E-08	3.62E-02	1.3E-05	3.8E-05	2.2E-05	2.0E-05	9.1E-06	4.9E-07	3.0E-06	0.0E+00	0.0E+00	0.0E+00	3.5E-06
856	UCART6	479520.27	3733373.46	479520.27,	0.63358	16.1311	0.0202	0.32108	0.19616	0.02171	1.88E-03	4.99E-02	6.27E-05	5.19E-06	9.12E-07	4.38E-08	5.19E-02	1.8E-05	5.4E-05	3.1E-05	2.8E-05	1.3E-05	7.1E-07	4.3E-06	0.0E+00	0.0E+00	0.0E+00	5.1E-06
857	UCART6	479550.27	3733373.46	479550.27,	0.59494	18.1328	0.0205	0.41488	0.23907	0.02205	1.77E-03	5.61E-02	6.36E-05	6.70E-06	1.11E-06	4.44E-08	5.80E-02	2.0E-05	6.1E-05	3.5E-05	3.2E-05	1.5E-05	7.9E-07	4.9E-06	0.0E+00	0.0E+00	0.0E+00	5.6E-06
858	UCART6	479580.27	3733373.46	479580.27,	0.55407	18.6855	0.0208	0.56859	0.30209	0.0224	1.65E-03	5.79E-02	6.45E-05	9.19E-06	1.40E-06	4.52E-08	5.96E-02	2.1E-05	6.2E-05	3.6E-05	3.3E-05	1.5E-05	8.1E-07	5.0E-06	0.0E+00	0.0E+00	0.0E+00	5.8E-06
859	UCART6	479610.27	3733373.46	479610.27,	0.51243	18.3402	0.02112	0.86287	0.40228	0.02276	1.52E-03	5.68E-02	6.55E-05	1.39E-05	1.87E-06	4.59E-08	5.84E-02	2.0E-05	6.1E-05	3.5E-05	3.2E-05	1.5E-05	7.9E-07	4.9E-06	0.0E+00	0.0E+00	0.0E+00	5.7E-06
860	UCART6	479640.27	3733373.46	479640.27,	0.47101	16.8292	0.02145	1.61491	0.57483	0.02314	1.40E-03	5.21E-02	6.66E-05	2.61E-05	2.67E-06	4.66E-08	5.36E-02	1.9E-05	5.6E-05	3.2E-05	2.9E-05	1.3E-05	7.3E-07	4.5E-06	0.0E+00	0.0E+00	0.0E+00	5.2E-06
861	UCART6	479670.27	3733373.46	479670.27,	0.43057	12.4448	0.0218	5.68557	0.85324	0.02355	1.28E-03	3.85E-02	6.76E-05	9.18E-05	3.97E-06	4.75E-08	4.00E-02	1.4E-05	4.2E-05	2.4E-05	2.2E-05	1.0E-05	5.4E-07	3.3E-06	0.0E+00	0.0E+00	0.0E+00	3.9E-06
862	UCART7	479575.27	3733098.6	479575.27,	7.7978	0.69111	0.02011	0.43692	0.08665	0.02169	2.32E-02	2.14E-03	6.24E-05	7.06E-06	4.03E-07	4.37E-08	2.54E-02	8.8E-06	2.7E-05	1.5E-05	1.4E-05	6.4E-06	3.5E-07	2.1E-06	0.0E+00	0.0E+00	0.0E+00	2.5E-06
863	UCART7	479605.27	3733098.6	479605.27,	7.16236	0.71888	0.02014	0.66336	0.09062	0.02203	2.13E-02	2.23E-03	6.33E-05	1.07E-05	4.21E-07	4.40E-08	2.36E-02	8.2E-06	2.5E-05	1.4E-05	1.3E-05	5.9E-06	3.2E-07	2.0E-06	0.0E+00	0.0E+00	0.0E+00	2.3E-06
864	UCART7	479635.27	3733098.6	479635.27,	6.40364	0.73552	0.02072	1.21955	0.09487	0.0224	1.90E-02	2.28E-03	6.43E-05	1.97E-05	4.41E-07	4.52E-08	2.14E-02	7.4E-06	2.2E-05	1.3E-05	1.2E-05	5.4E-06	2.9E-07	1.8E-06	0.0E+00	0.0E+00	0.0E+00	2.1E-06
865	UCART7	479665.27	3733098.6	479665.27,	4.87743	0.73781	0.02107	3.58732	0.09932	0.02279	1.45E-02	2.28E-03	6.54E-05	5.80E-05	4.62E-07	4.59E-08	1.69E-02	5.8E-06	1.8E-05	1.0E-05	9.3E-06	4.2E-06	2.3E-07	1.4E-06	0.0E+00	0.0E+00	0.0E+00	1.6E-06
866	UCART7	479575.27	3733128.6	479575.27,	4.06913	0.8365	0.02018	0.45765	0.09386	0.02176	1.21E-02	2.59E-03	6.26E-05	7.39E-06	4.36E-07	4.39E-08	1.48E-02	5.1E-06	1.5E-05	8.9E-06	8.1E-06	3.7E-06	2.0E-07	1.2E-06	0.0E+00	0.0E+00	0.0E+00	1.4E-06
867	UCART7	479605.27	3733128.6	479605.27,	3.65506	0.87039	0.02048	0.69219	0.09863	0.0221	1.09E-02	2.69E-03	6.35E-05	1.12E-05	4.58E-07	4.46E-08	1.36E-02	4.7E-06	1.4E-05	8.2E-06	7.5E-06	3.4E-06	1.9E-07	1.1E-06	0.0E+00	0.0E+00	0.0E+00	1.3E-06
868	UCART7	479635.27	3733128.6	479635.27,	3.16907	0.88747	0.0208	1.2611	0.10375	0.02248	9.42E-03	2.75E-03	6.45E-05	2.04E-05	4.82E-07	4.53E-08	1.22E-02	4.2E-06	1.3E-05	7.4E-06	6.7E-06	3.1E-06	1.7E-07	1.0E-06	0.0E+00	0.0E+00	0.0E+00	1.2E-06
869	UCART7	479665.27	3733128.6	479665.27,	2.54383	0.88342	0.02114	3.67236	0.10904	0.02287	7.56E-03	2.74E-03	6.56E-05	5.93E-05	5.07E-07	4.61E-08	1.04E-02	3.6E-06	1.1E-05	6.3E-06	5.7E-06	2.6E-06	1.4E-07	8.7E-07	0.0E+00	0.0E+00	0.0E+00	1.0E-06
870	UCART7	479575.27	3733158.6	479575.27,	2.71022	1.03203	0.02025	0.47416	0.10255	0.02183	8.05E-03	3.20E-03	6.28E-05	7.66E-06	4.77E-07	4.40E-08	1.13E-02	3.9E-06	1.2E-05	6.8E-06	6.2E-06	2.8E-06	1.5E-07	9.5E-07	0.0E+00	0.0E+00	0.0E+00	1.1E-06
871	UCART7	479605.27	3733158.6	479605.27,	2.39192	1.07397	0.02056	0.71447	0.10844	0.02218	7.11E-03	3.33E-03	6.38E-05	1.15E-05	5.04E-07	4.47E-08	1.05E-02	3.6E-06	1.1E-05	6.4E-06	5.8E-06	2.6E-06	1.4E-07	8.8E-07	0.0E+00	0.0E+00	0.0E+00	1.0E-06
872	UCART7	479635.27	3733158.6	479635.27,	2.06964	1.08893	0.02088	1.29206	0.1147	0.02256	6.15E-03	3.37E-03	6.48E-05	2.09E-05	5.33E-07	4.55E-08	9.61E-03	3.3E-06	1.0E-05	5.8E-06	5.3E-06	2.4E-06	1.3E-07	8.0E-07	0.0E+00	0.0E+00	0.0E+00	9.4E-07
873	UCART7	479665.27	3733158.6	479665.27,	1.71557	1.07291	0.02121	3.74353	0.12112	0.02295	5.10E-03	3.32E-03	6.58E-05	6.05E-05	5.63E-07	4.63E-08	8.55E-03	3.0E-06	8.9E-06	5.2E-06	4.7E-06	2.1E-06	1.2E-07	7.2E-07	0.0E+00	0.0E+00	0.0E+00	8.3E-07
874	UCART7	479575.27	3733188.6	479575.27,	1.99252	1.30427	0.02032	0.48738	0.11318	0.0219	5.92E-03	4.04E-03	6.30E-05	7.87E-06	5.26E-07	4.41E-08	1.00E-02	3.5E-06	1.0E-05	6.1E-06	5.5E-06	2.5E-06	1.4E-07	8.4E-07	0.0E+00	0.0E+00	0.0E+00	9.8E-07
875	UCART7	479605.27	3733188.6	479605.27,	1.74592	1.35459	0.02062	0.73114	0.12056	0.02225	5.19E-03	4.19E-03	6.40E-05	1.18E-05	5.66E-07	4.49E-08	9.46E-03	3.3E-06	9.9E-06	5.7E-06	5.2E-06	2.4E-06	1.3E-07	7.9E-07	0.0E+00	0.0E+00	0.0E+00	9.2E-07
876	UCART7	479635.27	3733188.6	479635.27,	1.51571	1.36386	0.02095	1.31645	0.12851	0.02263	4.50E-03	4.22E-03	6.50E-05	2.13E-05	5.97E-07	4.56E-08	8.81E-03	3.1E-06	9.2E-06	5.3E-06	4.8E-06	2.2E-06	1.2E-07	7.4E-07	0.0E+00	0.0E+00	0.0E+00	8.6E-07
877	UCART7	479665.27	3733188.6	479665.27,	1.28413	1.32844	0.0213	3.81165	0.13671	0.02303	3.82E-03	4.11E-03	6.61E-05	6.16E-05	6.35E-07	4.64E-08	8.06E-03	2.8E-06	8.4E-06	4.9E-06	4.4E-06	2.0E-06	1.1E-07	6.7E-07	0.0E+00	0.0E+00	0.0E+00	7.8E-07
878	UCART8	479378	3732025.27	479378, 37	0.07727	0.04595	0.01614	0.02879	0.02467	0.01724	2.30E-04	1.42E-04	5.01E-05	4.65E-07	1.15E-07	3.48E-08	4.23E-04	1.5E-07	4.4E-07	2.6E-07	2.3E-07	1.1E-07	5.7E-09	3.5E-08	0.0E+00	0.0E+00	0.0E+00	4.1E-08
879	UCART8	479428	3732025.27	479428, 37	0.07991	0.04727	0.01648	0.02948	0.02519	0.01762	2.37E-04	1.46E-04	5.11E-05	4.76E-07	1.17E-07	3.55E-08	4.36E-04	1.5E-07	4.6E-07	2.6E-07	2.4E-07	1.1E-07	5.9E-09	3.6E-08	0.0E+00	0.0E+00	0.0E+00	4.2E-08
880	UCART8	479478	3732025.27	479478, 37	0.08255	0.04865	0.01684	0.03027	0.0258	0.01803	2.45E-04	1.51E-04	5.22E-05	4.89E-07	1.20E-07	3.63E-08	4.49E-04	1.6E-07	4.7E-07	2.7E-07	2.5E-07	1.1E-07	6.1E-09	3.8E-08	0.0E+00	0.0E+00	0.0E+00	4.4E-08
881	UCART8	479528	3732025.27	479528, 37	0.08488	0.04987	0.0172	0.03108	0.02641	0.01844	2.52E-04	1.54E-04	5.34E-05	5.02E-07	1.23E-07	3.72E-08	4.61E-04	1.6E-07	4.8E-07	2.8E-07	2.5E-07	1.2E-07	6.3E-09	3.9E-08	0.0E+00	0.0E+00	0.0E+00	4.5E-08
882	UCART8	479578	3732025.27	479578, 37	0.08666	0.05083	0.01753	0.03182	0.02695	0.01882	2.57E-04	1.57E-04	5.44E-05	5.14E-07	1.25E-07	3.79E-08	4.70E-04	1.6E-07	4.9E-07	2.8E-07	2.6E-07	1.2E-07	6.4E-09	3.9E-08	0.0E+00	0.0E+00	0.0E+00	4.6E-08
883	UCART8	479628	3732025.27	479628, 37	0.08779	0.05154	0.01784	0.03245	0.02741	0.01916	2.61E-04	1.60E-04	5.54E-05	5.24E-07	1.27E-07	3.86E-08	4.76E-04	1.6E-07	5.0E-07	2.9E-07	2.6E-07	1.2E-07	6.5E-09	4.0E-08	0.0E+00	0.0E+00	0.0E+00	4.6E-08
884	UCART8	479678	3732025.27	479678, 37	0.08865	0.05216	0.01816	0.03311	0.02791	0.01952	2.63E-04	1.62E-04	5.63E-05	5.35E-07	1.30E-07	3.93E-08	4.82E-04	1.7E-07	5.0E-07	2.9E-07	2.6E-07	1.2E-07	6.6E-09	4.0E-08	0.0E+00	0.0E+00	0.0E+00	4.7E-08
885	UCART8	479378	3732075.27	479378, 37	0.08343	0.04825	0.01623	0.02981	0.02532	0.01736	2.48E-04	1.49E-04	5.04E-05	4.82E-07	1.18E-07	3.50E-08	4.48E-04	1.6E-07	4.7E-07	2.7E-07	2.5E-07	1.1E-07	6.1E-09	3.8E-08	0.0E+00	0.0E+00	0.0E+00	4.4E-08
886	UCART8	479428	3732075.27	479428, 37	0.08657	0.04973	0.0166	0.03058	0.0259	0.01777	2.57E-04	1.54E-04	5.15E-05	4.94E-07	1.20E-07	3.58E-08	4.63E-04	1.6E-07	4.8E-07	2.8E-07	2.5E-07	1.2E-07	6.3E-09	3.9E-08	0.0E+00	0.0E+00	0.0E+00	4.5E-08
887	UCART8	479478	3732075.27	479478, 37	0.08835	0.05136	0.01696	0.03134	0.02648	0.01817	2.66E-04	1.57E-04	5.26E-05	5.07E-07	1.23E-07	3.68E-08	4.77E-04	1.7E-07	5.0E-07	2.8E-07	2.6E-07	1.2E-07	6.5E-09	4.0E-08	0.0E+00	0.0E+00	0.0E+00	4.6E-08
888	UCART8	479528	3732075.27	479528, 37	0.09235	0.05258	0.01736	0.03232	0.0272	0.01864	2.74E-04	1.63E-04	5.39E-05	5.22E-07	1.26E-07	3.76E-08	4.92E-04	1.7E-07	5.1E-07	3.0E-07	2.7E-07	1.2E-07	6.7E-09	4.1E-08	0.0E+00	0.0E+00	0.0E+00	4.8E-08
889	UCART8	479578	3732075.27	479578, 37	0.09452	0.05369	0.01773	0.03316	0.0278	0.01906	2.81E-04	1.66E-04	5.50E-05	5.36E-07	1.29E-07	3.84E-08	5.03E-04	1.7E-07	5.3E-07	3.0E-07	2.8E-07	1.3E-07	6.8E-09	4.2E-08	0.0E+00	0.0E+00	0.0E+00	4.9E-08
890	UCART8	479628	3732075.27	479628, 37	0.09611	0.05459	0.01808	0.03394	0.02837	0.01946	2.86E-04	1.69E-04	5.61E-05	5.48E-07	1.32E-07	3.92E-08	5.11E-04	1.8E-07	5.3E-07	3.1E-07	2.8E-07	1.3E-07	7.0E-09	4.3E-08	0.0E+00	0.0E+00	0.0E+00	5.0E-08
891	UCART8	479678	3732075.27	479678, 37	0.0973	0.05538	0.01844	0.03472	0.02895	0.01988	2.89E-04	1.71E-04	5.72E-05	5.61E-07	1.35E-07	4.01E-08	5.19E-04	1.8E-07	5.4E-07	3.1E-07	2.8E-07	1.3E-07	7.1E-09	4.3E-08	0.0E+00	0.0E+00	0.0E+00	5.0E-08
892	UCART8	479378	3732125.27	479378, 37	0.0909	0.05098	0.01634	0.03101	0.02608	0.01748	2.70E-04	1.58E-04	5.07E-05	5.01E-07	1.21E-07	3.52E-08	4.79E-04	1.7E-07	5.0E-07	2.9E-07	2.6E-07	1.2E-07	6.5E-09	4.0E-08	0.0E+00	0.0E+00	0.0E+00	4.7E-08
893	UCART8	479428	3732125.27	479428, 37	0.09457	0.0526	0.01673	0.03186	0.02671	0.01791	2.81E-04	1.63E-04	5.19E-05	5.15E-07	1.24E-07	3.61E-08	4.96E-04	1.7E-07	5.2E-07	3.0E-07	2.7E-07	1.2E-07	6.8E-09	4.2E-08	0.0E+00	0.0E+00	0.0E+00	4.8E-08
894	UCART8	479478	3732125.27	479478, 37	0.09763	0.05398	0.01708	0.03264	0.02728	0.01832	2.90E-04	1.67E-04	5.30E-05	5.27E-07	1.27E-07	3.69E-08	5.11E-04	1.8E-07	5.3E-07	3.1E-07	2.8E-07	1.3E-07	6.9E-09	4.3E-08	0.0E+00	0.0E+00	0.0E+00	5.0E-08
895	UCART8	479528	3732125.27	479528, 37	0.10105	0.05557	0.0175	0.03368	0.02802	0.01881	3.00E-04	1.72E-04	5.43E-05	5.44E-07	1.30E-07	3.79E-08	5.27E-04	1.8E-07	5.5E-07	3.2E-07	2.9E-07	1.3E-07	7.2E-09	4.4E-08	0.0E+00	0.0E+00	0.0E+00	5.1E-08
896	UCART8	479578	3732125.27	479578, 37	0.10339	0.05674	0.01788	0.03454	0.02863	0.01924	3.07E-04	1.76E-04	5.55E-05	5.58E-07	1.33E-07	3.88E-08	5.39E-04	1.9E-07	5.6E-07	3.3E-07	3.0E-07	1.3E-07	7.3E-09	4.5E-08	0.0E+00	0.0E+00	0.0E+00	5.2E-08
897	UCART8	479628	3732125.27	479628, 37	0.10515	0.05773	0.01825	0.03539	0.02923	0.01966	3.12E-04	1.79E-04	5.66E-05	5.72E-07	1.36E-07	3.96E-08	5.49E-04	1.9E-07	5.7E-07	3.3E-07	3.0E-07	1.4E-07	7.5E-09	4.6E-08	0.0E+00	0.0E+00	0.0E+00	5.3E-08
898	UCART8	479678	3732125.27	479678, 37	0.1067	0.05871	0.01865	0.03631	0.02999	0.02013	3.17E-04	1.82E-04	5.78E-05	5.87E-07	1.39E-07	4.06E-08	5.57E-04	1.9E-07	5.8E-07	3.4E-07	3.1E-07	1.4E-07	7.6E-09	4.7E-08	0.0E+00	0.0E+00	0.0E+00	5.4E-08
899	UCART8	479378	3732175.27	479378, 37	0.09929	0.05382	0.01642	0.03223	0.02682	0.01757	2.95E-04	1.67E-04	5.09E-05	5.21E-07	1.25E-07	3.54E-08	5.13E-04	1.8E-07	5.4E-07	3.1E-07	2.8E-07	1.3E-07	7.0E-09	4.3E-08	0.0E+00	0.0E+00	0.0E+00	5.0E-08
900	UCART8	479428	3732175.27	479428, 37	0.10354	0.05556	0.01681	0.03314	0.02747	0.01801	3.08E-04	1.72E-04	5.22E-05	5.35E-07	1.28E-07	3.63E-08	5.33E-04	1.8E-07	5.6E-07	3.2E-07	2.9E-07	1.3E-07	7.2E-09	4.5E-08	0.0E+00	0.0E+00	0.0E+00	5.2E-08
901	UCART8	479478	3732175.27	479478, 37	0.10748	0.05723	0.0172	0.03409	0.02815	0.01846	3.19E-04	1.77E-04	5.34E-05	5.51E-07	1.31E-07	3.72E-08	5.51E-04	1.9E-07	5.8E-07	3.3E-07	3.0E-07	1.4E-07	7.5E-09	4.6E-08	0.0E+00	0.0E+00	0.0E+00	5.4E-08
902	UCART8	479528	3732175.27	479528, 37	0.11096	0.05877	0.0176	0.03507	0.02884	0.01892	3.30E-04	1.82E-04	5.46E-05	5.67E-07	1.34E-07	3.81E-08	5.67E-04	2.0E-07	5.9E-07	3.4E-07	3.1E-07	1.4E-07	7.7E-09	4.7E-08	0.0E+00	0.0E+00	0.0E+00	5.5E-08
903	UCART8	479578	3732175.27	479578, 37	0.11359	0.06005	0.01799	0.03601	0.02947	0.01937	3.37E-04	1.86E-04	5.58E-05	5.82E-07	1.37E-07	3.90E-08	5.80E-04	2.0E-07	6.1E-07	3.5E-07	3.2E-07	1.5E-07	7.9E-09	4.9E-08	0.0E+00	0.0E+00	0.0E+00	5.6E-08
904	UCART8	479628	3732175.27	479628, 37	0.11569	0.06121	0.01839	0.03697	0.03013	0.01983	3.44E-04	1.90E-04	5.71E-05	5.97E-07	1.40E-07	4.00E-08	5.91E-04	2.0E-07	6.2E-07	3.6E-07	3.2E-07	1.5E-07	8.0E-09	5.0E-08	0.0E+00	0.0E+00	0.0E+00	5.8E-08
905	UCART8	479678	3732175.27	479678, 37	0.11711	0.06222	0.0188	0.03794	0.03081	0.02031	3.48E-04	1.93E-04	5.83E-05	6.13E-07	1.43E-07	4.09E-08	6.00E-04	2.1E-07	6.3E-07	3.6E-07	3.3E-07	1.5E-07	8.2E-09	5.0E-08	0.0E+00	0.0E+00	0.0E+00	5.8E-08
906	UCART8	479378	3732225.27	479378, 37	0.10947	0.05713	0.0165	0.03364	0.02766	0.01766	3.25E-04	1.77E-04	5.12E-05	5.43E-07	1.29E-07	3.56E-08	5.54E-04	1.9E-07	5.8E-07	3.4E-07	3.0E-07	1.4E-07	7.5E-09	4.6E-08	0.0E+00	0.0E+00	0.0E+00	5.4E-08
907	UCART8	479428	3732225.27	479428, 37	0.11473	0.0591	0.01692	0.0347	0.0284	0.01814	3.41E-04	1.83E-04	5.25E-05	5.61E-07	1.32E-07	3.66E-08	5.77E-04	2.0E-07	6.0E-07	3.5E-07	3.2E-07	1.4E-07	7.8E-09	4.8E-08	0.0E+00	0.0E+00	0.0E+00	5.6E-08
908	UCART8	479478	3732225.27	479478, 37	0.11906	0.06079	0.0173	0.03565	0.02905	0.01858	3.54E-04	1.88E-04	5.37E-05	5.76E-07	1.35E-07	3.75E-08	5.96E-04	2.1E-07	6.2E-07	3.6E-07	3.3E-07	1.5E-07	8.1E-09	5.0E-08	0.0E+00	0

984	UCART8	479428	3732775.27	479428, 37	0.92745	0.15461	0.01795	0.07566	0.04392	0.0193	2.76E-03	4.79E-04	5.57E-05	1.22E-06	2.04E-07	3.89E-08	3.29E-03	1.1E-06	3.4E-06	2.0E-06	1.8E-06	8.2E-07	4.5E-08	2.8E-07	0.0E+00	0.0E+00	0.0E+00	3.2E-07
985	UCART8	479478	3732775.27	479478, 37	1.01017	0.16399	0.01837	0.08324	0.04571	0.01978	3.00E-03	5.08E-04	5.70E-05	1.34E-06	2.12E-07	3.99E-08	3.57E-03	1.2E-06	3.7E-06	2.2E-06	2.0E-06	8.9E-07	4.9E-08	3.0E-07	0.0E+00	0.0E+00	0.0E+00	3.5E-07
986	UCART8	479528	3732775.27	479528, 37	1.04201	0.1737	0.01883	0.09204	0.04763	0.02031	3.10E-03	5.38E-04	5.84E-05	1.49E-06	2.21E-07	4.09E-08	3.69E-03	1.3E-06	3.9E-06	2.2E-06	2.0E-06	9.2E-07	5.0E-08	3.1E-07	0.0E+00	0.0E+00	0.0E+00	3.6E-07
987	UCART8	479578	3732775.27	479578, 37	1.00538	0.1816	0.01922	0.10068	0.04934	0.02077	2.99E-03	5.62E-04	5.96E-05	1.63E-06	2.29E-07	4.19E-08	3.61E-03	1.2E-06	3.8E-06	2.2E-06	2.0E-06	9.0E-07	4.9E-08	3.0E-07	0.0E+00	0.0E+00	0.0E+00	3.5E-07
988	UCART8	479628	3732775.27	479628, 37	0.93367	0.18952	0.01971	0.11115	0.05137	0.02133	2.77E-03	5.87E-04	6.12E-05	1.80E-06	2.39E-07	4.30E-08	3.42E-03	1.2E-06	3.6E-06	2.1E-06	1.9E-06	8.6E-07	4.7E-08	2.9E-07	0.0E+00	0.0E+00	0.0E+00	3.3E-07
989	UCART8	479678	3732775.27	479678, 37	0.83197	0.19671	0.0203	0.12304	0.05369	0.02201	2.47E-03	6.09E-04	6.30E-05	1.99E-06	2.50E-07	4.44E-08	3.15E-03	1.1E-06	3.3E-06	1.9E-06	1.7E-06	7.9E-07	4.3E-08	2.6E-07	0.0E+00	0.0E+00	0.0E+00	3.1E-07
990	UCART8	479378	3732825.27	479378, 37	1.18244	0.16545	0.01767	0.07609	0.04448	0.01897	3.51E-03	5.12E-04	5.48E-05	1.23E-06	2.07E-07	3.82E-08	4.08E-03	1.4E-06	4.3E-06	2.5E-06	2.2E-06	1.0E-06	5.6E-08	3.4E-07	0.0E+00	0.0E+00	0.0E+00	4.0E-07
991	UCART8	479428	3732825.27	479428, 37	1.37604	0.17604	0.01804	0.08459	0.0463	0.01939	4.09E-03	5.45E-04	5.60E-05	1.37E-06	2.15E-07	3.91E-08	4.69E-03	1.6E-06	4.9E-06	2.8E-06	2.6E-06	1.2E-06	6.4E-08	3.9E-07	0.0E+00	0.0E+00	0.0E+00	4.6E-07
992	UCART8	479478	3732825.27	479478, 37	1.51216	0.18894	0.01852	0.09608	0.04853	0.01994	4.49E-03	5.85E-04	5.75E-05	1.55E-06	2.26E-07	4.02E-08	5.14E-03	1.8E-06	5.4E-06	3.1E-06	2.8E-06	1.3E-06	7.0E-08	4.3E-07	0.0E+00	0.0E+00	0.0E+00	5.0E-07
993	UCART8	479528	3732825.27	479528, 37	1.53811	0.20119	0.01899	0.10946	0.05071	0.02047	4.57E-03	6.23E-04	5.89E-05	1.77E-06	2.36E-07	4.13E-08	5.25E-03	1.8E-06	5.5E-06	3.2E-06	2.9E-06	1.3E-06	7.1E-08	4.4E-07	0.0E+00	0.0E+00	0.0E+00	5.1E-07
994	UCART8	479578	3732825.27	479578, 37	1.45626	0.21156	0.01939	0.12401	0.05274	0.02095	4.33E-03	6.55E-04	6.02E-05	2.00E-06	2.45E-07	4.22E-08	5.04E-03	1.7E-06	5.3E-06	3.1E-06	2.8E-06	1.3E-06	6.9E-08	4.2E-07	0.0E+00	0.0E+00	0.0E+00	4.9E-07
995	UCART8	479628	3732825.27	479628, 37	1.3092	0.22097	0.01986	0.14111	0.05498	0.02149	3.89E-03	6.84E-04	6.16E-05	2.28E-06	2.56E-07	4.33E-08	4.64E-03	1.6E-06	4.8E-06	2.8E-06	2.5E-06	1.2E-06	6.3E-08	3.9E-07	0.0E+00	0.0E+00	0.0E+00	4.5E-07
996	UCART8	479678	3732825.27	479678, 37	1.1153	0.22869	0.02041	0.1603	0.05748	0.02213	3.31E-03	7.08E-04	6.33E-05	2.59E-06	2.67E-07	4.46E-08	4.09E-03	1.4E-06	4.3E-06	2.5E-06	2.2E-06	1.0E-06	5.6E-08	3.4E-07	0.0E+00	0.0E+00	0.0E+00	4.0E-07
997	UCART8	479378	3732875.27	479378, 37	1.9249	0.19075	0.01782	0.08407	0.04713	0.01912	5.72E-03	5.91E-04	5.53E-05	1.36E-06	2.19E-07	3.85E-08	6.37E-03	2.2E-06	6.7E-06	3.9E-06	3.5E-06	1.6E-06	8.7E-08	5.3E-07	0.0E+00	0.0E+00	0.0E+00	6.2E-07
998	UCART8	479428	3732875.27	479428, 37	2.2902	0.20467	0.0182	0.09574	0.04928	0.01956	6.80E-03	6.34E-04	5.65E-05	1.55E-06	2.29E-07	3.94E-08	7.50E-03	2.6E-06	7.8E-06	4.5E-06	4.1E-06	1.9E-06	1.0E-07	6.3E-07	0.0E+00	0.0E+00	0.0E+00	7.3E-07
999	UCART8	479478	3732875.27	479478, 37	2.47429	0.2202	0.01865	0.11165	0.05168	0.02007	7.35E-03	6.82E-04	5.79E-05	1.80E-06	2.40E-07	4.05E-08	8.09E-03	2.8E-06	8.5E-06	4.9E-06	4.4E-06	2.0E-06	1.1E-07	6.8E-07	0.0E+00	0.0E+00	0.0E+00	7.9E-07
1000	UCART8	479528	3732875.27	479528, 37	2.47341	0.23577	0.01911	0.13278	0.05417	0.0206	7.35E-03	7.30E-04	5.93E-05	2.14E-06	2.52E-07	4.15E-08	8.14E-03	2.8E-06	8.5E-06	4.9E-06	4.5E-06	2.0E-06	1.1E-07	6.8E-07	0.0E+00	0.0E+00	0.0E+00	7.9E-07
1001	UCART8	479578	3732875.27	479578, 37	2.30574	0.25018	0.01956	0.16046	0.05669	0.02113	6.85E-03	7.75E-04	6.07E-05	2.59E-06	2.64E-07	4.26E-08	7.69E-03	2.7E-06	8.0E-06	4.7E-06	4.2E-06	1.9E-06	1.0E-07	6.4E-07	0.0E+00	0.0E+00	0.0E+00	7.5E-07
1002	UCART8	479628	3732875.27	479628, 37	2.02213	0.26313	0.02008	0.19661	0.05948	0.02172	6.01E-03	8.15E-04	6.23E-05	3.18E-06	2.76E-07	4.38E-08	6.89E-03	2.4E-06	7.2E-06	4.2E-06	3.8E-06	1.7E-06	9.4E-08	5.8E-07	0.0E+00	0.0E+00	0.0E+00	6.7E-07
1003	UCART8	479678	3732875.27	479678, 37	1.63011	0.27233	0.02065	0.2376	0.06242	0.02238	4.84E-03	8.43E-04	6.41E-05	3.84E-06	2.90E-07	4.51E-08	5.75E-03	2.0E-06	6.0E-06	3.5E-06	3.2E-06	1.4E-06	7.8E-08	4.8E-07	0.0E+00	0.0E+00	0.0E+00	5.6E-07
1004	UCART1	479704.31	3733711.83	479704.31,	0.14112	0.70803	0.02249	3.40537	3.86564	0.02435	4.19E-04	2.19E-03	6.98E-05	5.50E-05	1.80E-05	4.91E-08	2.75E-03	9.5E-07	2.9E-06	1.7E-06	1.5E-06	6.9E-07	3.7E-08	2.3E-07	0.0E+00	0.0E+00	0.0E+00	2.7E-07
1005	UCART1	479754.31	3733711.83	479754.31,	0.13254	0.58326	0.02313	3.35536	3.79264	0.0251	3.94E-04	1.81E-03	7.18E-05	5.42E-05	1.75E-05	5.06E-08	2.34E-03	8.1E-07	2.4E-06	1.4E-06	1.3E-06	5.9E-07	3.2E-08	2.0E-07	0.0E+00	0.0E+00	0.0E+00	2.3E-07
1006	UCART1	479804.31	3733711.83	479804.31,	0.12391	0.47131	0.0238	3.28924	3.69536	0.02589	3.68E-04	1.46E-03	7.38E-05	5.31E-05	1.72E-05	5.22E-08	1.97E-03	6.8E-07	2.1E-06	1.2E-06	1.1E-06	4.9E-07	2.7E-08	1.7E-07	0.0E+00	0.0E+00	0.0E+00	1.9E-07
1007	UCART1	479854.31	3733711.83	479854.31,	0.11548	0.37972	0.02452	3.24416	3.62453	0.02672	3.43E-04	1.18E-03	7.61E-05	5.24E-05	1.68E-05	5.39E-08	1.66E-03	5.8E-07	1.7E-06	1.0E-06	9.1E-07	4.2E-07	2.3E-08	1.4E-07	0.0E+00	0.0E+00	0.0E+00	1.6E-07
1008	UCART1	479904.31	3733711.83	479904.31,	0.1074	0.3082	0.02528	3.20238	3.55895	0.02761	3.19E-04	9.54E-04	7.84E-05	5.17E-05	1.65E-05	5.57E-08	1.42E-03	4.9E-07	1.5E-06	8.6E-07	7.8E-07	3.6E-07	1.9E-08	1.2E-07	0.0E+00	0.0E+00	0.0E+00	1.4E-07
1009	UCART1	479954.31	3733711.83	479954.31,	0.09977	0.25344	0.0261	3.16603	3.50054	0.02858	2.96E-04	7.85E-04	8.10E-05	5.11E-05	1.63E-05	5.76E-08	1.23E-03	4.3E-07	1.3E-06	7.4E-07	6.7E-07	3.1E-07	1.7E-08	1.0E-07	0.0E+00	0.0E+00	0.0E+00	1.2E-07
1010	UCART1	480004.31	3733711.83	480004.31,	0.09265	0.21161	0.02697	3.13444	3.44811	0.02962	2.75E-04	6.55E-04	8.37E-05	5.06E-05	1.60E-05	5.97E-08	1.08E-03	3.7E-07	1.1E-06	6.5E-07	5.9E-07	2.7E-07	1.5E-08	9.1E-08	0.0E+00	0.0E+00	0.0E+00	1.1E-07
1011	UCART1	480054.31	3733711.83	480054.31,	0.08609	0.17941	0.0279	3.10329	3.39657	0.03072	2.56E-04	5.56E-04	8.66E-05	5.01E-05	1.58E-05	6.19E-08	9.64E-04	3.3E-07	1.0E-06	5.8E-07	5.3E-07	2.4E-07	1.3E-08	8.1E-08	0.0E+00	0.0E+00	0.0E+00	9.4E-08
1012	UCART1	480104.31	3733711.83	480104.31,	0.08009	0.15432	0.02888	3.07258	3.34605	0.03189	2.38E-04	4.78E-04	8.96E-05	4.96E-05	1.56E-05	6.43E-08	8.71E-04	3.0E-07	9.1E-07	5.3E-07	4.8E-07	2.2E-07	1.2E-08	7.3E-08	0.0E+00	0.0E+00	0.0E+00	8.5E-08
1013	UCART1	480154.31	3733711.83	480154.31,	0.07463	0.13447	0.02994	3.0431	3.29732	0.03316	2.22E-04	4.16E-04	9.29E-05	4.92E-05	1.53E-05	6.68E-08	7.96E-04	2.8E-07	8.3E-07	4.8E-07	4.4E-07	2.0E-07	1.1E-08	6.7E-08	0.0E+00	0.0E+00	0.0E+00	7.7E-08
1014	UCART1	480204.31	3733711.83	480204.31,	0.06967	0.11853	0.03108	3.01375	3.24916	0.03452	2.07E-04	3.67E-04	9.64E-05	4.87E-05	1.51E-05	6.96E-08	7.34E-04	2.5E-07	7.7E-07	4.4E-07	4.0E-07	1.8E-07	1.0E-08	6.2E-08	0.0E+00	0.0E+00	0.0E+00	7.1E-08
1015	UCART1	480254.31	3733711.83	480254.31,	0.06519	0.10555	0.03231	2.9854	3.20271	0.03601	1.94E-04	3.27E-04	1.00E-04	4.82E-05	1.49E-05	7.26E-08	6.84E-04	2.4E-07	7.1E-07	4.1E-07	3.8E-07	1.7E-07	9.3E-09	5.7E-08	0.0E+00	0.0E+00	0.0E+00	6.7E-08
1016	UCART1	480304.31	3733711.83	480304.31,	0.06111	0.09481	0.03363	2.94348	3.14507	0.03763	1.82E-04	2.94E-04	1.04E-04	4.76E-05	1.46E-05	7.59E-08	6.42E-04	2.2E-07	6.7E-07	3.9E-07	3.5E-07	1.6E-07	8.7E-09	5.4E-08	0.0E+00	0.0E+00	0.0E+00	6.2E-08
1017	UCART1	480354.31	3733711.83	480354.31,	0.05741	0.08583	0.03504	2.87545	3.0596	0.03935	1.71E-04	2.66E-04	1.09E-04	4.65E-05	1.42E-05	7.93E-08	6.06E-04	2.1E-07	6.3E-07	3.7E-07	3.3E-07	1.5E-07	8.2E-09	5.1E-08	0.0E+00	0.0E+00	0.0E+00	5.9E-08
1018	UCART1	480404.31	3733711.83	480404.31,	0.0541	0.07828	0.0366	2.85216	3.01826	0.04126	1.61E-04	2.42E-04	1.14E-04	4.61E-05	1.40E-05	8.32E-08	5.77E-04	2.0E-07	6.0E-07	3.5E-07	3.2E-07	1.4E-07	7.8E-09	4.8E-08	0.0E+00	0.0E+00	0.0E+00	5.6E-08
1019	UCART1	480454.31	3733711.83	480454.31,	0.05112	0.07186	0.03831	2.83092	2.98138	0.04337	1.52E-04	2.22E-04	1.19E-04	4.57E-05	1.39E-05	8.74E-08	5.53E-04	1.9E-07	5.8E-07	3.3E-07	3.0E-07	1.4E-07	7.5E-09	4.6E-08	0.0E+00	0.0E+00	0.0E+00	5.4E-08
1020	UCART1	480504.31	3733711.83	480504.31,	0.04841	0.06634	0.0402	2.8075	2.94291	0.0457	1.44E-04	2.05E-04	1.25E-04	4.54E-05	1.37E-05	9.21E-08	5.33E-04	1.8E-07	5.6E-07	3.2E-07	2.9E-07	1.3E-07	7.2E-09	4.5E-08	0.0E+00	0.0E+00	0.0E+00	5.2E-08
1021	UCART1	480554.31	3733711.83	480554.31,	0.04595	0.06156	0.04227	2.78238	2.90313	0.04829	1.37E-04	1.91E-04	1.31E-04	4.49E-05	1.35E-05	9.73E-08	5.17E-04	1.8E-07	5.4E-07	3.1E-07	2.8E-07	1.3E-07	7.0E-09	4.3E-08	0.0E+00	0.0E+00	0.0E+00	5.0E-08
1022	UCART1	480604.31	3733711.83	480604.31,	0.0437	0.05737	0.04458	2.76195	2.86884	0.05118	1.30E-04	1.78E-04	1.38E-04	4.46E-05	1.33E-05	1.03E-07	5.04E-04	1.7E-07	5.3E-07	3.0E-07	2.8E-07	1.3E-07	6.9E-09	4.2E-08	0.0E+00	0.0E+00	0.0E+00	4.9E-08
1023	UCART1	480654.31	3733711.83	480654.31,	0.04164	0.05369	0.04715	2.74401	2.83753	0.05442	1.24E-04	1.66E-04	1.46E-04	4.43E-05	1.32E-05	1.10E-07	4.94E-04	1.7E-07	5.2E-07	3.0E-07	2.7E-07	1.2E-07	6.7E-09	4.1E-08	0.0E+00	0.0E+00	0.0E+00	4.8E-08
1024	UCART1	480704.31	3733711.83	480704.31,	0.03974	0.05043	0.05003	2.7252	2.80552	0.05807	1.18E-04	1.56E-04	1.55E-04	4.40E-05	1.30E-05	1.17E-07	4.87E-04	1.7E-07	5.1E-07	2.9E-07	2.7E-07	1.2E-07	6.6E-09	4.1E-08	0.0E+00	0.0E+00	0.0E+00	4.7E-08
1025	UCART1	480754.31	3733711.83	480754.31,	0.038	0.04752	0.05329	2.70654	2.77407	0.06223	1.13E-04	1.47E-04	1.65E-04	4.37E-05	1.29E-05	1.25E-07	4.82E-04	1.7E-07	5.0E-07	2.9E-07	2.6E-07	1.2E-07	6.6E-09	4.0E-08	0.0E+00	0.0E+00	0.0E+00	4.7E-08
1026	UCART1	480804.31	3733711.83	480804.31,	0.03639	0.04491	0.05699	2.68672	2.74183	0.06699	1.08E-04	1.39E-04	1.77E-04	4.34E-05	1.27E-05	1.35E-07	4.80E-04	1.7E-07	5.0E-07	2.9E-07	2.6E-07	1.2E-07	6.5E-09	4.0E-08	0.0E+00	0.0E+00	0.0E+00	4.7E-08
1027	UCART1	480854.31	3733711.83	480854.31,	0.03491	0.04258	0.06125	2.67479	2.71754	0.07249	1.04E-04	1.32E-04	1.90E-04	4.32E-05	1.26E-05	1.46E-07	4.82E-04	1.7E-07	5.0E-07	2.9E-07	2.6E-07	1.2E-07	6.5E-09	4.0E-08	0.0E+00	0.0E+00	0.0E+00	4.7E-08
1028	UCART1	479704.31	3733761.83	479704.31,	0.12654	0.53423	0.02246	0.8156	0.89312	0.0243	3.76E-04	1.65E-03	6.97E-05	1.32E-05	4.15E-06	4.90E-08	2.12E-03	7.3E-07	2.2E-06	1.3E-06	1.2E-06	5.3E-07	2.9E-08	1.8E-07	0.0E+00	0.0E+00	0.0E+00	2.1E-07
1029	UCART1	479754.31	3733761.83	479754.31,	0.11197	0.4584	0.02231	0.87568	0.96626	0.02504	3.56E-04	1.42E-03	7.17E-05	1.41E-05	4.49E-06	5.03E-08	1.87E-03	6.5E-07	2.0E-06	1.1E-06	1.0E-06	4.7E-07	2.5E-08	1.6E-07	0.0E+00	0.0E+00	0.0E+00	1.9E-07
1030	UCART1	479804.31	3733761.83	479804.31,	0.11275	0.38626	0.02377	0.87722	0.96894	0.02582	3.35E-04	1.20E-03	7.38E-05	1.42E-05	4.50E-06	5.20E-08	1.62E-03	5.6E-07	1.7E-06	9.8E-07	8.9E-07	4.1E-07	2.2E-08	1.4E-07	0.0E+00	0.0E+00	0.0E+00	1.6E-07
1031	UCART1	479854.31	3733761.83	479854.31,	0.10589	0.323	0.02447	0.86873	0.95981	0.02663	3.15E-04	1.00E-03	7.59E-05	1.40E-05	4.46E-06	5.37E-08	1.41E-03	4.9E-07	1.5E-06	8.5E-07	7.7E-07	3.5E-07	1.9E-08	1.2E-07	0.0E+00	0.0E+00	0.0E+00	1.4E-07
1032	UCART1	479904.31	3733761.83	479904.31,	0.0992	0.27035	0.02522	0.86074	0.95128	0.02752	2.95E-04	8.37E-04	7.82E-05	1.39E-05	4.42E-06	5.55E-08	1.23E-03	4.3E-07	1.3E-06	7.4E-07	6.7E-07	3.1E-07	1.7E-08	1.0E-07	0.0E+00	0.0E+00	0.0E+00	1.2E-07
1033	UCART1	479954.31	3733761.83	479954.31,	0.09282	0.22778	0.02603	0.85326	0.94332	0.02846	2.76E-04	7.05E-04	8.08E-05	1.38E-05	4.39E-06	5.74E-08	1.08E-03	3.7E-07	1.1E-06	6.5E-07	5.9E-07	2.7E-07	1.5E-08	9.0E-08	0.0E+00	0.0E+00	0.0E+00	1.1E-07
1034	UCART1	480004.31	3733761.83	480004.31,	0.08676	0.19378	0.0269	0.84932	0.93928	0.0295	2.58E-04	6.00E-04	8.35E-05	1.37E-05	4.37E-06	5.95E-08	9.59E-04	3.3E-07	1.0E-06	5.8E-07	5.3E-07	2.4E-07	1.3E-08	8.0E-08	0.0E+00	0.0E+00	0.0E+00	9.3E-08
1035	UCART1	480054.31	3733761.83	480054.31,	0.08112	0.16673	0.02781	0.84397	0.93347	0.03057	2.41E-04	5.16E-04	8.63E-05	1.36E-05	4.34E-06	6.16E-08	8.62E-04	3.0E-07	9.0E-07	5.2E-07	4.7E-07	2.2E-07	1.2E-08	7.2E-08	0.0E+00	0.0E+00	0.0E+00	8.4E-08
1036	UCART1	480104.31	3733761.83	480104.31,	0.0759	0.14508	0.02878	0.8374	0.92609	0.03171	2.26E-04	4.49E-04	8.93E-05	1.35E-05	4.30E-06	6.39E-08	7.82E-04	2.7E-07	8.2E-07	4.7E-07	4.3E-07	2.0E-07	1.1E-08	6.5E-08	0.0E+00	0.0E+00	0.0E+00	7.6E-08
1037	UCART1	480154.31	3733761.83	480154.31,	0.07108	0.12759	0.02983	0.83324	0.92126	0.03296	2.11E-04	3.95E-04	9.26E-05	1.35E-05	4.28E-06	6.64E-08	7.17E-04	2.5E-07	7.5E-07	4.3E-07	3.9E-07	1.8E-07	9.7E-09	6.0E-08	0.0E+00	0.0E+00	0.0E+00	7.0E-08
1038	UCART1	480204.31	3733761.83	480204.31,	0.06665	0.11331	0.03096	0.8303	0.91771	0.03432	1.98E-04	3.51E-04	9.61E-05	1.34E-05	4.27E-06	6.92E-08	6.63E-04	2.3E-07	6.9E-07	4.0E-07	3.6E-07	1.7E-07	9.0E-09	5.6E-08	0.0E+00	0.0E+00	0.0E+00	6.5E-08
1039	UCART1	480254.31	3733761.83	480254.31,	0.06258	0.10149	0.03219	0.82914	0.91603	0.03582	1.86E-04	3.14E-04	9.99E-05	1.34E-05	4.26E-06	7.22E-08	6.18E-04	2.1E-07	6.5E-07	3.7E-07	3.4E-07	1.5E-07	8.4E-09	5.2E-08	0.0E+00	0.0E+00	0.0E+00	6.0E-08
1040	UCART1	480304.31	3733761.83	480304.31,	0.05875	0.09148	0.03343	0.82098	0.90659	0.03732	1.75E-04	2.83E-04	1.04E-04	1.33E-05	4.21E-06	7.52E-08	5.79E-04	2.0E-07	6.1E-07	3.5E-07	3.2E-07	1.4E-07	7.9E-09	4.9E-08	0.0E+00	0.0E+00	0.0E+00	5.6E-08
1041	UCART1	480354.31	3733761.83	480354.31,	0.0555	0.08331	0.0349	0.82414	0.90894	0.0391	1.65E-04	2.58E-04	1.08E-04	1.33E-05	4.23E-06	7.88E-08	5.49E-04	1.9E-07	5.7E-07	3.3E-07	3.0E-07	1.4E-07	7.5E-09	4.6E-08	0.0E+00	0.0E+00	0.0E+00	5.3E-08
1042	UCART1	480404.31	3733761.83	480404.31,	0.05248	0.0763	0.03646	0.82091	0.9045	0.041	1.56E-04	2.36E-04	1.13E-04	1.33E-05	4.20E-06	8.26E-08	5.23E-04	1.8E-07	5.5E-07	3.2E-07	2.9E-07	1.3E-07	7.1E-09	4.4E-08	0.0E+00	0.0E+00	0.0E+00	5.1E-08
1043	UCART1	480454.31	3733761.83	480454.31,	0.04971	0.07025	0.03815	0.81798	0.9003	0.04307	1.48E-04	2.18E-04	1.18E-04	1.32E-05	4.19E-06	8.68E-08	5.01E-04	1.7E-07	5.2E-07	3.0E-07	2.7E-07	1.3E-07	6.8E-09	4.2E-08	0.0E+00	0.0E+00	0.0E+00	4.9E-08
1044	UCART1	480504.31	3733761.83	480504.31,	0.04718	0.06502	0.04001	0.81521	0.89619	0.04535	1.40E-04	2.01E-04	1.24E-04	1.32E-05	4.17E-06	9.14E-08	4.83E-04	1.7E-07	5.0E-07	2.9E-07	2.6E-07	1.2E-07	6.6E-09	4.0E-08	0.0E+00	0.0E+00	0.0E+00	4.7E-08
1045	UCART1	480554.31	3733761.83	480554.31,	0.04486	0.06046	0.04206	0.81263	0.89224	0.04789	1.33E-04	1.87E-04	1.30E-04	1.31E-05	4.15E-06	9.65E-08	4.68E-04	1.6E-07	4.9E-07	2.8E-07	2.6E-07	1.2E-07	6.4E-09	3.9E-08	0.0E+00	0.0E+00	0.0E+00	4.6E-08
1046	UCART1	480604.31	3733761.83	480604.31,	0.04274	0.05646	0.04433	0.81	0.88819	0.05071	1.27E-04	1.75E-04	1.38E-04	1.31E-05	4.13E-06	1.02E-07	4.57E-04	1.6E-07	4.8E-07	2.8E-07	2.5E-07	1.1E-07	6.2E-09	3.8E-08	0.0E+00	0.0E+00	0.0E+00	4.4E-08
1047	UCART1	480654.31	3733761.83	480654.31,	0.04079	0.05293	0.04686	0.80706	0.88377	0.05387	1.21E-04	1.64E-04	1.45E-04	1.30E-05	4.11E-06	1.09E-07	4.48E-04	1.5E-07	4.7E-07	2.7E-07	2.5E-07	1.1E-07	6.1E-09	3.8E-08	0.0E+00	0.0E+00	0.0E+00	4.4E-08
1048	UCART1	480704.31	3733761.83	480704.31,	0.039	0.04978	0.04969	0.80435	0.87954	0.05744	1.16E-04	1.54E-04	1.54E-04	1.30E-05	4.09E-06	1.16E-07	4.41E-04	1.5E-07	4.6E-07	2.7E-07	2.4E-07	1.1E-07	6.0E-09	3.7E-08	0.0E+00	0.0E+00	0.0E+00	4.3E-08
1049	UCART1	480754.31	3733761.83	480754.31,	0.03734	0.04697	0.05289	0.80171	0.87538	0.06148	1.11E-04	1.45E-04	1.64E-04	1.30E-05	4.07E-06	1.24E-07	4.38E-04	1.5E-07	4.6E-07	2.6E-07	2.4E-07	1.1E-07	6.0E-09	3.7E-08	0.0E+00	0.0E+00	0.0E+00	4.3E-08
1050	UCART1	480804.31	3733761.83	480804.31,	0.0358	0.04445	0.05651	0.79911	0.87126	0.06609	1.06E-04	1.38E-04	1.75E-04	1.29E-05	4.05E-06	1.33E-07	4.36E-04	1.5E-07	4.6E-07	2.6E-07

1126	UCART1	479954.31	3733961.83	479954.31	0.07129	0.14972	0.02557	0.19242	0.20362	0.02777	2.12E-04	4.64E-04	7.93E-05	3.11E-06	9.47E-07	5.60E-08	7.59E-04	2.6E-07	7.9E-07	4.6E-07	4.2E-07	1.9E-07	1.0E-08	6.4E-08	0.0E+00	0.0E+00	0.0E+00	7.4E-08
1127	UCART1	480404.31	3733961.83	480404.31	0.04627	0.06723	0.03538	0.19289	0.21025	0.03936	1.37E-04	2.08E-04	1.10E-04	3.12E-06	9.77E-07	7.93E-08	4.60E-04	1.6E-07	4.8E-07	2.8E-07	2.5E-07	1.2E-07	6.2E-09	3.8E-08	0.0E+00	0.0E+00	0.0E+00	4.5E-08
1128	UCART1	480454.31	3733961.83	480454.31	0.04422	0.06271	0.03695	0.19256	0.21031	0.04123	1.31E-04	1.94E-04	1.15E-04	3.11E-06	9.78E-07	8.31E-08	4.44E-04	1.5E-07	4.6E-07	2.7E-07	2.4E-07	1.1E-07	6.0E-09	3.7E-08	0.0E+00	0.0E+00	0.0E+00	4.3E-08
1129	UCART1	480504.31	3733961.83	480504.31	0.0423	0.05869	0.03865	0.19236	0.21043	0.04328	1.26E-04	1.82E-04	1.20E-04	3.11E-06	9.78E-07	8.72E-08	4.31E-04	1.5E-07	4.5E-07	2.6E-07	2.4E-07	1.1E-07	5.9E-09	3.6E-08	0.0E+00	0.0E+00	0.0E+00	4.2E-08
1130	UCART1	480554.31	3733961.83	480554.31	0.04052	0.05511	0.04051	0.19212	0.21046	0.04552	1.20E-04	1.71E-04	1.26E-04	3.10E-06	9.78E-07	9.18E-08	4.21E-04	1.5E-07	4.4E-07	2.5E-07	2.3E-07	1.1E-07	5.7E-09	3.5E-08	0.0E+00	0.0E+00	0.0E+00	4.1E-08
1131	UCART1	480604.31	3733961.83	480604.31	0.03885	0.05189	0.04256	0.19184	0.21043	0.048	1.15E-04	1.61E-04	1.32E-04	3.10E-06	9.78E-07	9.68E-08	4.12E-04	1.4E-07	4.3E-07	2.5E-07	2.3E-07	1.0E-07	5.6E-09	3.5E-08	0.0E+00	0.0E+00	0.0E+00	4.0E-08
1132	UCART1	480654.31	3733961.83	480654.31	0.03733	0.04904	0.04484	0.19109	0.20994	0.05079	1.11E-04	1.52E-04	1.39E-04	3.09E-06	9.76E-07	1.02E-07	4.06E-04	1.4E-07	4.2E-07	2.5E-07	2.2E-07	1.0E-07	5.5E-09	3.4E-08	0.0E+00	0.0E+00	0.0E+00	4.0E-08
1133	UCART1	480704.31	3733961.83	480704.31	0.03588	0.04642	0.04736	0.19093	0.20999	0.05386	1.07E-04	1.44E-04	1.47E-04	3.08E-06	9.76E-07	1.09E-07	4.01E-04	1.4E-07	4.2E-07	2.4E-07	2.2E-07	1.0E-07	5.5E-09	3.4E-08	0.0E+00	0.0E+00	0.0E+00	3.9E-08
1134	UCART1	480754.31	3733961.83	480754.31	0.03452	0.04405	0.05016	0.19076	0.20994	0.0573	1.03E-04	1.36E-04	1.56E-04	3.08E-06	9.76E-07	1.16E-07	3.99E-04	1.4E-07	4.2E-07	2.4E-07	2.2E-07	1.0E-07	5.4E-09	3.3E-08	0.0E+00	0.0E+00	0.0E+00	3.9E-08
1135	UCART1	480804.31	3733961.83	480804.31	0.03325	0.0419	0.05331	0.19041	0.20971	0.06118	9.88E-05	1.30E-04	1.65E-04	3.08E-06	9.75E-07	1.23E-07	3.98E-04	1.4E-07	4.2E-07	2.4E-07	2.2E-07	1.0E-07	5.4E-09	3.3E-08	0.0E+00	0.0E+00	0.0E+00	3.9E-08
1136	UCART1	480854.31	3733961.83	480854.31	0.03205	0.03992	0.05686	0.19008	0.20946	0.06557	9.52E-05	1.24E-04	1.76E-04	3.07E-06	9.74E-07	1.32E-07	3.99E-04	1.4E-07	4.2E-07	2.4E-07	2.2E-07	1.0E-07	5.4E-09	3.3E-08	0.0E+00	0.0E+00	0.0E+00	3.9E-08
1137	UCART1	479854.31	3734011.83	479854.31	0.07285	0.16111	0.02396	0.1554	0.16145	0.0259	2.16E-04	4.99E-04	7.43E-05	2.51E-06	7.50E-07	5.22E-08	7.93E-04	2.7E-07	8.3E-07	4.8E-07	4.3E-07	2.0E-07	1.1E-08	6.6E-08	0.0E+00	0.0E+00	0.0E+00	7.7E-08
1138	UCART1	479904.31	3734011.83	479904.31	0.07003	0.14817	0.02464	0.15762	0.16467	0.02667	2.08E-04	4.59E-04	7.65E-05	2.55E-06	7.65E-07	5.38E-08	7.47E-04	2.6E-07	7.8E-07	4.5E-07	4.1E-07	1.9E-07	1.0E-08	6.3E-08	0.0E+00	0.0E+00	0.0E+00	7.3E-08
1139	UCART1	479954.31	3734011.83	479954.31	0.06712	0.13575	0.02544	0.15967	0.1677	0.02761	1.99E-04	4.20E-04	7.89E-05	2.58E-06	7.80E-07	5.57E-08	7.02E-04	2.4E-07	7.3E-07	4.2E-07	3.9E-07	1.8E-07	9.5E-09	5.9E-08	0.0E+00	0.0E+00	0.0E+00	6.8E-08
1140	UCART1	480454.31	3734011.83	480454.31	0.04293	0.06075	0.03654	0.16141	0.17542	0.04068	1.28E-04	1.88E-04	1.13E-04	2.61E-06	8.15E-07	8.20E-08	4.33E-04	1.5E-07	4.5E-07	2.6E-07	2.4E-07	1.1E-07	5.9E-09	3.6E-08	0.0E+00	0.0E+00	0.0E+00	4.2E-08
1141	UCART1	480504.31	3734011.83	480504.31	0.04115	0.05702	0.0382	0.16122	0.17557	0.04266	1.22E-04	1.77E-04	1.19E-04	2.60E-06	8.16E-07	8.60E-08	4.21E-04	1.5E-07	4.4E-07	2.5E-07	2.3E-07	1.1E-07	5.7E-09	3.5E-08	0.0E+00	0.0E+00	0.0E+00	4.1E-08
1142	UCART1	480554.31	3734011.83	480554.31	0.03948	0.05367	0.04001	0.16102	0.17567	0.04483	1.17E-04	1.66E-04	1.24E-04	2.60E-06	8.17E-07	9.04E-08	4.11E-04	1.4E-07	4.3E-07	2.5E-07	2.3E-07	1.0E-07	5.6E-09	3.4E-08	0.0E+00	0.0E+00	0.0E+00	4.0E-08
1143	UCART1	480604.31	3734011.83	480604.31	0.03791	0.05064	0.04198	0.16087	0.17577	0.04721	1.13E-04	1.57E-04	1.30E-04	2.60E-06	8.17E-07	9.52E-08	4.03E-04	1.4E-07	4.2E-07	2.4E-07	2.2E-07	1.0E-07	5.5E-09	3.4E-08	0.0E+00	0.0E+00	0.0E+00	3.9E-08
1144	UCART1	480654.31	3734011.83	480654.31	0.03647	0.04794	0.04419	0.16054	0.17569	0.04988	1.08E-04	1.48E-04	1.37E-04	2.59E-06	8.17E-07	1.01E-07	3.97E-04	1.4E-07	4.2E-07	2.4E-07	2.2E-07	9.9E-08	5.4E-09	3.3E-08	0.0E+00	0.0E+00	0.0E+00	3.9E-08
1145	UCART1	480704.31	3734011.83	480704.31	0.03509	0.04546	0.04661	0.16032	0.17566	0.05282	1.04E-04	1.41E-04	1.45E-04	2.59E-06	8.17E-07	1.06E-07	3.93E-04	1.4E-07	4.1E-07	2.4E-07	2.2E-07	9.8E-08	5.3E-09	3.3E-08	0.0E+00	0.0E+00	0.0E+00	3.8E-08
1146	UCART1	480754.31	3734011.83	480754.31	0.03382	0.04322	0.04931	0.16	0.17553	0.05611	1.00E-04	1.34E-04	1.53E-04	2.58E-06	8.16E-07	1.13E-07	3.91E-04	1.4E-07	4.1E-07	2.4E-07	2.1E-07	9.8E-08	5.3E-09	3.3E-08	0.0E+00	0.0E+00	0.0E+00	3.8E-08
1147	UCART1	480804.31	3734011.83	480804.31	0.03262	0.04118	0.05124	0.1596	0.17531	0.05981	9.69E-05	1.28E-04	1.62E-04	2.58E-06	8.15E-07	1.21E-07	3.90E-04	1.4E-07	4.1E-07	2.4E-07	2.1E-07	9.8E-08	5.3E-09	3.3E-08	0.0E+00	0.0E+00	0.0E+00	3.8E-08
1148	UCART1	480854.31	3734011.83	480854.31	0.03146	0.03927	0.05571	0.15943	0.17523	0.06394	9.35E-05	1.22E-04	1.73E-04	2.58E-06	8.15E-07	1.29E-07	3.91E-04	1.4E-07	4.1E-07	2.4E-07	2.1E-07	9.8E-08	5.3E-09	3.3E-08	0.0E+00	0.0E+00	0.0E+00	3.8E-08
1149	UCART1	480604.31	3734061.83	480604.31	0.03701	0.0494	0.0414	0.13864	0.15089	0.04641	1.10E-04	1.53E-04	1.28E-04	2.24E-06	7.01E-07	9.36E-08	3.94E-04	1.4E-07	4.1E-07	2.4E-07	2.2E-07	9.9E-08	5.4E-09	3.3E-08	0.0E+00	0.0E+00	0.0E+00	3.8E-08
1150	UCART1	480654.31	3734061.83	480654.31	0.03564	0.04684	0.04351	0.13842	0.15091	0.04896	1.06E-04	1.45E-04	1.35E-04	2.24E-06	7.02E-07	9.87E-08	3.89E-04	1.3E-07	4.1E-07	2.4E-07	2.1E-07	9.7E-08	5.3E-09	3.3E-08	0.0E+00	0.0E+00	0.0E+00	3.8E-08
1151	UCART1	480704.31	3734061.83	480704.31	0.03434	0.04451	0.04585	0.13818	0.1509	0.05177	1.02E-04	1.38E-04	1.42E-04	2.23E-06	7.01E-07	1.04E-07	3.85E-04	1.3E-07	4.0E-07	2.3E-07	2.1E-07	9.6E-08	5.2E-09	3.2E-08	0.0E+00	0.0E+00	0.0E+00	3.7E-08
1152	UCART1	480754.31	3734061.83	480754.31	0.03313	0.04237	0.04843	0.13794	0.15084	0.0549	9.84E-05	1.31E-04	1.50E-04	2.23E-06	7.01E-07	1.11E-07	3.83E-04	1.3E-07	4.0E-07	2.3E-07	2.1E-07	9.6E-08	5.2E-09	3.2E-08	0.0E+00	0.0E+00	0.0E+00	3.7E-08
1153	UCART1	480804.31	3734061.83	480804.31	0.03198	0.04042	0.05132	0.1377	0.15076	0.0584	9.50E-05	1.25E-04	1.59E-04	2.22E-06	7.01E-07	1.18E-07	3.82E-04	1.3E-07	4.0E-07	2.3E-07	2.1E-07	9.6E-08	5.2E-09	3.2E-08	0.0E+00	0.0E+00	0.0E+00	3.7E-08
1154	UCART1	480854.31	3734061.83	480854.31	0.03089	0.0386	0.05452	0.13746	0.15064	0.06231	9.18E-05	1.20E-04	1.69E-04	2.22E-06	7.00E-07	1.26E-07	3.83E-04	1.3E-07	4.0E-07	2.3E-07	2.1E-07	9.6E-08	5.2E-09	3.2E-08	0.0E+00	0.0E+00	0.0E+00	3.7E-08
1155	UCART1	479709.83	3732002.05	479709.83	0.08601	0.05133	0.01828	0.03298	0.02791	0.01965	2.56E-04	1.59E-04	5.67E-05	5.33E-07	1.30E-07	3.96E-08	4.72E-04	1.6E-07	4.9E-07	2.9E-07	2.6E-07	1.2E-07	6.4E-09	4.0E-08	0.0E+00	0.0E+00	0.0E+00	4.6E-08
1156	UCART1	479759.83	3732002.05	479759.83	0.08676	0.05197	0.01865	0.03372	0.02852	0.02009	2.58E-04	1.61E-04	5.79E-05	5.45E-07	1.33E-07	4.05E-08	4.77E-04	1.7E-07	5.0E-07	2.9E-07	2.6E-07	1.2E-07	6.5E-09	4.0E-08	0.0E+00	0.0E+00	0.0E+00	4.6E-08
1157	UCART1	479809.83	3732002.05	479809.83	0.0869	0.05247	0.01901	0.03439	0.02909	0.02051	2.58E-04	1.62E-04	5.90E-05	5.56E-07	1.35E-07	4.13E-08	4.80E-04	1.7E-07	5.0E-07	2.9E-07	2.6E-07	1.2E-07	6.5E-09	4.0E-08	0.0E+00	0.0E+00	0.0E+00	4.7E-08
1158	UCART1	479859.83	3732002.05	479859.83	0.0863	0.05283	0.01936	0.03498	0.02961	0.02091	2.56E-04	1.64E-04	6.01E-05	5.66E-07	1.38E-07	4.22E-08	4.81E-04	1.7E-07	5.0E-07	2.9E-07	2.6E-07	1.2E-07	6.5E-09	4.0E-08	0.0E+00	0.0E+00	0.0E+00	4.7E-08
1159	UCART1	479909.83	3732002.05	479909.83	0.08506	0.05311	0.01972	0.03554	0.03012	0.02133	2.53E-04	1.64E-04	6.12E-05	5.74E-07	1.40E-07	4.30E-08	4.79E-04	1.7E-07	5.0E-07	2.9E-07	2.6E-07	1.2E-07	6.5E-09	4.0E-08	0.0E+00	0.0E+00	0.0E+00	4.7E-08
1160	UCART1	479959.83	3732002.05	479959.83	0.08321	0.05332	0.0201	0.03607	0.03064	0.02176	2.47E-04	1.65E-04	6.24E-05	5.83E-07	1.42E-07	4.39E-08	4.75E-04	1.6E-07	5.0E-07	2.9E-07	2.6E-07	1.2E-07	6.5E-09	4.0E-08	0.0E+00	0.0E+00	0.0E+00	4.6E-08
1161	UCART1	480009.83	3732002.05	480009.83	0.08065	0.05328	0.02047	0.0365	0.0311	0.02218	2.40E-04	1.65E-04	6.35E-05	5.90E-07	1.45E-07	4.47E-08	4.69E-04	1.6E-07	4.9E-07	2.8E-07	2.6E-07	1.2E-07	6.4E-09	3.9E-08	0.0E+00	0.0E+00	0.0E+00	4.6E-08
1162	UCART1	480059.83	3732002.05	480059.83	0.07767	0.05309	0.02086	0.03686	0.03156	0.02262	2.31E-04	1.64E-04	6.47E-05	5.95E-07	1.47E-07	4.56E-08	4.61E-04	1.6E-07	4.8E-07	2.8E-07	2.5E-07	1.2E-07	6.3E-09	3.9E-08	0.0E+00	0.0E+00	0.0E+00	4.5E-08
1163	UCART1	480109.83	3732002.05	480109.83	0.0745	0.05281	0.02129	0.03723	0.03208	0.02312	2.21E-04	1.64E-04	6.61E-05	6.01E-07	1.49E-07	4.66E-08	4.52E-04	1.6E-07	4.7E-07	2.7E-07	2.5E-07	1.1E-07	6.1E-09	3.8E-08	0.0E+00	0.0E+00	0.0E+00	4.4E-08
1164	UCART1	480159.83	3732002.05	480159.83	0.07101	0.05214	0.02168	0.03741	0.03247	0.02357	2.11E-04	1.61E-04	6.73E-05	6.04E-07	1.51E-07	4.75E-08	4.40E-04	1.5E-07	4.6E-07	2.7E-07	2.4E-07	1.1E-07	6.0E-09	3.7E-08	0.0E+00	0.0E+00	0.0E+00	4.3E-08
1165	UCART1	480209.83	3732002.05	480209.83	0.06752	0.05129	0.02209	0.03753	0.03286	0.02404	2.01E-04	1.59E-04	6.85E-05	6.06E-07	1.53E-07	4.85E-08	4.29E-04	1.5E-07	4.5E-07	2.6E-07	2.4E-07	1.1E-07	5.8E-09	3.6E-08	0.0E+00	0.0E+00	0.0E+00	4.2E-08
1166	UCART1	480259.83	3732002.05	480259.83	0.06412	0.05028	0.02253	0.0376	0.03325	0.02455	1.91E-04	1.56E-04	6.99E-05	6.07E-07	1.55E-07	4.95E-08	4.17E-04	1.4E-07	4.4E-07	2.5E-07	2.3E-07	1.0E-07	5.7E-09	3.5E-08	0.0E+00	0.0E+00	0.0E+00	4.1E-08
1167	UCART1	480309.83	3732002.05	480309.83	0.06073	0.04906	0.02296	0.03758	0.03358	0.02505	1.80E-04	1.52E-04	7.12E-05	6.07E-07	1.56E-07	5.05E-08	4.04E-04	1.4E-07	4.2E-07	2.4E-07	2.2E-07	1.0E-07	5.5E-09	3.4E-08	0.0E+00	0.0E+00	0.0E+00	3.9E-08
1168	UCART1	480359.83	3732002.05	480359.83	0.05741	0.04771	0.02338	0.0375	0.03385	0.02554	1.71E-04	1.48E-04	7.25E-05	6.06E-07	1.57E-07	5.15E-08	3.92E-04	1.4E-07	4.1E-07	2.4E-07	2.1E-07	9.8E-08	5.3E-09	3.3E-08	0.0E+00	0.0E+00	0.0E+00	3.8E-08
1169	UCART1	480409.83	3732002.05	480409.83	0.05429	0.04627	0.02381	0.03738	0.03411	0.02605	1.61E-04	1.43E-04	7.39E-05	6.04E-07	1.59E-07	5.25E-08	3.79E-04	1.3E-07	4.0E-07	2.3E-07	2.1E-07	9.5E-08	5.2E-09	3.2E-08	0.0E+00	0.0E+00	0.0E+00	3.7E-08
1170	UCART1	480459.83	3732002.05	480459.83	0.0518	0.04487	0.02444	0.03744	0.03453	0.02677	1.54E-04	1.39E-04	7.58E-05	6.05E-07	1.61E-07	5.40E-08	3.69E-04	1.3E-07	3.9E-07	2.2E-07	2.0E-07	9.2E-08	5.0E-09	3.1E-08	0.0E+00	0.0E+00	0.0E+00	3.6E-08
1171	UCART1	480509.83	3732002.05	480509.83	0.04911	0.04347	0.025	0.03736	0.03481	0.02741	1.46E-04	1.34E-04	7.76E-05	6.04E-07	1.62E-07	5.52E-08	3.59E-04	1.2E-07	3.9E-07	2.2E-07	2.0E-07	9.0E-08	4.9E-09	3.0E-08	0.0E+00	0.0E+00	0.0E+00	3.5E-08
1172	UCART1	480559.83	3732002.05	480559.83	0.04658	0.04185	0.02552	0.03721	0.03501	0.02802	1.38E-04	1.30E-04	7.92E-05	6.01E-07	1.63E-07	5.65E-08	3.48E-04	1.2E-07	3.6E-07	2.1E-07	1.9E-07	8.7E-08	4.7E-09	2.9E-08	0.0E+00	0.0E+00	0.0E+00	3.4E-08
1173	UCART1	480609.83	3732002.05	480609.83	0.04423	0.04037	0.02607	0.03706	0.0352	0.02865	1.31E-04	1.25E-04	8.09E-05	5.99E-07	1.64E-07	5.78E-08	3.38E-04	1.2E-07	3.5E-07	2.0E-07	1.9E-07	8.5E-08	4.6E-09	2.8E-08	0.0E+00	0.0E+00	0.0E+00	3.3E-08
1174	UCART1	480659.83	3732002.05	480659.83	0.04206	0.03895	0.02664	0.03691	0.03537	0.02932	1.25E-04	1.21E-04	8.27E-05	5.96E-07	1.64E-07	5.91E-08	3.29E-04	1.1E-07	3.4E-07	2.0E-07	1.8E-07	8.2E-08	4.5E-09	2.8E-08	0.0E+00	0.0E+00	0.0E+00	3.2E-08
1175	UCART1	480709.83	3732002.05	480709.83	0.04004	0.03759	0.02725	0.03676	0.03552	0.03001	1.19E-04	1.16E-04	8.45E-05	5.94E-07	1.65E-07	6.05E-08	3.21E-04	1.1E-07	3.4E-07	1.9E-07	1.8E-07	8.0E-08	4.4E-09	2.7E-08	0.0E+00	0.0E+00	0.0E+00	3.1E-08
1176	UCART1	480759.83	3732002.05	480759.83	0.03818	0.03627	0.02786	0.0366	0.03566	0.03073	1.13E-04	1.12E-04	8.64E-05	5.91E-07	1.66E-07	6.19E-08	3.13E-04	1.1E-07	3.3E-07	1.9E-07	1.7E-07	7.8E-08	4.3E-09	2.6E-08	0.0E+00	0.0E+00	0.0E+00	3.0E-08
1177	UCART1	480809.83	3732002.05	480809.83	0.03645	0.035	0.02851	0.03645	0.03577	0.03147	1.08E-04	1.08E-04	8.85E-05	5.89E-07	1.66E-07	6.34E-08	3.06E-04	1.1E-07	3.2E-07	1.9E-07	1.7E-07	7.7E-08	4.2E-09	2.6E-08	0.0E+00	0.0E+00	0.0E+00	3.0E-08
1178	UCART1	480859.83	3732002.05	480859.83	0.03488	0.03374	0.02908	0.03625	0.03581	0.03213	1.04E-04	1.04E-04	9.02E-05	5.86E-07	1.66E-07	6.48E-08	2.99E-04	1.0E-07	3.1E-07	1.8E-07	1.6E-07	7.5E-08	4.1E-09	2.5E-08	0.0E+00	0.0E+00	0.0E+00	2.9E-08
1179	UCART1	480909.83	3732002.05	480909.83	0.03338	0.03266	0.02984	0.03615	0.03596	0.03307	9.92E-05	1.01E-04	9.26E-05	5.84E-07	1.67E-07	6.67E-08	2.94E-04	1.0E-07	3.1E-07	1.8E-07	1.6E-07	7.4E-08	4.0E-09	2.5E-08	0.0E+00	0.0E+00	0.0E+00	2.9E-08
1180	UCART1	480959.83	3732002.05	480959.83	0.03199	0.03151	0.03049	0.03598	0.03599	0.03386	9.50E-05	9.76E-05	9.46E-05	5.81E-07	1.67E-07	6.83E-08	2.88E-04	1.0E-07	3.0E-07	1.7E-07	1.6E-07	7.2E-08	3.9E-09	2.4E-08	0.0E+00	0.0E+00	0.0E+00	2.8E-08
1181	UCART1	481009.83	3732002.05	481009.83	0.03074	0.03041	0.03106	0.03576	0.03596	0.03452	9.13E-05	9.42E-05	9.64E-05	5.78E-07	1.67E-07	6.96E-08	2.83E-04	9.8E-08	3.0E-07	1.7E-07	1.6E-07	7.1E-08	3.8E-09	2.4E-08	0.0E+00	0.0E+00	0.0E+00	2.8E-08
1182	UCART1	481059.83	3732002.05	481059.83	0.02957	0.02937	0.03162	0.03554	0.03592	0.03511	8.79E-05	9.09E-05	9.81E-05	5.74E-07	1.67E-07	7.08E-08	2.78E-04	9.6E-08	2.9E-07	1.7E-07	1.5E-07	7.0E-08	3.8E-09	2.3E-08	0.0E+00	0.0E+00	0.0E+00	2.7E-08
1183	UCART1	481109.83	3732002.05	481109.83	0.02848	0.02839	0.03217	0.03532	0.03584	0.03574	8.46E-05	8.79E-05	9.98E-05	5.71E-07	1.67E-07	7.20E-08	2.73E-04	9.5E-08	2.9E-07	1.7E-07	1.5E-07	6.8E-08	3.7E-09	2.3E-08	0.0E+00	0.0E+00	0.0E+00	2.7E-08
1184	UCART1	481159.83	3732002.05	481159.83	0.02747	0.02747	0.03273	0.03507	0.03572	0.03637	8.16E-05	8.51E-05	1.02E-04	5.67E-07	1.66E-07	7.33E-08	2.69E-04	9.3E-08	2.8E-07	1.6E-07	1.5E-07	6.7E-08	3.7E-09	2.3E-08	0.0E+00	0.0E+00	0.0E+00	2.6E-08
1185	UCART1	481209.83	3732002.05	481209.83	0.02653	0.02659	0.03328	0.03481	0.03559	0.03698	7.88E-05	8.23E-05	1.03E-04	5.62E-07	1.65E-07	7.45E-08	2.65E-04	9.2E-08	2.8E-07	1.6E-07	1.5E-07	6.6E-08	3.6E-09	2.2E-08	0.0E+00	0.0E+00	0.0E+00	2.6E-08
1186	UCART1	481259.83	3732002.05	481259.83	0.02565	0.02577	0.03382	0.03454	0.03544	0.03758	7.62E-05	7.98E-05	1.05E-04	5.58E-07	1.65E-07	7.58E-08	2.62E-04	9.1E-08	2.7E-07	1.6E-07	1.4E-07	6.6E-08	3.6E-09	2.2E-08	0.0E+00	0.0E+00	0.0E+00	2.5E-08
1187	UCART1	481309.83	3732002.05	481309.83	0.02482	0.02498	0.03438	0.03428	0.03531	0.03819	7.37E-05	7.73E-05	1.07E-04	5.54E-07	1.64E-07	7.70E-08	2.59E-04	9.0E-08	2.7E-07	1.6E-07	1.4E-07	6.5E-08	3.5E-09	2.2E-08	0.0E+00	0.0E+00	0.0E+00	2.5E-08
1188	UCART1	481359.83	3732002.05	481359.83	0.02404	0.02424	0.03491	0.03403	0.03516	0.03879	7.14E-05	7.51E-05	1.08E-04	5.50E-07	1.63E-07	7.82E-08	2.56E-04	8.8E-08	2.7E-07	1.5E-07	1.4E-07	6.4E-08	3.5E-09	2.1E-08	0.0E+00	0.0E+00	0.0E+00	2.5E-08
1189	UCART1	481409.83	3732002.05	481409.83	0.02332	0.02354	0.03545	0.03377	0.03499	0.03938	6.93E-05	7.29E-05	1.10E-04	5.46E-07	1.63E-07	7.94E-08	2.53E-04	8.8E-08	2.6E-07	1.5E-07	1.4E-07	6.3E-08	3.4E-09	2.1E-08	0.0E+00	0.0E+00	0.0E+00	2.5E-08
1190	UCART1	481459.83	3732002.05	481459.83	0.02264	0.02287	0.03597	0.03349	0.0348	0.03996	6.73E-05	7.08E-05	1.12E-04	5.41E-07	1.62E-07	8.06E-08	2.50E-04	8.7E-08	2.6E-07	1.5E-07	1.4E-07	6.3E-08	3.4E-09	2.1E-08	0.0E+00	0.0E+00	0.0E+00	2.4E-08
1191	UCART1	481509.83	3732002.05	481509.83	0.02199	0.02224	0.03651	0.03322	0.03459	0.04055	6.53E-05	6.89E-05	1.13E-04	5.37E-07	1.61E-07	8.17E-08	2.48E-04	8.6E-08	2.6E-07	1.5E-07	1.4E-07	6.2E-08	3.4E-09	2.1E-08	0.0E+00	0.0E+00	0.0E+00	2.4E-08
1192	UCART1	481559.83	3732002.05	481559.83	0.02139	0.02164	0.03704	0.03293	0.03437	0.04116	6.36E-05	6.70E-05	1.15E-04	5.32E-07	1.60E-07	8.30E-08	2.

1268	UCART2	481359.83	3732102.05	481359.83,	0.02433	0.02466	0.03755	0.03619	0.03759	0.04211	7.23E-05	7.64E-05	1.17E-04	5.85E-07	1.75E-07	8.49E-08	2.66E-04	9.2E-08	2.8E-07	1.6E-07	1.5E-07	6.7E-08	3.6E-09	2.2E-08	0.0E+00	0.0E+00	0.0E+00	2.6E-08
1269	UCART2	481409.83	3732102.05	481409.83,	0.02359	0.02392	0.03819	0.03591	0.0374	0.04282	7.01E-05	7.41E-05	1.18E-04	5.80E-07	1.74E-07	8.63E-08	2.63E-04	9.1E-08	2.8E-07	1.6E-07	1.4E-07	6.6E-08	3.6E-09	2.2E-08	0.0E+00	0.0E+00	0.0E+00	2.6E-08
1270	UCART2	481459.83	3732102.05	481459.83,	0.0229	0.02323	0.03882	0.03561	0.03718	0.04353	6.80E-05	7.19E-05	1.20E-04	5.75E-07	1.73E-07	8.77E-08	2.61E-04	9.0E-08	2.7E-07	1.6E-07	1.4E-07	6.5E-08	3.6E-09	2.2E-08	0.0E+00	0.0E+00	0.0E+00	2.5E-08
1271	UCART2	481509.83	3732102.05	481509.83,	0.02224	0.02257	0.03944	0.0353	0.03694	0.04423	6.61E-05	6.99E-05	1.22E-04	5.70E-07	1.72E-07	8.92E-08	2.59E-04	9.0E-08	2.7E-07	1.6E-07	1.4E-07	6.5E-08	3.5E-09	2.2E-08	0.0E+00	0.0E+00	0.0E+00	2.5E-08
1272	UCART2	481559.83	3732102.05	481559.83,	0.02163	0.02194	0.04007	0.03497	0.03668	0.04495	6.43E-05	6.79E-05	1.24E-04	5.65E-07	1.71E-07	9.06E-08	2.57E-04	8.9E-08	2.7E-07	1.6E-07	1.4E-07	6.4E-08	3.5E-09	2.2E-08	0.0E+00	0.0E+00	0.0E+00	2.5E-08
1273	UCART2	481609.83	3732102.05	481609.83,	0.02105	0.02135	0.0407	0.03464	0.0364	0.04568	6.25E-05	6.61E-05	1.26E-04	5.60E-07	1.69E-07	9.21E-08	2.56E-04	8.9E-08	2.7E-07	1.5E-07	1.4E-07	6.4E-08	3.5E-09	2.1E-08	0.0E+00	0.0E+00	0.0E+00	2.5E-08
1274	UCART2	481659.83	3732102.05	481659.83,	0.0205	0.02078	0.04134	0.03431	0.03611	0.04642	6.09E-05	6.43E-05	1.28E-04	5.54E-07	1.68E-07	9.36E-08	2.54E-04	8.8E-08	2.7E-07	1.5E-07	1.4E-07	6.4E-08	3.5E-09	2.1E-08	0.0E+00	0.0E+00	0.0E+00	2.5E-08
1275	UCART2	479709.83	3732152.05	479709.83,	0.11294	0.06122	0.01901	0.03781	0.03086	0.02056	3.36E-04	1.90E-04	5.90E-05	6.11E-07	1.43E-07	4.14E-08	5.85E-04	2.0E-07	6.1E-07	3.5E-07	3.2E-07	1.5E-07	8.0E-09	4.9E-08	0.0E+00	0.0E+00	0.0E+00	5.7E-08
1276	UCART2	479759.83	3732152.05	479759.83,	0.11289	0.06194	0.01942	0.03866	0.03151	0.02103	3.35E-04	1.92E-04	6.03E-05	6.25E-07	1.46E-07	4.24E-08	5.88E-04	2.0E-07	6.1E-07	3.6E-07	3.2E-07	1.5E-07	8.0E-09	4.9E-08	0.0E+00	0.0E+00	0.0E+00	5.7E-08
1277	UCART2	479809.83	3732152.05	479809.83,	0.11173	0.06248	0.01983	0.03945	0.03214	0.0215	3.32E-04	1.93E-04	6.15E-05	6.37E-07	1.49E-07	4.33E-08	5.88E-04	2.0E-07	6.1E-07	3.6E-07	3.2E-07	1.5E-07	8.0E-09	4.9E-08	0.0E+00	0.0E+00	0.0E+00	5.7E-08
1278	UCART2	479859.83	3732152.05	479859.83,	0.10945	0.06287	0.02024	0.04017	0.03275	0.02198	3.25E-04	1.95E-04	6.28E-05	6.49E-07	1.52E-07	4.43E-08	5.83E-04	2.0E-07	6.1E-07	3.5E-07	3.2E-07	1.5E-07	7.9E-09	4.9E-08	0.0E+00	0.0E+00	0.0E+00	5.7E-08
1279	UCART2	479909.83	3732152.05	479909.83,	0.10616	0.0631	0.02066	0.04082	0.03335	0.02246	3.15E-04	1.95E-04	6.41E-05	6.59E-07	1.55E-07	4.53E-08	5.76E-04	2.0E-07	6.0E-07	3.5E-07	3.2E-07	1.4E-07	7.8E-09	4.8E-08	0.0E+00	0.0E+00	0.0E+00	5.6E-08
1280	UCART2	479959.83	3732152.05	479959.83,	0.10199	0.06311	0.02109	0.04138	0.03394	0.02295	3.03E-04	1.95E-04	6.54E-05	6.68E-07	1.58E-07	4.63E-08	5.65E-04	2.0E-07	5.9E-07	3.4E-07	3.1E-07	1.4E-07	7.7E-09	4.7E-08	0.0E+00	0.0E+00	0.0E+00	5.5E-08
1281	UCART2	480009.83	3732152.05	480009.83,	0.09717	0.06286	0.02152	0.04183	0.03451	0.02345	2.89E-04	1.95E-04	6.68E-05	6.76E-07	1.60E-07	4.73E-08	5.51E-04	1.9E-07	5.8E-07	3.3E-07	3.0E-07	1.4E-07	7.5E-09	4.6E-08	0.0E+00	0.0E+00	0.0E+00	5.4E-08
1282	UCART2	480059.83	3732152.05	480059.83,	0.09198	0.06234	0.02196	0.04217	0.03507	0.02396	2.73E-04	1.93E-04	6.81E-05	6.81E-07	1.63E-07	4.83E-08	5.35E-04	1.9E-07	5.6E-07	3.2E-07	2.9E-07	1.3E-07	7.3E-09	4.5E-08	0.0E+00	0.0E+00	0.0E+00	5.2E-08
1283	UCART2	480109.83	3732152.05	480109.83,	0.08665	0.0615	0.02242	0.0424	0.03562	0.02449	2.57E-04	1.90E-04	6.96E-05	6.85E-07	1.66E-07	4.94E-08	5.18E-04	1.8E-07	5.4E-07	3.1E-07	2.8E-07	1.3E-07	7.0E-09	4.3E-08	0.0E+00	0.0E+00	0.0E+00	5.0E-08
1284	UCART2	480159.83	3732152.05	480159.83,	0.0814	0.06035	0.02289	0.04251	0.03615	0.02504	2.42E-04	1.87E-04	7.10E-05	6.87E-07	1.68E-07	5.05E-08	5.01E-04	1.7E-07	5.2E-07	3.0E-07	2.7E-07	1.3E-07	6.8E-09	4.2E-08	0.0E+00	0.0E+00	0.0E+00	4.9E-08
1285	UCART2	480209.83	3732152.05	480209.83,	0.07635	0.05891	0.02338	0.04252	0.03664	0.02561	2.27E-04	1.82E-04	7.25E-05	6.87E-07	1.70E-07	5.16E-08	4.83E-04	1.7E-07	5.0E-07	2.9E-07	2.6E-07	1.2E-07	6.6E-09	4.0E-08	0.0E+00	0.0E+00	0.0E+00	4.7E-08
1286	UCART2	480259.83	3732152.05	480259.83,	0.07161	0.05725	0.0239	0.04247	0.0371	0.02621	2.13E-04	1.77E-04	7.42E-05	6.86E-07	1.72E-07	5.28E-08	4.65E-04	1.6E-07	4.9E-07	2.8E-07	2.6E-07	1.2E-07	6.3E-09	3.9E-08	0.0E+00	0.0E+00	0.0E+00	4.5E-08
1287	UCART2	480309.83	3732152.05	480309.83,	0.06717	0.0554	0.02443	0.04237	0.03754	0.02683	2.00E-04	1.72E-04	7.58E-05	6.84E-07	1.75E-07	5.41E-08	4.48E-04	1.6E-07	4.7E-07	2.7E-07	2.5E-07	1.1E-07	6.1E-09	3.8E-08	0.0E+00	0.0E+00	0.0E+00	4.4E-08
1288	UCART2	480359.83	3732152.05	480359.83,	0.06296	0.05342	0.02498	0.0422	0.03791	0.02747	1.87E-04	1.65E-04	7.75E-05	6.82E-07	1.76E-07	5.54E-08	4.31E-04	1.5E-07	4.5E-07	2.6E-07	2.4E-07	1.1E-07	5.9E-09	3.6E-08	0.0E+00	0.0E+00	0.0E+00	4.2E-08
1289	UCART2	480409.83	3732152.05	480409.83,	0.05905	0.05137	0.02554	0.04199	0.03824	0.02813	1.75E-04	1.59E-04	7.92E-05	6.78E-07	1.78E-07	5.67E-08	4.15E-04	1.4E-07	4.3E-07	2.5E-07	2.3E-07	1.0E-07	5.6E-09	3.5E-08	0.0E+00	0.0E+00	0.0E+00	4.0E-08
1290	UCART2	480459.83	3732152.05	480459.83,	0.05543	0.04931	0.02612	0.04177	0.03853	0.02882	1.65E-04	1.53E-04	8.10E-05	6.75E-07	1.79E-07	5.81E-08	3.99E-04	1.4E-07	4.2E-07	2.4E-07	2.2E-07	1.0E-07	5.4E-09	3.3E-08	0.0E+00	0.0E+00	0.0E+00	3.9E-08
1291	UCART2	480509.83	3732152.05	480509.83,	0.05213	0.04731	0.02673	0.04154	0.03879	0.02953	1.55E-04	1.46E-04	8.29E-05	6.71E-07	1.80E-07	5.95E-08	3.85E-04	1.3E-07	4.0E-07	2.3E-07	2.1E-07	9.6E-08	5.2E-09	3.2E-08	0.0E+00	0.0E+00	0.0E+00	3.8E-08
1292	UCART2	480559.83	3732152.05	480559.83,	0.04911	0.04539	0.02737	0.04131	0.03903	0.03029	1.46E-04	1.41E-04	8.49E-05	6.67E-07	1.81E-07	6.11E-08	3.72E-04	1.3E-07	3.9E-07	2.3E-07	2.0E-07	9.3E-08	5.1E-09	3.1E-08	0.0E+00	0.0E+00	0.0E+00	3.6E-08
1293	UCART2	480609.83	3732152.05	480609.83,	0.04637	0.04356	0.02804	0.04109	0.03923	0.03107	1.38E-04	1.35E-04	8.70E-05	6.64E-07	1.82E-07	6.26E-08	3.61E-04	1.2E-07	3.8E-07	2.2E-07	2.0E-07	9.0E-08	4.9E-09	3.0E-08	0.0E+00	0.0E+00	0.0E+00	3.5E-08
1294	UCART2	480659.83	3732152.05	480659.83,	0.04386	0.0418	0.02873	0.04087	0.03941	0.03188	1.30E-04	1.29E-04	8.91E-05	6.60E-07	1.83E-07	6.43E-08	3.50E-04	1.2E-07	3.7E-07	2.1E-07	1.9E-07	8.8E-08	4.8E-09	2.9E-08	0.0E+00	0.0E+00	0.0E+00	3.4E-08
1295	UCART2	480709.83	3732152.05	480709.83,	0.04159	0.0401	0.02943	0.04064	0.03955	0.03271	1.24E-04	1.24E-04	9.13E-05	6.57E-07	1.84E-07	6.59E-08	3.40E-04	1.2E-07	3.6E-07	2.1E-07	1.9E-07	8.5E-08	4.6E-09	2.8E-08	0.0E+00	0.0E+00	0.0E+00	3.3E-08
1296	UCART2	480759.83	3732152.05	480759.83,	0.03952	0.03848	0.03016	0.04043	0.03968	0.03357	1.17E-04	1.19E-04	9.36E-05	6.53E-07	1.84E-07	6.77E-08	3.31E-04	1.1E-07	3.5E-07	2.0E-07	1.8E-07	8.3E-08	4.5E-09	2.8E-08	0.0E+00	0.0E+00	0.0E+00	3.2E-08
1297	UCART2	480809.83	3732152.05	480809.83,	0.03762	0.03696	0.03091	0.04022	0.03978	0.03446	1.12E-04	1.14E-04	9.59E-05	6.50E-07	1.85E-07	6.95E-08	3.23E-04	1.1E-07	3.4E-07	2.0E-07	1.8E-07	8.1E-08	4.4E-09	2.7E-08	0.0E+00	0.0E+00	0.0E+00	3.1E-08
1298	UCART2	480859.83	3732152.05	480859.83,	0.03589	0.03553	0.03168	0.04001	0.03985	0.03538	1.07E-04	1.10E-04	9.83E-05	6.46E-07	1.85E-07	7.13E-08	3.16E-04	1.1E-07	3.3E-07	1.9E-07	1.7E-07	7.9E-08	4.3E-09	2.6E-08	0.0E+00	0.0E+00	0.0E+00	3.1E-08
1299	UCART2	480909.83	3732152.05	480909.83,	0.0343	0.03417	0.03244	0.03978	0.03989	0.0363	1.02E-04	1.06E-04	1.01E-04	6.43E-07	1.85E-07	7.32E-08	3.09E-04	1.1E-07	3.2E-07	1.9E-07	1.7E-07	7.7E-08	4.2E-09	2.6E-08	0.0E+00	0.0E+00	0.0E+00	3.0E-08
1300	UCART2	480959.83	3732152.05	480959.83,	0.03284	0.03289	0.03321	0.03957	0.03991	0.03727	9.76E-05	1.02E-04	1.03E-04	6.39E-07	1.86E-07	7.51E-08	3.03E-04	1.1E-07	3.2E-07	1.8E-07	1.7E-07	7.6E-08	4.1E-09	2.5E-08	0.0E+00	0.0E+00	0.0E+00	3.0E-08
1301	UCART2	481009.83	3732152.05	481009.83,	0.03149	0.03166	0.03398	0.03934	0.03989	0.03819	9.36E-05	9.80E-05	1.05E-04	6.36E-07	1.85E-07	7.70E-08	2.98E-04	1.0E-07	3.1E-07	1.8E-07	1.6E-07	7.5E-08	4.1E-09	2.5E-08	0.0E+00	0.0E+00	0.0E+00	2.9E-08
1302	UCART2	481059.83	3732152.05	481059.83,	0.03025	0.0305	0.03472	0.03909	0.03983	0.03909	8.99E-05	9.44E-05	1.08E-04	6.31E-07	1.85E-07	7.88E-08	2.93E-04	1.0E-07	3.1E-07	1.8E-07	1.6E-07	7.3E-08	4.0E-09	2.5E-08	0.0E+00	0.0E+00	0.0E+00	2.9E-08
1303	UCART2	481109.83	3732152.05	481109.83,	0.02911	0.0294	0.03543	0.03884	0.03975	0.03987	8.65E-05	9.10E-05	1.10E-04	6.27E-07	1.85E-07	8.04E-08	2.88E-04	1.0E-07	3.0E-07	1.7E-07	1.6E-07	7.2E-08	3.9E-09	2.4E-08	0.0E+00	0.0E+00	0.0E+00	2.8E-08
1304	UCART2	481159.83	3732152.05	481159.83,	0.02804	0.02838	0.03615	0.03855	0.03958	0.04072	8.33E-05	8.79E-05	1.12E-04	6.23E-07	1.84E-07	8.21E-08	2.84E-04	9.8E-08	3.0E-07	1.7E-07	1.6E-07	7.1E-08	3.9E-09	2.4E-08	0.0E+00	0.0E+00	0.0E+00	2.8E-08
1305	UCART2	481209.83	3732152.05	481209.83,	0.02705	0.02741	0.03688	0.03821	0.03941	0.04156	8.04E-05	8.49E-05	1.14E-04	6.17E-07	1.83E-07	8.38E-08	2.81E-04	9.7E-08	2.9E-07	1.7E-07	1.5E-07	7.0E-08	3.8E-09	2.4E-08	0.0E+00	0.0E+00	0.0E+00	2.7E-08
1306	UCART2	481259.83	3732152.05	481259.83,	0.02613	0.02651	0.0376	0.03794	0.03927	0.04238	7.76E-05	8.21E-05	1.17E-04	6.13E-07	1.83E-07	8.54E-08	2.77E-04	9.6E-08	2.9E-07	1.7E-07	1.5E-07	6.9E-08	3.8E-09	2.3E-08	0.0E+00	0.0E+00	0.0E+00	2.7E-08
1307	UCART2	481309.83	3732152.05	481309.83,	0.02528	0.02566	0.0383	0.03766	0.03911	0.04317	7.51E-05	7.95E-05	1.19E-04	6.08E-07	1.82E-07	8.70E-08	2.74E-04	9.5E-08	2.9E-07	1.7E-07	1.5E-07	6.9E-08	3.7E-09	2.3E-08	0.0E+00	0.0E+00	0.0E+00	2.7E-08
1308	UCART2	481359.83	3732152.05	481359.83,	0.02448	0.02486	0.03901	0.03737	0.03892	0.04397	7.27E-05	7.70E-05	1.21E-04	6.04E-07	1.81E-07	8.86E-08	2.72E-04	9.4E-08	2.8E-07	1.6E-07	1.5E-07	6.8E-08	3.7E-09	2.3E-08	0.0E+00	0.0E+00	0.0E+00	2.6E-08
1309	UCART2	481409.83	3732152.05	481409.83,	0.02373	0.02411	0.0397	0.03707	0.03871	0.04475	7.05E-05	7.47E-05	1.23E-04	5.99E-07	1.80E-07	9.02E-08	2.69E-04	9.3E-08	2.8E-07	1.6E-07	1.5E-07	6.7E-08	3.7E-09	2.3E-08	0.0E+00	0.0E+00	0.0E+00	2.6E-08
1310	UCART2	481459.83	3732152.05	481459.83,	0.02303	0.02339	0.0404	0.03676	0.03848	0.04554	6.84E-05	7.24E-05	1.25E-04	5.94E-07	1.79E-07	9.18E-08	2.67E-04	9.2E-08	2.8E-07	1.6E-07	1.5E-07	6.7E-08	3.6E-09	2.2E-08	0.0E+00	0.0E+00	0.0E+00	2.6E-08
1311	UCART2	481509.83	3732152.05	481509.83,	0.02237	0.02272	0.04108	0.03643	0.03822	0.04631	6.65E-05	7.03E-05	1.27E-04	5.89E-07	1.78E-07	9.34E-08	2.65E-04	9.2E-08	2.8E-07	1.6E-07	1.5E-07	6.6E-08	3.6E-09	2.2E-08	0.0E+00	0.0E+00	0.0E+00	2.6E-08
1312	UCART2	481559.83	3732152.05	481559.83,	0.02175	0.02208	0.04177	0.0361	0.03795	0.04711	6.46E-05	6.84E-05	1.30E-04	5.83E-07	1.76E-07	9.50E-08	2.63E-04	9.1E-08	2.8E-07	1.6E-07	1.4E-07	6.6E-08	3.6E-09	2.2E-08	0.0E+00	0.0E+00	0.0E+00	2.6E-08
1313	UCART2	481609.83	3732152.05	481609.83,	0.02117	0.02148	0.04245	0.03574	0.03764	0.04789	6.29E-05	6.65E-05	1.32E-04	5.77E-07	1.75E-07	9.65E-08	2.62E-04	9.1E-08	2.7E-07	1.6E-07	1.4E-07	6.6E-08	3.6E-09	2.2E-08	0.0E+00	0.0E+00	0.0E+00	2.6E-08
1314	UCART2	481659.83	3732152.05	481659.83,	0.02062	0.02091	0.04313	0.03537	0.03732	0.04869	6.13E-05	6.47E-05	1.34E-04	5.71E-07	1.73E-07	9.82E-08	2.61E-04	9.0E-08	2.7E-07	1.6E-07	1.4E-07	6.5E-08	3.5E-09	2.2E-08	0.0E+00	0.0E+00	0.0E+00	2.5E-08
1315	UCART2	479709.83	3732202.05	479709.83,	0.12426	0.06504	0.01917	0.03962	0.03185	0.02075	3.69E-04	2.01E-04	5.95E-05	6.40E-07	1.48E-07	4.18E-08	6.31E-04	2.2E-07	6.6E-07	3.8E-07	3.5E-07	1.6E-07	8.6E-09	5.3E-08	0.0E+00	0.0E+00	0.0E+00	6.1E-08
1316	UCART2	479759.83	3732202.05	479759.83,	0.12402	0.0659	0.01961	0.0406	0.03258	0.02127	3.68E-04	2.04E-04	6.08E-05	6.56E-07	1.51E-07	4.29E-08	6.34E-04	2.2E-07	6.6E-07	3.8E-07	3.5E-07	1.6E-07	8.6E-09	5.3E-08	0.0E+00	0.0E+00	0.0E+00	6.2E-08
1317	UCART2	479809.83	3732202.05	479809.83,	0.12211	0.06646	0.02005	0.04145	0.03324	0.02177	3.63E-04	2.06E-04	6.22E-05	6.70E-07	1.55E-07	4.39E-08	6.32E-04	2.2E-07	6.6E-07	3.8E-07	3.5E-07	1.6E-07	8.6E-09	5.3E-08	0.0E+00	0.0E+00	0.0E+00	6.2E-08
1318	UCART2	479859.83	3732202.05	479859.83,	0.11897	0.06687	0.02049	0.04224	0.0339	0.02228	3.53E-04	2.07E-04	6.36E-05	6.82E-07	1.58E-07	4.49E-08	6.25E-04	2.2E-07	6.5E-07	3.8E-07	3.4E-07	1.6E-07	8.5E-09	5.2E-08	0.0E+00	0.0E+00	0.0E+00	6.1E-08
1319	UCART2	479909.83	3732202.05	479909.83,	0.11472	0.06712	0.02095	0.04296	0.03456	0.02281	3.41E-04	2.08E-04	6.50E-05	6.94E-07	1.61E-07	4.60E-08	6.15E-04	2.1E-07	6.4E-07	3.7E-07	3.4E-07	1.5E-07	8.4E-09	5.1E-08	0.0E+00	0.0E+00	0.0E+00	6.0E-08
1320	UCART2	479959.83	3732202.05	479959.83,	0.1095	0.0671	0.0214	0.04355	0.03521	0.02334	3.25E-04	2.08E-04	6.64E-05	7.04E-07	1.64E-07	4.70E-08	6.00E-04	2.1E-07	6.3E-07	3.6E-07	3.3E-07	1.5E-07	8.2E-09	5.0E-08	0.0E+00	0.0E+00	0.0E+00	5.8E-08
1321	UCART2	480009.83	3732202.05	480009.83,	0.10364	0.06678	0.02187	0.04402	0.03585	0.02388	3.08E-04	2.07E-04	6.79E-05	7.11E-07	1.67E-07	4.81E-08	5.83E-04	2.0E-07	6.1E-07	3.5E-07	3.2E-07	1.5E-07	7.9E-09	4.9E-08	0.0E+00	0.0E+00	0.0E+00	5.7E-08
1322	UCART2	480059.83	3732202.05	480059.83,	0.09748	0.0661	0.02235	0.04435	0.03647	0.02443	2.90E-04	2.05E-04	6.93E-05	7.16E-07	1.70E-07	4.92E-08	5.65E-04	2.0E-07	5.9E-07	3.4E-07	3.1E-07	1.4E-07	7.7E-09	4.7E-08	0.0E+00	0.0E+00	0.0E+00	5.5E-08
1323	UCART2	480109.83	3732202.05	480109.83,	0.0913	0.06504	0.02284	0.04454	0.03707	0.02501	2.71E-04	2.01E-04	7.09E-05	7.20E-07	1.72E-07	5.04E-08	5.44E-04	1.9E-07	5.7E-07	3.3E-07	3.0E-07	1.4E-07	7.4E-09	4.6E-08	0.0E+00	0.0E+00	0.0E+00	5.3E-08
1324	UCART2	480159.83	3732202.05	480159.83,	0.08528	0.0636	0.02334	0.04457	0.03763	0.02559	2.53E-04	1.97E-04	7.24E-05	7.20E-07	1.75E-07	5.16E-08	5.24E-04	1.8E-07	5.5E-07	3.2E-07	2.9E-07	1.3E-07	7.1E-09	4.4E-08	0.0E+00	0.0E+00	0.0E+00	5.1E-08
1325	UCART2	480209.83	3732202.05	480209.83,	0.07948	0.06182	0.02384	0.04448	0.03811	0.02617	2.36E-04	1.91E-04	7.40E-05	7.19E-07	1.77E-07	5.28E-08	5.02E-04	1.7E-07	5.3E-07	3.0E-07	2.8E-07	1.3E-07	6.8E-09	4.2E-08	0.0E+00	0.0E+00	0.0E+00	4.9E-08
1326	UCART2	480259.83	3732202.05	480259.83,	0.07422	0.05986	0.02439	0.04436	0.03861	0.02681	2.21E-04	1.85E-04	7.57E-05	7.17E-07	1.79E-07	5.40E-08	4.82E-04	1.7E-07	5.0E-07	2.9E-07	2.6E-07	1.2E-07	6.6E-09	4.0E-08	0.0E+00	0.0E+00	0.0E+00	4.7E-08
1327	UCART2	480309.83	3732202.05	480309.83,	0.06934	0.05773	0.02497	0.04421	0.03908	0.02749	2.06E-04	1.79E-04	7.75E-05	7.14E-07	1.82E-07	5.54E-08	4.63E-04	1.6E-07	4.8E-07	2.8E-07	2.5E-07	1.2E-07	6.3E-09	3.9E-08	0.0E+00	0.0E+00	0.0E+00	4.5E-08
1328	UCART2	480359.83	3732202.05	480359.83,	0.06466	0.05544	0.02553	0.04394	0.03943	0.02814	1.92E-04	1.72E-04	7.92E-05	7.10E-07	1.83E-07	5.67E-08	4.44E-04	1.5E-07	4.6E-07	2.7E-07	2.4E-07	1.1E-07	6.0E-09	3.7E-08	0.0E+00	0.0E+00	0.0E+00	4.3E-08
1329	UCART2	480409.83	3732202.05	480409.83,	0.0604	0.05315	0.02611	0.04366	0.03976	0.02884	1.79E-04	1.65E-04	8.10E-05	7.05E-07	1.85E-07	5.81E-08	4.26E-04	1.5E-07	4.5E-07	2.6E-07	2.3E-07	1.1E-07	5.8E-09	3.6E-08	0.0E+00	0.0E+00	0.0E+00	4.1E-08
1330	UCART2	480459.83	3732202.05	480459.83,	0.05653	0.05086	0.02671	0.04336	0.04003	0.02954	1.68E-04	1.57E-04	8.29E-05	7.00E-07	1.86E-07	5.95E-08	4.09E-04	1.4E-07	4.3E-07	2.5E-07	2.2E-07	1.0E-07	5.6E-09	3.4E-08	0.0E+00	0.0E+00	0.0E+00	4.0E-08
1331	UCART2	480509.83	3732202.05	480509.83,	0.05304	0.04867	0.02736	0.0431	0.0403	0.0303	1.58E-04	1.51E-04	8.49E-05	6.96E-07	1.87E-07	6.11E-08	3.94E-04	1.4E-07	4.1E-07	2.4E-07	2.2E-07	9.9E-08	5.4E-09	3.3E-08	0.0E+00	0.0E+00	0.0E+00	3.8E-08
1332	UCART2	480559.83	3732202.05	480559.83,	0.04987	0.04661	0.02804	0.04284	0.04055	0.03111	1.48E-04	1.44E-04	8.70E-05	6.92E-07	1.88E-07	6.27E-08	3.80E-04	1.3E-07	4.0E-07	2.3E-07	2.1E-07	9.5E-08	5.2E-09	3.2E-08	0.0E+00	0.0E+00	0.0E+00	3.7E-08
1333	UCART2	480609.83	3732202.05	480609.83,	0.047	0.04464	0.02874	0.04259	0.04076	0.03194	1.40E-04	1.38E-04	8.92E-05	6.88E-07	1.89E-07	6.44E-08	3.68E-04	1.3E-07	3.8E-07	2.2E-07	2.0E-07	9.2E-08	5.0E-09	3.1E-08	0.0E+00	0.0E+00	0.0E+00	3.6E-08
1334	UCART2	480659.83	3732202.05	480659.83,	0.0444	0.04274	0.02947	0.04234	0.04094	0.03281	1.32E-04	1.32E-04	9.14E-05	6.84E-07	1.90E-07	6.61E-08

1410	UCART2	480459.83	3732302.05	480459.83,	0.05854	0.05414	0.028	0.04692	0.04346	0.03114	1.74E-04	1.68E-04	8.69E-05	7.58E-07	2.02E-07	6.28E-08	4.29E-04	1.5E-07	4.5E-07	2.6E-07	2.4E-07	1.1E-07	5.8E-09	3.6E-08	0.0E+00	0.0E+00	0.0E+00	4.2E-08
1411	UCART2	480509.83	3732302.05	480509.83,	0.05467	0.05152	0.0287	0.04653	0.04371	0.03198	1.62E-04	1.60E-04	8.90E-05	7.52E-07	2.03E-07	6.45E-08	4.12E-04	1.4E-07	4.3E-07	2.5E-07	2.3E-07	1.0E-07	5.6E-09	3.5E-08	0.0E+00	0.0E+00	0.0E+00	4.0E-08
1412	UCART2	480559.83	3732302.05	480559.83,	0.05121	0.04906	0.02944	0.04617	0.04394	0.03286	1.52E-04	1.52E-04	9.13E-05	7.46E-07	2.04E-07	6.62E-08	3.96E-04	1.4E-07	4.1E-07	2.4E-07	2.2E-07	9.9E-08	5.4E-09	3.3E-08	0.0E+00	0.0E+00	0.0E+00	3.9E-08
1413	UCART2	480609.83	3732302.05	480609.83,	0.04812	0.04676	0.03022	0.04585	0.04414	0.0338	1.43E-04	1.45E-04	9.38E-05	7.41E-07	2.05E-07	6.81E-08	3.83E-04	1.3E-07	4.0E-07	2.3E-07	2.1E-07	9.6E-08	5.2E-09	3.2E-08	0.0E+00	0.0E+00	0.0E+00	3.7E-08
1414	UCART2	480659.83	3732302.05	480659.83,	0.04536	0.04456	0.03102	0.04553	0.0443	0.03476	1.35E-04	1.38E-04	9.62E-05	7.36E-07	2.06E-07	7.01E-08	3.70E-04	1.3E-07	3.9E-07	2.2E-07	2.0E-07	9.3E-08	5.0E-09	3.1E-08	0.0E+00	0.0E+00	0.0E+00	3.6E-08
1415	UCART2	480709.83	3732302.05	480709.83,	0.04287	0.04252	0.03188	0.04525	0.04446	0.0358	1.27E-04	1.32E-04	9.89E-05	7.31E-07	2.07E-07	7.22E-08	3.59E-04	1.2E-07	3.8E-07	2.2E-07	2.0E-07	9.0E-08	4.9E-09	3.0E-08	0.0E+00	0.0E+00	0.0E+00	3.5E-08
1416	UCART2	480759.83	3732302.05	480759.83,	0.04063	0.04062	0.03277	0.04499	0.04459	0.03687	1.21E-04	1.26E-04	1.02E-04	7.27E-07	2.07E-07	7.43E-08	3.49E-04	1.2E-07	3.6E-07	2.1E-07	1.9E-07	8.7E-08	4.7E-09	2.9E-08	0.0E+00	0.0E+00	0.0E+00	3.4E-08
1417	UCART2	480809.83	3732302.05	480809.83,	0.03861	0.03884	0.03368	0.04472	0.04468	0.03798	1.15E-04	1.20E-04	1.04E-04	7.22E-07	2.08E-07	7.66E-08	3.40E-04	1.2E-07	3.6E-07	2.1E-07	1.9E-07	8.5E-08	4.6E-09	2.9E-08	0.0E+00	0.0E+00	0.0E+00	3.3E-08
1418	UCART2	480859.83	3732302.05	480859.83,	0.03678	0.03717	0.03458	0.04444	0.04472	0.03909	1.09E-04	1.15E-04	1.07E-04	7.18E-07	2.08E-07	7.88E-08	3.33E-04	1.2E-07	3.5E-07	2.0E-07	1.8E-07	8.3E-08	4.5E-09	2.8E-08	0.0E+00	0.0E+00	0.0E+00	3.2E-08
1419	UCART2	480909.83	3732302.05	480909.83,	0.0351	0.03563	0.03555	0.04422	0.04478	0.04034	1.04E-04	1.10E-04	1.10E-04	7.14E-07	2.08E-07	8.13E-08	3.26E-04	1.1E-07	3.4E-07	2.0E-07	1.8E-07	8.2E-08	4.4E-09	2.7E-08	0.0E+00	0.0E+00	0.0E+00	3.2E-08
1420	UCART2	480959.83	3732302.05	480959.83,	0.03357	0.03416	0.0365	0.04395	0.04476	0.04151	9.97E-05	1.06E-04	1.13E-04	7.10E-07	2.08E-07	8.37E-08	3.20E-04	1.1E-07	3.3E-07	1.9E-07	1.8E-07	8.0E-08	4.3E-09	2.7E-08	0.0E+00	0.0E+00	0.0E+00	3.1E-08
1421	UCART2	481009.83	3732302.05	481009.83,	0.03217	0.03278	0.03746	0.04367	0.04471	0.04269	9.56E-05	1.01E-04	1.16E-04	7.05E-07	2.08E-07	8.61E-08	3.14E-04	1.1E-07	3.3E-07	1.9E-07	1.7E-07	7.9E-08	4.3E-09	2.6E-08	0.0E+00	0.0E+00	0.0E+00	3.1E-08
1422	UCART2	481059.83	3732302.05	481059.83,	0.03089	0.0315	0.03842	0.04339	0.04463	0.04386	9.18E-05	9.75E-05	1.19E-04	7.01E-07	2.07E-07	8.84E-08	3.10E-04	1.1E-07	3.2E-07	1.9E-07	1.7E-07	7.7E-08	4.2E-09	2.6E-08	0.0E+00	0.0E+00	0.0E+00	3.0E-08
1423	UCART2	481109.83	3732302.05	481109.83,	0.0297	0.03031	0.03936	0.0431	0.04453	0.04499	8.82E-05	9.38E-05	1.22E-04	6.96E-07	2.07E-07	9.07E-08	3.05E-04	1.1E-07	3.2E-07	1.8E-07	1.7E-07	7.6E-08	4.2E-09	2.6E-08	0.0E+00	0.0E+00	0.0E+00	3.0E-08
1424	UCART2	481159.83	3732302.05	481159.83,	0.0286	0.02919	0.04031	0.04275	0.04431	0.04614	8.50E-05	9.04E-05	1.25E-04	6.91E-07	2.06E-07	9.30E-08	3.01E-04	1.0E-07	3.2E-07	1.8E-07	1.7E-07	7.5E-08	4.1E-09	2.5E-08	0.0E+00	0.0E+00	0.0E+00	2.9E-08
1425	UCART2	481209.83	3732302.05	481209.83,	0.02758	0.02815	0.04126	0.04239	0.04412	0.04727	8.19E-05	8.72E-05	1.28E-04	6.85E-07	2.05E-07	9.53E-08	2.98E-04	1.0E-07	3.1E-07	1.8E-07	1.6E-07	7.5E-08	4.1E-09	2.5E-08	0.0E+00	0.0E+00	0.0E+00	2.9E-08
1426	UCART2	481259.83	3732302.05	481259.83,	0.02664	0.02718	0.0422	0.04208	0.04394	0.04839	7.91E-05	8.42E-05	1.31E-04	6.80E-07	2.04E-07	9.75E-08	2.95E-04	1.0E-07	3.1E-07	1.8E-07	1.6E-07	7.4E-08	4.0E-09	2.5E-08	0.0E+00	0.0E+00	0.0E+00	2.9E-08
1427	UCART2	481309.83	3732302.05	481309.83,	0.02576	0.02627	0.04315	0.04177	0.04375	0.04951	7.65E-05	8.13E-05	1.34E-04	6.75E-07	2.03E-07	9.98E-08	2.93E-04	1.0E-07	3.1E-07	1.8E-07	1.6E-07	7.3E-08	4.0E-09	2.5E-08	0.0E+00	0.0E+00	0.0E+00	2.9E-08
1428	UCART2	481359.83	3732302.05	481359.83,	0.02494	0.02542	0.04407	0.04142	0.0435	0.05057	7.41E-05	7.87E-05	1.37E-04	6.69E-07	2.02E-07	1.02E-07	2.91E-04	1.0E-07	3.0E-07	1.8E-07	1.6E-07	7.3E-08	4.0E-09	2.4E-08	0.0E+00	0.0E+00	0.0E+00	2.8E-08
1429	UCART2	481409.83	3732302.05	481409.83,	0.02417	0.02462	0.045	0.04108	0.04325	0.05166	7.18E-05	7.62E-05	1.40E-04	6.64E-07	2.01E-07	1.04E-07	2.89E-04	1.0E-07	3.0E-07	1.7E-07	1.6E-07	7.2E-08	3.9E-09	2.4E-08	0.0E+00	0.0E+00	0.0E+00	2.8E-08
1430	UCART2	481459.83	3732302.05	481459.83,	0.02345	0.02386	0.04595	0.04073	0.04298	0.05276	6.97E-05	7.39E-05	1.43E-04	6.58E-07	2.00E-07	1.06E-07	2.87E-04	9.9E-08	3.0E-07	1.7E-07	1.6E-07	7.2E-08	3.9E-09	2.4E-08	0.0E+00	0.0E+00	0.0E+00	2.8E-08
1431	UCART2	481509.83	3732302.05	481509.83,	0.02277	0.02316	0.04698	0.04036	0.04268	0.05385	6.77E-05	7.17E-05	1.45E-04	6.52E-07	1.98E-07	1.08E-07	2.86E-04	9.9E-08	3.0E-07	1.7E-07	1.6E-07	7.2E-08	3.9E-09	2.4E-08	0.0E+00	0.0E+00	0.0E+00	2.8E-08
1432	UCART2	481559.83	3732302.05	481559.83,	0.02213	0.02249	0.04782	0.03996	0.04234	0.05494	6.57E-05	6.96E-05	1.48E-04	6.46E-07	1.97E-07	1.11E-07	2.85E-04	9.9E-08	3.0E-07	1.7E-07	1.6E-07	7.1E-08	3.9E-09	2.4E-08	0.0E+00	0.0E+00	0.0E+00	2.8E-08
1433	UCART2	481609.83	3732302.05	481609.83,	0.02153	0.02186	0.04876	0.03955	0.04198	0.05605	6.40E-05	6.77E-05	1.51E-04	6.39E-07	1.95E-07	1.13E-07	2.84E-04	9.8E-08	3.0E-07	1.7E-07	1.6E-07	7.1E-08	3.9E-09	2.4E-08	0.0E+00	0.0E+00	0.0E+00	2.8E-08
1434	UCART2	481659.83	3732302.05	481659.83,	0.02096	0.02127	0.04969	0.03913	0.04159	0.05717	6.23E-05	6.59E-05	1.54E-04	6.32E-07	1.93E-07	1.15E-07	2.83E-04	9.8E-08	3.0E-07	1.7E-07	1.6E-07	7.1E-08	3.9E-09	2.4E-08	0.0E+00	0.0E+00	0.0E+00	2.8E-08
1435	UCART2	479709.83	3732352.05	479709.83,	0.1734	0.08007	0.01955	0.04684	0.03544	0.0212	5.15E-04	2.48E-04	6.07E-05	7.57E-07	1.65E-07	4.27E-08	8.25E-04	2.9E-07	8.6E-07	5.0E-07	4.5E-07	2.1E-07	1.1E-08	6.9E-08	0.0E+00	0.0E+00	0.0E+00	8.0E-08
1436	UCART2	479759.83	3732352.05	479759.83,	0.17003	0.08115	0.02005	0.04817	0.03631	0.02179	5.05E-04	2.51E-04	6.22E-05	7.78E-07	1.69E-07	4.39E-08	8.20E-04	2.8E-07	8.6E-07	5.0E-07	4.5E-07	2.1E-07	1.1E-08	6.9E-08	0.0E+00	0.0E+00	0.0E+00	8.0E-08
1437	UCART2	479809.83	3732352.05	479809.83,	0.1641	0.08191	0.02057	0.04934	0.03716	0.02239	4.88E-04	2.54E-04	6.38E-05	7.97E-07	1.73E-07	4.51E-08	8.06E-04	2.8E-07	8.4E-07	4.9E-07	4.4E-07	2.0E-07	1.1E-08	6.8E-08	0.0E+00	0.0E+00	0.0E+00	7.8E-08
1438	UCART2	479859.83	3732352.05	479859.83,	0.1561	0.08234	0.02111	0.05036	0.03801	0.02301	4.64E-04	2.55E-04	6.55E-05	8.14E-07	1.77E-07	4.64E-08	7.85E-04	2.7E-07	8.2E-07	4.8E-07	4.3E-07	2.0E-07	1.1E-08	6.6E-08	0.0E+00	0.0E+00	0.0E+00	7.6E-08
1439	UCART2	479909.83	3732352.05	479909.83,	0.14652	0.08236	0.02166	0.05115	0.03883	0.02366	4.35E-04	2.55E-04	6.72E-05	8.26E-07	1.81E-07	4.77E-08	7.59E-04	2.6E-07	7.9E-07	4.6E-07	4.2E-07	1.9E-07	1.0E-08	6.4E-08	0.0E+00	0.0E+00	0.0E+00	7.4E-08
1440	UCART2	479959.83	3732352.05	479959.83,	0.13601	0.08185	0.02221	0.05167	0.03962	0.02431	4.04E-04	2.53E-04	6.89E-05	8.35E-07	1.84E-07	4.90E-08	7.28E-04	2.5E-07	7.6E-07	4.4E-07	4.0E-07	1.8E-07	9.9E-09	6.1E-08	0.0E+00	0.0E+00	0.0E+00	7.1E-08
1441	UCART2	480009.83	3732352.05	480009.83,	0.12527	0.0808	0.02278	0.05194	0.0404	0.02498	3.72E-04	2.50E-04	7.07E-05	8.39E-07	1.88E-07	5.04E-08	6.94E-04	2.4E-07	7.3E-07	4.2E-07	3.8E-07	1.7E-07	9.4E-09	5.8E-08	0.0E+00	0.0E+00	0.0E+00	6.8E-08
1442	UCART2	480059.83	3732352.05	480059.83,	0.11482	0.07918	0.02335	0.05197	0.04115	0.02566	3.41E-04	2.45E-04	7.24E-05	8.40E-07	1.91E-07	5.17E-08	6.60E-04	2.3E-07	6.9E-07	4.0E-07	3.6E-07	1.7E-07	9.0E-09	5.5E-08	0.0E+00	0.0E+00	0.0E+00	6.4E-08
1443	UCART2	480109.83	3732352.05	480109.83,	0.10502	0.077	0.02394	0.05178	0.04185	0.02636	3.12E-04	2.38E-04	7.43E-05	8.36E-07	1.95E-07	5.31E-08	6.26E-04	2.2E-07	6.5E-07	3.8E-07	3.4E-07	1.6E-07	8.5E-09	5.2E-08	0.0E+00	0.0E+00	0.0E+00	6.1E-08
1444	UCART2	480159.83	3732352.05	480159.83,	0.09616	0.07439	0.02454	0.05146	0.04252	0.02707	2.86E-04	2.30E-04	7.61E-05	8.31E-07	1.98E-07	5.46E-08	5.93E-04	2.1E-07	6.2E-07	3.6E-07	3.3E-07	1.5E-07	8.1E-09	5.0E-08	0.0E+00	0.0E+00	0.0E+00	5.8E-08
1445	UCART2	480209.83	3732352.05	480209.83,	0.08818	0.07145	0.02516	0.05105	0.04312	0.0278	2.62E-04	2.21E-04	7.81E-05	8.25E-07	2.00E-07	5.60E-08	5.62E-04	1.9E-07	5.9E-07	3.4E-07	3.1E-07	1.4E-07	7.6E-09	4.7E-08	0.0E+00	0.0E+00	0.0E+00	5.5E-08
1446	UCART2	480259.83	3732352.05	480259.83,	0.08111	0.06833	0.0258	0.05062	0.04369	0.02857	2.41E-04	2.12E-04	8.00E-05	8.18E-07	2.03E-07	5.76E-08	5.34E-04	1.8E-07	5.6E-07	3.2E-07	2.9E-07	1.3E-07	7.3E-09	4.5E-08	0.0E+00	0.0E+00	0.0E+00	5.2E-08
1447	UCART2	480309.83	3732352.05	480309.83,	0.07485	0.06511	0.02648	0.05019	0.0442	0.02938	2.22E-04	2.02E-04	8.22E-05	8.11E-07	2.05E-07	5.92E-08	5.07E-04	1.8E-07	5.3E-07	3.1E-07	2.8E-07	1.3E-07	6.9E-09	4.2E-08	0.0E+00	0.0E+00	0.0E+00	4.9E-08
1448	UCART2	480359.83	3732352.05	480359.83,	0.06912	0.06186	0.02718	0.04973	0.04464	0.0302	2.05E-04	1.92E-04	8.43E-05	8.03E-07	2.08E-07	6.09E-08	4.82E-04	1.7E-07	5.0E-07	2.9E-07	2.6E-07	1.2E-07	6.6E-09	4.0E-08	0.0E+00	0.0E+00	0.0E+00	4.7E-08
1449	UCART2	480409.83	3732352.05	480409.83,	0.06398	0.05877	0.02791	0.0493	0.04504	0.03107	1.90E-04	1.82E-04	8.66E-05	7.96E-07	2.09E-07	6.26E-08	4.60E-04	1.6E-07	4.8E-07	2.8E-07	2.5E-07	1.2E-07	6.3E-09	3.9E-08	0.0E+00	0.0E+00	0.0E+00	4.5E-08
1450	UCART2	480459.83	3732352.05	480459.83,	0.05942	0.05583	0.02866	0.04886	0.04537	0.03197	1.77E-04	1.73E-04	8.89E-05	7.89E-07	2.11E-07	6.44E-08	4.39E-04	1.5E-07	4.6E-07	2.7E-07	2.4E-07	1.1E-07	6.0E-09	3.7E-08	0.0E+00	0.0E+00	0.0E+00	4.3E-08
1451	UCART2	480509.83	3732352.05	480509.83,	0.05538	0.05299	0.02941	0.04843	0.04563	0.03287	1.65E-04	1.64E-04	9.12E-05	7.82E-07	2.12E-07	6.63E-08	4.21E-04	1.5E-07	4.4E-07	2.5E-07	2.3E-07	1.1E-07	5.7E-09	3.5E-08	0.0E+00	0.0E+00	0.0E+00	4.1E-08
1452	UCART2	480559.83	3732352.05	480559.83,	0.0518	0.05032	0.0302	0.04802	0.04585	0.03381	1.54E-04	1.56E-04	9.37E-05	7.76E-07	2.13E-07	6.82E-08	4.04E-04	1.4E-07	4.2E-07	2.4E-07	2.2E-07	1.0E-07	5.5E-09	3.4E-08	0.0E+00	0.0E+00	0.0E+00	3.9E-08
1453	UCART2	480609.83	3732352.05	480609.83,	0.04862	0.04781	0.03101	0.04764	0.04603	0.0348	1.44E-04	1.48E-04	9.62E-05	7.70E-07	2.14E-07	7.02E-08	3.90E-04	1.3E-07	4.1E-07	2.4E-07	2.1E-07	9.8E-08	5.3E-09	3.3E-08	0.0E+00	0.0E+00	0.0E+00	3.8E-08
1454	UCART2	480659.83	3732352.05	480659.83,	0.04578	0.04547	0.03187	0.04731	0.0462	0.03584	1.36E-04	1.41E-04	9.89E-05	7.64E-07	2.15E-07	7.22E-08	3.77E-04	1.3E-07	3.9E-07	2.3E-07	2.1E-07	9.4E-08	5.1E-09	3.2E-08	0.0E+00	0.0E+00	0.0E+00	3.7E-08
1455	UCART2	480709.83	3732352.05	480709.83,	0.04325	0.04313	0.03267	0.04699	0.04634	0.03691	1.28E-04	1.36E-04	1.02E-04	7.59E-07	2.15E-07	7.44E-08	3.65E-04	1.3E-07	3.8E-07	2.2E-07	2.0E-07	9.1E-08	5.0E-09	3.1E-08	0.0E+00	0.0E+00	0.0E+00	3.6E-08
1456	UCART2	480759.83	3732352.05	480759.83,	0.04097	0.04127	0.0337	0.04669	0.04645	0.03806	1.22E-04	1.28E-04	1.05E-04	7.54E-07	2.16E-07	7.67E-08	3.55E-04	1.2E-07	3.7E-07	2.1E-07	1.9E-07	8.9E-08	4.8E-09	3.0E-08	0.0E+00	0.0E+00	0.0E+00	3.5E-08
1457	UCART2	480809.83	3732352.05	480809.83,	0.03891	0.03945	0.03471	0.04644	0.04658	0.03932	1.16E-04	1.22E-04	1.08E-04	7.50E-07	2.17E-07	7.93E-08	3.46E-04	1.2E-07	3.6E-07	2.1E-07	1.9E-07	8.7E-08	4.7E-09	2.9E-08	0.0E+00	0.0E+00	0.0E+00	3.4E-08
1458	UCART2	480859.83	3732352.05	480859.83,	0.03705	0.03768	0.03566	0.04614	0.04659	0.04048	1.10E-04	1.17E-04	1.11E-04	7.45E-07	2.17E-07	8.16E-08	3.38E-04	1.2E-07	3.5E-07	2.0E-07	1.9E-07	8.5E-08	4.6E-09	2.8E-08	0.0E+00	0.0E+00	0.0E+00	3.3E-08
1459	UCART2	480909.83	3732352.05	480909.83,	0.03535	0.03608	0.03671	0.0459	0.04665	0.04185	1.05E-04	1.12E-04	1.14E-04	7.41E-07	2.17E-07	8.44E-08	3.32E-04	1.1E-07	3.5E-07	2.0E-07	1.8E-07	8.3E-08	4.5E-09	2.8E-08	0.0E+00	0.0E+00	0.0E+00	3.2E-08
1460	UCART2	480959.83	3732352.05	480959.83,	0.0338	0.03455	0.03774	0.04562	0.04663	0.04313	1.00E-04	1.07E-04	1.17E-04	7.37E-07	2.17E-07	8.69E-08	3.26E-04	1.1E-07	3.4E-07	2.0E-07	1.8E-07	8.1E-08	4.4E-09	2.7E-08	0.0E+00	0.0E+00	0.0E+00	3.2E-08
1461	UCART2	481009.83	3732352.05	481009.83,	0.03239	0.03313	0.03878	0.04533	0.04658	0.04442	9.62E-05	1.03E-04	1.20E-04	7.32E-07	2.17E-07	8.95E-08	3.20E-04	1.1E-07	3.3E-07	1.9E-07	1.8E-07	8.0E-08	4.4E-09	2.7E-08	0.0E+00	0.0E+00	0.0E+00	3.1E-08
1462	UCART2	481059.83	3732352.05	481059.83,	0.03109	0.03181	0.03981	0.04504	0.04649	0.0457	9.24E-05	9.85E-05	1.24E-04	7.28E-07	2.16E-07	9.21E-08	3.15E-04	1.1E-07	3.3E-07	1.9E-07	1.7E-07	7.9E-08	4.3E-09	2.6E-08	0.0E+00	0.0E+00	0.0E+00	3.1E-08
1463	UCART2	481109.83	3732352.05	481109.83,	0.0299	0.03058	0.04084	0.04473	0.04637	0.04695	8.88E-05	9.47E-05	1.27E-04	7.23E-07	2.16E-07	9.46E-08	3.11E-04	1.1E-07	3.3E-07	1.9E-07	1.7E-07	7.8E-08	4.2E-09	2.6E-08	0.0E+00	0.0E+00	0.0E+00	3.0E-08
1464	UCART2	481159.83	3732352.05	481159.83,	0.02879	0.02944	0.04187	0.04441	0.04618	0.04822	8.55E-05	9.12E-05	1.30E-04	7.17E-07	2.15E-07	9.72E-08	3.08E-04	1.1E-07	3.2E-07	1.9E-07	1.7E-07	7.7E-08	4.2E-09	2.6E-08	0.0E+00	0.0E+00	0.0E+00	3.0E-08
1465	UCART2	481209.83	3732352.05	481209.83,	0.02777	0.02838	0.04292	0.04402	0.04592	0.04949	8.25E-05	8.79E-05	1.33E-04	7.11E-07	2.13E-07	9.98E-08	3.05E-04	1.1E-07	3.2E-07	1.8E-07	1.7E-07	7.6E-08	4.1E-09	2.6E-08	0.0E+00	0.0E+00	0.0E+00	3.0E-08
1466	UCART2	481259.83	3732352.05	481259.83,	0.02682	0.02737	0.04396	0.04366	0.04573	0.05074	7.97E-05	8.48E-05	1.36E-04	7.05E-07	2.13E-07	1.02E-07	3.02E-04	1.0E-07	3.2E-07	1.8E-07	1.7E-07	7.6E-08	4.1E-09	2.5E-08	0.0E+00	0.0E+00	0.0E+00	2.9E-08
1467	UCART2	481309.83	3732352.05	481309.83,	0.02592	0.02645	0.04503	0.04335	0.04554	0.05201	7.70E-05	8.19E-05	1.40E-04	7.00E-07	2.12E-07	1.05E-07	3.00E-04	1.0E-07	3.1E-07	1.8E-07	1.6E-07	7.5E-08	4.1E-09	2.5E-08	0.0E+00	0.0E+00	0.0E+00	2.9E-08
1468	UCART2	481359.83	3732352.05	481359.83,	0.0251	0.02559	0.04605	0.04298	0.04528	0.05322	7.46E-05	7.92E-05	1.43E-04	6.94E-07	2.10E-07	1.07E-07	2.98E-04	1.0E-07	3.1E-07	1.8E-07	1.6E-07	7.5E-08	4.0E-09	2.5E-08	0.0E+00	0.0E+00	0.0E+00	2.9E-08
1469	UCART2	481409.83	3732352.05	481409.83,	0.02432	0.02478	0.04708	0.04262	0.045	0.05442	7.23E-05	7.67E-05	1.46E-04	6.89E-07	2.09E-07	1.10E-07	2.96E-04	1.0E-07	3.1E-07	1.8E-07	1.6E-07	7.4E-08	4.0E-09	2.5E-08	0.0E+00	0.0E+00	0.0E+00	2.9E-08
1470	UCART2	481459.83	3732352.05	481459.83,	0.02359	0.02401	0.04813	0.04225	0.04471	0.05566	7.01E-05	7.43E-05	1.49E-04	6.83E-07	2.08E-07	1.12E-07	2.95E-04	1.0E-07	3.1E-07	1.8E-07	1.6E-07	7.4E-08	4.0E-09	2.5E-08	0.0E+00	0.0E+00	0.0E+00	2.9E-08
1471	UCART2	481509.83	3732352.05	481509.83,	0.0229	0.0233	0.04917	0.04185	0.04438	0.05687	6.80E-05	7.21E-05	1.53E-04	6.76E-07	2.06E-07	1.15E-07	2.94E-04	1.0E-07	3.1E-07	1.8E-07	1.6E-07	7.4E-08	4.0E-09	2.5E-08	0.0E+00	0.0E+00	0.0E+00	2.9E-08
1472	UCART2	481559.83	3732352.05	481559.83,	0.02225	0.02262	0.05025	0.04147	0.04406	0.05817	6.61E-05	7.00E-05	1.56E-04	6.70E-07	2.05E-07	1.17E-07	2.93E-04	1.0E-07	3.1E-07	1.8E-07	1.6E-07	7.3E-08	4.0E-09	2.5E-08	0.0E+00	0.0E+00	0.0E+00	2.9E-08
1473	UCART2	481609.83	3732352.05	481609.83,	0.02164	0.02199	0.05127	0.04102	0.04365	0.05938	6.43E-05	6.81E-05	1.59E-04	6.63E-07	2.03E-07	1.20E-07	2.92E-04	1.0E-07	3.1E-07	1.8E-07	1.6E-07	7.3E-08	4.0E-09	2.4E-08	0.0E+00	0.0E+00	0.0E+00	2.8E-08
1474	UCART2	481659.83	3732352.05	481659.83,	0.02106	0.02138	0.05235	0.04059	0.04326	0.06069	6.26E-05	6.62E-05	1.62E-04	6.56E-07	2.01E-07	1.22E-07	2.92E-04	1.0E-07	3.1E-07	1.8E-07	1.6E-07	7.3E-08	4.0E-09	2.4E-08	0.0E+00	0.0E+00	0.0E+00	2.8E-08
1475	UCART2	479709.83	3732402.05	479709.83,	0.19704	0.08668	0.01965	0.05008	0.03688	0.02131	5.85E-04	2.68E-04	6.10E-05	8.09E-07	1.71E-07	4.30E-08	9.16E-04	3.2E-07	9.6E-07	5.5E-07	5.0E-07	2.3E-07	1.2E-08	7.7E-08	0.0E+00	0.0E+00	0.0E+00	8.9E-08
1476	UCART2	479759.83	3732402.05	479759.83,	0.19173	0.08794	0.02017	0.05162	0.03784	0.02192	5.70E-04	2.72E-04	6.26E-05	8.34E-07

1552	UCART2	481559.83	3732452.05	481559.83,	0.02248	0.02287	0.05584	0.04485	0.04791	0.06574	6.68E-05	7.08E-05	1.73E-04	7.25E-07	2.23E-07	1.33E-07	3.12E-04	1.1E-07	3.3E-07	1.9E-07	1.7E-07	7.8E-08	4.2E-09	2.6E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	3.0E-08
1553	UCART2	481609.83	3732452.05	481609.83,	0.02185	0.02223	0.05716	0.04437	0.04748	0.06736	6.49E-05	6.88E-05	1.77E-04	7.17E-07	2.21E-07	1.36E-07	3.12E-04	1.1E-07	3.3E-07	1.9E-07	1.7E-07	7.8E-08	4.2E-09	2.6E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	3.0E-08
1554	UCART2	481659.83	3732452.05	481659.83,	0.02126	0.02162	0.0585	0.04388	0.04701	0.06902	6.32E-05	6.69E-05	1.82E-04	7.09E-07	2.19E-07	1.39E-07	3.13E-04	1.1E-07	3.3E-07	1.9E-07	1.7E-07	7.8E-08	4.3E-09	2.6E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	3.0E-08
1555	UCART2	479709.83	3732502.05	479709.83,	0.26383	0.10404	0.0199	0.05895	0.04037	0.02158	7.84E-04	3.22E-04	6.17E-05	9.52E-07	1.88E-07	4.35E-08	1.17E-03	4.0E-07	1.2E-06	7.1E-07	6.4E-07	2.9E-07	1.6E-08	9.8E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.1E-07
1556	UCART2	479759.83	3732502.05	479759.83,	0.25181	0.10605	0.02051	0.06126	0.04163	0.02229	7.48E-04	3.28E-04	6.36E-05	9.90E-07	1.94E-07	4.49E-08	1.14E-03	4.0E-07	1.2E-06	6.9E-07	6.3E-07	2.9E-07	1.6E-08	9.6E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.1E-07
1557	UCART2	479809.83	3732502.05	479809.83,	0.23388	0.1069	0.02108	0.06293	0.04275	0.02296	6.95E-04	3.31E-04	6.54E-05	1.02E-06	1.99E-07	4.63E-08	1.09E-03	3.8E-07	1.1E-06	6.6E-07	6.0E-07	2.7E-07	1.5E-08	9.2E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.1E-07
1558	UCART2	479859.83	3732502.05	479859.83,	0.21188	0.10624	0.02161	0.06367	0.04364	0.02358	6.30E-04	3.29E-04	6.70E-05	1.03E-06	2.03E-07	4.75E-08	1.03E-03	3.6E-07	1.1E-06	6.2E-07	5.6E-07	2.6E-07	1.4E-08	8.6E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.0E-07
1559	UCART2	479909.83	3732502.05	479909.83,	0.1906	0.10534	0.02223	0.06416	0.04469	0.02432	5.66E-04	3.26E-04	6.90E-05	1.04E-06	2.08E-07	4.90E-08	9.63E-04	3.3E-07	1.0E-06	5.8E-07	5.3E-07	2.4E-07	1.3E-08	8.1E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	9.4E-08
1560	UCART2	479959.83	3732502.05	479959.83,	0.17083	0.10385	0.02293	0.06431	0.04586	0.02514	5.08E-04	3.22E-04	7.11E-05	1.04E-06	2.13E-07	5.07E-08	9.02E-04	3.1E-07	9.4E-07	5.5E-07	4.9E-07	2.3E-07	1.2E-08	7.6E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	8.8E-08
1561	UCART2	480009.83	3732502.05	480009.83,	0.15235	0.10115	0.02364	0.06387	0.04693	0.02598	4.53E-04	3.13E-04	7.33E-05	1.03E-06	2.18E-07	5.24E-08	8.40E-04	2.9E-07	8.8E-07	5.1E-07	4.6E-07	2.1E-07	1.1E-08	7.0E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	8.2E-08
1562	UCART2	480059.83	3732502.05	480059.83,	0.13474	0.09714	0.02428	0.06277	0.04769	0.02675	4.00E-04	3.01E-04	7.53E-05	1.01E-06	2.22E-07	5.39E-08	7.78E-04	2.7E-07	8.1E-07	4.7E-07	4.3E-07	1.9E-07	1.1E-08	6.5E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	7.6E-08
1563	UCART2	480109.83	3732502.05	480109.83,	0.11955	0.09259	0.02495	0.06156	0.04838	0.02757	3.55E-04	2.87E-04	7.74E-05	9.94E-07	2.25E-07	5.56E-08	7.21E-04	2.5E-07	7.5E-07	4.4E-07	4.0E-07	1.8E-07	9.8E-09	6.0E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	7.0E-08
1564	UCART2	480159.83	3732502.05	480159.83,	0.10677	0.08777	0.02567	0.06038	0.04905	0.02843	3.17E-04	2.72E-04	7.96E-05	9.75E-07	2.28E-07	5.73E-08	6.70E-04	2.3E-07	7.0E-07	4.1E-07	3.7E-07	1.7E-07	9.1E-09	5.6E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	6.5E-08
1565	UCART2	480209.83	3732502.05	480209.83,	0.09607	0.08285	0.02642	0.05931	0.04969	0.02935	2.85E-04	2.57E-04	8.20E-05	9.58E-07	2.31E-07	5.92E-08	6.25E-04	2.2E-07	6.5E-07	3.8E-07	3.4E-07	1.6E-07	8.5E-09	5.2E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	6.1E-08
1566	UCART2	480259.83	3732502.05	480259.83,	0.08699	0.07793	0.0272	0.05833	0.05026	0.03029	2.58E-04	2.41E-04	8.44E-05	9.42E-07	2.34E-07	6.11E-08	5.85E-04	2.0E-07	6.1E-07	3.5E-07	3.2E-07	1.5E-07	8.0E-09	4.9E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	5.7E-08
1567	UCART2	480309.83	3732502.05	480309.83,	0.07922	0.07315	0.02801	0.05743	0.05075	0.03127	2.35E-04	2.26E-04	8.69E-05	9.28E-07	2.36E-07	6.30E-08	5.50E-04	1.9E-07	5.7E-07	3.3E-07	3.0E-07	1.4E-07	7.5E-09	4.6E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	5.4E-08
1568	UCART2	480359.83	3732502.05	480359.83,	0.07248	0.0686	0.02883	0.05661	0.05117	0.03227	2.15E-04	2.12E-04	8.95E-05	9.15E-07	2.38E-07	6.51E-08	5.18E-04	1.8E-07	5.4E-07	3.1E-07	2.8E-07	1.3E-07	7.1E-09	4.3E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	5.0E-08
1569	UCART2	480409.83	3732502.05	480409.83,	0.06665	0.06441	0.0297	0.05591	0.05156	0.03333	1.98E-04	1.99E-04	9.21E-05	9.03E-07	2.40E-07	6.72E-08	4.91E-04	1.7E-07	5.1E-07	3.0E-07	2.7E-07	1.2E-07	6.7E-09	4.1E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	4.8E-08
1570	UCART2	480459.83	3732502.05	480459.83,	0.06159	0.06062	0.03061	0.05531	0.05192	0.03444	1.83E-04	1.88E-04	9.50E-05	8.94E-07	2.41E-07	6.94E-08	4.67E-04	1.6E-07	4.9E-07	2.8E-07	2.6E-07	1.2E-07	6.3E-09	3.9E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	4.5E-08
1571	UCART2	480509.83	3732502.05	480509.83,	0.05718	0.05711	0.03155	0.05476	0.05222	0.0356	1.70E-04	1.77E-04	9.79E-05	8.85E-07	2.43E-07	7.18E-08	4.46E-04	1.5E-07	4.7E-07	2.7E-07	2.4E-07	1.1E-07	6.1E-09	3.7E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	4.3E-08
1572	UCART2	480559.83	3732502.05	480559.83,	0.05332	0.05385	0.03254	0.05428	0.05249	0.0368	1.58E-04	1.67E-04	1.01E-04	8.77E-07	2.44E-07	7.42E-08	4.27E-04	1.5E-07	4.5E-07	2.6E-07	2.3E-07	1.1E-07	5.8E-09	3.6E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	4.2E-08
1573	UCART2	480609.83	3732502.05	480609.83,	0.04994	0.0508	0.03352	0.05382	0.05269	0.03805	1.48E-04	1.57E-04	1.04E-04	8.69E-07	2.45E-07	7.67E-08	4.11E-04	1.4E-07	4.3E-07	2.5E-07	2.3E-07	1.0E-07	5.6E-09	3.4E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	4.0E-08
1574	UCART2	480659.83	3732502.05	480659.83,	0.04696	0.04804	0.03461	0.05343	0.05288	0.03937	1.40E-04	1.49E-04	1.07E-04	8.63E-07	2.46E-07	7.94E-08	3.97E-04	1.4E-07	4.1E-07	2.4E-07	2.2E-07	9.9E-08	5.4E-09	3.3E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	3.9E-08
1575	UCART2	480709.83	3732502.05	480709.83,	0.0443	0.04551	0.03572	0.05306	0.05302	0.04074	1.32E-04	1.41E-04	1.11E-04	8.57E-07	2.46E-07	8.21E-08	3.85E-04	1.3E-07	4.0E-07	2.3E-07	2.1E-07	9.6E-08	5.2E-09	3.2E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	3.7E-08
1576	UCART2	480759.83	3732502.05	480759.83,	0.04194	0.04316	0.03683	0.05268	0.05308	0.04213	1.25E-04	1.34E-04	1.14E-04	8.51E-07	2.47E-07	8.49E-08	3.74E-04	1.3E-07	3.9E-07	2.3E-07	2.0E-07	9.4E-08	5.1E-09	3.1E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	3.6E-08
1577	UCART2	480809.83	3732502.05	480809.83,	0.0398	0.04107	0.03807	0.05242	0.05323	0.04375	1.18E-04	1.27E-04	1.18E-04	8.47E-07	2.47E-07	8.82E-08	3.65E-04	1.3E-07	3.8E-07	2.2E-07	2.0E-07	9.1E-08	5.0E-09	3.1E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	3.6E-08
1578	UCART2	480859.83	3732502.05	480859.83,	0.03787	0.0391	0.0393	0.0521	0.05326	0.04534	1.13E-04	1.21E-04	1.22E-04	8.42E-07	2.48E-07	9.14E-08	3.57E-04	1.2E-07	3.7E-07	2.2E-07	2.0E-07	8.9E-08	4.9E-09	3.0E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	3.5E-08
1579	UCART2	480909.83	3732502.05	480909.83,	0.03613	0.03727	0.04056	0.05177	0.05324	0.04693	1.07E-04	1.15E-04	1.26E-04	8.36E-07	2.47E-07	9.46E-08	3.50E-04	1.2E-07	3.7E-07	2.1E-07	1.9E-07	8.8E-08	4.8E-09	2.9E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	3.4E-08
1580	UCART2	480959.83	3732502.05	480959.83,	0.03453	0.0356	0.04187	0.05145	0.0532	0.04861	1.03E-04	1.10E-04	1.30E-04	8.31E-07	2.47E-07	9.80E-08	3.44E-04	1.2E-07	3.6E-07	2.1E-07	1.9E-07	8.6E-08	4.7E-09	2.9E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	3.3E-08
1581	UCART2	481009.83	3732502.05	481009.83,	0.03306	0.03405	0.04325	0.05115	0.05314	0.05043	9.82E-05	1.05E-04	1.34E-04	8.26E-07	2.47E-07	1.02E-07	3.39E-04	1.2E-07	3.5E-07	2.1E-07	1.9E-07	8.5E-08	4.6E-09	2.8E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	3.3E-08
1582	UCART2	481059.83	3732502.05	481059.83,	0.03173	0.03263	0.0446	0.05082	0.053	0.05216	9.43E-05	1.01E-04	1.38E-04	8.21E-07	2.46E-07	1.05E-07	3.35E-04	1.2E-07	3.5E-07	2.0E-07	1.8E-07	8.4E-08	4.6E-09	2.8E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	3.3E-08
1583	UCART2	481109.83	3732502.05	481109.83,	0.03048	0.03131	0.04601	0.05037	0.05275	0.05395	9.06E-05	9.69E-05	1.43E-04	8.14E-07	2.45E-07	1.09E-07	3.31E-04	1.1E-07	3.5E-07	2.0E-07	1.8E-07	8.3E-08	4.5E-09	2.8E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	3.2E-08
1584	UCART2	481159.83	3732502.05	481159.83,	0.02934	0.03011	0.04741	0.05002	0.05258	0.05573	8.72E-05	9.32E-05	1.47E-04	8.08E-07	2.44E-07	1.12E-07	3.29E-04	1.1E-07	3.4E-07	2.0E-07	1.8E-07	8.2E-08	4.5E-09	2.8E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	3.2E-08
1585	UCART2	481209.83	3732502.05	481209.83,	0.02828	0.02898	0.04884	0.04968	0.05239	0.05754	8.40E-05	8.97E-05	1.52E-04	8.03E-07	2.44E-07	1.16E-07	3.26E-04	1.1E-07	3.4E-07	2.0E-07	1.8E-07	8.2E-08	4.4E-09	2.7E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	3.2E-08
1586	UCART2	481259.83	3732502.05	481259.83,	0.0273	0.02795	0.05026	0.04931	0.05215	0.05934	8.11E-05	8.65E-05	1.56E-04	7.97E-07	2.42E-07	1.20E-07	3.25E-04	1.1E-07	3.4E-07	2.0E-07	1.8E-07	8.1E-08	4.4E-09	2.7E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	3.2E-08
1587	UCART2	481309.83	3732502.05	481309.83,	0.02638	0.02697	0.05173	0.04894	0.05191	0.06118	7.84E-05	8.35E-05	1.61E-04	7.91E-07	2.41E-07	1.23E-07	3.24E-04	1.1E-07	3.4E-07	2.0E-07	1.8E-07	8.1E-08	4.4E-09	2.7E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	3.2E-08
1588	UCART2	481359.83	3732502.05	481359.83,	0.02552	0.02607	0.05318	0.04854	0.05161	0.06298	7.58E-05	8.07E-05	1.65E-04	7.84E-07	2.40E-07	1.27E-07	3.23E-04	1.1E-07	3.4E-07	2.0E-07	1.8E-07	8.1E-08	4.4E-09	2.7E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	3.1E-08
1589	UCART2	481409.83	3732502.05	481409.83,	0.02472	0.02523	0.05466	0.04814	0.0513	0.06482	7.34E-05	7.81E-05	1.70E-04	7.78E-07	2.38E-07	1.31E-07	3.22E-04	1.1E-07	3.4E-07	2.0E-07	1.8E-07	8.1E-08	4.4E-09	2.7E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	3.1E-08
1590	UCART2	481459.83	3732502.05	481459.83,	0.02396	0.02443	0.05615	0.04773	0.05096	0.06667	7.12E-05	7.56E-05	1.74E-04	7.71E-07	2.37E-07	1.34E-07	3.22E-04	1.1E-07	3.4E-07	1.9E-07	1.8E-07	8.1E-08	4.4E-09	2.7E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	3.1E-08
1591	UCART2	481509.83	3732502.05	481509.83,	0.02325	0.0237	0.05762	0.04727	0.05056	0.06847	6.91E-05	7.34E-05	1.79E-04	7.64E-07	2.35E-07	1.38E-07	3.22E-04	1.1E-07	3.4E-07	2.0E-07	1.8E-07	8.1E-08	4.4E-09	2.7E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	3.1E-08
1592	UCART2	481559.83	3732502.05	481559.83,	0.02258	0.023	0.0591	0.04678	0.05011	0.07027	6.71E-05	7.12E-05	1.83E-04	7.56E-07	2.33E-07	1.42E-07	3.23E-04	1.1E-07	3.4E-07	2.0E-07	1.8E-07	8.1E-08	4.4E-09	2.7E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	3.1E-08
1593	UCART2	481609.83	3732502.05	481609.83,	0.02195	0.02235	0.06061	0.04627	0.04965	0.07214	6.52E-05	6.92E-05	1.88E-04	7.47E-07	2.31E-07	1.45E-07	3.24E-04	1.1E-07	3.4E-07	2.0E-07	1.8E-07	8.1E-08	4.4E-09	2.7E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	3.2E-08
1594	UCART2	481659.83	3732502.05	481659.83,	0.02135	0.02174	0.06212	0.04574	0.04915	0.07403	6.34E-05	6.73E-05	1.93E-04	7.39E-07	2.28E-07	1.49E-07	3.25E-04	1.1E-07	3.4E-07	2.0E-07	1.8E-07	8.1E-08	4.4E-09	2.7E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	3.2E-08
1595	UCART2	479709.83	3732552.05	479709.83,	0.30984	0.1151	0.02004	0.06496	0.0424	0.02174	9.21E-04	3.56E-04	6.22E-05	1.05E-06	1.97E-07	4.38E-08	1.34E-03	4.6E-07	1.4E-06	8.1E-07	7.4E-07	3.4E-07	1.8E-08	1.1E-07	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.3E-07
1596	UCART2	479759.83	3732552.05	479759.83,	0.28947	0.11681	0.0206	0.06741	0.04366	0.02239	8.60E-04	3.62E-04	6.39E-05	1.09E-06	2.03E-07	4.51E-08	1.29E-03	4.5E-07	1.3E-06	7.8E-07	7.1E-07	3.2E-07	1.8E-08	1.1E-07	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.3E-07
1597	UCART2	479809.83	3732552.05	479809.83,	0.26536	0.11806	0.02124	0.06937	0.04502	0.02314	7.88E-04	3.65E-04	6.59E-05	1.12E-06	2.09E-07	4.66E-08	1.22E-03	4.2E-07	1.3E-06	7.4E-07	6.7E-07	3.1E-07	1.7E-08	1.0E-07	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.2E-07
1598	UCART2	479859.83	3732552.05	479859.83,	0.23684	0.1174	0.02182	0.07032	0.04613	0.02382	7.04E-04	3.64E-04	6.77E-05	1.14E-06	2.14E-07	4.80E-08	1.14E-03	3.9E-07	1.2E-06	6.9E-07	6.2E-07	2.8E-07	1.5E-08	9.5E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.1E-07
1599	UCART2	479909.83	3732552.05	479909.83,	0.20931	0.11585	0.02247	0.07043	0.04729	0.02458	6.22E-04	3.59E-04	6.97E-05	1.14E-06	2.20E-07	4.95E-08	1.05E-03	3.6E-07	1.1E-06	6.4E-07	5.8E-07	2.6E-07	1.4E-08	8.8E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.0E-07
1600	UCART2	479959.83	3732552.05	479959.83,	0.18371	0.11306	0.02314	0.06978	0.0484	0.02538	5.46E-04	3.50E-04	7.18E-05	1.13E-06	2.25E-07	5.12E-08	9.69E-04	3.4E-07	1.0E-06	5.9E-07	5.3E-07	2.4E-07	1.3E-08	8.1E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	9.4E-08
1601	UCART2	480009.83	3732552.05	480009.83,	0.16178	0.10944	0.0239	0.06885	0.04958	0.02627	4.81E-04	3.39E-04	7.42E-05	1.11E-06	2.30E-07	5.30E-08	8.95E-04	3.1E-07	9.4E-07	5.4E-07	4.9E-07	2.2E-07	1.2E-08	7.5E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	8.7E-08
1602	UCART2	480059.83	3732552.05	480059.83,	0.14153	0.10438	0.02459	0.06725	0.05041	0.0271	4.20E-04	3.23E-04	7.63E-05	1.09E-06	2.34E-07	5.46E-08	8.21E-04	2.8E-07	8.6E-07	5.0E-07	4.5E-07	2.1E-07	1.1E-08	6.9E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	8.0E-08
1603	UCART2	480109.83	3732552.05	480109.83,	0.12459	0.09883	0.02531	0.06563	0.05117	0.02797	3.70E-04	3.06E-04	7.85E-05	1.06E-06	2.38E-07	5.64E-08	7.56E-04	2.6E-07	7.9E-07	4.6E-07	4.1E-07	1.9E-07	1.0E-08	6.3E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	7.4E-08
1604	UCART2	480159.83	3732552.05	480159.83,	0.1101	0.09288	0.02603	0.06394	0.05175	0.02885	3.27E-04	2.88E-04	8.08E-05	1.03E-06	2.41E-07	5.82E-08	6.97E-04	2.4E-07	7.3E-07	4.2E-07	3.8E-07	1.7E-07	9.5E-09	5.8E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	6.8E-08
1605	UCART2	480209.83	3732552.05	480209.83,	0.09823	0.08697	0.0268	0.06246	0.0523	0.0298	2.92E-04	2.69E-04	8.32E-05	1.01E-06	2.43E-07	6.01E-08	6.46E-04	2.2E-07	6.7E-07	3.9E-07	3.5E-07	1.6E-07	8.8E-09	5.4E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	6.3E-08
1606	UCART2	480259.83	3732552.05	480259.83,	0.08853	0.0813	0.02763	0.06122	0.05285	0.0308	2.63E-04	2.52E-04	8.57E-05	9.89E-07	2.46E-07	6.21E-08	6.02E-04	2.1E-07	6.3E-07	3.6E-07	3.3E-07	1.5E-07	8.2E-09	5.0E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	5.9E-08
1607	UCART2	480309.83	3732552.05	480309.83,	0.08038	0.07591	0.02849	0.06017	0.05334	0.03186	2.39E-04	2.35E-04	8.84E-05	9.72E-07	2.48E-07	6.42E-08	5.64E-04	2.0E-07	5.9E-07	3.4E-07	3.1E-07	1.4E-07	7.7E-09	4.7E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	5.5E-08
1608	UCART2	480359.83	3732552.05	480359.83,	0.07341	0.07052	0.02939	0.05926	0.05379	0.03296	2.18E-04	2.20E-04	9.12E-05	9.57E-07	2.50E-07	6.64E-08	5.30E-04	1.8E-07	5.5E-07	3.2E-07	2.9E-07	1.3E-07	7.2E-09	4.4E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	5.2E-08
1609	UCART2	480409.83	3732552.05	480409.83,	0.06738	0.06633	0.03031	0.05846	0.05416	0.03409	2.00E-04	2.05E-04	9.40E-05	9.44E-07	2.52E-07	6.87E-08	5.01E-04	1.7E-07	5.2E-07	3.0E-07	2.7E-07	1.3E-07	6.8E-09	4.2E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	4.9E-08
1610	UCART2	480459.83	3732552.05	480459.83,	0.0622	0.06217	0.03127	0.05775	0.05449	0.03527	1.85E-04	1.92E-04	9.70E-05	9.33E-07	2.53E-07	7.11E-08	4.76E-04	1.6E-07	5.0E-07	2.9E-07	2.6E-07	1.2E-07	6.5E-09	4.0E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	4.6E-08
1611	UCART2	480509.83	3732552.05	480509.83,	0.05771	0.0584	0.03228	0.05717	0.0548	0.03652	1.71E-04	1.81E-04	1.00E-04	9.24E-07	2.55E-07	7.36E-08	4.54E-04	1.6E-07	4.7E-07	2.7E-07	2.5E-07	1.1E-07	6.2E-09	3.8E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	4.4E-08
1612	UCART2	480559.83	3732552.05	480559.83,	0.05379	0.05491	0.03333	0.05665	0.05506	0.03782	1.60E-04	1.70E-04	1.03E-04	9.15E-07	2.56E-07	7.62E-08	4.34E-04	1.5E-07	4.5E-07	2.6E-07	2.4E-07	1.1E-07	5.9E-09	3.6E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	4.2E-08
1613	UCART2	480609.83	3732552.05	480609.83,	0.05037	0.05168	0.0344	0.05617	0.05526	0.03915	1.50E-04	1.60E-04	1.07E-04	9.07E-07	2.57E-07	7.89E-08	4.18E-04	1.4E-07	4.4E-07	2.5E-07	2.3E-07	1.0E-07	5.7E-09	3.5E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	4.1E-08
1614	UCART2	480659.83	3732552.05	480659.83,	0.04734	0.04878	0.03554	0.05575	0.05545	0.04058	1.41E-04	1.51E-04	1.10E-04	9.01E-07	2.58E-07	8.18E-08	4.03E-04	1.4E-07	4.2E-07	2.4E-07	2.2E-07	1.0E-07	5.5E-09	3.4E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	3.9E-08
1615	UCART2	480709.83	3732552.05	480709.83,	0.04465	0.04617	0.03676	0.05541	0.05563	0.04211	1.33E-04	1.43E-04	1.14E-04	8.95E-07	2.59E-07	8.49E-08	3.91E-04	1.4E-07	4.1E-07	2.4E-07	2.1E-07	9.8E-08	5.3E-09	3.3E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	3.8E-08
1616	UCART2	480759.83

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1836	UCART2	479759.83	3732852.05	479759.83,	0.82892	0.25303	0.02153	0.2031	0.06443	0.02341	2.46E-03	7.83E-04	6.68E-05	3.28E-06	3.00E-07	4.72E-08	3.32E-03	1.1E-06	3.5E-06	2.0E-06	1.8E-06	8.3E-07	4.5E-08	2.8E-07	0.0E+00	0.0E+00	0.0E+00	3.2E-07
1837	UCART2	479809.83	3732852.05	479809.83,	0.57599	0.24415	0.02202	0.17887	0.06643	0.024	1.71E-03	7.56E-04	6.83E-05	2.89E-06	3.09E-07	4.84E-08	2.54E-03	8.8E-07	2.7E-06	1.5E-06	1.4E-06	6.4E-07	3.5E-08	2.1E-07	0.0E+00	0.0E+00	0.0E+00	2.5E-07
1838	UCART2	479859.83	3732852.05	479859.83,	0.41433	0.23135	0.02264	0.15398	0.06848	0.02474	1.23E-03	7.16E-04	7.02E-05	2.49E-06	3.18E-07	4.99E-08	2.02E-03	7.0E-07	2.1E-06	1.2E-06	1.1E-06	5.1E-07	2.7E-08	1.7E-07	0.0E+00	0.0E+00	0.0E+00	2.0E-07
1839	UCART2	479909.83	3732852.05	479909.83,	0.31011	0.2144	0.0233	0.13383	0.07014	0.02551	9.21E-04	6.64E-04	7.23E-05	2.16E-06	3.26E-07	5.14E-08	1.66E-03	5.7E-07	1.7E-06	1.0E-06	9.1E-07	4.2E-07	2.3E-08	1.4E-07	0.0E+00	0.0E+00	0.0E+00	1.6E-07
1840	UCART2	479959.83	3732852.05	479959.83,	0.24481	0.19618	0.02412	0.1197	0.07179	0.02647	7.27E-04	6.07E-04	7.48E-05	1.93E-06	3.34E-07	5.34E-08	1.41E-03	4.9E-07	1.5E-06	8.5E-07	7.7E-07	3.5E-07	1.9E-08	1.2E-07	0.0E+00	0.0E+00	0.0E+00	1.4E-07
1841	UCART2	480009.83	3732852.05	480009.83,	0.19978	0.17837	0.02522	0.11001	0.07355	0.02772	5.94E-04	5.52E-04	7.82E-05	1.78E-06	3.42E-07	5.59E-08	1.23E-03	4.2E-07	1.3E-06	7.4E-07	6.7E-07	3.1E-07	1.7E-08	1.0E-07	0.0E+00	0.0E+00	0.0E+00	1.2E-07
1842	UCART2	480059.83	3732852.05	480059.83,	0.16573	0.15926	0.02599	0.10151	0.07414	0.02866	4.92E-04	4.93E-04	8.06E-05	1.64E-06	3.45E-07	5.78E-08	1.07E-03	3.7E-07	1.1E-06	6.5E-07	5.9E-07	2.7E-07	1.5E-08	8.9E-08	0.0E+00	0.0E+00	0.0E+00	1.0E-07
1843	UCART2	480109.83	3732852.05	480109.83,	0.14073	0.14201	0.02687	0.09525	0.07464	0.02971	4.18E-04	4.40E-04	8.34E-05	1.54E-06	3.47E-07	5.99E-08	9.43E-04	3.3E-07	9.9E-07	5.7E-07	5.2E-07	2.4E-07	1.3E-08	7.9E-08	0.0E+00	0.0E+00	0.0E+00	9.2E-08
1844	UCART2	480159.83	3732852.05	480159.83,	0.12173	0.12784	0.02809	0.09113	0.0756	0.03116	3.62E-04	3.96E-04	8.72E-05	1.47E-06	3.51E-07	6.28E-08	8.47E-04	2.9E-07	8.8E-07	5.1E-07	4.6E-07	2.1E-07	1.2E-08	7.1E-08	0.0E+00	0.0E+00	0.0E+00	8.2E-08
1845	UCART2	480209.83	3732852.05	480209.83,	0.10688	0.11467	0.0292	0.08769	0.07611	0.03251	3.18E-04	3.55E-04	9.06E-05	1.42E-06	3.54E-07	6.55E-08	7.65E-04	2.6E-07	8.0E-07	4.6E-07	4.2E-07	1.9E-07	1.0E-08	6.4E-08	0.0E+00	0.0E+00	0.0E+00	7.4E-08
1846	UCART2	480259.83	3732852.05	480259.83,	0.09508	0.10273	0.03018	0.08475	0.07623	0.03372	2.82E-04	3.18E-04	9.36E-05	1.37E-06	3.54E-07	6.80E-08	6.96E-04	2.4E-07	7.3E-07	4.2E-07	3.8E-07	1.7E-07	9.5E-09	5.8E-08	0.0E+00	0.0E+00	0.0E+00	6.8E-08
1847	UCART2	480309.83	3732852.05	480309.83,	0.08548	0.09261	0.03127	0.08251	0.0764	0.03508	2.54E-04	2.87E-04	9.70E-05	1.33E-06	3.55E-07	7.07E-08	6.39E-04	2.2E-07	6.7E-07	3.9E-07	3.5E-07	1.6E-07	8.7E-09	5.4E-08	0.0E+00	0.0E+00	0.0E+00	6.2E-08
1848	UCART2	480359.83	3732852.05	480359.83,	0.07754	0.08407	0.03249	0.08082	0.07667	0.03661	2.30E-04	2.60E-04	1.01E-04	1.31E-06	3.56E-07	7.38E-08	5.93E-04	2.1E-07	6.2E-07	3.6E-07	3.3E-07	1.5E-07	8.1E-09	5.0E-08	0.0E+00	0.0E+00	0.0E+00	5.8E-08
1849	UCART2	480409.83	3732852.05	480409.83,	0.07091	0.07653	0.03367	0.0793	0.0767	0.0381	2.11E-04	2.37E-04	1.04E-04	1.28E-06	3.57E-07	7.68E-08	5.54E-04	1.9E-07	5.8E-07	3.4E-07	3.0E-07	1.4E-07	7.5E-09	4.6E-08	0.0E+00	0.0E+00	0.0E+00	5.4E-08
1850	UCART2	480459.83	3732852.05	480459.83,	0.06525	0.07028	0.03506	0.07826	0.07697	0.03987	1.94E-04	2.18E-04	1.09E-04	1.26E-06	3.58E-07	8.04E-08	5.22E-04	1.8E-07	5.5E-07	3.2E-07	2.9E-07	1.3E-07	7.1E-09	4.4E-08	0.0E+00	0.0E+00	0.0E+00	5.1E-08
1851	UCART2	480509.83	3732852.05	480509.83,	0.06038	0.06494	0.03657	0.07747	0.07729	0.04182	1.79E-04	2.01E-04	1.13E-04	1.25E-06	3.59E-07	8.43E-08	4.96E-04	1.7E-07	5.2E-07	3.0E-07	2.7E-07	1.2E-07	6.7E-09	4.2E-08	0.0E+00	0.0E+00	0.0E+00	4.8E-08
1852	UCART2	480559.83	3732852.05	480559.83,	0.05617	0.06026	0.03815	0.07681	0.07756	0.0439	1.67E-04	1.87E-04	1.18E-04	1.24E-06	3.61E-07	8.85E-08	4.74E-04	1.6E-07	4.9E-07	2.9E-07	2.6E-07	1.2E-07	6.4E-09	4.0E-08	0.0E+00	0.0E+00	0.0E+00	4.6E-08
1853	UCART2	480609.83	3732852.05	480609.83,	0.05249	0.05613	0.0398	0.07623	0.07776	0.04609	1.56E-04	1.74E-04	1.23E-04	1.23E-06	3.61E-07	9.29E-08	4.55E-04	1.6E-07	4.8E-07	2.8E-07	2.5E-07	1.1E-07	6.2E-09	3.8E-08	0.0E+00	0.0E+00	0.0E+00	4.4E-08
1854	UCART2	480659.83	3732852.05	480659.83,	0.04924	0.05249	0.04157	0.07574	0.07795	0.04845	1.46E-04	1.63E-04	1.29E-04	1.22E-06	3.62E-07	9.77E-08	4.39E-04	1.5E-07	4.6E-07	2.7E-07	2.4E-07	1.1E-07	6.0E-09	3.7E-08	0.0E+00	0.0E+00	0.0E+00	4.3E-08
1855	UCART2	480709.83	3732852.05	480709.83,	0.04636	0.04925	0.04346	0.07531	0.0781	0.05096	1.38E-04	1.52E-04	1.35E-04	1.22E-06	3.63E-07	1.03E-07	4.27E-04	1.5E-07	4.5E-07	2.6E-07	2.3E-07	1.1E-07	5.8E-09	3.6E-08	0.0E+00	0.0E+00	0.0E+00	4.2E-08
1856	UCART2	480759.83	3732852.05	480759.83,	0.0438	0.04638	0.04542	0.07485	0.07814	0.0536	1.30E-04	1.44E-04	1.41E-04	1.21E-06	3.63E-07	1.08E-07	4.16E-04	1.4E-07	4.4E-07	2.5E-07	2.3E-07	1.0E-07	5.7E-09	3.5E-08	0.0E+00	0.0E+00	0.0E+00	4.1E-08
1857	UCART2	480809.83	3732852.05	480809.83,	0.04148	0.04381	0.04762	0.07451	0.07826	0.05668	1.23E-04	1.36E-04	1.48E-04	1.20E-06	3.64E-07	1.14E-07	4.08E-04	1.4E-07	4.3E-07	2.5E-07	2.2E-07	1.0E-07	5.4E-09	3.4E-08	0.0E+00	0.0E+00	0.0E+00	4.0E-08
1858	UCART2	480859.83	3732852.05	480859.83,	0.0394	0.04151	0.04989	0.07409	0.07821	0.05977	1.17E-04	1.29E-04	1.55E-04	1.20E-06	3.64E-07	1.20E-07	4.02E-04	1.4E-07	4.2E-07	2.4E-07	2.2E-07	1.0E-07	5.5E-09	3.4E-08	0.0E+00	0.0E+00	0.0E+00	3.9E-08
1859	UCART2	480909.83	3732852.05	480909.83,	0.0375	0.03943	0.0523	0.07365	0.07813	0.06311	1.11E-04	1.22E-04	1.62E-04	1.19E-06	3.63E-07	1.27E-07	3.97E-04	1.4E-07	4.2E-07	2.4E-07	2.2E-07	9.9E-08	5.4E-09	3.3E-08	0.0E+00	0.0E+00	0.0E+00	3.9E-08
1860	UCART2	480959.83	3732852.05	480959.83,	0.03578	0.03756	0.05485	0.0733	0.07809	0.06666	1.06E-04	1.16E-04	1.70E-04	1.18E-06	3.63E-07	1.34E-07	3.94E-04	1.4E-07	4.1E-07	2.4E-07	2.2E-07	9.9E-08	5.4E-09	3.3E-08	0.0E+00	0.0E+00	0.0E+00	3.8E-08
1861	UCART2	481009.83	3732852.05	481009.83,	0.03421	0.03585	0.05755	0.07294	0.078	0.07046	1.02E-04	1.11E-04	1.79E-04	1.18E-06	3.63E-07	1.42E-07	3.93E-04	1.4E-07	4.1E-07	2.4E-07	2.2E-07	9.8E-08	5.3E-09	3.3E-08	0.0E+00	0.0E+00	0.0E+00	3.8E-08
1862	UCART2	481059.83	3732852.05	481059.83,	0.03277	0.0343	0.0604	0.07256	0.07785	0.07451	9.74E-05	1.06E-04	1.87E-04	1.17E-06	3.62E-07	1.50E-07	3.93E-04	1.4E-07	4.1E-07	2.4E-07	2.2E-07	9.8E-08	5.3E-09	3.3E-08	0.0E+00	0.0E+00	0.0E+00	3.8E-08
1863	UCART2	481109.83	3732852.05	481109.83,	0.03145	0.03288	0.06341	0.07215	0.07766	0.07881	9.34E-05	1.02E-04	1.97E-04	1.17E-06	3.61E-07	1.59E-07	3.94E-04	1.4E-07	4.1E-07	2.4E-07	2.2E-07	9.9E-08	5.4E-09	3.3E-08	0.0E+00	0.0E+00	0.0E+00	3.8E-08
1864	UCART2	481159.83	3732852.05	481159.83,	0.03023	0.03157	0.06658	0.07172	0.07741	0.08337	8.98E-05	9.78E-05	2.07E-04	1.16E-06	3.60E-07	1.68E-07	3.96E-04	1.4E-07	4.1E-07	2.4E-07	2.2E-07	9.9E-08	5.4E-09	3.3E-08	0.0E+00	0.0E+00	0.0E+00	3.9E-08
1865	UCART2	481209.83	3732852.05	481209.83,	0.0291	0.03036	0.06991	0.07127	0.07712	0.08818	8.65E-05	9.40E-05	2.17E-04	1.15E-06	3.58E-07	1.78E-07	3.99E-04	1.4E-07	4.2E-07	2.4E-07	2.2E-07	1.0E-07	5.4E-09	3.3E-08	0.0E+00	0.0E+00	0.0E+00	3.9E-08
1866	UCART2	481259.83	3732852.05	481259.83,	0.02805	0.02924	0.07336	0.07077	0.07675	0.09321	8.33E-05	9.05E-05	2.28E-04	1.14E-06	3.57E-07	1.88E-07	4.03E-04	1.4E-07	4.2E-07	2.4E-07	2.2E-07	1.0E-07	5.5E-09	3.4E-08	0.0E+00	0.0E+00	0.0E+00	3.9E-08
1867	UCART2	481309.83	3732852.05	481309.83,	0.02707	0.0282	0.07699	0.07026	0.07637	0.09851	8.04E-05	8.73E-05	2.39E-04	1.14E-06	3.55E-07	1.99E-07	4.08E-04	1.4E-07	4.3E-07	2.5E-07	2.2E-07	1.0E-07	5.6E-09	3.4E-08	0.0E+00	0.0E+00	0.0E+00	4.0E-08
1868	UCART2	481359.83	3732852.05	481359.83,	0.02617	0.02724	0.08067	0.06967	0.07586	0.10387	7.78E-05	8.43E-05	2.50E-04	1.13E-06	3.53E-07	2.09E-07	4.14E-04	1.4E-07	4.3E-07	2.5E-07	2.3E-07	1.0E-07	5.6E-09	3.5E-08	0.0E+00	0.0E+00	0.0E+00	4.0E-08
1869	UCART2	481409.83	3732852.05	481409.83,	0.02531	0.02634	0.08455	0.06911	0.07539	0.10957	7.52E-05	8.16E-05	2.62E-04	1.12E-06	3.50E-07	2.21E-07	4.21E-04	1.5E-07	4.4E-07	2.5E-07	2.3E-07	1.1E-07	5.7E-09	3.5E-08	0.0E+00	0.0E+00	0.0E+00	4.1E-08
1870	UCART2	481459.83	3732852.05	481459.83,	0.0245	0.02549	0.08856	0.06853	0.07488	0.11549	7.28E-05	7.89E-05	2.75E-04	1.11E-06	3.48E-07	2.33E-07	4.28E-04	1.5E-07	4.5E-07	2.6E-07	2.3E-07	1.1E-07	5.8E-09	3.6E-08	0.0E+00	0.0E+00	0.0E+00	4.2E-08
1871	UCART2	481509.83	3732852.05	481509.83,	0.02373	0.02467	0.09264	0.06799	0.07438	0.12142	7.05E-05	7.64E-05	2.87E-04	1.10E-06	3.46E-07	2.45E-07	4.36E-04	1.5E-07	4.6E-07	2.6E-07	2.4E-07	1.1E-07	5.9E-09	3.7E-08	0.0E+00	0.0E+00	0.0E+00	4.2E-08
1872	UCART2	481559.83	3732852.05	481559.83,	0.02305	0.02395	0.09678	0.06713	0.07354	0.1273	6.85E-05	7.42E-05	3.00E-04	1.08E-06	3.42E-07	2.57E-07	4.45E-04	1.5E-07	4.6E-07	2.7E-07	2.4E-07	1.1E-07	6.0E-09	3.7E-08	0.0E+00	0.0E+00	0.0E+00	4.3E-08
1873	UCART2	481609.83	3732852.05	481609.83,	0.02239	0.02326	0.10105	0.06634	0.07276	0.13336	6.65E-05	7.20E-05	3.14E-04	1.07E-06	3.38E-07	2.69E-07	4.54E-04	1.6E-07	4.7E-07	2.7E-07	2.5E-07	1.1E-07	6.2E-09	3.8E-08	0.0E+00	0.0E+00	0.0E+00	4.4E-08
1874	UCART2	481659.83	3732852.05	481659.83,	0.02175	0.02259	0.10556	0.06557	0.07199	0.13991	6.46E-05	6.99E-05	3.28E-04	1.06E-06	3.35E-07	2.82E-07	4.64E-04	1.6E-07	4.8E-07	2.8E-07	2.5E-07	1.2E-07	6.3E-09	3.9E-08	0.0E+00	0.0E+00	0.0E+00	4.5E-08
1875	UCART2	479709.83	3732902.05	479709.83,	1.62246	0.30207	0.0211	0.33633	0.06728	0.02289	4.82E-03	9.35E-04	6.55E-05	5.43E-06	3.13E-07	4.61E-08	5.83E-03	2.0E-06	6.1E-06	3.5E-06	3.2E-06	1.5E-06	7.9E-08	4.9E-07	0.0E+00	0.0E+00	0.0E+00	5.7E-07
1876	UCART2	479759.83	3732902.05	479759.83,	1.00569	0.29688	0.02161	0.28847	0.07004	0.0235	2.99E-03	9.19E-04	6.70E-05	4.66E-06	3.26E-07	4.74E-08	3.98E-03	1.4E-06	4.2E-06	2.4E-06	2.2E-06	1.0E-06	5.4E-08	3.3E-07	0.0E+00	0.0E+00	0.0E+00	3.9E-07
1877	UCART2	479809.83	3732902.05	479809.83,	0.63712	0.28355	0.02217	0.22366	0.07254	0.02416	1.89E-03	8.78E-04	6.88E-05	3.61E-06	3.37E-07	4.87E-08	2.84E-03	9.8E-07	3.0E-06	1.7E-06	1.6E-06	7.1E-07	3.9E-08	2.4E-07	0.0E+00	0.0E+00	0.0E+00	2.8E-07
1878	UCART2	479859.83	3732902.05	479859.83,	0.44049	0.26478	0.02286	0.17958	0.07496	0.02497	1.31E-03	8.20E-04	7.09E-05	2.90E-06	3.48E-07	5.03E-08	2.20E-03	7.6E-07	2.3E-06	1.3E-06	1.2E-06	5.5E-07	3.0E-08	1.8E-07	0.0E+00	0.0E+00	0.0E+00	2.1E-07
1879	UCART2	479909.83	3732902.05	479909.83,	0.31709	0.23939	0.02339	0.14842	0.07618	0.02561	9.42E-04	7.41E-04	7.26E-05	2.40E-06	3.54E-07	5.16E-08	1.76E-03	6.1E-07	1.8E-06	1.1E-06	9.6E-07	4.4E-07	2.4E-08	1.5E-07	0.0E+00	0.0E+00	0.0E+00	1.7E-07
1880	UCART2	479959.83	3732902.05	479959.83,	0.24862	0.21519	0.02423	0.13011	0.07781	0.02659	7.39E-04	6.66E-04	7.52E-05	2.10E-06	3.62E-07	5.36E-08	1.48E-03	5.1E-07	1.5E-06	9.0E-07	8.1E-07	3.7E-07	2.0E-08	1.2E-07	0.0E+00	0.0E+00	0.0E+00	1.4E-07
1881	UCART2	480009.83	3732902.05	480009.83,	0.19207	0.19205	0.02526	0.11796	0.0793	0.02778	6.00E-04	5.91E-04	7.84E-05	1.91E-06	3.68E-07	5.60E-08	1.28E-03	4.4E-07	1.3E-06	7.2E-07	7.0E-07	3.2E-07	1.7E-08	1.1E-07	0.0E+00	0.0E+00	0.0E+00	1.2E-07
1882	UCART2	480059.83	3732902.05	480059.83,	0.16738	0.16943	0.02614	0.1083	0.07991	0.02881	4.97E-04	5.25E-04	8.11E-05	1.75E-06	3.71E-07	5.81E-08	1.11E-03	3.8E-07	1.2E-06	6.7E-07	6.1E-07	2.8E-07	1.5E-08	9.3E-08	0.0E+00	0.0E+00	0.0E+00	1.1E-07
1883	UCART2	480109.83	3732902.05	480109.83,	0.14199	0.14959	0.0271	0.10137	0.08039	0.02996	4.22E-04	4.63E-04	8.41E-05	1.64E-06	3.74E-07	6.04E-08	9.71E-04	3.4E-07	1.0E-06	5.9E-07	5.3E-07	2.4E-07	1.3E-08	8.1E-08	0.0E+00	0.0E+00	0.0E+00	9.5E-08
1884	UCART2	480159.83	3732902.05	480159.83,	0.12266	0.13326	0.02836	0.09677	0.08128	0.03146	3.64E-04	4.13E-04	8.80E-05	1.56E-06	3.78E-07	6.34E-08	8.67E-04	3.0E-07	9.1E-07	5.2E-07	4.8E-07	2.2E-07	1.2E-08	7.3E-08	0.0E+00	0.0E+00	0.0E+00	8.4E-08
1885	UCART2	480209.83	3732902.05	480209.83,	0.10761	0.11859	0.0295	0.09302	0.08173	0.03287	3.20E-04	3.67E-04	9.15E-05	1.50E-06	3.80E-07	6.63E-08	7.80E-04	2.7E-07	8.2E-07	4.7E-07	4.3E-07	2.0E-07	1.1E-08	6.5E-08	0.0E+00	0.0E+00	0.0E+00	7.6E-08
1886	UCART2	480259.83	3732902.05	480259.83,	0.09565	0.10581	0.0306	0.09002	0.08193	0.03423	2.84E-04	3.28E-04	9.49E-05	1.45E-06	3.81E-07	6.90E-08	7.09E-04	2.5E-07	7.4E-07	4.3E-07	3.9E-07	1.8E-07	9.6E-09	5.9E-08	0.0E+00	0.0E+00	0.0E+00	6.9E-08
1887	UCART2	480309.83	3732902.05	480309.83,	0.08594	0.09498	0.03175	0.08769	0.08211	0.03567	2.55E-04	2.94E-04	9.85E-05	1.42E-06	3.82E-07	7.19E-08	6.50E-04	2.2E-07	6.8E-07	3.9E-07	3.6E-07	1.6E-07	8.8E-09	5.4E-08	0.0E+00	0.0E+00	0.0E+00	6.3E-08
1888	UCART2	480359.83	3732902.05	480359.83,	0.07791	0.08585	0.03299	0.08591	0.08232	0.03725	2.31E-04	2.66E-04	1.02E-04	1.39E-06	3.83E-07	7.51E-08	6.01E-04	2.1E-07	6.3E-07	3.6E-07	3.3E-07	1.5E-07	8.2E-09	5.0E-08	0.0E+00	0.0E+00	0.0E+00	5.9E-08
1889	UCART2	480409.83	3732902.05	480409.83,	0.07124	0.07781	0.03417	0.0842	0.08219	0.03869	2.12E-04	2.41E-04	1.06E-04	1.36E-06	3.82E-07	7.80E-08	5.60E-04	1.9E-07	5.9E-07	3.4E-07	3.1E-07	1.4E-07	7.6E-09	4.7E-08	0.0E+00	0.0E+00	0.0E+00	5.5E-08
1890	UCART2	480459.83	3732902.05	480459.83,	0.06553	0.0713	0.03561	0.08311	0.08243	0.04054	1.95E-04	2.21E-04	1.10E-04	1.34E-06	3.83E-07	8.17E-08	5.28E-04	1.8E-07	5.5E-07	3.2E-07	2.9E-07	1.3E-07	7.2E-09	4.4E-08	0.0E+00	0.0E+00	0.0E+00	5.1E-08
1891	UCART2	480509.83	3732902.05	480509.83,	0.06061	0.0658	0.03722	0.08239	0.08285	0.04268	1.80E-04	2.04E-04	1.15E-04	1.33E-06	3.85E-07	8.60E-08	5.01E-04	1.7E-07	5.2E-07	3.0E-07	2.7E-07	1.3E-07	6.8E-09	4.2E-08	0.0E+00	0.0E+00	0.0E+00	4.9E-08
1892	UCART2	480559.83	3732902.05	480559.83,	0.05635	0.06093	0.03889	0.08171	0.08311	0.04486	1.67E-04	1.89E-04	1.21E-04	1.32E-06	3.86E-07	9.04E-08	4.79E-04	1.7E-07	4.9E-07	2.8E-07	2.6E-07	1.2E-07	6.5E-09	4.0E-08	0.0E+00	0.0E+00	0.0E+00	4.7E-08
1893	UCART2	480609.83	3732902.05	480609.83,	0.05265	0.05667	0.04063	0.08107	0.08326	0.04715	1.56E-04	1.75E-04	1.26E-04	1.31E-06	3.87E-07	9.50E-08	4.60E-04	1.6E-07	4.8E-07	2.8E-07	2.5E-07	1.2E-07	6.3E-09	3.9E-08	0.0E+00	0.0E+00	0.0E+00	4.5E-08
1894	UCART2	480659.83	3732902.05	480659.83,	0.04938	0.05294	0.04252	0.08056	0.08343	0.04965	1.47E-04	1.64E-04	1.32E-04	1.30E-06	3.88E-07	1.00E-07	4.44E-04	1.5E-07	4.6E-07	2.7E-07	2.4E-07	1.1E-07	6.0E-09	3.7E-08	0.0E+00	0.0E+00	0.0E+00	4.3E-08
1895	UCART2	480709.83	3732902.05	480709.83,	0.04647	0.04965	0.04461	0.08012	0.08359	0.05251	1.38E-04	1.54E-04	1.38E-04	1.29E-06	3.89E-07	1.06E-07	4.32E-04	1.5E-07	4.5E-07	2.6E-07	2.4E-07	1.1E-07	5.9E-09	3.6E-08	0.0E+00	0.0E+00	0.0E+00	4.2E-08
1896	UCART2	480759.83	3732902.05	480759.83,	0.0439	0.04675	0.04674	0.07965	0.08363	0.05542	1.30E-04	1.45E-04	1.45E-04	1.29E-06	3.89E-07	1.12E-07	4.22E-04	1.5E-07	4.4E-07	2.6E-07	2.3E-07	1.1E-07	5.7E-09	3.5E-08	0.0E+00	0.0E+00	0.0E+00	4.1E-08
1897	UCART2	480809.83	3732902.05	480809.83,	0.04158	0.04415	0.04906	0.07927	0.08368	0.05858	1.24E-04	1.37E-04	1.52E-04	1.28E-06	3.89E-07	1.18E-07	4.14E-04	1.4E-07	4.3E-07	2.5E-07	2.3E-07	1.0E-07	5.6E-09	3.5E-08	0.0E+00	0.0E+00	0.0E+00	4.0E-08
1898	UCART2	480859.83	3732902.05	480859.83,	0.03947	0.04182	0.05157	0.07881	0.08364	0.06206	1.17E-04	1.29E-04	1.60E-04	1.27E-06	3.89E-07	1.25E-07	4.09E-04	1.4E-07	4.3E-07	2.5E-07	2.2E-07	1.0E-07	5.6E-09	3.4E-08	0.0E+00	0.0E+00	0.0E+00	4.0E-08
1899	UCART2	480909.83	3732902.05	480909.83,	0.03757	0.03972	0.05422	0.07848	0.08366	0.06577	1.12E-04	1.23E-04	1.68E-04	1.27E-06	3.89E-07	1.33E-07	4.05E-04	1.4E-07	4.2E-07	2.4E-07	2.2E-07	1.0E-07	5.5E-09	3.4E-08	0.0E+00	0.0E+00	0.0E+00	3.9E-08
1900	UCART2	480959.83	3732902.05	480959.83,	0.03584	0.03783	0.05705	0.07811	0.08361	0.06976	1.06E-04	1.17E-04	1.77E-04	1.26E-06	3.89E-07	1.41E-07	4.02E-04	1.4E-07	4.2E-07	2.4E-07	2.2E-07	1.0E-07	5.5E-09	3.4E-08	0.0E+00	0.0E+00	0.0E+00	3.9E-08
1901	UCART2	481009.83	3732902.05	481009.83,	0.03427	0.03611	0.06006	0.07773	0.0835	0.07406	1.02E-04	1.12E-04	1.86E-04	1.26E-06	3.88E-07	1.49E-07	4.02E-04	1.4E-07	4.2E-07	2.4E-07	2.2E-07	1.0E-07	5.5E-09	3.4E-08	0.0E+00	0.0E+00	0.0E+00	3.9E-08
1902	UCART2	481059.83	3732902.05	481059.83,	0.03282	0.03454	0.06327	0.07733	0.08335	0.07868	9.75E-05	1.07E-04	1.96E-04	1.25E-06	3.87

1978	UCART2	480859.83	3733002.05	480859.83,	0.0395	0.04244	0.05479	0.09051	0.09709	0.06635	1.17E-04	1.31E-04	1.70E-04	1.46E-06	4.51E-07	1.34E-07	4.21E-04	1.5E-07	4.4E-07	2.5E-07	2.3E-07	1.1E-07	5.7E-09	3.5E-08	0.0E+00	0.0E+00	0.0E+00	4.1E-08
1979	UCART2	480909.83	3733002.05	480909.83,	0.0376	0.0403	0.05799	0.09014	0.09709	0.0709	1.12E-04	1.25E-04	1.80E-04	1.46E-06	4.51E-07	1.43E-07	4.18E-04	1.4E-07	4.4E-07	2.5E-07	2.3E-07	1.0E-07	5.7E-09	3.5E-08	0.0E+00	0.0E+00	0.0E+00	4.1E-08
1980	UCART2	480959.83	3733002.05	480959.83,	0.03586	0.03836	0.06149	0.08981	0.09709	0.07595	1.07E-04	1.19E-04	1.91E-04	1.45E-06	4.51E-07	1.53E-07	4.18E-04	1.4E-07	4.4E-07	2.5E-07	2.3E-07	1.0E-07	5.7E-09	3.5E-08	0.0E+00	0.0E+00	0.0E+00	4.1E-08
1981	UCART2	481009.83	3733002.05	481009.83,	0.03429	0.0366	0.06527	0.08942	0.09699	0.08147	1.02E-04	1.13E-04	2.03E-04	1.44E-06	4.51E-07	1.64E-07	4.20E-04	1.5E-07	4.4E-07	2.5E-07	2.3E-07	1.1E-07	5.7E-09	3.5E-08	0.0E+00	0.0E+00	0.0E+00	4.1E-08
1982	UCART2	481059.83	3733002.05	481059.83,	0.03284	0.035	0.06935	0.08901	0.09682	0.08752	9.76E-05	1.08E-04	2.15E-04	1.44E-06	4.50E-07	1.76E-07	4.23E-04	1.5E-07	4.4E-07	2.6E-07	2.3E-07	1.1E-07	5.8E-09	3.5E-08	0.0E+00	0.0E+00	0.0E+00	4.1E-08
1983	UCART2	481109.83	3733002.05	481109.83,	0.03151	0.03352	0.07379	0.0886	0.09663	0.09419	9.36E-05	1.04E-04	2.29E-04	1.43E-06	4.49E-07	1.90E-07	4.28E-04	1.5E-07	4.5E-07	2.6E-07	2.3E-07	1.1E-07	5.8E-09	3.6E-08	0.0E+00	0.0E+00	0.0E+00	4.2E-08
1984	UCART2	481159.83	3733002.05	481159.83,	0.03028	0.03217	0.07854	0.08812	0.09634	0.10143	9.00E-05	9.96E-05	2.44E-04	1.42E-06	4.48E-07	2.04E-07	4.35E-04	1.5E-07	4.6E-07	2.6E-07	2.4E-07	1.1E-07	5.9E-09	3.6E-08	0.0E+00	0.0E+00	0.0E+00	4.2E-08
1985	UCART2	481209.83	3733002.05	481209.83,	0.02914	0.03092	0.08366	0.08762	0.096	0.10934	8.66E-05	9.57E-05	2.60E-04	1.42E-06	4.46E-07	2.20E-07	4.44E-04	1.5E-07	4.6E-07	2.7E-07	2.4E-07	1.1E-07	6.0E-09	3.7E-08	0.0E+00	0.0E+00	0.0E+00	4.3E-08
1986	UCART2	481259.83	3733002.05	481259.83,	0.02809	0.02976	0.08914	0.08709	0.09562	0.11791	8.35E-05	9.21E-05	2.77E-04	1.41E-06	4.44E-07	2.38E-07	4.54E-04	1.6E-07	4.7E-07	2.7E-07	2.5E-07	1.1E-07	6.2E-09	3.8E-08	0.0E+00	0.0E+00	0.0E+00	4.4E-08
1987	UCART2	481309.83	3733002.05	481309.83,	0.0271	0.02868	0.09499	0.08654	0.0952	0.12718	8.05E-05	8.88E-05	2.95E-04	1.40E-06	4.43E-07	2.56E-07	4.66E-04	1.6E-07	4.9E-07	2.8E-07	2.6E-07	1.2E-07	6.3E-09	3.9E-08	0.0E+00	0.0E+00	0.0E+00	4.5E-08
1988	UCART2	481359.83	3733002.05	481359.83,	0.02618	0.02768	0.10119	0.08595	0.09471	0.13706	7.78E-05	8.57E-05	3.14E-04	1.39E-06	4.40E-07	2.76E-07	4.80E-04	1.7E-07	5.0E-07	2.9E-07	2.6E-07	1.2E-07	6.5E-09	4.0E-08	0.0E+00	0.0E+00	0.0E+00	4.7E-08
1989	UCART2	481409.83	3733002.05	481409.83,	0.02533	0.02674	0.10772	0.08531	0.09415	0.14756	7.53E-05	8.28E-05	3.34E-04	1.38E-06	4.38E-07	2.97E-07	4.94E-04	1.7E-07	5.2E-07	3.0E-07	2.7E-07	1.2E-07	6.7E-09	4.1E-08	0.0E+00	0.0E+00	0.0E+00	4.8E-08
1990	UCART2	481459.83	3733002.05	481459.83,	0.02452	0.02586	0.11456	0.08459	0.09348	0.15863	7.29E-05	8.01E-05	3.55E-04	1.37E-06	4.35E-07	3.20E-07	5.10E-04	1.8E-07	5.3E-07	3.1E-07	2.8E-07	1.3E-07	6.9E-09	4.3E-08	0.0E+00	0.0E+00	0.0E+00	5.0E-08
1991	UCART2	481509.83	3733002.05	481509.83,	0.02377	0.02505	0.1217	0.08381	0.09273	0.17019	7.06E-05	7.76E-05	3.78E-04	1.35E-06	4.31E-07	3.43E-07	5.28E-04	1.8E-07	5.5E-07	3.2E-07	2.9E-07	1.3E-07	7.2E-09	4.4E-08	0.0E+00	0.0E+00	0.0E+00	5.1E-08
1992	UCART2	481559.83	3733002.05	481559.83,	0.02306	0.02428	0.12916	0.08294	0.09188	0.18222	6.85E-05	7.52E-05	4.01E-04	1.34E-06	4.27E-07	3.67E-07	5.47E-04	1.9E-07	5.7E-07	3.3E-07	3.0E-07	1.4E-07	7.4E-09	4.6E-08	0.0E+00	0.0E+00	0.0E+00	5.3E-08
1993	UCART2	481609.83	3733002.05	481609.83,	0.0224	0.02356	0.13696	0.08202	0.09095	0.19473	6.66E-05	7.29E-05	4.25E-04	1.32E-06	4.23E-07	3.93E-07	5.67E-04	2.0E-07	5.9E-07	3.4E-07	3.1E-07	1.4E-07	7.7E-09	4.7E-08	0.0E+00	0.0E+00	0.0E+00	5.5E-08
1994	UCART2	481659.83	3733002.05	481659.83,	0.02177	0.02287	0.14509	0.08102	0.08993	0.20776	6.47E-05	7.08E-05	4.50E-04	1.31E-06	4.18E-07	4.19E-07	5.88E-04	2.0E-07	6.1E-07	3.6E-07	3.2E-07	1.5E-07	8.0E-09	4.9E-08	0.0E+00	0.0E+00	0.0E+00	5.7E-08
1995	UCART2	479709.83	3733052.05	479709.83,	3.268	0.56232	0.02147	2.60731	0.09259	0.02327	9.71E-03	1.74E-03	6.66E-05	4.21E-05	4.30E-07	4.69E-08	1.16E-02	4.0E-06	1.2E-05	7.0E-06	6.3E-06	2.9E-06	1.6E-07	9.7E-07	0.0E+00	0.0E+00	0.0E+00	1.1E-06
1996	UCART2	479759.83	3733052.05	479759.83,	1.22509	0.52447	0.02207	0.71378	0.09761	0.02397	3.64E-03	1.62E-03	6.85E-05	1.15E-05	4.54E-07	4.83E-08	5.34E-03	1.8E-06	5.6E-06	3.2E-06	2.9E-06	1.3E-06	7.3E-08	4.5E-07	0.0E+00	0.0E+00	0.0E+00	5.2E-07
1997	UCART2	479809.83	3733052.05	479809.83,	0.68464	0.46795	0.02276	0.38299	0.10154	0.02477	2.03E-03	1.45E-03	7.06E-05	6.19E-06	4.72E-07	4.99E-08	3.56E-03	1.2E-06	3.7E-06	2.2E-06	2.0E-06	8.9E-07	4.8E-08	3.0E-07	0.0E+00	0.0E+00	0.0E+00	3.5E-07
1998	UCART2	479859.83	3733052.05	479859.83,	0.45174	0.40335	0.02352	0.26127	0.10394	0.02565	1.34E-03	1.25E-03	7.30E-05	4.22E-06	4.83E-07	5.17E-08	2.67E-03	9.2E-07	2.8E-06	1.6E-06	1.5E-06	6.7E-07	3.6E-08	2.2E-07	0.0E+00	0.0E+00	0.0E+00	2.6E-07
1999	UCART2	479909.83	3733052.05	479909.83,	0.32712	0.34025	0.02431	0.20152	0.10497	0.02657	9.72E-04	1.05E-03	7.54E-05	3.26E-06	4.87E-07	5.34E-08	2.10E-03	7.3E-07	2.2E-06	1.3E-06	1.2E-06	5.3E-07	2.9E-08	1.8E-07	0.0E+00	0.0E+00	0.0E+00	2.0E-07
2000	UCART2	479959.83	3733052.05	479959.83,	0.25164	0.28367	0.02508	0.16734	0.10466	0.02748	7.48E-04	8.78E-04	7.78E-05	2.70E-06	4.87E-07	5.54E-08	1.71E-03	5.9E-07	1.8E-06	1.0E-06	9.4E-07	4.3E-07	2.3E-08	1.4E-07	0.0E+00	0.0E+00	0.0E+00	1.7E-07
2001	UCART2	480009.83	3733052.05	480009.83,	0.20196	0.23713	0.02597	0.14646	0.10429	0.02853	6.00E-04	7.34E-04	8.06E-05	2.37E-06	4.85E-07	5.75E-08	1.42E-03	4.9E-07	1.5E-06	8.6E-07	7.8E-07	3.5E-07	1.9E-08	1.2E-07	0.0E+00	0.0E+00	0.0E+00	1.4E-07
2002	UCART2	480059.83	3733052.05	480059.83,	0.16721	0.20026	0.02702	0.13313	0.10414	0.02978	4.97E-04	6.20E-04	8.38E-05	2.15E-06	4.84E-07	6.00E-08	1.20E-03	4.2E-07	1.3E-06	7.3E-07	6.6E-07	3.0E-07	1.6E-08	1.0E-07	0.0E+00	0.0E+00	0.0E+00	1.2E-07
2003	UCART2	480109.83	3733052.05	480109.83,	0.14177	0.17069	0.02809	0.12406	0.10401	0.03112	4.21E-04	5.29E-04	8.72E-05	2.00E-06	4.83E-07	6.27E-08	1.04E-03	3.6E-07	1.1E-06	6.3E-07	5.7E-07	2.6E-07	1.4E-08	8.7E-08	0.0E+00	0.0E+00	0.0E+00	1.0E-07
2004	UCART2	480159.83	3733052.05	480159.83,	0.12253	0.14669	0.02913	0.11761	0.10384	0.03245	3.64E-04	4.54E-04	9.04E-05	1.90E-06	4.83E-07	6.54E-08	9.11E-04	3.2E-07	9.5E-07	5.5E-07	5.0E-07	2.3E-07	1.2E-08	7.6E-08	0.0E+00	0.0E+00	0.0E+00	8.9E-08
2005	UCART2	480209.83	3733052.05	480209.83,	0.10754	0.12747	0.03024	0.11297	0.10376	0.03381	3.20E-04	3.95E-04	9.38E-05	1.82E-06	4.82E-07	6.82E-08	8.10E-04	2.8E-07	8.5E-07	4.9E-07	4.4E-07	2.0E-07	1.1E-08	6.8E-08	0.0E+00	0.0E+00	0.0E+00	7.9E-08
2006	UCART2	480259.83	3733052.05	480259.83,	0.09559	0.11203	0.03143	0.10957	0.10379	0.03527	2.84E-04	3.47E-04	9.75E-05	1.77E-06	4.82E-07	7.11E-08	7.31E-04	2.5E-07	7.6E-07	4.4E-07	4.0E-07	1.8E-07	9.9E-09	6.1E-08	0.0E+00	0.0E+00	0.0E+00	7.1E-08
2007	UCART2	480309.83	3733052.05	480309.83,	0.08587	0.09953	0.03271	0.10699	0.10385	0.03686	2.55E-04	3.08E-04	1.01E-04	1.73E-06	4.83E-07	7.43E-08	6.67E-04	2.3E-07	7.0E-07	4.0E-07	3.7E-07	1.7E-07	9.1E-09	5.6E-08	0.0E+00	0.0E+00	0.0E+00	6.5E-08
2008	UCART2	480359.83	3733052.05	480359.83,	0.07786	0.08929	0.03407	0.10503	0.10396	0.03856	2.31E-04	2.76E-04	1.06E-04	1.70E-06	4.83E-07	7.77E-08	6.16E-04	2.1E-07	6.4E-07	3.7E-07	3.4E-07	1.5E-07	8.4E-09	5.2E-08	0.0E+00	0.0E+00	0.0E+00	6.0E-08
2009	UCART2	480409.83	3733052.05	480409.83,	0.07119	0.08084	0.03541	0.10332	0.10389	0.04026	2.12E-04	2.50E-04	1.10E-04	1.67E-06	4.83E-07	8.12E-08	5.74E-04	2.0E-07	6.0E-07	3.5E-07	3.1E-07	1.4E-07	7.8E-09	4.8E-08	0.0E+00	0.0E+00	0.0E+00	5.6E-08
2010	UCART2	480459.83	3733052.05	480459.83,	0.06549	0.07375	0.03698	0.1021	0.10405	0.04226	1.95E-04	2.28E-04	1.15E-04	1.65E-06	4.84E-07	8.52E-08	5.40E-04	1.9E-07	5.6E-07	3.3E-07	3.0E-07	1.4E-07	7.3E-09	4.5E-08	0.0E+00	0.0E+00	0.0E+00	5.3E-08
2011	UCART2	480509.83	3733052.05	480509.83,	0.06058	0.06774	0.03872	0.10121	0.10431	0.04449	1.80E-04	2.10E-04	1.20E-04	1.63E-06	4.85E-07	8.97E-08	5.12E-04	1.8E-07	5.4E-07	3.1E-07	2.8E-07	1.3E-07	7.0E-09	4.3E-08	0.0E+00	0.0E+00	0.0E+00	5.0E-08
2012	UCART2	480559.83	3733052.05	480559.83,	0.05631	0.06258	0.04072	0.10058	0.10467	0.04719	1.67E-04	1.94E-04	1.26E-04	1.62E-06	4.87E-07	9.51E-08	4.90E-04	1.7E-07	5.1E-07	3.0E-07	2.7E-07	1.2E-07	6.7E-09	4.1E-08	0.0E+00	0.0E+00	0.0E+00	4.8E-08
2013	UCART2	480609.83	3733052.05	480609.83,	0.05259	0.05812	0.0428	0.09991	0.10481	0.0499	1.56E-04	1.80E-04	1.33E-04	1.61E-06	4.87E-07	1.01E-07	4.71E-04	1.6E-07	4.9E-07	2.9E-07	2.6E-07	1.2E-07	6.4E-09	3.9E-08	0.0E+00	0.0E+00	0.0E+00	4.6E-08
2014	UCART2	480659.83	3733052.05	480659.83,	0.04934	0.05426	0.045	0.0993	0.10489	0.05282	1.47E-04	1.68E-04	1.40E-04	1.60E-06	4.88E-07	1.06E-07	4.56E-04	1.6E-07	4.8E-07	2.8E-07	2.5E-07	1.1E-07	6.2E-09	3.8E-08	0.0E+00	0.0E+00	0.0E+00	4.4E-08
2015	UCART2	480709.83	3733052.05	480709.83,	0.04644	0.05085	0.04745	0.09883	0.10507	0.0561	1.38E-04	1.57E-04	1.47E-04	1.60E-06	4.88E-07	1.13E-07	4.45E-04	1.5E-07	4.6E-07	2.7E-07	2.4E-07	1.1E-07	6.0E-09	3.7E-08	0.0E+00	0.0E+00	0.0E+00	4.3E-08
2016	UCART2	480759.83	3733052.05	480759.83,	0.04385	0.04783	0.05016	0.09853	0.10533	0.05978	1.30E-04	1.48E-04	1.56E-04	1.59E-06	4.90E-07	1.21E-07	4.36E-04	1.5E-07	4.6E-07	2.6E-07	2.4E-07	1.1E-07	5.9E-09	3.7E-08	0.0E+00	0.0E+00	0.0E+00	4.2E-08
2017	UCART2	480809.83	3733052.05	480809.83,	0.04152	0.04514	0.05311	0.09821	0.1055	0.06385	1.23E-04	1.40E-04	1.65E-04	1.59E-06	4.90E-07	1.29E-07	4.30E-04	1.5E-07	4.5E-07	2.6E-07	2.4E-07	1.1E-07	5.8E-09	3.6E-08	0.0E+00	0.0E+00	0.0E+00	4.2E-08
2018	UCART2	480859.83	3733052.05	480859.83,	0.03943	0.04274	0.05631	0.09782	0.10552	0.06834	1.17E-04	1.32E-04	1.75E-04	1.58E-06	4.91E-07	1.38E-07	4.26E-04	1.5E-07	4.5E-07	2.6E-07	2.3E-07	1.1E-07	5.8E-09	3.6E-08	0.0E+00	0.0E+00	0.0E+00	4.2E-08
2019	UCART2	480909.83	3733052.05	480909.83,	0.03755	0.04058	0.0598	0.09741	0.10548	0.07331	1.12E-04	1.26E-04	1.86E-04	1.57E-06	4.90E-07	1.48E-07	4.25E-04	1.5E-07	4.4E-07	2.6E-07	2.3E-07	1.1E-07	5.8E-09	3.6E-08	0.0E+00	0.0E+00	0.0E+00	4.1E-08
2020	UCART2	480959.83	3733052.05	480959.83,	0.03582	0.03861	0.06368	0.09709	0.1055	0.07893	1.06E-04	1.20E-04	1.98E-04	1.57E-06	4.90E-07	1.59E-07	4.26E-04	1.5E-07	4.5E-07	2.6E-07	2.3E-07	1.1E-07	5.8E-09	3.6E-08	0.0E+00	0.0E+00	0.0E+00	4.1E-08
2021	UCART2	481009.83	3733052.05	481009.83,	0.03424	0.03683	0.06791	0.09671	0.10541	0.08514	1.02E-04	1.14E-04	2.11E-04	1.56E-06	4.90E-07	1.72E-07	4.29E-04	1.5E-07	4.5E-07	2.6E-07	2.4E-07	1.1E-07	5.8E-09	3.6E-08	0.0E+00	0.0E+00	0.0E+00	4.2E-08
2022	UCART2	481059.83	3733052.05	481059.83,	0.0328	0.0352	0.07252	0.0963	0.10525	0.09205	9.75E-05	1.09E-04	2.25E-04	1.56E-06	4.89E-07	1.86E-07	4.34E-04	1.5E-07	4.5E-07	2.6E-07	2.4E-07	1.1E-07	5.9E-09	3.6E-08	0.0E+00	0.0E+00	0.0E+00	4.2E-08
2023	UCART2	481109.83	3733052.05	481109.83,	0.03147	0.03371	0.07755	0.09585	0.10505	0.09973	9.35E-05	1.04E-04	2.41E-04	1.55E-06	4.88E-07	2.01E-07	4.41E-04	1.5E-07	4.6E-07	2.7E-07	2.4E-07	1.1E-07	6.0E-09	3.7E-08	0.0E+00	0.0E+00	0.0E+00	4.3E-08
2024	UCART2	481159.83	3733052.05	481159.83,	0.03025	0.03234	0.08303	0.09536	0.10472	0.10819	8.99E-05	1.00E-04	2.58E-04	1.54E-06	4.87E-07	2.18E-07	4.50E-04	1.6E-07	4.7E-07	2.7E-07	2.5E-07	1.1E-07	6.1E-09	3.8E-08	0.0E+00	0.0E+00	0.0E+00	4.4E-08
2025	UCART2	481209.83	3733052.05	481209.83,	0.02912	0.03108	0.08899	0.09483	0.10437	0.11756	8.65E-05	9.62E-05	2.76E-04	1.53E-06	4.85E-07	2.37E-07	4.61E-04	1.6E-07	4.8E-07	2.8E-07	2.5E-07	1.2E-07	6.3E-09	3.9E-08	0.0E+00	0.0E+00	0.0E+00	4.5E-08
2026	UCART2	481259.83	3733052.05	481259.83,	0.02807	0.02991	0.09544	0.09429	0.10397	0.1279	8.34E-05	9.26E-05	2.96E-04	1.52E-06	4.83E-07	2.58E-07	4.74E-04	1.6E-07	5.0E-07	2.9E-07	2.6E-07	1.2E-07	6.5E-09	4.0E-08	0.0E+00	0.0E+00	0.0E+00	4.6E-08
2027	UCART2	481309.83	3733052.05	481309.83,	0.02708	0.02881	0.10242	0.09376	0.10357	0.13921	8.05E-05	8.92E-05	3.18E-04	1.51E-06	4.81E-07	2.81E-07	4.90E-04	1.7E-07	5.1E-07	3.0E-07	2.7E-07	1.2E-07	6.7E-09	4.1E-08	0.0E+00	0.0E+00	0.0E+00	4.8E-08
2028	UCART2	481359.83	3733052.05	481359.83,	0.02616	0.0278	0.10989	0.09316	0.10307	0.15149	7.77E-05	8.61E-05	3.41E-04	1.50E-06	4.79E-07	3.05E-07	5.07E-04	1.8E-07	5.3E-07	3.1E-07	2.8E-07	1.3E-07	6.9E-09	4.2E-08	0.0E+00	0.0E+00	0.0E+00	4.9E-08
2029	UCART2	481409.83	3733052.05	481409.83,	0.02531	0.02685	0.11785	0.09248	0.10247	0.16473	7.52E-05	8.31E-05	3.66E-04	1.49E-06	4.76E-07	3.32E-07	5.26E-04	1.8E-07	5.5E-07	3.2E-07	2.9E-07	1.3E-07	7.2E-09	4.4E-08	0.0E+00	0.0E+00	0.0E+00	5.1E-08
2030	UCART2	481459.83	3733052.05	481459.83,	0.0245	0.02597	0.12626	0.09173	0.10177	0.17887	7.28E-05	8.04E-05	3.92E-04	1.48E-06	4.73E-07	3.61E-07	5.47E-04	1.9E-07	5.7E-07	3.3E-07	3.0E-07	1.4E-07	7.4E-09	4.6E-08	0.0E+00	0.0E+00	0.0E+00	5.3E-08
2031	UCART2	481509.83	3733052.05	481509.83,	0.02375	0.02514	0.13511	0.0909	0.10098	0.19383	7.06E-05	7.78E-05	4.19E-04	1.47E-06	4.69E-07	3.91E-07	5.70E-04	2.0E-07	6.0E-07	3.4E-07	3.1E-07	1.4E-07	7.8E-09	4.8E-08	0.0E+00	0.0E+00	0.0E+00	5.5E-08
2032	UCART2	481559.83	3733052.05	481559.83,	0.02305	0.02437	0.1444	0.08999	0.10007	0.20955	6.85E-05	7.55E-05	4.48E-04	1.45E-06	4.65E-07	4.22E-07	5.94E-04	2.1E-07	6.2E-07	3.6E-07	3.3E-07	1.5E-07	8.1E-09	5.0E-08	0.0E+00	0.0E+00	0.0E+00	5.8E-08
2033	UCART2	481609.83	3733052.05	481609.83,	0.02238	0.02364	0.15419	0.08901	0.09909	0.226	6.65E-05	7.32E-05	4.78E-04	1.44E-06	4.61E-07	4.56E-07	6.20E-04	2.1E-07	6.5E-07	3.8E-07	3.4E-07	1.6E-07	8.4E-09	5.2E-08	0.0E+00	0.0E+00	0.0E+00	6.0E-08
2034	UCART2	481659.83	3733052.05	481659.83,	0.02175	0.02295	0.16443	0.08793	0.09797	0.24821	6.46E-05	7.11E-05	5.10E-04	1.42E-06	4.55E-07	4.90E-07	6.48E-04	2.2E-07	6.8E-07	3.9E-07	3.6E-07	1.6E-07	8.8E-09	5.4E-08	0.0E+00	0.0E+00	0.0E+00	6.3E-08
2035	UCART2	479709.83	3733102.05	479709.83,	2.06339	0.72384	0.02161	2.68425	0.10691	0.02342	6.13E-03	2.24E-03	6.70E-05	4.34E-05	4.97E-07	4.72E-08	8.48E-03	2.9E-06	8.9E-06	5.1E-06	4.7E-06	2.1E-06	1.2E-07	7.1E-07	0.0E+00	0.0E+00	0.0E+00	8.3E-07
2036	UCART2	479759.83	3733102.05	479759.83,	1.02348	0.65204	0.02221	0.7776	0.11292	0.02412	3.04E-03	2.02E-03	6.89E-05	1.26E-05	5.25E-07	4.86E-08	5.14E-03	1.8E-06	5.4E-06	3.1E-06	2.8E-06	1.3E-06	7.0E-08	4.3E-07	0.0E+00	0.0E+00	0.0E+00	5.0E-07
2037	UCART2	479809.83	3733102.05	479809.83,	0.6224	0.55681	0.02283	0.41698	0.11648	0.02485	1.85E-03	1.72E-03	7.08E-05	6.74E-06	5.41E-07	5.01E-08	3.65E-03	1.3E-06	3.8E-06	2.2E-06	2.0E-06	9.1E-07	5.0E-08	3.1E-07	0.0E+00	0.0E+00	0.0E+00	3.6E-07
2038	UCART2	479859.83	3733102.05	479859.83,	0.42599	0.4613	0.0236	0.28246	0.11803	0.02574	1.27E-03	1.43E-03	7.32E-05	4.56E-06	5.49E-07	5.19E-08	2.77E-03	9.6E-07	2.9E-06	1.7E-06	1.5E-06	6.9E-07	3.8E-08	2.3E-07	0.0E+00	0.0E+00	0.0E+00	2.7E-07
2039	UCART2	479909.83	3733102.05	479909.83,	0.31432	0.37623	0.02444	0.21664	0.11787	0.02671	9.34E-04	1.16E-03	7.58E-05	3.50E-06	5.48E-07	5.38E-08	2.18E-03	7.5E-07	2.3E-06	1.3E-06	1.2E-06	5.5E-07	3.0E-08	1.8E-07	0.0E+00	0.0E+00	0.0E+00	2.1E-07
2040	UCART2	479959.83	3733102.05	479959.83,	0.24442	0.30608	0.02533	0.17965	0.11685	0.02775	7.26E-04	9.48E-04	7.86E-05	2.90E-06	5.43E-07	5.59E-08	1.76E-03	6.1E-07	1.8E-06	1.1E-06	9.6E-07	4.4E-07	2.4E-08	1.5E-07	0.0E+00	0.0E+00	0.0E+00	1.7E-07
2041	UCART2	480009.83	3733102.05	480009.83,	0.19751	0.25075	0.02625	0.15706	0.11563	0.02884	5.87E-04	7.76E-04	8.14E-05	2.54E-06	5.38E-07	5.81E-08	1.45E-03	5.0E-07	1.5E-06	8.8E-07	7.9E-07	3.6E-07	2.0E-08	1.2E-07	0.0E+00	0.0E+00	0.0E+00	1.4E-07
2042	UCART2	480059.83	3733102.05	480059.83,	0.16427	0.2085	0.02726	0.1427	0.11482	0.0301	4.88E-04	6.46E-04	8.46E-05	2.31E-06	5.34E-07	6.07E-08	1.22E-03	4.2E-07	1.3E-06	7.4E-07	6.7E-07	3.1E-07	1.7E-08	1.0E-07	0.0E+00	0.0E+00	0.0E+00	1.2E-07
2043	UCART2	480109.83	3733102.05	480109.83,	0.13974	0.17544	0.02827	0.13306	0.1142	0.03139	4.15E-04	5.43E-04	8.77E-05	2.15E-06	5.31E-07	6.33E-08	1.05E-03	3.6E-07	1.1E-06	6.3E-07	5.8E-07	2.6E-07	1.4E-08	8.8E-08	0.0E+00	0.0E+00	0.0E+00	1.0E-07
2044	UCART2	480159.83	3733102.05	480159.83,	0.12107	0.14959	0.02933	0.12631	0.11375	0.03267	3.60E-04	4.63E-04	9.10E-05	2.04E-06	5.29E-07

2120	UCART2	479959.83	3733202.05	479959.83,	0.21997	0.34192	0.02565	0.20429	0.14761	0.0281	6.54E-04	1.06E-03	7.96E-05	3.30E-06	6.86E-07	5.66E-08	1.80E-03	6.2E-07	1.9E-06	1.1E-06	9.9E-07	4.5E-07	2.4E-08	1.5E-07	0.0E+00	0.0E+00	0.0E+00	1.7E-07
2121	UCART2	480009.83	3733202.05	480009.83,	0.18203	0.27094	0.0266	0.18036	0.14415	0.02932	5.41E-04	8.39E-04	8.25E-05	2.91E-06	6.70E-07	5.91E-08	1.47E-03	5.1E-07	1.5E-06	8.9E-07	8.0E-07	3.7E-07	2.0E-08	1.2E-07	0.0E+00	0.0E+00	0.0E+00	1.4E-07
2122	UCART2	480059.83	3733202.05	480059.83,	0.15395	0.21936	0.02756	0.16509	0.14173	0.03047	4.57E-04	6.79E-04	8.55E-05	2.67E-06	6.59E-07	6.14E-08	1.23E-03	4.2E-07	1.3E-06	7.4E-07	6.7E-07	3.1E-07	1.7E-08	1.0E-07	0.0E+00	0.0E+00	0.0E+00	1.2E-07
2123	UCART2	480109.83	3733202.05	480109.83,	0.13258	0.18179	0.02856	0.15492	0.14012	0.03167	3.94E-04	5.63E-04	8.86E-05	2.50E-06	6.51E-07	6.38E-08	1.05E-03	3.6E-07	1.1E-06	6.3E-07	5.8E-07	2.6E-07	1.4E-08	8.8E-08	0.0E+00	0.0E+00	0.0E+00	1.0E-07
2124	UCART2	480159.83	3733202.05	480159.83,	0.1159	0.15383	0.02969	0.14804	0.13927	0.03305	3.44E-04	4.76E-04	9.21E-05	2.39E-06	6.47E-07	6.66E-08	9.16E-04	3.2E-07	9.6E-07	5.5E-07	5.0E-07	2.3E-07	1.2E-08	7.7E-08	0.0E+00	0.0E+00	0.0E+00	8.9E-08
2125	UCART2	480209.83	3733202.05	480209.83,	0.10261	0.13251	0.03084	0.1433	0.13896	0.03458	3.05E-04	4.10E-04	9.57E-05	2.31E-06	6.46E-07	6.97E-08	8.14E-04	2.8E-07	8.5E-07	4.9E-07	4.5E-07	2.0E-07	1.1E-08	6.8E-08	0.0E+00	0.0E+00	0.0E+00	7.9E-08
2126	UCART2	480259.83	3733202.05	480259.83,	0.09185	0.11587	0.03207	0.13982	0.13882	0.03608	2.73E-04	3.59E-04	9.95E-05	2.26E-06	6.45E-07	7.27E-08	7.34E-04	2.5E-07	7.7E-07	4.4E-07	4.0E-07	1.8E-07	1.0E-08	6.1E-08	0.0E+00	0.0E+00	0.0E+00	7.1E-08
2127	UCART2	480309.83	3733202.05	480309.83,	0.08298	0.10263	0.03338	0.13721	0.13878	0.0377	2.47E-04	3.18E-04	1.04E-04	2.22E-06	6.45E-07	7.60E-08	6.71E-04	2.3E-07	7.0E-07	4.1E-07	3.7E-07	1.7E-07	9.1E-09	5.6E-08	0.0E+00	0.0E+00	0.0E+00	6.5E-08
2128	UCART2	480359.83	3733202.05	480359.83,	0.07556	0.09188	0.03481	0.13537	0.13903	0.03949	2.24E-04	2.84E-04	1.08E-04	2.19E-06	6.46E-07	7.96E-08	6.20E-04	2.1E-07	6.5E-07	3.8E-07	3.4E-07	1.6E-07	8.4E-09	5.2E-08	0.0E+00	0.0E+00	0.0E+00	6.0E-08
2129	UCART2	480409.83	3733202.05	480409.83,	0.06927	0.08303	0.03637	0.13399	0.13933	0.04146	2.06E-04	2.57E-04	1.13E-04	2.16E-06	6.48E-07	8.36E-08	5.79E-04	2.0E-07	6.0E-07	3.5E-07	3.2E-07	1.4E-07	7.9E-09	4.8E-08	0.0E+00	0.0E+00	0.0E+00	5.6E-08
2130	UCART2	480459.83	3733202.05	480459.83,	0.06392	0.07565	0.03804	0.13275	0.13945	0.04358	1.90E-04	2.34E-04	1.18E-04	2.14E-06	6.48E-07	8.79E-08	5.45E-04	1.9E-07	5.7E-07	3.3E-07	3.0E-07	1.4E-07	7.4E-09	4.6E-08	0.0E+00	0.0E+00	0.0E+00	5.3E-08
2131	UCART2	480509.83	3733202.05	480509.83,	0.0593	0.0694	0.03988	0.13176	0.13961	0.04593	1.76E-04	2.15E-04	1.24E-04	2.13E-06	6.49E-07	9.26E-08	5.18E-04	1.8E-07	5.4E-07	3.1E-07	2.8E-07	1.3E-07	7.0E-09	4.3E-08	0.0E+00	0.0E+00	0.0E+00	5.0E-08
2132	UCART2	480559.83	3733202.05	480559.83,	0.05525	0.06405	0.04194	0.13116	0.14001	0.04859	1.64E-04	1.98E-04	1.30E-04	2.12E-06	6.51E-07	9.79E-08	4.95E-04	1.7E-07	5.2E-07	3.0E-07	2.7E-07	1.2E-07	6.7E-09	4.2E-08	0.0E+00	0.0E+00	0.0E+00	4.8E-08
2133	UCART2	480609.83	3733202.05	480609.83,	0.05168	0.05941	0.04424	0.13081	0.14055	0.05158	1.54E-04	1.84E-04	1.37E-04	2.11E-06	6.53E-07	1.04E-07	4.78E-04	1.7E-07	5.0E-07	2.9E-07	2.6E-07	1.2E-07	6.5E-09	4.0E-08	0.0E+00	0.0E+00	0.0E+00	4.7E-08
2134	UCART2	480659.83	3733202.05	480659.83,	0.04855	0.05539	0.04674	0.13034	0.14082	0.05488	1.44E-04	1.72E-04	1.45E-04	2.11E-06	6.55E-07	1.11E-07	4.64E-04	1.6E-07	4.8E-07	2.8E-07	2.5E-07	1.2E-07	6.3E-09	3.9E-08	0.0E+00	0.0E+00	0.0E+00	4.5E-08
2135	UCART2	480709.83	3733202.05	480709.83,	0.04576	0.05185	0.04953	0.12996	0.14109	0.0586	1.36E-04	1.61E-04	1.54E-04	2.10E-06	6.56E-07	1.18E-07	4.53E-04	1.6E-07	4.7E-07	2.7E-07	2.5E-07	1.1E-07	6.2E-09	3.8E-08	0.0E+00	0.0E+00	0.0E+00	4.4E-08
2136	UCART2	480759.83	3733202.05	480759.83,	0.04325	0.04872	0.05266	0.1297	0.14141	0.06285	1.28E-04	1.51E-04	1.63E-04	2.10E-06	6.57E-07	1.27E-07	4.46E-04	1.5E-07	4.7E-07	2.7E-07	2.4E-07	1.1E-07	6.1E-09	3.7E-08	0.0E+00	0.0E+00	0.0E+00	4.3E-08
2137	UCART2	480809.83	3733202.05	480809.83,	0.04101	0.04594	0.05612	0.1293	0.14151	0.06759	1.22E-04	1.42E-04	1.74E-04	2.09E-06	6.58E-07	1.36E-07	4.41E-04	1.5E-07	4.6E-07	2.7E-07	2.4E-07	1.1E-07	6.0E-09	3.7E-08	0.0E+00	0.0E+00	0.0E+00	4.3E-08
2138	UCART2	480859.83	3733202.05	480859.83,	0.03899	0.04345	0.06001	0.12894	0.14158	0.07299	1.16E-04	1.35E-04	1.86E-04	2.08E-06	6.58E-07	1.47E-07	4.39E-04	1.5E-07	4.6E-07	2.7E-07	2.4E-07	1.1E-07	6.0E-09	3.7E-08	0.0E+00	0.0E+00	0.0E+00	4.3E-08
2139	UCART2	480909.83	3733202.05	480909.83,	0.03715	0.04122	0.0644	0.12855	0.14158	0.07916	1.10E-04	1.28E-04	2.00E-04	2.08E-06	6.58E-07	1.60E-07	4.41E-04	1.5E-07	4.6E-07	2.7E-07	2.4E-07	1.1E-07	6.0E-09	3.7E-08	0.0E+00	0.0E+00	0.0E+00	4.3E-08
2140	UCART2	480959.83	3733202.05	480959.83,	0.03547	0.03919	0.06937	0.1282	0.14158	0.08627	1.05E-04	1.21E-04	2.15E-04	2.07E-06	6.58E-07	1.74E-07	4.45E-04	1.5E-07	4.6E-07	2.7E-07	2.4E-07	1.1E-07	6.0E-09	3.7E-08	0.0E+00	0.0E+00	0.0E+00	4.3E-08
2141	UCART2	481009.83	3733202.05	481009.83,	0.03394	0.03735	0.07502	0.12779	0.14148	0.09451	1.01E-04	1.16E-04	2.33E-04	2.06E-06	6.58E-07	1.91E-07	4.52E-04	1.6E-07	4.7E-07	2.7E-07	2.5E-07	1.1E-07	6.1E-09	3.8E-08	0.0E+00	0.0E+00	0.0E+00	4.4E-08
2142	UCART2	481059.83	3733202.05	481059.83,	0.03252	0.03567	0.08145	0.12739	0.14136	0.10409	9.66E-05	1.10E-04	2.53E-04	2.06E-06	6.57E-07	2.10E-07	4.63E-04	1.6E-07	4.8E-07	2.8E-07	2.5E-07	1.2E-07	6.3E-09	3.9E-08	0.0E+00	0.0E+00	0.0E+00	4.5E-08
2143	UCART2	481109.83	3733202.05	481109.83,	0.03123	0.03414	0.08878	0.12693	0.14114	0.11528	9.28E-05	1.06E-04	2.75E-04	2.05E-06	6.56E-07	2.32E-07	4.77E-04	1.7E-07	5.0E-07	2.9E-07	2.6E-07	1.2E-07	6.5E-09	4.0E-08	0.0E+00	0.0E+00	0.0E+00	4.6E-08
2144	UCART2	481159.83	3733202.05	481159.83,	0.03003	0.03273	0.09715	0.12643	0.14085	0.12838	8.92E-05	1.01E-04	3.01E-04	2.04E-06	6.55E-07	2.59E-07	4.95E-04	1.7E-07	5.2E-07	3.0E-07	2.7E-07	1.2E-07	6.7E-09	4.1E-08	0.0E+00	0.0E+00	0.0E+00	4.8E-08
2145	UCART2	481209.83	3733202.05	481209.83,	0.02891	0.03143	0.10669	0.12595	0.14055	0.14375	8.59E-05	9.73E-05	3.31E-04	2.03E-06	6.53E-07	2.90E-07	5.17E-04	1.8E-07	5.4E-07	3.1E-07	2.8E-07	1.3E-07	7.0E-09	4.3E-08	0.0E+00	0.0E+00	0.0E+00	5.0E-08
2146	UCART2	481259.83	3733202.05	481259.83,	0.02788	0.03022	0.11756	0.1254	0.14017	0.16178	8.28E-05	9.36E-05	3.65E-04	2.03E-06	6.52E-07	3.26E-07	5.44E-04	1.9E-07	5.7E-07	3.3E-07	3.0E-07	1.4E-07	7.4E-09	4.6E-08	0.0E+00	0.0E+00	0.0E+00	5.3E-08
2147	UCART2	481309.83	3733202.05	481309.83,	0.02691	0.0291	0.12988	0.12483	0.13973	0.18288	8.00E-05	9.01E-05	4.03E-04	2.02E-06	6.50E-07	3.69E-07	5.76E-04	2.0E-07	6.0E-07	3.5E-07	3.2E-07	1.4E-07	7.8E-09	4.8E-08	0.0E+00	0.0E+00	0.0E+00	5.6E-08
2148	UCART2	481359.83	3733202.05	481359.83,	0.02601	0.02807	0.14377	0.12416	0.13917	0.20746	7.73E-05	8.69E-05	4.46E-04	2.01E-06	6.47E-07	4.18E-07	6.13E-04	2.1E-07	6.4E-07	3.7E-07	3.4E-07	1.5E-07	8.3E-09	5.1E-08	0.0E+00	0.0E+00	0.0E+00	6.0E-08
2149	UCART2	481409.83	3733202.05	481409.83,	0.02517	0.0271	0.15929	0.12337	0.13847	0.23585	7.48E-05	8.39E-05	4.94E-04	1.99E-06	6.44E-07	4.75E-07	6.56E-04	2.3E-07	6.9E-07	4.0E-07	3.6E-07	1.6E-07	8.9E-09	5.5E-08	0.0E+00	0.0E+00	0.0E+00	6.4E-08
2150	UCART2	481459.83	3733202.05	481459.83,	0.02438	0.0262	0.17646	0.12251	0.13768	0.26828	7.24E-05	8.11E-05	5.47E-04	1.98E-06	6.40E-07	5.41E-07	7.04E-04	2.4E-07	7.4E-07	4.3E-07	3.9E-07	1.8E-07	9.6E-09	5.9E-08	0.0E+00	0.0E+00	0.0E+00	6.9E-08
2151	UCART2	481509.83	3733202.05	481509.83,	0.02364	0.02536	0.19526	0.1216	0.13681	0.30484	7.02E-05	7.85E-05	6.06E-04	1.96E-06	6.36E-07	6.15E-07	7.58E-04	2.6E-07	7.9E-07	4.6E-07	4.2E-07	1.9E-07	1.0E-08	6.3E-08	0.0E+00	0.0E+00	0.0E+00	7.4E-08
2152	UCART2	481559.83	3733202.05	481559.83,	0.02294	0.02456	0.21564	0.1206	0.13582	0.34537	6.82E-05	7.60E-05	6.69E-04	1.95E-06	6.31E-07	6.96E-07	8.17E-04	2.8E-07	8.5E-07	4.9E-07	4.5E-07	2.0E-07	1.1E-08	6.8E-08	0.0E+00	0.0E+00	0.0E+00	8.0E-08
2153	UCART2	481609.83	3733202.05	481609.83,	0.02228	0.02382	0.23763	0.11949	0.13469	0.38965	6.62E-05	7.38E-05	7.37E-04	1.93E-06	6.26E-07	7.85E-07	8.81E-04	3.0E-07	9.2E-07	5.3E-07	4.8E-07	2.2E-07	1.2E-08	7.4E-08	0.0E+00	0.0E+00	0.0E+00	8.6E-08
2154	UCART2	481659.83	3733202.05	481659.83,	0.02166	0.02312	0.26105	0.11822	0.13338	0.43739	6.44E-05	7.16E-05	8.10E-04	1.91E-06	6.20E-07	8.82E-07	9.49E-04	3.3E-07	9.9E-07	5.7E-07	5.2E-07	2.4E-07	1.3E-08	8.0E-08	0.0E+00	0.0E+00	0.0E+00	9.2E-08
2155	UCART2	479709.83	3733252.05	479709.83,	0.65526	1.86447	0.02203	2.65693	0.20934	0.02384	1.95E-03	5.77E-03	6.84E-05	4.29E-05	9.73E-07	4.81E-08	7.83E-03	2.7E-06	8.2E-06	4.7E-06	4.3E-06	2.0E-06	1.1E-07	6.6E-07	0.0E+00	0.0E+00	0.0E+00	7.6E-07
2156	UCART2	479759.83	3733252.05	479759.83,	0.50651	1.35353	0.02268	0.845	0.21435	0.02459	1.50E-03	4.19E-03	7.04E-05	1.37E-05	9.96E-07	4.96E-08	5.78E-03	2.0E-06	6.0E-06	3.5E-06	3.2E-06	1.4E-06	7.9E-08	4.8E-07	0.0E+00	0.0E+00	0.0E+00	5.6E-07
2157	UCART2	479809.83	3733252.05	479809.83,	0.39288	0.93419	0.02335	0.47677	0.20313	0.02538	1.17E-03	2.89E-03	7.24E-05	7.70E-06	9.44E-07	5.12E-08	4.14E-03	1.4E-06	4.3E-06	2.5E-06	2.3E-06	1.0E-06	5.6E-08	3.5E-07	0.0E+00	0.0E+00	0.0E+00	4.0E-07
2158	UCART2	479859.83	3733252.05	479859.83,	0.30969	0.64764	0.02403	0.33019	0.18747	0.02618	9.20E-04	2.01E-03	7.46E-05	5.33E-06	8.71E-07	5.28E-08	3.01E-03	1.0E-06	3.1E-06	1.8E-06	1.6E-06	7.5E-07	4.1E-08	2.5E-07	0.0E+00	0.0E+00	0.0E+00	2.9E-07
2159	UCART2	479909.83	3733252.05	479909.83,	0.24934	0.46851	0.02485	0.25802	0.17533	0.02714	7.41E-04	1.45E-03	7.71E-05	4.17E-06	8.15E-07	5.47E-08	2.27E-03	7.9E-07	2.4E-06	1.4E-06	1.2E-06	5.7E-07	3.1E-08	1.9E-07	0.0E+00	0.0E+00	0.0E+00	2.2E-07
2160	UCART2	479959.83	3733252.05	479959.83,	0.20515	0.35459	0.02577	0.21814	0.16748	0.02827	6.10E-04	1.10E-03	8.00E-05	3.52E-06	7.79E-07	5.70E-08	1.79E-03	6.2E-07	1.9E-06	1.1E-06	9.8E-07	4.5E-07	2.4E-08	1.5E-07	0.0E+00	0.0E+00	0.0E+00	1.7E-07
2161	UCART2	480009.83	3733252.05	480009.83,	0.17224	0.27702	0.0267	0.19424	0.16243	0.02942	5.12E-04	8.58E-04	8.28E-05	3.14E-06	7.55E-07	5.93E-08	1.46E-03	5.0E-07	1.5E-06	8.8E-07	8.0E-07	3.6E-07	2.0E-08	1.2E-07	0.0E+00	0.0E+00	0.0E+00	1.4E-07
2162	UCART2	480059.83	3733252.05	480059.83,	0.1472	0.22282	0.02767	0.17912	0.15931	0.03057	4.37E-04	6.90E-04	8.59E-05	2.89E-06	7.41E-07	6.16E-08	1.22E-03	4.2E-07	1.3E-06	7.4E-07	6.7E-07	3.0E-07	1.7E-08	1.0E-07	0.0E+00	0.0E+00	0.0E+00	1.2E-07
2163	UCART2	480109.83	3733252.05	480109.83,	0.12777	0.18408	0.02871	0.16916	0.15744	0.03184	3.80E-04	5.70E-04	8.91E-05	2.73E-06	7.32E-07	6.42E-08	1.04E-03	3.6E-07	1.1E-06	6.3E-07	5.7E-07	2.6E-07	1.4E-08	8.7E-08	0.0E+00	0.0E+00	0.0E+00	1.0E-07
2164	UCART2	480159.83	3733252.05	480159.83,	0.11237	0.1555	0.02981	0.16248	0.15652	0.0333	3.34E-04	4.81E-04	9.25E-05	2.62E-06	7.28E-07	6.71E-08	9.11E-04	3.2E-07	9.5E-07	5.5E-07	5.0E-07	2.3E-07	1.2E-08	7.6E-08	0.0E+00	0.0E+00	0.0E+00	8.9E-08
2165	UCART2	480209.83	3733252.05	480209.83,	0.09996	0.13381	0.03098	0.15729	0.15621	0.0347	2.97E-04	4.34E-04	9.61E-05	2.55E-06	7.26E-07	6.99E-08	8.11E-04	2.8E-07	8.5E-07	4.9E-07	4.4E-07	2.0E-07	1.1E-08	6.8E-08	0.0E+00	0.0E+00	0.0E+00	7.9E-08
2166	UCART2	480259.83	3733252.05	480259.83,	0.0898	0.11692	0.03221	0.15463	0.15621	0.03623	2.67E-04	3.62E-04	9.99E-05	2.50E-06	7.26E-07	7.30E-08	7.32E-04	2.5E-07	7.7E-07	4.4E-07	4.0E-07	1.8E-07	1.0E-08	6.1E-08	0.0E+00	0.0E+00	0.0E+00	7.1E-08
2167	UCART2	480309.83	3733252.05	480309.83,	0.08137	0.10349	0.03354	0.15213	0.15621	0.03787	2.42E-04	3.20E-04	1.04E-04	2.46E-06	7.26E-07	7.63E-08	6.70E-04	2.3E-07	7.0E-07	4.1E-07	3.7E-07	1.7E-07	9.1E-09	5.6E-08	0.0E+00	0.0E+00	0.0E+00	6.5E-08
2168	UCART2	480359.83	3733252.05	480359.83,	0.07428	0.0926	0.03498	0.15027	0.15638	0.03967	2.21E-04	2.87E-04	1.09E-04	2.43E-06	7.27E-07	8.00E-08	6.19E-04	2.1E-07	6.5E-07	3.7E-07	3.4E-07	1.5E-07	8.4E-09	5.2E-08	0.0E+00	0.0E+00	0.0E+00	6.0E-08
2169	UCART2	480409.83	3733252.05	480409.83,	0.06824	0.08363	0.03656	0.14893	0.15671	0.04166	2.03E-04	2.59E-04	1.13E-04	2.41E-06	7.28E-07	8.40E-08	5.78E-04	2.0E-07	6.0E-07	3.5E-07	3.2E-07	1.4E-07	7.9E-09	4.8E-08	0.0E+00	0.0E+00	0.0E+00	5.6E-08
2170	UCART2	480459.83	3733252.05	480459.83,	0.06307	0.07615	0.03827	0.14781	0.15695	0.04383	1.87E-04	2.36E-04	1.19E-04	2.39E-06	7.30E-07	8.84E-08	5.45E-04	1.9E-07	5.7E-07	3.3E-07	3.0E-07	1.4E-07	7.4E-09	4.6E-08	0.0E+00	0.0E+00	0.0E+00	5.3E-08
2171	UCART2	480509.83	3733252.05	480509.83,	0.05858	0.06982	0.04016	0.14695	0.15725	0.04624	1.74E-04	2.16E-04	1.25E-04	2.37E-06	7.31E-07	9.32E-08	5.18E-04	1.8E-07	5.4E-07	3.1E-07	2.8E-07	1.3E-07	7.0E-09	4.3E-08	0.0E+00	0.0E+00	0.0E+00	5.0E-08
2172	UCART2	480559.83	3733252.05	480559.83,	0.05466	0.06441	0.04224	0.14629	0.15758	0.04891	1.62E-04	1.99E-04	1.31E-04	2.36E-06	7.33E-07	9.86E-08	4.96E-04	1.7E-07	5.2E-07	3.0E-07	2.7E-07	1.2E-07	6.7E-09	4.2E-08	0.0E+00	0.0E+00	0.0E+00	4.8E-08
2173	UCART2	480609.83	3733252.05	480609.83,	0.05119	0.05973	0.04457	0.14596	0.15814	0.05196	1.52E-04	1.85E-04	1.38E-04	2.36E-06	7.35E-07	1.05E-07	4.79E-04	1.7E-07	5.0E-07	2.9E-07	2.6E-07	1.2E-07	6.5E-09	4.0E-08	0.0E+00	0.0E+00	0.0E+00	4.7E-08
2174	UCART2	480659.83	3733252.05	480659.83,	0.04812	0.05565	0.04715	0.14563	0.15857	0.05536	1.43E-04	1.72E-04	1.46E-04	2.35E-06	7.37E-07	1.12E-07	4.65E-04	1.6E-07	4.9E-07	2.8E-07	2.5E-07	1.2E-07	6.3E-09	3.9E-08	0.0E+00	0.0E+00	0.0E+00	4.5E-08
2175	UCART2	480709.83	3733252.05	480709.83,	0.04539	0.05208	0.05003	0.1453	0.1589	0.0592	1.35E-04	1.61E-04	1.55E-04	2.35E-06	7.39E-07	1.19E-07	4.55E-04	1.6E-07	4.8E-07	2.8E-07	2.5E-07	1.1E-07	6.2E-09	3.8E-08	0.0E+00	0.0E+00	0.0E+00	4.4E-08
2176	UCART2	480759.83	3733252.05	480759.83,	0.04294	0.04893	0.05322	0.14501	0.15921	0.06351	1.28E-04	1.51E-04	1.65E-04	2.34E-06	7.40E-07	1.28E-07	4.47E-04	1.5E-07	4.7E-07	2.7E-07	2.5E-07	1.1E-07	6.1E-09	3.7E-08	0.0E+00	0.0E+00	0.0E+00	4.4E-08
2177	UCART2	480809.83	3733252.05	480809.83,	0.04074	0.04612	0.05681	0.14457	0.15926	0.06838	1.21E-04	1.43E-04	1.76E-04	2.34E-06	7.40E-07	1.38E-07	4.43E-04	1.5E-07	4.6E-07	2.7E-07	2.4E-07	1.1E-07	6.0E-09	3.7E-08	0.0E+00	0.0E+00	0.0E+00	4.3E-08
2178	UCART2	480859.83	3733252.05	480859.83,	0.03875	0.04361	0.06088	0.14421	0.15934	0.07397	1.15E-04	1.35E-04	1.89E-04	2.33E-06	7.41E-07	1.49E-07	4.42E-04	1.5E-07	4.6E-07	2.7E-07	2.4E-07	1.1E-07	6.0E-09	3.7E-08	0.0E+00	0.0E+00	0.0E+00	4.3E-08
2179	UCART2	480909.83	3733252.05	480909.83,	0.03694	0.04135	0.06551	0.14382	0.15935	0.08044	1.10E-04	1.28E-04	2.03E-04	2.32E-06	7.41E-07	1.62E-07	4.44E-04	1.5E-07	4.6E-07	2.7E-07	2.4E-07	1.1E-07	6.0E-09	3.7E-08	0.0E+00	0.0E+00	0.0E+00	4.3E-08
2180	UCART2	480959.83	3733252.05	480959.83,	0.03529	0.03931	0.07081	0.1435	0.15939	0.08796	1.05E-04	1.22E-04	2.20E-04	2.32E-06	7.41E-07	1.77E-07	4.50E-04	1.6E-07	4.7E-07	2.7E-07	2.5E-07	1.1E-07	6.1E-09	3.8E-08	0.0E+00	0.0E+00	0.0E+00	4.4E-08
2181	UCART2	481009.83	3733252.05	481009.83,	0.03377	0.03746	0.07691	0.14309	0.1593	0.09677	1.00E-04	1.16E-04	2.39E-04	2.31E-06	7.41E-07	1.95E-07	4.58E-04	1.6E-07	4.8E-07	2.8E-07	2.5E-07	1.1E-07	6.2E-09	3.8E-08	0.0E+00	0.0E+00	0.0E+00	4.5E-08
2182	UCART2	481059.83	3733252.05	481059.83,	0.03238	0.03577	0.08395	0.1427	0.15919	0.10716	9.62E-05	1.11E-04	2.60E-04	2.31E-06	7.40E-07	2.16E-07	4.71E-04	1.6E-07	4.9E-07	2.8E-07	2.6E-07	1.2E-07	6.4E-09	3.9E-08	0.0E+00	0.0E+00	0.0E+00	4.6E-08
2183	UCART2	481109.83	3733252.05	481109.83,	0.0311	0.03422	0.09212	0.14226	0.159	0.1195	9.24E-05	1.06E-04	2.86E-04	2.30E-06	7.39E-07	2.41E-07	4.87E-04	1.7E-07	5.1E-07	2.9E-07	2.7E-07	1.2E-07	6.6E-09	4.1E-08	0.0E+00	0.0E+00	0.0E+00	4.7E-08
2184	UCART2	481159.83	3733252.05	481159.83,	0.02991	0.0328	0.10162	0.14177	0.15874	0.13422	8.89E-05	1.02E-04	3.15E-04	2.29E-06	7.38E-07	2.71E-07	5.09E-04	1.8E-07	5.3E-07	3.1E-07	2.8E-07	1.3E-07	6.9E-09	4.3E-08	0.0E+00	0.0E+00	0.0E+00	5.0E-08
2185	UCART2	481209.83	3733252.05	481209.83,	0.02881	0.03149	0.11268	0.14129	0.15845	0.15188	8.56E-05	9.75E-05	3.50E-04	2.28E-06	7.37E-07	3.06E-07	5.36E-04	1.9E-07	5.6E-07	3.2E-07	2.9E-07	1.3E-07	7.3E-09	4.5E-08	0.0E+00	0.0E+00	0.0E+00	5.2E-08
2186	UCART2	481259.83	3733252.05	481259.83,	0.02778	0.03028	0.12558	0.14074	0.15807	0.17314	8.25E-05	9.38E-05	3.90E-04	2.27E-06	7.35

2262	UCART2	481059.83	3733352.05	481059.83	0.03201	0.03586	0.08774	0.18785	0.21197	0.1114	9.51E-05	1.11E-04	2.72E-04	3.03E-06	9.85E-07	2.25E-07	4.83E-04	1.7E-07	5.0E-07	2.9E-07	2.6E-07	1.2E-07	6.6E-09	4.0E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	4.7E-08
2263	UCART2	481109.83	3733352.05	481109.83	0.03076	0.0343	0.09738	0.1875	0.21191	0.12552	9.14E-05	1.06E-04	3.02E-04	3.03E-06	9.85E-07	2.53E-07	5.04E-04	1.7E-07	5.3E-07	3.0E-07	2.8E-07	1.3E-07	6.9E-09	4.2E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	4.9E-08
2264	UCART2	481159.83	3733352.05	481159.83	0.02961	0.03287	0.10902	0.18708	0.21175	0.14294	8.80E-05	1.02E-04	3.38E-04	3.02E-06	9.84E-07	2.88E-07	5.32E-04	1.8E-07	5.6E-07	3.2E-07	2.9E-07	1.3E-07	7.2E-09	4.5E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	5.2E-08
2265	UCART2	481209.83	3733352.05	481209.83	0.02853	0.03155	0.12321	0.1866	0.21151	0.1647	8.48E-05	9.77E-05	3.82E-04	3.01E-06	9.83E-07	3.32E-07	5.69E-04	2.0E-07	5.9E-07	3.4E-07	3.1E-07	1.4E-07	7.7E-09	4.8E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	5.5E-08
2266	UCART2	481259.83	3733352.05	481259.83	0.02754	0.03034	0.14066	0.18606	0.21119	0.19224	8.18E-05	9.39E-05	4.36E-04	3.01E-06	9.82E-07	3.88E-07	6.17E-04	2.1E-07	6.4E-07	3.7E-07	3.4E-07	1.5E-07	8.4E-09	5.2E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	6.0E-08
2267	UCART2	481309.83	3733352.05	481309.83	0.0266	0.02921	0.16228	0.18554	0.21083	0.22756	7.90E-05	9.04E-05	5.04E-04	3.00E-06	9.80E-07	4.59E-07	6.77E-04	2.3E-07	7.1E-07	4.1E-07	3.7E-07	1.7E-07	9.2E-09	5.7E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	6.6E-08
2268	UCART2	481359.83	3733352.05	481359.83	0.02573	0.02816	0.18922	0.18488	0.21034	0.27338	7.64E-05	8.72E-05	5.87E-04	2.99E-06	9.78E-07	5.51E-07	7.55E-04	2.6E-07	7.9E-07	4.6E-07	4.1E-07	1.9E-07	1.0E-08	6.3E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	7.4E-08
2269	UCART2	481409.83	3733352.05	481409.83	0.02491	0.02719	0.22286	0.18414	0.20974	0.33342	7.40E-05	8.42E-05	6.91E-04	2.97E-06	9.75E-07	6.72E-07	8.54E-04	3.0E-07	8.9E-07	5.2E-07	4.7E-07	2.1E-07	1.2E-08	7.2E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	8.3E-08
2270	UCART2	481459.83	3733352.05	481459.83	0.02414	0.02627	0.26471	0.18331	0.20904	0.41256	7.17E-05	8.13E-05	8.21E-04	2.96E-06	9.72E-07	8.32E-07	9.79E-04	3.4E-07	1.0E-06	5.9E-07	5.4E-07	2.5E-07	1.3E-08	8.2E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	9.5E-08
2271	UCART2	481509.83	3733352.05	481509.83	0.02341	0.02542	0.31613	0.18238	0.20821	0.51679	6.96E-05	7.87E-05	9.81E-04	2.95E-06	9.68E-07	1.04E-06	1.13E-03	3.9E-07	1.2E-06	6.9E-07	6.2E-07	2.8E-07	1.5E-08	9.5E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.1E-07
2272	UCART2	481559.83	3733352.05	481559.83	0.02273	0.02462	0.3778	0.18132	0.20723	0.65247	6.75E-05	7.62E-05	1.17E-03	2.93E-06	9.63E-07	1.32E-06	1.32E-03	4.6E-07	1.4E-06	8.0E-07	7.2E-07	3.3E-07	1.8E-08	1.1E-07	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.3E-07
2273	UCART2	481609.83	3733352.05	481609.83	0.02209	0.02387	0.44942	0.18009	0.20605	0.82458	6.56E-05	7.39E-05	1.39E-03	2.91E-06	9.58E-07	1.66E-06	1.54E-03	5.3E-07	1.6E-06	9.3E-07	8.4E-07	3.9E-07	2.1E-08	1.3E-07	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.5E-07
2274	UCART2	481659.83	3733352.05	481659.83	0.02148	0.02317	0.52906	0.17864	0.20459	1.03463	6.38E-05	7.17E-05	1.64E-03	2.89E-06	9.51E-07	2.09E-06	1.78E-03	6.2E-07	1.9E-06	1.1E-06	9.8E-07	4.5E-07	2.4E-08	1.5E-07	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.7E-07
2275	UCART2	479709.83	3733402.05	479709.83	0.34102	6.62615	0.02234	2.5771	1.65009	0.02422	1.01E-03	2.05E-02	6.93E-05	4.16E-05	7.67E-06	4.88E-08	2.16E-02	7.5E-06	2.3E-05	1.3E-05	1.2E-05	5.4E-06	2.9E-07	1.8E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.1E-06
2276	UCART2	479759.83	3733402.05	479759.83	0.29325	2.38442	0.02301	0.87372	0.61684	0.02501	8.71E-04	7.38E-03	7.14E-05	1.41E-05	2.87E-06	5.04E-08	8.34E-03	2.9E-06	8.7E-06	5.0E-06	4.6E-06	2.1E-06	1.1E-07	7.0E-07	0.0E+00	0.0E+00	0.0E+00	0.0E+00	8.1E-07
2277	UCART2	479809.83	3733402.05	479809.83	0.25147	1.21963	0.0237	0.52198	0.39782	0.02581	7.47E-04	3.78E-03	7.35E-05	8.43E-06	1.85E-06	5.20E-08	4.61E-03	1.6E-06	4.8E-06	2.8E-06	2.5E-06	1.2E-06	6.3E-08	3.9E-07	0.0E+00	0.0E+00	0.0E+00	0.0E+00	4.5E-07
2278	UCART2	479859.83	3733402.05	479859.83	0.21595	0.7442	0.0244	0.38487	0.31546	0.02664	6.42E-04	2.30E-03	7.57E-05	6.22E-06	1.47E-06	5.37E-08	3.03E-03	1.0E-06	3.2E-06	1.8E-06	1.7E-06	7.6E-07	4.1E-08	2.5E-07	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.9E-07
2279	UCART2	479909.83	3733402.05	479909.83	0.1862	0.50612	0.02521	0.31967	0.27968	0.02758	5.53E-04	1.57E-03	7.82E-05	5.16E-06	1.30E-06	5.56E-08	2.21E-03	7.6E-07	2.3E-06	1.3E-06	1.2E-06	5.5E-07	3.0E-08	1.8E-07	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.1E-07
2280	UCART2	479959.83	3733402.05	479959.83	0.16162	0.36982	0.0261	0.28462	0.26262	0.02864	4.80E-04	1.15E-03	8.10E-05	4.60E-06	1.22E-06	5.77E-08	1.71E-03	5.9E-07	1.8E-06	1.0E-06	9.4E-07	4.3E-07	2.3E-08	1.4E-07	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.7E-07
2281	UCART2	480009.83	3733402.05	480009.83	0.14143	0.28446	0.02702	0.26404	0.25392	0.02985	4.20E-04	8.81E-04	8.38E-05	4.27E-06	1.18E-06	6.02E-08	1.39E-03	4.8E-07	1.5E-06	8.4E-07	7.6E-07	3.5E-07	1.9E-08	1.2E-07	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.4E-07
2282	UCART2	480059.83	3733402.05	480059.83	0.12482	0.22736	0.02799	0.25157	0.24982	0.03099	3.71E-04	7.04E-04	8.68E-05	4.06E-06	1.16E-06	6.25E-08	1.17E-03	4.0E-07	1.2E-06	7.1E-07	6.4E-07	2.9E-07	1.6E-08	9.8E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.1E-07
2283	UCART2	480109.83	3733402.05	480109.83	0.1113	0.18718	0.02803	0.24375	0.24806	0.03222	3.30E-04	5.80E-04	9.00E-05	3.94E-06	1.15E-06	6.50E-08	1.00E-03	3.5E-07	1.1E-06	6.1E-07	5.5E-07	2.5E-07	1.4E-08	8.4E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	9.6E-08
2284	UCART2	480159.83	3733402.05	480159.83	0.0997	0.15775	0.03009	0.23838	0.24725	0.03354	2.96E-04	4.88E-04	9.34E-05	3.85E-06	1.15E-06	6.76E-08	8.83E-04	3.1E-07	9.2E-07	5.3E-07	4.8E-07	2.2E-07	1.2E-08	7.4E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	8.6E-08
2285	UCART2	480209.83	3733402.05	480209.83	0.09015	0.1355	0.03126	0.23468	0.2471	0.03497	2.68E-04	4.20E-04	9.70E-05	3.79E-06	1.15E-06	7.05E-08	7.89E-04	2.7E-07	8.3E-07	4.8E-07	4.3E-07	2.0E-07	1.1E-08	6.6E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	7.7E-08
2286	UCART2	480259.83	3733402.05	480259.83	0.08208	0.11822	0.03253	0.23205	0.24729	0.03652	2.44E-04	3.66E-04	1.01E-04	3.75E-06	1.15E-06	7.36E-08	7.16E-04	2.5E-07	7.5E-07	4.3E-07	3.9E-07	1.8E-07	9.7E-09	6.0E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	7.0E-08
2287	UCART2	480309.83	3733402.05	480309.83	0.07519	0.1045	0.0339	0.23016	0.24768	0.03822	2.23E-04	3.24E-04	1.05E-04	3.72E-06	1.15E-06	7.70E-08	6.57E-04	2.3E-07	6.9E-07	4.0E-07	3.6E-07	1.6E-07	8.9E-09	5.5E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	6.4E-08
2288	UCART2	480359.83	3733402.05	480359.83	0.06928	0.09341	0.03537	0.22853	0.2479	0.04005	2.06E-04	2.89E-04	1.10E-04	3.69E-06	1.15E-06	8.07E-08	6.10E-04	2.1E-07	6.4E-07	3.7E-07	3.3E-07	1.5E-07	8.3E-09	5.1E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	5.9E-08
2289	UCART2	480409.83	3733402.05	480409.83	0.06417	0.08429	0.03696	0.22719	0.24809	0.04205	1.91E-04	2.61E-04	1.15E-04	3.67E-06	1.15E-06	8.48E-08	5.71E-04	2.0E-07	6.0E-07	3.5E-07	3.1E-07	1.4E-07	7.8E-09	4.8E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	5.6E-08
2290	UCART2	480459.83	3733402.05	480459.83	0.0597	0.07668	0.03872	0.22632	0.24855	0.04427	1.77E-04	2.37E-04	1.20E-04	3.66E-06	1.16E-06	8.92E-08	5.40E-04	1.9E-07	5.6E-07	3.3E-07	3.0E-07	1.4E-07	7.3E-09	4.5E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	5.3E-08
2291	UCART2	480509.83	3733402.05	480509.83	0.05577	0.07026	0.04066	0.22562	0.24899	0.04672	1.66E-04	2.18E-04	1.26E-04	3.64E-06	1.16E-06	9.42E-08	5.14E-04	1.8E-07	5.4E-07	3.1E-07	2.8E-07	1.3E-07	7.0E-09	4.3E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	5.0E-08
2292	UCART2	480559.83	3733402.05	480559.83	0.05229	0.06477	0.0428	0.22517	0.24955	0.04947	1.55E-04	2.01E-04	1.33E-04	3.64E-06	1.16E-06	9.97E-08	4.94E-04	1.7E-07	5.2E-07	3.0E-07	2.7E-07	1.2E-07	6.7E-09	4.1E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	4.8E-08
2293	UCART2	480609.83	3733402.05	480609.83	0.0492	0.06004	0.04518	0.22475	0.25001	0.05254	1.46E-04	1.86E-04	1.40E-04	3.63E-06	1.16E-06	1.06E-07	4.77E-04	1.7E-07	5.0E-07	2.9E-07	2.6E-07	1.2E-07	6.5E-09	4.0E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	4.6E-08
2294	UCART2	480659.83	3733402.05	480659.83	0.04643	0.05592	0.04785	0.22451	0.25056	0.05602	1.38E-04	1.73E-04	1.48E-04	3.63E-06	1.16E-06	1.13E-07	4.64E-04	1.6E-07	4.9E-07	2.8E-07	2.5E-07	1.2E-07	6.3E-09	3.9E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	4.5E-08
2295	UCART2	480709.83	3733402.05	480709.83	0.04394	0.05231	0.05085	0.2245	0.25131	0.05999	1.31E-04	1.62E-04	1.58E-04	3.63E-06	1.17E-06	1.21E-07	4.55E-04	1.6E-07	4.8E-07	2.8E-07	2.5E-07	1.1E-07	6.2E-09	3.8E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	4.4E-08
2296	UCART2	480759.83	3733402.05	480759.83	0.04168	0.04911	0.05422	0.22446	0.25193	0.06446	1.24E-04	1.52E-04	1.68E-04	3.63E-06	1.17E-06	1.30E-07	4.49E-04	1.6E-07	4.7E-07	2.7E-07	2.5E-07	1.1E-07	6.1E-09	3.8E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	4.4E-08
2297	UCART2	480809.83	3733402.05	480809.83	0.03965	0.04628	0.05805	0.22428	0.25234	0.06958	1.18E-04	1.43E-04	1.80E-04	3.62E-06	1.17E-06	1.40E-07	4.46E-04	1.5E-07	4.7E-07	2.7E-07	2.4E-07	1.1E-07	6.1E-09	3.7E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	4.3E-08
2298	UCART2	480859.83	3733402.05	480859.83	0.0378	0.04376	0.06245	0.22374	0.25228	0.07553	1.12E-04	1.35E-04	1.94E-04	3.61E-06	1.17E-06	1.52E-07	4.47E-04	1.5E-07	4.7E-07	2.7E-07	2.4E-07	1.1E-07	6.1E-09	3.7E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	4.3E-08
2299	UCART2	480909.83	3733402.05	480909.83	0.03609	0.04147	0.06755	0.22392	0.25298	0.08249	1.07E-04	1.28E-04	2.10E-04	3.62E-06	1.18E-06	1.66E-07	4.50E-04	1.6E-07	4.7E-07	2.7E-07	2.5E-07	1.1E-07	6.1E-09	3.8E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	4.4E-08
2300	UCART2	480959.83	3733402.05	480959.83	0.03453	0.03941	0.0735	0.22376	0.25326	0.09073	1.03E-04	1.22E-04	2.28E-04	3.61E-06	1.18E-06	1.83E-07	4.58E-04	1.6E-07	4.8E-07	2.8E-07	2.5E-07	1.1E-07	6.2E-09	3.8E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	4.5E-08
2301	UCART2	481009.83	3733402.05	481009.83	0.0331	0.03755	0.08055	0.22343	0.25332	0.1006	9.83E-05	1.16E-04	2.50E-04	3.61E-06	1.18E-06	2.03E-07	4.70E-04	1.6E-07	4.9E-07	2.8E-07	2.6E-07	1.2E-07	6.4E-09	3.9E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	4.6E-08
2302	UCART2	481059.83	3733402.05	481059.83	0.03178	0.03585	0.08897	0.22311	0.25337	0.11256	9.44E-05	1.11E-04	2.76E-04	3.60E-06	1.18E-06	2.27E-07	4.86E-04	1.7E-07	5.1E-07	2.9E-07	2.7E-07	1.2E-07	6.6E-09	4.1E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	4.7E-08
2303	UCART2	481109.83	3733402.05	481109.83	0.03056	0.03429	0.09915	0.22282	0.2534	0.12725	9.08E-05	1.06E-04	3.08E-04	3.60E-06	1.18E-06	2.57E-07	5.10E-04	1.8E-07	5.3E-07	3.1E-07	2.8E-07	1.3E-07	6.9E-09	4.3E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	5.0E-08
2304	UCART2	481159.83	3733402.05	481159.83	0.02943	0.03286	0.11164	0.22245	0.25333	0.14556	8.74E-05	1.02E-04	3.46E-04	3.59E-06	1.18E-06	2.93E-07	5.41E-04	1.9E-07	5.7E-07	3.3E-07	3.0E-07	1.4E-07	7.4E-09	4.5E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	5.3E-08
2305	UCART2	481209.83	3733402.05	481209.83	0.02837	0.03154	0.12716	0.22206	0.2532	0.16879	8.43E-05	9.77E-05	3.95E-04	3.59E-06	1.18E-06	3.40E-07	5.82E-04	2.0E-07	6.1E-07	3.5E-07	3.2E-07	1.5E-07	7.9E-09	4.9E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	5.7E-08
2306	UCART2	481259.83	3733402.05	481259.83	0.02739	0.03033	0.14674	0.2214	0.25289	0.19876	8.14E-05	9.39E-05	4.55E-04	3.58E-06	1.18E-06	4.01E-07	6.36E-04	2.2E-07	6.6E-07	3.8E-07	3.5E-07	1.6E-07	8.6E-09	5.3E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	6.2E-08
2307	UCART2	481309.83	3733402.05	481309.83	0.02648	0.0292	0.17182	0.22103	0.25266	0.23823	7.86E-05	9.04E-05	5.33E-04	3.57E-06	1.17E-06	4.80E-07	7.07E-04	2.4E-07	7.4E-07	4.3E-07	3.9E-07	1.8E-07	9.5E-09	5.9E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	6.9E-08
2308	UCART2	481359.83	3733402.05	481359.83	0.0256	0.02815	0.20443	0.22041	0.25226	0.29124	7.61E-05	8.72E-05	6.34E-04	3.56E-06	1.17E-06	5.87E-07	8.03E-04	2.8E-07	8.4E-07	4.9E-07	4.4E-07	2.0E-07	1.1E-08	6.7E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	7.8E-08
2309	UCART2	481409.83	3733402.05	481409.83	0.02479	0.02718	0.24738	0.21972	0.25176	0.36397	7.37E-05	8.42E-05	7.68E-04	3.55E-06	1.17E-06	7.34E-07	9.31E-04	3.2E-07	9.7E-07	5.6E-07	5.1E-07	2.3E-07	1.3E-08	7.8E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	9.1E-08
2310	UCART2	481459.83	3733402.05	481459.83	0.02403	0.02627	0.30454	0.21894	0.25115	0.46582	7.14E-05	8.13E-05	9.45E-04	3.54E-06	1.17E-06	9.39E-07	1.10E-03	3.8E-07	1.2E-06	6.7E-07	6.1E-07	2.8E-07	1.5E-08	9.2E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.1E-07
2311	UCART2	481509.83	3733402.05	481509.83	0.02332	0.02541	0.38078	0.21803	0.25039	0.61086	6.93E-05	7.87E-05	1.18E-03	3.52E-06	1.16E-06	1.23E-06	1.34E-03	4.6E-07	1.4E-06	8.1E-07	7.3E-07	3.3E-07	1.8E-08	1.1E-07	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.3E-07
2312	UCART2	481559.83	3733402.05	481559.83	0.02265	0.02462	0.48113	0.2169	0.24944	0.81895	6.73E-05	7.62E-05	1.49E-03	3.50E-06	1.16E-06	1.65E-06	1.64E-03	5.7E-07	1.7E-06	9.9E-07	9.0E-07	4.1E-07	2.2E-08	1.4E-07	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.6E-07
2313	UCART2	481609.83	3733402.05	481609.83	0.02201	0.02387	0.60816	0.21567	0.24829	1.11491	6.54E-05	7.39E-05	1.89E-03	3.48E-06	1.15E-06	2.25E-06	2.03E-03	7.0E-07	2.1E-06	1.2E-06	1.1E-06	5.1E-07	2.8E-08	1.7E-07	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.0E-07
2314	UCART2	481659.83	3733402.05	481659.83	0.02141	0.02316	0.75734	0.21425	0.24689	1.51991	6.36E-05	7.17E-05	2.35E-03	3.46E-06	1.15E-06	3.06E-06	2.49E-03	8.6E-07	2.6E-06	1.5E-06	1.4E-06	6.2E-07	3.4E-08	2.1E-07	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.4E-07
2315	UCART2	479709.83	3733452.05	479709.83	0.28615	6.68271	0.02242	2.55499	2.72712	0.0243	8.50E-04	2.07E-02	6.96E-05	4.13E-05	1.27E-05	4.90E-08	2.17E-02	7.5E-06	2.3E-05	1.3E-05	1.2E-05	5.4E-06	2.9E-07	1.8E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.1E-06
2316	UCART2	479759.83	3733452.05	479759.83	0.25141	2.30525	0.02308	0.88968	0.7967	0.02507	7.47E-04	7.14E-03	7.16E-05	1.44E-05	3.70E-06	5.05E-08	7.97E-03	2.8E-06	8.3E-06	4.8E-06	4.4E-06	2.0E-06	1.1E-07	6.7E-07	0.0E+00	0.0E+00	0.0E+00	0.0E+00	7.8E-07
2317	UCART2	479809.83	3733452.05	479809.83	0.2201	1.18501	0.02377	0.54913	0.48269	0.02587	6.54E-04	3.67E-03	7.38E-05	8.87E-06	2.24E-06	5.21E-08	4.41E-03	1.5E-06	4.6E-06	2.7E-06	2.4E-06	1.1E-06	6.0E-08	3.7E-07	0.0E+00	0.0E+00	0.0E+00	0.0E+00	4.3E-07
2318	UCART2	479859.83	3733452.05	479859.83	0.19263	0.72384	0.02453	0.42038	0.38043	0.02675	5.72E-04	2.26E-03	7.61E-05	6.79E-06	1.77E-06	5.39E-08	2.91E-03	1.0E-06	3.0E-06	1.8E-06	1.6E-06	7.3E-07	4.0E-08	2.4E-07	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.8E-07
2319	UCART2	479909.83	3733452.05	479909.83	0.16896	0.49752	0.02536	0.35996	0.33871	0.02781	5.02E-04	1.54E-03	7.87E-05	5.81E-06	1.57E-06	5.61E-08	2.13E-03	7.4E-07	2.2E-06	1.3E-06	1.2E-06	5.3E-07	2.9E-08	1.8E-07	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.1E-07
2320	UCART2	479959.83	3733452.05	479959.83	0.14881	0.36474	0.02621	0.3282	0.32014	0.02883	4.42E-04	1.13E-03	8.13E-05	5.30E-06	1.49E-06	5.81E-08	1.66E-03	5.7E-07	1.7E-06	1.0E-06	9.1E-07	4.2E-07	2.3E-08	1.4E-07	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.6E-07
2321	UCART2	480009.83	3733452.05	480009.83	0.13179	0.28125	0.02709	0.30999	0.31141	0.02989	3.92E-04	8.71E-04	8.41E-05	5.01E-06	1.45E-06	6.03E-08	1.35E-03	4.7E-07	1.4E-06	8.2E-07	7.4E-07	3.4E-07	1.8E-08	1.1E-07	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.3E-07
2322	UCART2	480059.83	3733452.05	480059.83	0.11748	0.22521	0.02804	0.29878	0.30718	0.03102	3.49E-04	6.97E-04	8.70E-05	4.83E-06	1.43E-06	6.25E-08	1.14E-03	3.9E-07	1.2E-06	6.9E-07	6.3E-07	2.9E-07	1.5E-08	9.5E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.1E-07
2323	UCART2	480109.83	3733452.05	480109.83	0.10543	0.18568	0.02905	0.29173	0.30545	0.03225	3.13E-04	5.75E-04	9.01E-05	4.71E-06	1.42E-06	6.50E-08	9.84E-04	3.4E-07	1.0E-06	6.0E-07	5.4E-07	2.5E-07	1.3E-08	8.2E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	9.6E-08
2324	UCART2	480159.83	3733452.05	480159.83	0.09525	0.15666	0.03015	0.28707	0.30495	0.03358	2.83E-04	4.85E-04	9.35E-05	4.64E-06	1.42E-06	6.77E-08	8.68E-04	3.0E-07	9.1E-07	5.3E-07	4.8E-07	2.2E-07	1.2E-08	7.3E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	8.4E-08
2325	UCART2	480209.83	3733452.05	480209.83	0.08661	0.13468	0.03133	0.28389	0.30507	0.03502	2.57E-04	4.17E-04	9.72E-05	4.59E-06	1.42E-06	7.06E-08	7.78E-04	2.7E-07	8.1E-07	4.7E-07	4.3E-07	1.9E-07	1.1E-08	6.5E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	7.6E-08
2326	UCART2	480259.

2404	UCART2	480159.83	3733552.05	480159.83,	0.08654	0.15064	0.03022	0.50222	0.55769	0.03363	2.57E-04	4.66E-04	9.38E-05	8.11E-06	2.59E-06	6.78E-08	8.28E-04	2.9E-07	8.7E-07	5.0E-07	4.5E-07	2.1E-07	1.1E-08	6.9E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	8.1E-08
2405	UCART2	480209.83	3733552.05	480209.83,	0.07955	0.13031	0.03139	0.49997	0.55853	0.03506	2.36E-04	4.03E-04	9.74E-05	8.08E-06	2.60E-06	7.07E-08	7.48E-04	2.6E-07	7.8E-07	4.5E-07	4.1E-07	1.9E-07	1.0E-08	6.3E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	7.3E-08
2406	UCART2	480259.83	3733552.05	480259.83,	0.07345	0.11434	0.03264	0.49828	0.55947	0.03659	2.18E-04	3.54E-04	1.01E-04	8.05E-06	2.60E-06	7.38E-08	6.84E-04	2.4E-07	7.2E-07	4.1E-07	3.8E-07	1.7E-07	9.3E-09	5.7E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	6.7E-08
2407	UCART2	480309.83	3733552.05	480309.83,	0.0681	0.10153	0.034	0.49711	0.56063	0.03827	2.02E-04	3.14E-04	1.05E-04	8.03E-06	2.61E-06	7.71E-08	6.33E-04	2.2E-07	6.6E-07	3.8E-07	3.5E-07	1.6E-07	8.6E-09	5.3E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	6.2E-08
2408	UCART2	480359.83	3733552.05	480359.83,	0.0634	0.0911	0.03548	0.49595	0.56148	0.04009	1.88E-04	2.82E-04	1.10E-04	8.01E-06	2.61E-06	8.08E-08	5.91E-04	2.0E-07	6.2E-07	3.6E-07	3.2E-07	1.5E-07	8.0E-09	5.0E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	5.8E-08
2409	UCART2	480409.83	3733552.05	480409.83,	0.05925	0.08245	0.03709	0.49554	0.56295	0.04209	1.76E-04	2.55E-04	1.15E-04	8.01E-06	2.62E-06	8.48E-08	5.57E-04	1.9E-07	5.8E-07	3.4E-07	3.1E-07	1.4E-07	7.6E-09	4.7E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	5.4E-08
2410	UCART2	480459.83	3733552.05	480459.83,	0.05554	0.0752	0.03886	0.49581	0.565	0.0443	1.65E-04	2.33E-04	1.21E-04	8.01E-06	2.63E-06	8.93E-08	5.29E-04	1.8E-07	5.5E-07	3.2E-07	2.9E-07	1.3E-07	7.2E-09	4.4E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	5.2E-08
2411	UCART2	480509.83	3733552.05	480509.83,	0.05224	0.06905	0.0408	0.49576	0.56652	0.04675	1.55E-04	2.14E-04	1.27E-04	8.01E-06	2.63E-06	9.42E-08	5.06E-04	1.8E-07	5.3E-07	3.1E-07	2.8E-07	1.3E-07	6.9E-09	4.2E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	4.9E-08
2412	UCART2	480559.83	3733552.05	480559.83,	0.04927	0.06377	0.04295	0.49577	0.56798	0.04948	1.46E-04	1.97E-04	1.33E-04	8.01E-06	2.64E-06	9.97E-08	4.88E-04	1.7E-07	5.1E-07	3.0E-07	2.7E-07	1.2E-07	6.6E-09	4.1E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	4.7E-08
2413	UCART2	480609.83	3733552.05	480609.83,	0.0466	0.0592	0.04534	0.49615	0.56974	0.05253	1.38E-04	1.83E-04	1.41E-04	8.02E-06	2.65E-06	1.06E-07	4.73E-04	1.6E-07	4.9E-07	2.9E-07	2.6E-07	1.2E-07	6.4E-09	4.0E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	4.6E-08
2414	UCART2	480659.83	3733552.05	480659.83,	0.04418	0.05521	0.04801	0.49668	0.5716	0.05596	1.31E-04	1.71E-04	1.49E-04	8.02E-06	2.66E-06	1.13E-07	4.62E-04	1.6E-07	4.8E-07	2.8E-07	2.5E-07	1.2E-07	6.3E-09	3.9E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	4.5E-08
2415	UCART2	480709.83	3733552.05	480709.83,	0.04198	0.05171	0.05101	0.49694	0.5731	0.05985	1.25E-04	1.60E-04	1.58E-04	8.03E-06	2.66E-06	1.21E-07	4.54E-04	1.6E-07	4.7E-07	2.7E-07	2.5E-07	1.1E-07	6.2E-09	3.8E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	4.4E-08
2416	UCART2	480759.83	3733552.05	480759.83,	0.03999	0.04861	0.05441	0.49683	0.57413	0.0643	1.19E-04	1.51E-04	1.69E-04	8.03E-06	2.67E-06	1.30E-07	4.49E-04	1.6E-07	4.7E-07	2.7E-07	2.5E-07	1.1E-07	6.1E-09	3.8E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	4.4E-08
2417	UCART2	480809.83	3733552.05	480809.83,	0.03814	0.04583	0.05828	0.49883	0.57733	0.06941	1.13E-04	1.42E-04	1.81E-04	8.06E-06	2.68E-06	1.40E-07	4.47E-04	1.5E-07	4.7E-07	2.7E-07	2.5E-07	1.1E-07	6.1E-09	3.7E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	4.4E-08
2418	UCART2	480859.83	3733552.05	480859.83,	0.03647	0.04337	0.06277	0.49856	0.57826	0.07537	1.08E-04	1.34E-04	1.95E-04	8.05E-06	2.69E-06	1.52E-07	4.48E-04	1.6E-07	4.7E-07	2.7E-07	2.5E-07	1.1E-07	6.1E-09	3.8E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	4.4E-08
2419	UCART2	480909.83	3733552.05	480909.83,	0.03492	0.04113	0.06797	0.49952	0.58029	0.08234	1.04E-04	1.27E-04	2.11E-04	8.07E-06	2.70E-06	1.66E-07	4.53E-04	1.6E-07	4.7E-07	2.7E-07	2.5E-07	1.1E-07	6.2E-09	3.8E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	4.4E-08
2420	UCART2	480959.83	3733552.05	480959.83,	0.03349	0.03911	0.07409	0.49998	0.58178	0.09063	9.95E-05	1.21E-04	2.30E-04	8.08E-06	2.70E-06	1.83E-07	4.61E-04	1.6E-07	4.8E-07	2.8E-07	2.5E-07	1.2E-07	6.3E-09	3.9E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	4.5E-08
2421	UCART2	481009.83	3733552.05	481009.83,	0.03217	0.03728	0.08139	0.50041	0.5831	0.1006	9.56E-05	1.15E-04	2.53E-04	8.08E-06	2.71E-06	2.03E-07	4.75E-04	1.6E-07	5.0E-07	2.9E-07	2.6E-07	1.2E-07	6.5E-09	4.0E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	4.6E-08
2422	UCART2	481059.83	3733552.05	481059.83,	0.03095	0.0356	0.09022	0.50066	0.58437	0.11276	9.20E-05	1.10E-04	2.80E-04	8.09E-06	2.72E-06	2.27E-07	4.93E-04	1.7E-07	5.2E-07	3.0E-07	2.7E-07	1.2E-07	6.7E-09	4.1E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	4.8E-08
2423	UCART2	481109.83	3733552.05	481109.83,	0.02981	0.03407	0.10109	0.50092	0.58557	0.12783	8.86E-05	1.05E-04	3.14E-04	8.09E-06	2.72E-06	2.58E-07	5.19E-04	1.8E-07	5.4E-07	3.1E-07	2.8E-07	1.3E-07	7.1E-09	4.3E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	5.1E-08
2424	UCART2	481159.83	3733552.05	481159.83,	0.02875	0.03266	0.1147	0.50126	0.58676	0.14687	8.54E-05	1.01E-04	3.56E-04	8.10E-06	2.73E-06	2.96E-07	5.54E-04	1.9E-07	5.8E-07	3.3E-07	3.0E-07	1.4E-07	7.5E-09	4.6E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	5.4E-08
2425	UCART2	481209.83	3733552.05	481209.83,	0.02776	0.03137	0.13152	0.50146	0.58798	0.17147	8.25E-05	9.71E-05	4.10E-04	8.10E-06	2.73E-06	3.46E-07	6.01E-04	2.1E-07	6.3E-07	3.6E-07	3.3E-07	1.5E-07	8.2E-09	5.0E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	5.9E-08
2426	UCART2	481259.83	3733552.05	481259.83,	0.02684	0.03017	0.15525	0.50149	0.58883	0.20405	7.97E-05	9.34E-05	4.82E-04	8.10E-06	2.74E-06	4.11E-07	6.66E-04	2.3E-07	7.0E-07	4.0E-07	3.7E-07	1.7E-07	9.1E-09	5.6E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	6.5E-08
2427	UCART2	481309.83	3733552.05	481309.83,	0.02597	0.02905	0.18675	0.50146	0.58975	0.24858	7.72E-05	8.99E-05	5.79E-04	8.10E-06	2.74E-06	5.01E-07	7.58E-04	2.6E-07	7.9E-07	4.6E-07	4.2E-07	1.9E-07	1.0E-08	6.3E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	7.4E-08
2428	UCART2	481359.83	3733552.05	481359.83,	0.02515	0.02802	0.23158	0.50128	0.59055	0.3118	7.47E-05	8.68E-05	7.19E-04	8.10E-06	2.75E-06	6.29E-07	8.91E-04	3.1E-07	9.3E-07	5.4E-07	4.9E-07	2.2E-07	1.2E-08	7.5E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	8.7E-08
2429	UCART2	481409.83	3733552.05	481409.83,	0.02438	0.02705	0.29891	0.50128	0.59135	0.40597	7.24E-05	8.38E-05	9.27E-04	8.10E-06	2.75E-06	8.18E-07	1.10E-03	3.8E-07	1.1E-06	6.6E-07	6.0E-07	2.7E-07	1.5E-08	9.2E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.1E-07
2430	UCART2	481459.83	3733552.05	481459.83,	0.02365	0.02615	0.40705	0.50119	0.59206	0.55503	7.03E-05	8.10E-05	1.26E-03	8.10E-06	2.75E-06	1.12E-06	1.43E-03	4.9E-07	1.5E-06	8.6E-07	7.8E-07	3.6E-07	1.9E-08	1.2E-07	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.4E-07
2431	UCART2	481509.83	3733552.05	481509.83,	0.02298	0.02531	0.59676	0.50001	0.59216	0.81024	6.83E-05	7.84E-05	1.85E-03	8.08E-06	2.75E-06	1.63E-06	2.01E-03	7.0E-07	2.1E-06	1.2E-06	1.1E-06	5.0E-07	2.7E-08	1.7E-07	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.0E-07
2432	UCART2	481559.83	3733552.05	481559.83,	0.02233	0.02452	0.9783	0.49969	0.59254	1.2989	6.63E-05	7.59E-05	3.04E-03	8.07E-06	2.75E-06	2.62E-06	3.19E-03	1.1E-06	3.3E-06	1.9E-06	1.8E-06	8.0E-07	4.3E-08	2.7E-07	0.0E+00	0.0E+00	0.0E+00	0.0E+00	3.1E-07
2433	UCART2	481609.83	3733552.05	481609.83,	0.02171	0.02378	1.95906	0.49913	0.59272	2.40669	6.45E-05	7.36E-05	6.08E-03	8.06E-06	2.76E-06	4.85E-06	6.23E-03	2.2E-06	6.5E-06	3.8E-06	3.4E-06	1.6E-06	8.5E-08	5.2E-07	0.0E+00	0.0E+00	0.0E+00	0.0E+00	6.1E-07
2434	UCART2	481659.83	3733552.05	481659.83,	0.02113	0.02308	7.21471	0.49814	0.59248	5.96246	6.28E-05	7.15E-05	2.24E-02	8.05E-06	2.75E-06	1.20E-05	2.25E-02	7.8E-06	2.4E-05	1.4E-05	1.2E-05	5.6E-06	3.1E-07	1.9E-06	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.2E-06
2435	UCART2	479709.83	3733602.05	479709.83,	0.18312	1.51231	0.02259	2.6	3.05622	0.02451	5.44E-04	4.68E-03	7.01E-05	4.20E-05	1.42E-05	4.94E-08	5.35E-03	1.9E-06	5.6E-06	3.2E-06	2.9E-06	1.3E-06	7.3E-08	4.5E-07	0.0E+00	0.0E+00	0.0E+00	0.0E+00	5.2E-07
2436	UCART2	479759.83	3733602.05	479759.83,	0.16832	1.04701	0.02324	1.17823	1.29451	0.02527	5.00E-04	3.24E-03	7.21E-05	1.90E-05	6.02E-06	5.09E-08	3.84E-03	1.3E-06	4.0E-06	2.3E-06	2.1E-06	9.6E-07	5.2E-08	3.2E-07	0.0E+00	0.0E+00	0.0E+00	0.0E+00	3.7E-07
2437	UCART2	479809.83	3733602.05	479809.83,	0.154	0.73009	0.02392	0.9447	1.02539	0.02607	4.58E-04	2.26E-03	7.42E-05	1.53E-05	4.77E-06	5.26E-08	2.81E-03	9.7E-07	2.9E-06	1.7E-06	1.5E-06	7.0E-07	3.8E-08	2.4E-07	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.7E-07
2438	UCART2	479859.83	3733602.05	479859.83,	0.14052	0.52646	0.02466	0.8698	0.94792	0.02694	4.17E-04	1.63E-03	7.65E-05	1.41E-05	4.41E-06	5.43E-08	2.14E-03	7.4E-07	2.2E-06	1.3E-06	1.2E-06	5.4E-07	2.9E-08	1.8E-07	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.1E-07
2439	UCART2	479909.83	3733602.05	479909.83,	0.1281	0.3947	0.02544	0.83672	0.91902	0.02785	3.81E-04	1.22E-03	7.89E-05	1.35E-05	4.27E-06	5.61E-08	1.70E-03	5.9E-07	1.8E-06	1.0E-06	9.3E-07	4.3E-07	2.3E-08	1.4E-07	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.7E-07
2440	UCART2	479959.83	3733602.05	479959.83,	0.1168	0.30683	0.02627	0.82027	0.90825	0.02884	3.47E-04	9.50E-04	8.15E-05	1.33E-05	4.22E-06	5.81E-08	1.40E-03	4.8E-07	1.5E-06	8.4E-07	7.7E-07	3.5E-07	1.9E-08	1.2E-07	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.4E-07
2441	UCART2	480009.83	3733602.05	480009.83,	0.10663	0.24604	0.02716	0.81212	0.90589	0.02991	3.17E-04	7.62E-04	8.43E-05	1.31E-05	4.21E-06	6.03E-08	1.18E-03	4.1E-07	1.2E-06	7.1E-07	6.5E-07	3.0E-07	1.6E-08	9.9E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.1E-07
2442	UCART2	480059.83	3733602.05	480059.83,	0.09755	0.20248	0.02811	0.80777	0.90691	0.03105	2.90E-04	6.27E-04	8.72E-05	1.30E-05	4.22E-06	6.26E-08	1.02E-03	3.5E-07	1.1E-06	6.2E-07	5.6E-07	2.6E-07	1.4E-08	8.6E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	9.9E-08
2443	UCART2	480109.83	3733602.05	480109.83,	0.08952	0.17029	0.02912	0.80464	0.90846	0.03227	2.66E-04	5.27E-04	9.04E-05	1.30E-05	4.22E-06	6.51E-08	9.01E-04	3.1E-07	9.4E-07	5.5E-07	4.9E-07	2.3E-07	1.2E-08	7.5E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	8.8E-08
2444	UCART2	480159.83	3733602.05	480159.83,	0.08242	0.14583	0.0302	0.80305	0.91114	0.03358	2.45E-04	4.52E-04	9.37E-05	1.30E-05	4.24E-06	6.77E-08	8.07E-04	2.8E-07	8.4E-07	4.9E-07	4.4E-07	2.0E-07	1.1E-08	6.8E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	7.9E-08
2445	UCART2	480209.83	3733602.05	480209.83,	0.07615	0.12682	0.03136	0.80231	0.91427	0.035	2.26E-04	3.93E-04	9.73E-05	1.30E-05	4.25E-06	7.06E-08	7.33E-04	2.5E-07	7.7E-07	4.4E-07	4.0E-07	1.8E-07	1.0E-08	6.1E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	7.1E-08
2446	UCART2	480259.83	3733602.05	480259.83,	0.07063	0.11174	0.03261	0.80201	0.91751	0.03652	2.10E-04	3.46E-04	1.01E-04	1.30E-05	4.27E-06	7.36E-08	6.74E-04	2.3E-07	7.0E-07	4.1E-07	3.7E-07	1.7E-07	9.2E-09	5.6E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	6.6E-08
2447	UCART2	480309.83	3733602.05	480309.83,	0.06573	0.09955	0.03397	0.80233	0.92121	0.03818	1.95E-04	3.08E-04	1.05E-04	1.30E-05	4.28E-06	7.70E-08	6.26E-04	2.2E-07	6.5E-07	3.8E-07	3.4E-07	1.6E-07	8.5E-09	5.2E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	6.1E-08
2448	UCART2	480359.83	3733602.05	480359.83,	0.0614	0.08955	0.03544	0.80186	0.92374	0.03999	1.82E-04	2.77E-04	1.10E-04	1.30E-05	4.29E-06	8.06E-08	5.87E-04	2.0E-07	6.1E-07	3.6E-07	3.2E-07	1.5E-07	8.0E-09	4.9E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	5.7E-08
2449	UCART2	480409.83	3733602.05	480409.83,	0.05754	0.08123	0.03705	0.80137	0.92826	0.04198	1.71E-04	2.52E-04	1.15E-04	1.30E-05	4.31E-06	8.44E-08	5.55E-04	1.9E-07	5.8E-07	3.4E-07	3.0E-07	1.4E-07	7.5E-09	4.6E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	5.4E-08
2450	UCART2	480459.83	3733602.05	480459.83,	0.05408	0.07422	0.03881	0.80521	0.93305	0.04418	1.61E-04	2.30E-04	1.20E-04	1.30E-05	4.34E-06	8.91E-08	5.28E-04	1.8E-07	5.5E-07	3.2E-07	2.9E-07	1.3E-07	7.2E-09	4.4E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	5.1E-08
2451	UCART2	480509.83	3733602.05	480509.83,	0.05098	0.06825	0.04075	0.80597	0.93651	0.0466	1.51E-04	2.11E-04	1.26E-04	1.30E-05	4.35E-06	9.39E-08	5.07E-04	1.8E-07	5.3E-07	3.1E-07	2.8E-07	1.3E-07	6.9E-09	4.2E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	4.9E-08
2452	UCART2	480559.83	3733602.05	480559.83,	0.04819	0.06311	0.04289	0.80684	0.9399	0.04931	1.43E-04	1.95E-04	1.33E-04	1.30E-05	4.37E-06	9.94E-08	4.89E-04	1.7E-07	5.1E-07	3.0E-07	2.7E-07	1.2E-07	6.7E-09	4.1E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	4.8E-08
2453	UCART2	480609.83	3733602.05	480609.83,	0.04565	0.05865	0.04527	0.8084	0.94395	0.05233	1.36E-04	1.82E-04	1.40E-04	1.31E-05	4.39E-06	1.05E-07	4.75E-04	1.6E-07	5.0E-07	2.9E-07	2.6E-07	1.2E-07	6.5E-09	4.0E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	4.6E-08
2454	UCART2	480659.83	3733602.05	480659.83,	0.04335	0.05475	0.04792	0.8104	0.94849	0.05573	1.29E-04	1.70E-04	1.49E-04	1.31E-05	4.41E-06	1.12E-07	4.65E-04	1.6E-07	4.9E-07	2.8E-07	2.5E-07	1.2E-07	6.3E-09	3.9E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	4.5E-08
2455	UCART2	480709.83	3733602.05	480709.83,	0.04125	0.05131	0.05091	0.8123	0.95298	0.05958	1.23E-04	1.59E-04	1.58E-04	1.31E-05	4.43E-06	1.20E-07	4.57E-04	1.6E-07	4.8E-07	2.8E-07	2.5E-07	1.1E-07	6.2E-09	3.8E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	4.5E-08
2456	UCART2	480759.83	3733602.05	480759.83,	0.03933	0.04826	0.05429	0.81428	0.95737	0.06398	1.17E-04	1.49E-04	1.68E-04	1.32E-05	4.45E-06	1.29E-07	4.52E-04	1.6E-07	4.7E-07	2.7E-07	2.5E-07	1.1E-07	6.2E-09	3.8E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	4.4E-08
2457	UCART2	480809.83	3733602.05	480809.83,	0.03757	0.04554	0.05815	0.81606	0.96142	0.06904	1.12E-04	1.41E-04	1.80E-04	1.32E-05	4.47E-06	1.39E-07	4.51E-04	1.6E-07	4.7E-07	2.7E-07	2.5E-07	1.1E-07	6.1E-09	3.8E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	4.4E-08
2458	UCART2	480859.83	3733602.05	480859.83,	0.03596	0.04311	0.06261	0.81741	0.9653	0.07492	1.07E-04	1.33E-04	1.94E-04	1.32E-05	4.49E-06	1.51E-07	4.52E-04	1.6E-07	4.7E-07	2.7E-07	2.5E-07	1.1E-07	6.2E-09	3.8E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	4.4E-08
2459	UCART2	480909.83	3733602.05	480909.83,	0.03447	0.04091	0.06779	0.81882	0.9692	0.08182	1.02E-04	1.27E-04	2.10E-04	1.32E-05	4.51E-06	1.65E-07	4.57E-04	1.6E-07	4.8E-07	2.8E-07	2.5E-07	1.1E-07	6.2E-09	3.8E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	4.5E-08
2460	UCART2	480959.83	3733602.05	480959.83,	0.03309	0.03893	0.07074	0.82065	0.9741	0.08999	9.83E-05	1.21E-04	2.29E-04	1.33E-05	4.52E-06	1.81E-07	4.66E-04	1.6E-07	4.9E-07	2.8E-07	2.6E-07	1.2E-07	6.3E-09	3.9E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	4.5E-08
2461	UCART2	481009.83	3733602.05	481009.83,	0.03181	0.03711	0.08115	0.82216	0.97697	0.09982	9.45E-05	1.15E-04	2.52E-04	1.33E-05	4.54E-06	2.01E-07	4.79E-04	1.7E-07	5.0E-07	2.9E-07	2.6E-07	1.2E-07	6.5E-09	4.0E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	4.7E-08
2462	UCART2	481059.83	3733602.05	481059.83,	0.03063	0.03545	0.08994	0.82356	0.98082	0.11179	9.10E-05	1.10E-04	2.79E-04	1.33E-05	4.56E-06	2.25E-07	4.98E-04	1.7E-07	5.2E-07	3.0E-07	2.7E-07	1.2E-07	6.8E-09	4.2E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	4.8E-08
2463	UCART2	481109.83	3733602.05	481109.83,	0.02952	0.03394	0.10074	0.82512	0.98466	0.1266	8.77E-05	1.05E-04	3.13E-04	1.33E-05	4.58E-06	2.55E-07	5.24E-04	1.8E-07	5.5E-07	3.2E-07	2.9E-07	1.3E-07	7.1E-09	4.4E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	5.1E-08
2464	UCART2	481159.83	3733602.05	481159.83,	0.02849	0.03254	0.11431	0.82658	0.98847	0.1453	8.46E-05	1.01E-04	3.55E-04	1.34E-05	4.59E-06	2.93E-07	5.58E-04	1.9E-07	5.8E-07	3.4E-07	3.1E-07	1.4E-07	7.6E-09	4.7E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	5.4E-08
2465	UCART2	481209.83	3733602.05	481209.83,	0.02752	0.03126	0.13174	0.82798	0.99225	0.16941	8.18E-05	9.68E-05	4.09E-04	1.34E-05	4.61E-06	3.42E-07	6.06E-04	2.1E-07	6.3E-07	3.7E-07	3.3E-07	1.5E-07	8.2E-09	5.1E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	5.9E-08
2466	UCART2	481259.83	3733602.05	481259.83,	0.02662	0.03007	0.1548	0.82919	0.99597	0.20133	7.91E-05	9.31E-05	4.80E-04	1.34E-05	4.63E-06	4.06E-07	6.71E-04	2.3E-07	7.0E-07	4.1E-07	3.7E-07	1.7E-07	9.1E-09	5.6E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	6.5E-08
2467	UCART2	481309.83	3733602.05	481309.83,	0.02577	0.02897	0.18642	0.83028	0.99935	0.2449	7.66E-05	8.97E-05	5.78E-04	1.34E-05	4.65E-06	4.94E-07	7.63E-04	2.6E-07	8.0E-07	4.6E-07	4.2E-07	1.9E-07	1.0E-08	6.4E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	7.4E-08
2468	UCART2	481359.83	3733602.05

2546	UCART2	482319.55	3733579.77	482319.55,	0.01555	0.01658	1.63733	0.40916	0.49382	0.17689	4.62E-05	5.13E-05	5.08E-03	6.61E-06	2.30E-06	3.57E-07	5.19E-03	1.8E-06	5.4E-06	3.1E-06	2.8E-06	1.3E-06	7.1E-08	4.3E-07	0.0E+00	0.0E+00	0.0E+00	5.1E-07
2547	UCART2	482369.55	3733579.77	482369.55,	0.01527	0.01626	1.07512	0.28116	0.32739	0.14839	4.54E-05	5.03E-05	3.34E-03	4.54E-06	1.52E-06	2.99E-07	3.44E-03	1.2E-06	3.6E-06	2.1E-06	1.9E-06	8.6E-07	4.7E-08	2.9E-07	0.0E+00	0.0E+00	0.0E+00	3.3E-07
2548	UCART2	482269.55	3733629.77	482269.55,	0.01582	0.01692	4.87477	1.1307	1.49103	0.20885	4.70E-05	5.24E-05	1.51E-02	1.83E-05	6.93E-06	4.21E-07	1.52E-02	5.3E-06	1.6E-05	9.2E-06	8.4E-06	3.8E-06	2.1E-07	1.3E-06	0.0E+00	0.0E+00	0.0E+00	1.5E-06
2549	UCART2	482319.55	3733629.77	482319.55,	0.01553	0.01658	3.65894	0.87549	1.13191	0.17264	4.61E-05	5.13E-05	1.14E-02	1.41E-05	5.26E-06	3.48E-07	1.15E-02	4.0E-06	1.2E-05	6.9E-06	6.3E-06	2.9E-06	1.6E-07	9.6E-07	0.0E+00	0.0E+00	0.0E+00	1.1E-06
2550	UCART2	482369.55	3733629.77	482369.55,	0.01525	0.01626	1.61007	0.42128	0.4859	0.14455	4.53E-05	5.03E-05	5.00E-03	6.81E-06	2.26E-06	2.91E-07	5.10E-03	1.8E-06	5.3E-06	3.1E-06	2.8E-06	1.3E-06	6.9E-08	4.3E-07	0.0E+00	0.0E+00	0.0E+00	5.0E-07
2551	CORSICA	479489.57	3733099.47	479489.57,	10.54477	0.57699	0.01928	0.2067	0.07601	0.02073	3.13E-02	1.79E-03	5.98E-05	3.34E-06	3.53E-07	4.18E-08	3.32E-02	1.1E-05	3.5E-05	2.0E-05	1.8E-05	8.3E-06	4.5E-07	2.8E-06	0.0E+00	0.0E+00	0.0E+00	3.2E-06
2552	CORSICA	479519.57	3733099.47	479519.57,	8.88509	0.62083	0.01956	0.2558	0.07965	0.02106	2.64E-02	1.92E-03	6.07E-05	4.13E-06	3.70E-07	4.25E-08	2.84E-02	9.8E-06	3.0E-05	1.7E-05	1.6E-05	7.1E-06	3.9E-07	2.4E-06	0.0E+00	0.0E+00	0.0E+00	2.8E-06
2553	CORSICA	479549.57	3733099.47	479549.57,	8.2406	0.66338	0.01987	0.33224	0.08351	0.0214	2.45E-02	2.05E-03	6.17E-05	5.37E-06	3.88E-07	4.31E-08	2.66E-02	9.2E-06	2.8E-05	1.6E-05	1.5E-05	6.7E-06	3.6E-07	2.2E-06	0.0E+00	0.0E+00	0.0E+00	2.6E-06
2554	CORSICA	479489.57	3733129.47	479489.57,	7.32611	0.6871	0.01935	0.21583	0.08125	0.0208	2.18E-02	2.13E-03	6.00E-05	3.49E-06	3.78E-07	4.19E-08	2.40E-02	8.3E-06	2.5E-05	1.4E-05	1.3E-05	6.0E-06	3.3E-07	2.0E-06	0.0E+00	0.0E+00	0.0E+00	2.3E-06
2555	CORSICA	479519.57	3733129.47	479519.57,	5.17307	0.74512	0.01963	0.26766	0.08552	0.02113	1.54E-02	2.31E-03	6.09E-05	4.32E-06	3.98E-07	4.26E-08	1.77E-02	6.1E-06	1.9E-05	1.1E-05	9.7E-06	4.4E-06	2.4E-07	1.5E-06	0.0E+00	0.0E+00	0.0E+00	1.7E-06
2556	CORSICA	479549.57	3733129.47	479549.57,	4.41591	0.8009	0.01993	0.348	0.09009	0.02147	1.31E-02	2.48E-03	6.18E-05	5.62E-06	4.19E-07	4.33E-08	1.57E-02	5.4E-06	1.6E-05	9.5E-06	8.6E-06	3.9E-06	2.1E-07	1.3E-06	0.0E+00	0.0E+00	0.0E+00	1.5E-06
2557	CORSICA	479489.57	3733159.47	479489.57,	5.6684	0.83224	0.01942	0.22389	0.08732	0.02087	1.68E-02	2.58E-03	6.03E-05	3.62E-06	4.06E-07	4.21E-08	1.95E-02	6.7E-06	2.0E-05	1.2E-05	1.1E-05	4.9E-06	2.6E-07	1.6E-06	0.0E+00	0.0E+00	0.0E+00	1.9E-06
2558	CORSICA	479519.57	3733159.47	479519.57,	3.69047	0.91153	0.01971	0.27799	0.09248	0.0212	1.10E-02	2.82E-03	6.12E-05	4.49E-06	4.30E-07	4.27E-08	1.39E-02	4.8E-06	1.4E-05	8.4E-06	7.6E-06	3.5E-06	1.9E-07	1.2E-06	0.0E+00	0.0E+00	0.0E+00	1.3E-06
2559	CORSICA	479549.57	3733159.47	479549.57,	3.01723	0.98554	0.02	0.36109	0.09796	0.02154	8.96E-03	3.05E-03	6.21E-05	5.83E-06	4.55E-07	4.34E-08	1.21E-02	4.2E-06	1.3E-05	7.3E-06	6.6E-06	3.0E-06	1.6E-07	1.0E-06	0.0E+00	0.0E+00	0.0E+00	1.2E-06

Construction Risk (Unmitigated)

Unmitigated

On-Site			Off-Site		
Site 1	Site 2	Site 3	Site 1	Site 2	Site 3
4.28E-04	4.37E-04	4.29E-04	1.62E-05	4.65E-06	2.02E-06

#	Discrete	X	Y	X, Y	AVERAGE CONC [ug/m^3] at 1 g/s						Concentration (AVERAGE CONC) [ug/m^3]							Residential Dose	Risk by Age Group						
					Onsite			Offsite			Onsite			Offsite			Unmitigated									
					Site 1	Site 2	Site 3	Site 1	Site 2	Site 3	Site 1	Site 2	Site 3	Site 1	Site 2	Site 3	Total	3rd	0<2	2<9	9<16	16<30	3rd	0<2	2<9	9<16	16<30	Total Risk
1	UCART3	478269.28	3732495.39	478269.28	0.04439	0.03611	0.01147	0.02066	0.01858	0.01202	1.90E-05	1.58E-05	4.92E-06	3.34E-07	8.64E-08	2.42E-08	4.02E-05	1.4E-08	4.2E-08	2.4E-08	2.2E-08	1.0E-08	5.5E-10	3.4E-09	0.0E+00	0.0E+00	0.0E+00	0.0E+00	3.9E-09
2	UCART3	478319.28	3732495.39	478319.28	0.04692	0.03741	0.01163	0.02124	0.01902	0.01221	2.01E-05	1.64E-05	4.99E-06	3.43E-07	8.84E-08	2.46E-08	4.19E-05	1.5E-08	4.4E-08	2.5E-08	2.3E-08	1.0E-08	5.7E-10	3.5E-09	0.0E+00	0.0E+00	0.0E+00	0.0E+00	4.1E-09
3	UCART3	478369.28	3732495.39	478369.28	0.04973	0.03875	0.01181	0.02185	0.01947	0.0124	2.13E-05	1.69E-05	5.06E-06	3.53E-07	9.05E-08	2.50E-08	4.38E-05	1.5E-08	4.6E-08	2.6E-08	2.4E-08	1.1E-08	6.0E-10	3.7E-09	0.0E+00	0.0E+00	0.0E+00	0.0E+00	4.3E-09
4	UCART3	478419.28	3732495.39	478419.28	0.05308	0.04025	0.01201	0.02255	0.01998	0.01262	2.27E-05	1.76E-05	5.15E-06	3.64E-07	9.29E-08	2.54E-08	4.60E-05	1.6E-08	4.8E-08	2.8E-08	2.5E-08	1.2E-08	6.3E-10	3.9E-09	0.0E+00	0.0E+00	0.0E+00	0.0E+00	4.5E-09
5	UCART3	478469.28	3732495.39	478469.28	0.05682	0.04182	0.01221	0.0233	0.02052	0.01286	2.43E-05	1.83E-05	5.24E-06	3.76E-07	9.54E-08	2.59E-08	4.84E-05	1.7E-08	5.1E-08	2.9E-08	2.7E-08	1.2E-08	6.6E-10	4.1E-09	0.0E+00	0.0E+00	0.0E+00	0.0E+00	4.7E-09
6	UCART3	478519.28	3732495.39	478519.28	0.06063	0.04333	0.0124	0.02402	0.02103	0.01307	2.60E-05	1.90E-05	5.32E-06	3.88E-07	9.78E-08	2.63E-08	5.08E-05	1.8E-08	5.3E-08	3.1E-08	2.8E-08	1.3E-08	6.9E-10	4.3E-09	0.0E+00	0.0E+00	0.0E+00	0.0E+00	4.9E-09
7	UCART3	478569.28	3732495.39	478569.28	0.0642	0.04456	0.01255	0.02461	0.02142	0.01322	2.75E-05	1.95E-05	5.38E-06	3.98E-07	9.96E-08	2.66E-08	5.29E-05	1.8E-08	5.5E-08	3.2E-08	2.9E-08	1.3E-08	7.2E-10	4.4E-09	0.0E+00	0.0E+00	0.0E+00	0.0E+00	5.2E-09
8	UCART3	478619.28	3732495.39	478619.28	0.06906	0.04635	0.01277	0.02547	0.02202	0.01347	2.96E-05	2.03E-05	5.48E-06	4.11E-07	1.02E-07	2.72E-08	5.59E-05	1.9E-08	5.8E-08	3.4E-08	3.1E-08	1.4E-08	7.6E-10	4.7E-09	0.0E+00	0.0E+00	0.0E+00	0.0E+00	5.4E-09
9	UCART3	478669.28	3732495.39	478669.28	0.0736	0.04782	0.01294	0.02618	0.02248	0.01366	3.15E-05	2.09E-05	5.55E-06	4.23E-07	1.04E-07	2.75E-08	5.85E-05	2.0E-08	6.1E-08	3.5E-08	3.2E-08	1.5E-08	8.0E-10	4.9E-09	0.0E+00	0.0E+00	0.0E+00	0.0E+00	5.7E-09
10	UCART3	478719.28	3732495.39	478719.28	0.07832	0.04919	0.0131	0.02687	0.0229	0.01384	3.35E-05	2.15E-05	5.62E-06	4.34E-07	1.06E-07	2.79E-08	6.13E-05	2.1E-08	6.4E-08	3.7E-08	3.4E-08	1.5E-08	8.3E-10	5.1E-09	0.0E+00	0.0E+00	0.0E+00	0.0E+00	6.0E-09
11	UCART3	478769.28	3732495.39	478769.28	0.08408	0.05103	0.01331	0.02776	0.02348	0.01408	3.60E-05	2.23E-05	5.71E-06	4.48E-07	1.09E-07	2.84E-08	6.46E-05	2.2E-08	6.8E-08	3.9E-08	3.5E-08	1.6E-08	8.8E-10	5.4E-09	0.0E+00	0.0E+00	0.0E+00	0.0E+00	6.3E-09
12	UCART3	478819.28	3732495.39	478819.28	0.08916	0.05222	0.01347	0.02843	0.02388	0.01426	3.82E-05	2.28E-05	5.78E-06	4.59E-07	1.11E-07	2.87E-08	6.74E-05	2.3E-08	7.0E-08	4.1E-08	3.7E-08	1.7E-08	9.2E-10	5.6E-09	0.0E+00	0.0E+00	0.0E+00	0.0E+00	6.6E-09
13	UCART3	478869.28	3732495.39	478869.28	0.09624	0.05446	0.01372	0.02948	0.02456	0.01453	4.12E-05	2.38E-05	5.88E-06	4.76E-07	1.14E-07	2.93E-08	7.15E-05	2.5E-08	7.5E-08	4.3E-08	3.9E-08	1.8E-08	9.7E-10	6.0E-09	0.0E+00	0.0E+00	0.0E+00	0.0E+00	7.0E-09
14	UCART3	478919.28	3732495.39	478919.28	0.10592	0.05777	0.01406	0.03098	0.02557	0.01492	4.54E-05	2.53E-05	6.03E-06	5.00E-07	1.19E-07	3.01E-08	7.73E-05	2.7E-08	8.1E-08	4.7E-08	4.2E-08	1.9E-08	1.1E-09	6.5E-09	0.0E+00	0.0E+00	0.0E+00	0.0E+00	7.5E-09
15	UCART3	478969.28	3732495.39	478969.28	0.11567	0.06055	0.01437	0.03232	0.02642	0.01528	4.95E-05	2.65E-05	6.16E-06	5.22E-07	1.23E-07	3.08E-08	8.29E-05	2.9E-08	8.7E-08	5.0E-08	4.5E-08	2.1E-08	1.1E-09	6.9E-09	0.0E+00	0.0E+00	0.0E+00	0.0E+00	8.1E-09
16	UCART3	479019.28	3732495.39	479019.28	0.12458	0.06289	0.01462	0.03347	0.02711	0.01556	5.34E-05	2.75E-05	6.27E-06	5.41E-07	1.26E-07	3.14E-08	8.78E-05	3.0E-08	9.2E-08	5.3E-08	4.8E-08	2.2E-08	1.2E-09	7.4E-09	0.0E+00	0.0E+00	0.0E+00	0.0E+00	8.6E-09
17	UCART3	479069.28	3732495.39	479069.28	0.13109	0.06426	0.01478	0.0342	0.02748	0.01573	5.62E-05	2.81E-05	6.34E-06	5.52E-07	1.28E-07	3.17E-08	9.13E-05	3.2E-08	9.5E-08	5.5E-08	5.0E-08	2.3E-08	1.2E-09	7.6E-09	0.0E+00	0.0E+00	0.0E+00	0.0E+00	8.9E-09
18	UCART3	479119.28	3732495.39	479119.28	0.13431	0.06414	0.01486	0.03443	0.02753	0.01583	5.75E-05	2.81E-05	6.37E-06	5.56E-07	1.28E-07	3.19E-08	9.27E-05	3.2E-08	9.7E-08	5.6E-08	5.1E-08	2.3E-08	1.3E-09	7.8E-09	0.0E+00	0.0E+00	0.0E+00	0.0E+00	9.0E-09
19	UCART3	479169.28	3732495.39	479169.28	0.14124	0.06566	0.01507	0.03528	0.02803	0.01607	6.05E-05	2.87E-05	6.46E-06	5.70E-07	1.30E-07	3.24E-08	9.64E-05	3.3E-08	1.0E-07	5.8E-08	5.3E-08	2.4E-08	1.3E-09	8.1E-09	0.0E+00	0.0E+00	0.0E+00	0.0E+00	9.4E-09
20	UCART3	478269.28	3732545.39	478269.28	0.04481	0.03683	0.01151	0.02086	0.01877	0.01207	1.92E-05	1.61E-05	4.93E-06	3.37E-07	8.73E-08	2.43E-08	4.07E-05	1.4E-08	4.3E-08	2.5E-08	2.2E-08	1.0E-08	5.5E-10	3.4E-09	0.0E+00	0.0E+00	0.0E+00	0.0E+00	4.0E-09
21	UCART3	478319.28	3732545.39	478319.28	0.0473	0.03824	0.01166	0.02143	0.0192	0.01224	2.03E-05	1.67E-05	5.00E-06	3.46E-07	8.93E-08	2.47E-08	4.24E-05	1.5E-08	4.4E-08	2.6E-08	2.3E-08	1.1E-08	5.8E-10	3.6E-09	0.0E+00	0.0E+00	0.0E+00	0.0E+00	4.1E-09
22	UCART3	478369.28	3732545.39	478369.28	0.05035	0.0398	0.01185	0.02211	0.01971	0.01244	2.16E-05	1.74E-05	5.08E-06	3.57E-07	9.16E-08	2.51E-08	4.45E-05	1.5E-08	4.7E-08	2.7E-08	2.4E-08	1.1E-08	6.1E-10	3.7E-09	0.0E+00	0.0E+00	0.0E+00	0.0E+00	4.3E-09
23	UCART3	478419.28	3732545.39	478419.28	0.05407	0.04153	0.01207	0.02289	0.02028	0.01269	2.32E-05	1.82E-05	5.18E-06	3.70E-07	9.43E-08	2.56E-08	4.70E-05	1.6E-08	4.9E-08	2.8E-08	2.6E-08	1.2E-08	6.4E-10	3.9E-09	0.0E+00	0.0E+00	0.0E+00	0.0E+00	4.6E-09
24	UCART3	478469.28	3732545.39	478469.28	0.05822	0.04335	0.01228	0.0237	0.02086	0.01294	2.49E-05	1.90E-05	5.27E-06	3.83E-07	9.70E-08	2.61E-08	4.97E-05	1.7E-08	5.2E-08	3.0E-08	2.7E-08	1.2E-08	6.8E-10	4.2E-09	0.0E+00	0.0E+00	0.0E+00	0.0E+00	4.8E-09
25	UCART3	478519.28	3732545.39	478519.28	0.06272	0.0452	0.0125	0.02453	0.02144	0.01317	2.69E-05	1.98E-05	5.36E-06	3.96E-07	9.97E-08	2.65E-08	5.25E-05	1.8E-08	5.5E-08	3.2E-08	2.9E-08	1.3E-08	7.1E-10	4.4E-09	0.0E+00	0.0E+00	0.0E+00	0.0E+00	5.1E-09
26	UCART3	478569.28	3732545.39	478569.28	0.06688	0.04678	0.01267	0.02524	0.02194	0.01336	2.86E-05	2.05E-05	5.43E-06	4.08E-07	1.02E-07	2.69E-08	5.51E-05	1.9E-08	5.8E-08	3.3E-08	3.0E-08	1.4E-08	7.5E-10	4.6E-09	0.0E+00	0.0E+00	0.0E+00	0.0E+00	5.4E-09
27	UCART3	478619.28	3732545.39	478619.28	0.07161	0.04845	0.01285	0.02602	0.02246	0.01356	3.07E-05	2.12E-05	5.51E-06	4.20E-07	1.04E-07	2.73E-08	5.79E-05	2.0E-08	6.1E-08	3.5E-08	3.2E-08	1.4E-08	7.9E-10	4.9E-09	0.0E+00	0.0E+00	0.0E+00	0.0E+00	5.6E-09
28	UCART3	478669.28	3732545.39	478669.28	0.07747	0.05046	0.01307	0.02694	0.02308	0.01381	3.32E-05	2.21E-05	5.60E-06	4.35E-07	1.07E-07	2.78E-08	6.14E-05	2.1E-08	6.4E-08	3.7E-08	3.4E-08	1.5E-08	8.4E-10	5.1E-09	0.0E+00	0.0E+00	0.0E+00	0.0E+00	6.0E-09
29	UCART3	478719.28	3732545.39	478719.28	0.08342	0.05233	0.01327	0.02783	0.02365	0.01403	3.57E-05	2.29E-05	5.69E-06	4.50E-07	1.10E-07	2.83E-08	6.49E-05	2.2E-08	6.8E-08	3.9E-08	3.6E-08	1.6E-08	8.8E-10	5.4E-09	0.0E+00	0.0E+00	0.0E+00	0.0E+00	6.3E-09
30	UCART3	478769.28	3732545.39	478769.28	0.08905	0.05386	0.01342	0.02856	0.02409	0.01419	3.81E-05	2.36E-05	5.75E-06	4.61E-07	1.12E-07	2.86E-08	6.81E-05	2.4E-08	7.1E-08	4.1E-08	3.7E-08	1.7E-08	9.3E-10	5.7E-09	0.0E+00	0.0E+00	0.0E+00	0.0E+00	6.6E-09
31	UCART3	478819.28	3732545.39	478819.28	0.09568	0.05562	0.0136	0.02942	0.0246	0.01439	4.10E-05	2.43E-05	5.83E-06	4.75E-07	1.14E-07	2.90E-08	7.18E-05	2.5E-08	7.5E-08	4.3E-08	3.9E-08	1.8E-08	9.8E-10	6.0E-09	0.0E+00	0.0E+00	0.0E+00	0.0E+00	7.0E-09
32	UCART3	478869.28	3732545.39	478869.28	0.10354	0.05776	0.01382	0.03045	0.02523	0.01464	4.44E-05	2.53E-05	5.93E-06	4.92E-07	1.17E-07	2.95E-08	7.62E-05	2.6E-08	8.0E-08	4.6E-08	4.2E-08	1.9E-08	1.0E-09	6.4E-09	0.0E+00	0.0E+00	0.0E+00	0.0E+00	7.4E-09
33	UCART3	478919.28	3732545.39	478919.28	0.11459	0.06108	0.01415	0.03197	0.02622	0.01501	4.91E-05	2.67E-05	6.07E-06	5.16E-07	1.22E-07	3.03E-08	8.25E-05	2.9E-08	8.6E-08	5.0E-08	4.5E-08	2.1E-08	1.1E-09	6.9E-09	0.0E+00	0.0E+00	0.0E+00	0.0E+00	8.0E-09
34	UCART3	478969.28	3732545.39	478969.28	0.12651	0.06421	0.01445	0.03346	0.02712	0.01537	5.42E-05	2.81E-05	6.20E-06	5.41E-07	1.26E-07	3.10E-08	8.92E-05	3.1E-08	9.3E-08	5.4E-08	4.9E-08	2.2E-08	1.2E-09	7.5E-09	0.0E+00	0.0E+00	0.0E+00	0.0E+00	8.7E-09
35	UCART3	479019.28	3732545.39	479019.28	0.13798	0.06698	0.01472	0.0348	0.0279	0.01567	5.91E-05	2.93E-05	6.31E-06	5.62E-07	1.30E-07	3.16E-08	9.54E-05	3.3E-08	1.0E-07	5.8E-08	5.2E-08	2.4E-08	1.3E-09	8.0E-09	0.0E+00	0.0E+00	0.0E+00	0.0E+00	9.3E-09
36	UCART3	479069.28	3732545.39	479069.28	0.14938	0.06958	0.01496	0.03608	0.02861	0.01594	6.40E-05	3.04E-05	6.41E-06	5.83E-07	1.33E-07	3.21E-08	1.02E-04	3.5E-08	1.1E-07	6.1E-08	5.6E-08	2.5E-08	1.4E-09	8.5E-09	0.0E+00	0.0E+00	0.0E+00	0.0E+00	9.9E-09
37	UCART3	479119.28	3732545.39	479119.28	0.15707	0.0708	0.01509	0.0368	0.02891	0.01608	6.73E-05	3.10E-05	6.47E-06	5.94E-07	1.34E-07	3.24E-08	1.05E-04	3.7E-08	1.1E-07	6.4E-08	5.8E-08	2.6E-08	1.4E-09	8.8E-09	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.0E-08
38	UCART3	479169.28	3732545.39	479169.28	0.16721	0.07241	0.0153	0.03781	0.02941	0.01632	7.16E-05	3.17E-05	6.56E-06	6.11E-07	1.37E-07	3.29E-08	1.11E-04	3.8E-08	1.2E-07	6.7E-08	6.1E-08	2.8E-08	1.5E-09	9.3E-09	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.1E-08
39	UCART3	478269.28	3732595.39	478269.28	0.04525	0.03746	0.01155	0.02105	0.01894	0.01211	1.94E-05	1.64E-05	4.95E-06	3.40E-07	8.80E-08	2.44E-08	4.12E-05	1.4E-08	4.3E-08	2.5E-08	2.3E-08	1.0E-08	5.6E-10	3.4E-09	0.0E+00	0.0E+00	0.0E+00	0.0E+00	4.0E-09
40	UCART3	478319.28	3732595.39	478319.28	0.04791	0.03906	0.01172	0.02168	0.01943	0.0123	2.05E-05	1.71E-05	5.03E-06	3.50E-07	9.03E-08	2.48E-08	4.31E-05	1.5E-08	4.5E-08	2.6E-08	2.4E-08	1.1E-08	5.9E-10	3.6E-09	0.0E+00	0.0E+00	0.0E+00	0.0E+00	4.2E-09
41	UCART3	478369.28	3732595.39	478369.28	0.05128	0.04087	0.01192	0.02243	0.01999	0.01253	2.20E-05	1.79E-05	5.11E-06	3.62E-07	9.29E-08	2.53E-08	4.54E-05	1.6E-08	4.7E-08	2.7E-08	2.5E-08	1.1E-08	6.2E-10	3.8E-09	0.0E+00	0.0E+00	0.0E+00	0.0E+00	4.4E-09
42	UCART3	478419.28	3732595.39	478419.28	0.05505	0.04276	0.01212	0.02321	0.02056	0.01276	2.36E-05	1.87E-05	5.20E-06	3.75E-07	9.56E-08	2.57E-08	4.80E-05	1.7E-08	5.0E-08	2.9E-08	2.6E-08	1.2E-08	6.5E-10	4.0E-09	0.0E+00	0.0E+00	0.0E+00	0.0E+00	4.7E-09
43	UCART3	478469.28	3732595.39	478469.28	0.0593	0.04472	0.01233	0.02403	0.02115	0.01299	2.54E-05	1.96E-05	5.29E-06	3.88E-07	9.83E-08	2.62E-08	5.08E-05	1.8E-08	5.3E-08	3.1E-08	2.8E-08	1.3E-08	6.9E-10	4.3E-09	0.0E+00	0.0E+00	0.0E+00	0.0E+00	4.9E-09
44	UCART3	478519.28	3732595.39	478519.28	0.06434	0.04686	0.01257	0.02495	0.0218	0.01324	2.76E-05	2.05E-05	5.39E-06	4.03E-07	1.01E-07	2.67E-08	5.40E-05	1.9E-08	5.6E-08	3.3E-08	3.0E-08	1.4E-08	7.3E-10	4.5E-09	0.0E+00	0.0E+00	0.0E+00	0.0E+00	5.3E-09
45	UCART3	478569.28	3732595.39	478569.28	0.06938	0.04889	0.01277	0.02581	0.0224	0.01347	2.97E-05	2.14E-05	5.48E-06	4.17E-07	1.04E-07	2.72E-08	5.71E-05	2.0E-08	6.0E-08	3.5E-08	3.1E-08	1.4E-08	7.8E-10	4.8E-09	0.0E+00	0.0E+00	0.0E+00	0.0E+00	5.6E-09
46	UCART3	478619.28	3732595.39	478619.28	0.07406	0.05065	0.01292	0.02655	0.0229	0.01365	3.17E-05	2.22E-05	5.54E-06	4.29E-07	1.06E-07	2.75E-08	6.00E-05	2.1E-08	6.3E-08	3.6E-08	3.3E-08	1.5E-08	8.2E-10	5.0E-09	0.0E+00	0.0E+00	0.0E+00	0.0E+00	5.8E-09
47	UCART3	478669.28	3732595.39	478669.28	0.08047	0.05286	0.01314	0.02753	0.02354	0.01389	3.45E-05	2.31E-05	5.63E-06	4.45E-07	1.09E-07	2.80E-08	6.38E-05	2.2E-08	6.7E-08	3.9E-08	3.5E-08	1.6E-08	8.7E-10	5.3E-09	0.0E+00	0.0E+00	0.0E+00	0.0E+00	6.2E-09
48	UCART3	478719.28	3732595.39	478719.28	0.0873	0.05502	0.01335	0.02849	0.02417	0.01412	3.74E-05	2.41E-05	5.72E-06	4.60E-07	1.12E-07	2.85E-08	6.78E-05	2.3E-08	7.1E-08	4.1E-08	3.7E-08	1.7E-08	9.2E-10	5.7E-09	0.0E+00	0.0E+00	0.0E+00	0.0E+00	6.6E-09
49	UCART3	478769.28	3732595.39	478769.28	0.09395	0.05685	0.01352	0.02935	0.0247	0.0143	4.02E-05	2.49E-05	5.80E-06	4.74E-07	1.15E-07	2.88E-08	7.15E-05	2.5E-08	7.5E-08	4.3E-08	3.9E-08	1.8E-08	9.7E-10	6.0E-09	0.0E+00	0.0E+00	0.0E+00	0.0E+00	7.0E-09
50	UCART3	478819.28	3732595.39	478819.28	0.10186	0.05895	0.0137	0.03032	0.02528	0.01451	4.36E-05	2.58E-05	5.87E-06	4.90E-07	1.18E-07	2.92E-08	7.59E-05	2.6E-08	7.9E-08	4.6E-08	4.2E-08	1.9E-08	1.0E-09	6.4E-09	0.0E+00	0.0E+00	0.0E+00	0.0E+00	7.4E-09
51	UCART3	478869.28	3732595.39	478869.28	0.1119	0.06165	0.01395	0.03157	0.02603	0.01479	4.79E-05	2.70E-05	5.98E-06	5.10E-07	1.21E-07	2.98E-08	8.15E-05	2.8E-08	8.5E-08	4.9E-08	4.5E-08	2.0E-08	1.1E-09	6.8E-09	0.0E+00	0.0E+00	0.0E+00	0.0E+00	7.9E-09
52	UCART3	478919.28	3732595.39	478919.28	0.12501	0.06511	0.01426	0.03314	0.02699	0.01515	5.35E-05	2.85E-05	6.11E-06	5.35E-07	1.25E-07	3.05E-08	8.88E-05	3.1E-08	9.3E-08	5.4E-08	4.9E-08	2.2E-08	1.2E-09	7.4E-09	0.0E+00	0.0E+00	0.0E+00	0.0E+00	8.6E-09
53	UCART3	478969.28	3732595.39	478969.28	0.13827	0.06826	0.01453	0.0346	0.02783	0.01545	5.92E-05	2.99E-05	6.23E-06	5.59E-07	1.29E-07	3.11E-08	9.60E-05	3.3E-08	1.0E-07	5.8E-08	5.3E-08	2.4E-08	1.3E-09	8.0E-09	0.0E+00	0.0E+00	0.0E+00	0.0E+00	9.4E-09
54	UCART3	479019.28	3732595.39	479019.28	0.153	0.07155	0.01481	0.03615	0.0287	0.01576	6.55E-05	3.13E-05	6.35E-06	5.84E-07	1.33E-07	3.18E-08	1.04E-04	3.6E-08	1.1E-07	6.3E-08	5.7E-08	2.6E-08	1.4E-09	8.7E-09	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.0E-08
55	UCART3	479069.28	3732595.39	479069.28	0.16885	0.07483	0.01508	0.03773	0.02955	0.01607	7.23E-05	3.27E-05	6.47E-06	6.10E-07	1.37E-07	3.24E-08	1.12E-04	3.9E-08	1.2E-07	6.8E-08	6.2E-08	2.8E-08	1.5E-09	9.4E-09	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.1E-08
56	UCART3	479119.28	3732595.39	479119.28	0.18528	0.07798	0.01534	0.03933	0.03039	0.01637	7.94E-05	3.41E-05	6.58E-06	6.35E-07	1.41E-07	3.30E-08	1.21E-04	4.2E-08	1.3E-07	7.3E-08	6.6E-08	3.0E-08	1.6E-09	1.0E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.2E-08
57	UCART3	479169.28	3732595.39	479169.28	0.20255	0.0815	0.01564	0.04098	0.0312	0.01666	8.67E-05	3.55E-05	6.69E-06	6.61E-07	1.45E-07	3.36E-08	1.30E-04	4.5E-08	1.4E-07	7.8E-08	7.1E-08	3.2E-08	1.8E-09	1.1E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.3E-08
58	UCART3	478269.28	3732645.39	478269.28	0.04591	0.0381	0.01161	0.02128	0.01914	0.01218	1.97E-05	1.67E-05	4.98E-06	3.44E-07	8.90E-08	2.46E-08	4.18E-05	1.4E-08	4.4E-08	2.5E-08	2.3E-08	1.0E-08	5.7E-10	3.5E-09	0.0E+00	0.0E+00	0.0E+00	0.0E+00	4.1E-09
59	UCART3	478319.28	3732645.39	478319.28	0.04915	0.04004	0.01181	0.02203	0.01972	0.01241	2.11E-05	1.75E-05	5.06E-06	3.56E-07	9.17E-08	2.50E-08	4.41E-05	1.5E-08	4.6E-08	2.7E-08	2.4E-08	1.1E-08	6.0E-10	3.7E-09	0.0E+00	0.0E+00	0.0E+00	0.0E+00	4.3E-09
60	UCART3	478369.28	3732645.39	478369.28	0.05238	0.04191	0.01199	0.02275	0.02026	0.01261	2.24E-05	1.83E-05	5.14E-06	3.68E-07	9.42E-08	2.54E-08	4.64E-05	1.6E-08	4.8E-08	2.8E-08	2.5E-08	1.2E-08	6.3E-10	3.9E-09	0.0E+00	0.0E+00	0.0E+00	0.0E+00	4.5E-09
61	UCART3	478419.28	3732645.39	478419.28	0.05603	0.04389	0.01218	0.02352	0.02083	0.01282	2.40E-05	1.92E-05	5.22E-06	3.80E-07	9.68E-08	2.58E-08	4.89E-05	1.7E-08	5.1E-08	3.0E-08	2.7E-08	1.2E-08	6.7E-10	4.1E-09	0.0E+00	0.0E+00	0.0E+00	0.0E+00	4.8E-09
62	UCART3	478469.28	3732645.39	478469.28	0.06033	0.04603	0.01239	0.02436	0.02144	0.01304	2.58E-05	2.01E-05	5.31E-06	3.94E-07	9.97E-08	2.63E-08	5.18E-05	1.8E-08	5.4E-08	3.1E-08	2.8E-08	1.3E-08	7.0E-10	4.3E-09	0.0E+00	0.0E+00	0.0E+00	0.0E+00	5.0E-09
63	UCART3	478519.28	3732645.39	478519.28	0.06603	0.04848	0.01264	0.02538	0.02216	0.01332	2.83E-05	2.12E-05	5.42E-06	4.10E-07	1.03E-07	2.69E-08	5.54E-05	1.9E-08	5.8E-08	3.4E-08	3.0E-08

132	UCART3	478819.28	3732795.39	478819.28	0.12684	0.07514	0.01415	0.03408	0.02813	0.01499	5.43E-05	3.29E-05	6.07E-06	5.51E-07	1.31E-07	3.02E-08	9.40E-05	3.3E-08	9.8E-08	5.7E-08	5.2E-08	2.4E-08	1.3E-09	7.9E-09	0.0E+00	0.0E+00	0.0E+00	9.2E-09
133	UCART3	478869.28	3732795.39	478869.28	0.14496	0.08006	0.01441	0.03584	0.02916	0.01528	6.21E-05	3.50E-05	6.18E-06	5.79E-07	1.36E-07	3.08E-08	1.04E-04	3.6E-08	1.1E-07	6.3E-08	5.7E-08	2.6E-08	1.4E-09	8.7E-09	0.0E+00	0.0E+00	0.0E+00	1.0E-08
134	UCART3	478919.28	3732795.39	478919.28	0.16675	0.08515	0.01467	0.03769	0.03021	0.01556	7.14E-05	3.72E-05	6.29E-06	6.09E-07	1.40E-07	3.14E-08	1.16E-04	4.0E-08	1.2E-07	7.0E-08	6.3E-08	2.9E-08	1.6E-09	9.7E-09	0.0E+00	0.0E+00	0.0E+00	1.1E-08
135	UCART3	478969.28	3732795.39	478969.28	0.19381	0.09055	0.01493	0.03973	0.0313	0.01585	8.30E-05	3.96E-05	6.40E-06	6.42E-07	1.45E-07	3.20E-08	1.30E-04	4.5E-08	1.4E-07	7.9E-08	7.1E-08	3.2E-08	1.8E-09	1.1E-08	0.0E+00	0.0E+00	0.0E+00	1.3E-08
136	UCART3	479019.28	3732795.39	479019.28	0.22782	0.09631	0.01519	0.04199	0.03244	0.01616	9.76E-05	4.21E-05	6.51E-06	6.78E-07	1.51E-07	3.26E-08	1.47E-04	5.1E-08	1.5E-07	8.9E-08	8.1E-08	3.7E-08	2.0E-09	1.2E-08	0.0E+00	0.0E+00	0.0E+00	1.4E-08
137	UCART3	479069.28	3732795.39	479069.28	0.27088	0.10246	0.01547	0.04452	0.03364	0.01647	1.16E-04	4.48E-05	6.63E-06	7.19E-07	1.56E-07	3.32E-08	1.68E-04	5.8E-08	1.8E-07	1.0E-07	9.2E-08	4.2E-08	2.3E-09	1.4E-08	0.0E+00	0.0E+00	0.0E+00	1.6E-08
138	UCART3	479119.28	3732795.39	479119.28	0.3262	0.10914	0.01576	0.0474	0.03493	0.0168	1.40E-04	4.77E-05	6.76E-06	7.66E-07	1.62E-07	3.39E-08	1.95E-04	6.8E-08	2.0E-07	1.2E-07	1.1E-07	4.9E-08	2.7E-09	1.6E-08	0.0E+00	0.0E+00	0.0E+00	1.9E-08
139	UCART3	479169.28	3732795.39	479169.28	0.39654	0.1163	0.01607	0.05067	0.03628	0.01715	1.70E-04	5.09E-05	6.89E-06	8.19E-07	1.69E-07	3.46E-08	2.29E-04	7.9E-08	2.4E-07	1.4E-07	1.3E-07	5.7E-08	3.1E-09	1.9E-08	0.0E+00	0.0E+00	0.0E+00	2.2E-08
140	UCART3	479219.28	3732795.39	479219.28	0.48818	0.12432	0.01641	0.05457	0.03777	0.01754	2.09E-04	5.44E-05	7.04E-06	8.82E-07	1.76E-07	3.54E-08	2.72E-04	9.4E-08	2.8E-07	1.6E-07	1.5E-07	6.8E-08	3.7E-09	2.3E-08	0.0E+00	0.0E+00	0.0E+00	2.6E-08
141	UCART3	479269.28	3732795.39	479269.28	0.59812	0.13232	0.01674	0.05888	0.03926	0.01791	2.56E-04	5.79E-05	7.18E-06	9.51E-07	1.82E-07	3.61E-08	3.22E-04	1.1E-07	3.4E-07	2.0E-07	1.8E-07	8.1E-08	4.4E-09	2.7E-08	0.0E+00	0.0E+00	0.0E+00	3.1E-08
142	UCART3	478269.28	3732845.39	478269.28	0.04992	0.04107	0.01193	0.02241	0.02004	0.01252	2.14E-05	1.80E-05	5.12E-06	3.62E-07	9.32E-08	2.52E-08	4.49E-05	1.6E-08	4.7E-08	2.7E-08	2.5E-08	1.1E-08	6.1E-10	3.8E-09	0.0E+00	0.0E+00	0.0E+00	4.4E-09
143	UCART3	478319.28	3732845.39	478319.28	0.05252	0.04289	0.01208	0.02305	0.02055	0.01268	2.25E-05	1.88E-05	5.18E-06	3.72E-07	9.55E-08	2.56E-08	4.69E-05	1.6E-08	4.9E-08	2.8E-08	2.6E-08	1.2E-08	6.4E-10	3.9E-09	0.0E+00	0.0E+00	0.0E+00	4.6E-09
144	UCART3	478369.28	3732845.39	478369.28	0.0567	0.04552	0.01231	0.02399	0.02126	0.01293	2.43E-05	1.99E-05	5.28E-06	3.88E-07	9.88E-08	2.61E-08	5.00E-05	1.7E-08	5.2E-08	3.0E-08	2.7E-08	1.3E-08	6.8E-10	4.2E-09	0.0E+00	0.0E+00	0.0E+00	4.9E-09
145	UCART3	478419.28	3732845.39	478419.28	0.06084	0.04812	0.01251	0.02488	0.02194	0.01315	2.61E-05	2.10E-05	5.36E-06	4.02E-07	1.02E-07	2.65E-08	5.30E-05	1.8E-08	5.5E-08	3.2E-08	2.9E-08	1.3E-08	7.2E-10	4.4E-09	0.0E+00	0.0E+00	0.0E+00	5.2E-09
146	UCART3	478469.28	3732845.39	478469.28	0.06553	0.05093	0.01271	0.02583	0.02265	0.01337	2.81E-05	2.23E-05	5.45E-06	4.17E-07	1.05E-07	2.70E-08	5.63E-05	2.0E-08	5.9E-08	3.4E-08	3.1E-08	1.4E-08	7.7E-10	4.7E-09	0.0E+00	0.0E+00	0.0E+00	5.5E-09
147	UCART3	478519.28	3732845.39	478519.28	0.07053	0.05378	0.01288	0.02676	0.02333	0.01357	3.02E-05	2.35E-05	5.52E-06	4.32E-07	1.08E-07	2.74E-08	5.98E-05	2.1E-08	6.3E-08	3.6E-08	3.3E-08	1.5E-08	8.1E-10	5.0E-09	0.0E+00	0.0E+00	0.0E+00	5.8E-09
148	UCART3	478569.28	3732845.39	478569.28	0.07634	0.05699	0.01307	0.02778	0.02408	0.01378	3.27E-05	2.49E-05	5.60E-06	4.49E-07	1.12E-07	2.78E-08	6.38E-05	2.2E-08	6.7E-08	3.9E-08	3.5E-08	1.6E-08	8.7E-10	5.3E-09	0.0E+00	0.0E+00	0.0E+00	6.2E-09
149	UCART3	478619.28	3732845.39	478619.28	0.0834	0.06061	0.01328	0.02893	0.0249	0.01401	3.57E-05	2.65E-05	5.69E-06	4.67E-07	1.16E-07	2.82E-08	6.85E-05	2.4E-08	7.2E-08	4.1E-08	3.8E-08	1.7E-08	9.3E-10	5.7E-09	0.0E+00	0.0E+00	0.0E+00	6.7E-09
150	UCART3	478669.28	3732845.39	478669.28	0.09169	0.06454	0.01349	0.03017	0.02575	0.01425	3.93E-05	2.82E-05	5.78E-06	4.87E-07	1.20E-07	2.87E-08	7.39E-05	2.6E-08	7.7E-08	4.5E-08	4.1E-08	1.9E-08	1.0E-09	6.2E-09	0.0E+00	0.0E+00	0.0E+00	7.2E-09
151	UCART3	478719.28	3732845.39	478719.28	0.10189	0.0689	0.01372	0.03155	0.02668	0.0145	4.36E-05	3.01E-05	5.88E-06	5.10E-07	1.24E-07	2.92E-08	8.03E-05	2.8E-08	8.4E-08	4.9E-08	4.4E-08	2.0E-08	1.1E-09	6.7E-09	0.0E+00	0.0E+00	0.0E+00	7.8E-09
152	UCART3	478769.28	3732845.39	478769.28	0.11549	0.07395	0.01399	0.0332	0.02774	0.0148	4.95E-05	3.23E-05	6.00E-06	5.36E-07	1.29E-07	2.98E-08	8.85E-05	3.1E-08	9.3E-08	5.4E-08	4.9E-08	2.2E-08	1.2E-09	7.4E-09	0.0E+00	0.0E+00	0.0E+00	8.6E-09
153	UCART3	478819.28	3732845.39	478819.28	0.13165	0.07933	0.01428	0.03494	0.02882	0.01509	5.64E-05	3.47E-05	6.11E-06	5.64E-07	1.34E-07	3.04E-08	9.79E-05	3.4E-08	1.0E-07	5.9E-08	5.4E-08	2.5E-08	1.3E-09	8.2E-09	0.0E+00	0.0E+00	0.0E+00	9.5E-09
154	UCART3	478869.28	3732845.39	478869.28	0.1511	0.08499	0.01451	0.03679	0.02992	0.01538	6.47E-05	3.72E-05	6.22E-06	5.94E-07	1.39E-07	3.10E-08	1.09E-04	3.8E-08	1.1E-07	6.6E-08	6.0E-08	2.7E-08	1.5E-09	9.1E-09	0.0E+00	0.0E+00	0.0E+00	1.1E-08
155	UCART3	478919.28	3732845.39	478919.28	0.17467	0.09085	0.01475	0.03872	0.03102	0.01564	7.48E-05	3.97E-05	6.32E-06	6.26E-07	1.44E-07	3.15E-08	1.22E-04	4.2E-08	1.3E-07	7.4E-08	6.7E-08	3.0E-08	1.7E-09	1.0E-08	0.0E+00	0.0E+00	0.0E+00	1.2E-08
156	UCART3	478969.28	3732845.39	478969.28	0.20493	0.09714	0.01499	0.04088	0.03218	0.01593	8.78E-05	4.25E-05	6.43E-06	6.60E-07	1.50E-07	3.21E-08	1.38E-04	4.8E-08	1.4E-07	8.3E-08	7.5E-08	3.4E-08	1.9E-09	1.2E-08	0.0E+00	0.0E+00	0.0E+00	1.3E-08
157	UCART3	479019.28	3732845.39	479019.28	0.24513	0.10404	0.01526	0.04336	0.03344	0.01623	1.05E-04	4.55E-05	6.54E-06	7.00E-07	1.55E-07	3.27E-08	1.58E-04	5.5E-08	1.7E-07	9.6E-08	8.7E-08	4.0E-08	2.1E-09	1.3E-08	0.0E+00	0.0E+00	0.0E+00	1.5E-08
158	UCART3	479069.28	3732845.39	479069.28	0.29792	0.11136	0.01554	0.04613	0.03475	0.01654	1.28E-04	4.87E-05	6.66E-06	7.45E-07	1.62E-07	3.33E-08	1.84E-04	6.4E-08	1.9E-07	1.1E-07	1.0E-07	4.6E-08	2.5E-09	1.5E-08	0.0E+00	0.0E+00	0.0E+00	1.8E-08
159	UCART3	479119.28	3732845.39	479119.28	0.36924	0.11931	0.01583	0.04931	0.03615	0.01687	1.58E-04	5.22E-05	6.79E-06	7.97E-07	1.68E-07	3.40E-08	2.18E-04	7.6E-08	2.3E-07	1.3E-07	1.2E-07	5.5E-08	3.0E-09	1.8E-08	0.0E+00	0.0E+00	0.0E+00	2.1E-08
160	UCART3	479169.28	3732845.39	479169.28	0.47187	0.12866	0.01617	0.05325	0.03776	0.01726	2.02E-04	5.63E-05	6.93E-06	8.60E-07	1.76E-07	3.48E-08	2.66E-04	9.2E-08	2.8E-07	1.6E-07	1.5E-07	6.7E-08	3.6E-09	2.2E-08	0.0E+00	0.0E+00	0.0E+00	2.6E-08
161	UCART3	479219.28	3732845.39	479219.28	0.61235	0.13864	0.01652	0.05781	0.03945	0.01765	2.62E-04	6.06E-05	7.08E-06	9.34E-07	1.83E-07	3.56E-08	3.31E-04	1.1E-07	3.5E-07	2.0E-07	1.8E-07	8.3E-08	4.5E-09	2.8E-08	0.0E+00	0.0E+00	0.0E+00	3.2E-08
162	UCART3	479269.28	3732845.39	479269.28	0.79661	0.14865	0.01685	0.06296	0.04114	0.01803	3.41E-04	6.50E-05	7.22E-06	1.02E-06	1.91E-07	3.63E-08	4.15E-04	1.4E-07	4.3E-07	2.5E-07	2.3E-07	1.0E-07	5.6E-09	3.5E-08	0.0E+00	0.0E+00	0.0E+00	4.0E-08
163	UCART3	478269.28	3732995.39	478269.28	0.05059	0.04363	0.01223	0.02324	0.02083	0.0128	2.17E-05	1.91E-05	5.24E-06	3.75E-07	9.68E-08	2.58E-08	4.65E-05	1.6E-08	4.9E-08	2.8E-08	2.6E-08	1.2E-08	6.3E-10	3.9E-09	0.0E+00	0.0E+00	0.0E+00	4.5E-09
164	UCART3	478319.28	3732995.39	478319.28	0.05382	0.04557	0.01235	0.0239	0.02131	0.01294	2.31E-05	1.99E-05	5.30E-06	3.86E-07	9.91E-08	2.61E-08	4.88E-05	1.7E-08	5.1E-08	3.0E-08	2.7E-08	1.2E-08	6.6E-10	4.1E-09	0.0E+00	0.0E+00	0.0E+00	4.8E-09
165	UCART3	478369.28	3732995.39	478369.28	0.05746	0.0481	0.01253	0.02475	0.02197	0.01314	2.46E-05	2.10E-05	5.37E-06	4.00E-07	1.02E-07	2.65E-08	5.16E-05	1.8E-08	5.4E-08	3.1E-08	2.8E-08	1.3E-08	7.0E-10	4.3E-09	0.0E+00	0.0E+00	0.0E+00	5.0E-09
166	UCART3	478419.28	3732995.39	478419.28	0.06159	0.0508	0.01271	0.02563	0.02264	0.01334	2.64E-05	2.22E-05	5.45E-06	4.14E-07	1.05E-07	2.69E-08	5.46E-05	1.9E-08	5.7E-08	3.3E-08	3.0E-08	1.4E-08	7.4E-10	4.6E-09	0.0E+00	0.0E+00	0.0E+00	5.3E-09
167	UCART3	478469.28	3732995.39	478469.28	0.06629	0.05371	0.01288	0.02657	0.02334	0.01354	2.84E-05	2.35E-05	5.52E-06	4.29E-07	1.08E-07	2.73E-08	5.80E-05	2.0E-08	6.1E-08	3.5E-08	3.2E-08	1.5E-08	7.9E-10	4.9E-09	0.0E+00	0.0E+00	0.0E+00	5.6E-09
168	UCART3	478519.28	3732995.39	478519.28	0.07167	0.05696	0.01306	0.02759	0.02409	0.01375	3.07E-05	2.49E-05	5.60E-06	4.46E-07	1.12E-07	2.77E-08	6.18E-05	2.1E-08	6.5E-08	3.7E-08	3.4E-08	1.5E-08	8.4E-10	5.2E-09	0.0E+00	0.0E+00	0.0E+00	6.0E-09
169	UCART3	478569.28	3732995.39	478569.28	0.07805	0.06086	0.01327	0.02877	0.02496	0.01398	3.34E-05	2.66E-05	5.69E-06	4.65E-07	1.16E-07	2.82E-08	6.64E-05	2.3E-08	6.9E-08	4.0E-08	3.6E-08	1.7E-08	9.0E-10	5.6E-09	0.0E+00	0.0E+00	0.0E+00	6.5E-09
170	UCART3	478619.28	3732995.39	478619.28	0.08578	0.06552	0.01351	0.03013	0.02596	0.01424	3.67E-05	2.87E-05	5.79E-06	4.87E-07	1.21E-07	2.87E-08	7.18E-05	2.5E-08	7.5E-08	4.3E-08	3.9E-08	1.8E-08	9.8E-10	6.0E-09	0.0E+00	0.0E+00	0.0E+00	7.0E-09
171	UCART3	478669.28	3732995.39	478669.28	0.09506	0.0709	0.01377	0.03164	0.02705	0.01452	4.07E-05	3.10E-05	5.90E-06	5.11E-07	1.26E-07	2.93E-08	7.83E-05	2.7E-08	8.2E-08	4.7E-08	4.3E-08	2.0E-08	1.1E-09	6.6E-09	0.0E+00	0.0E+00	0.0E+00	7.6E-09
172	UCART3	478719.28	3732995.39	478719.28	0.10633	0.07701	0.01403	0.03332	0.02823	0.01481	4.55E-05	3.37E-05	6.02E-06	5.38E-07	1.31E-07	2.99E-08	8.59E-05	3.0E-08	9.0E-08	5.2E-08	4.7E-08	2.2E-08	1.2E-09	7.2E-09	0.0E+00	0.0E+00	0.0E+00	8.4E-09
173	UCART3	478969.28	3732995.39	478969.28	0.22893	0.12064	0.01534	0.04465	0.03528	0.01627	9.81E-05	5.28E-05	6.58E-06	7.21E-07	1.64E-07	3.28E-08	1.58E-04	5.5E-08	1.7E-07	9.6E-08	8.7E-08	4.0E-08	2.2E-09	1.3E-08	0.0E+00	0.0E+00	0.0E+00	1.5E-08
174	UCART3	479019.28	3732995.39	479019.28	0.285	0.13324	0.01562	0.0479	0.03704	0.01659	1.22E-04	5.83E-05	6.70E-06	7.74E-07	1.72E-07	3.34E-08	1.88E-04	6.5E-08	2.0E-07	1.1E-07	1.0E-07	4.7E-08	2.6E-09	1.6E-08	0.0E+00	0.0E+00	0.0E+00	1.8E-08
175	UCART3	479069.28	3732995.39	479069.28	0.36665	0.14717	0.0159	0.05159	0.03889	0.01691	1.57E-04	6.44E-05	6.82E-06	8.33E-07	1.81E-07	3.41E-08	2.29E-04	7.9E-08	2.4E-07	1.4E-07	1.3E-07	5.7E-08	3.1E-09	1.9E-08	0.0E+00	0.0E+00	0.0E+00	2.2E-08
176	UCART3	479119.28	3732995.39	479119.28	0.49688	0.16363	0.01622	0.05612	0.041	0.01727	2.13E-04	7.16E-05	6.95E-06	9.07E-07	1.91E-07	3.48E-08	2.93E-04	1.0E-07	3.1E-07	1.8E-07	1.6E-07	7.3E-08	4.0E-09	2.5E-08	0.0E+00	0.0E+00	0.0E+00	2.8E-08
177	UCART3	479169.28	3732995.39	479169.28	0.71842	0.18238	0.01657	0.06149	0.04333	0.01767	3.08E-04	7.98E-05	7.10E-06	9.95E-07	2.01E-07	3.56E-08	3.96E-04	1.4E-07	4.1E-07	2.4E-07	2.2E-07	9.9E-08	5.4E-09	3.3E-08	0.0E+00	0.0E+00	0.0E+00	3.8E-08
178	UCART3	479219.28	3732995.39	479219.28	1.13814	0.20327	0.01693	0.06824	0.04584	0.01807	4.88E-04	8.89E-05	7.26E-06	1.10E-06	2.13E-07	3.64E-08	5.85E-04	2.0E-07	6.1E-07	3.5E-07	3.2E-07	1.5E-07	8.0E-09	4.9E-08	0.0E+00	0.0E+00	0.0E+00	5.7E-08
179	UCART3	479269.28	3732995.39	479269.28	2.11742	0.2257	0.01729	0.07639	0.04846	0.01847	9.07E-04	9.87E-05	7.41E-06	1.23E-06	2.25E-07	3.72E-08	1.01E-03	3.5E-07	1.1E-06	6.1E-07	5.6E-07	2.5E-07	1.4E-08	8.5E-08	0.0E+00	0.0E+00	0.0E+00	9.9E-08
180	UCART3	478269.28	3733045.39	478269.28	0.05043	0.04397	0.01226	0.02336	0.02096	0.01283	2.16E-05	1.92E-05	5.26E-06	3.77E-07	9.74E-08	2.59E-08	4.66E-05	1.6E-08	4.9E-08	2.8E-08	2.6E-08	1.2E-08	6.3E-10	3.9E-09	0.0E+00	0.0E+00	0.0E+00	4.5E-09
181	UCART3	478319.28	3733045.39	478319.28	0.05366	0.04616	0.01241	0.0241	0.02152	0.01301	2.30E-05	2.02E-05	5.32E-06	3.89E-07	1.00E-07	2.62E-08	4.90E-05	1.7E-08	5.1E-08	3.0E-08	2.7E-08	1.2E-08	6.7E-10	4.1E-09	0.0E+00	0.0E+00	0.0E+00	4.8E-09
182	UCART3	478369.28	3733045.39	478369.28	0.05728	0.04854	0.01257	0.0249	0.02213	0.01319	2.45E-05	2.12E-05	5.39E-06	4.02E-07	1.03E-07	2.66E-08	5.17E-05	1.8E-08	5.4E-08	3.1E-08	2.8E-08	1.3E-08	7.0E-10	4.3E-09	0.0E+00	0.0E+00	0.0E+00	5.0E-09
183	UCART3	478419.28	3733045.39	478419.28	0.06137	0.05121	0.01273	0.02575	0.02276	0.01337	2.63E-05	2.24E-05	5.46E-06	4.16E-07	1.06E-07	2.70E-08	5.47E-05	1.9E-08	5.7E-08	3.3E-08	3.0E-08	1.4E-08	7.4E-10	4.6E-09	0.0E+00	0.0E+00	0.0E+00	5.3E-09
184	UCART3	478469.28	3733045.39	478469.28	0.06601	0.05409	0.0129	0.02667	0.02345	0.01356	2.83E-05	2.37E-05	5.53E-06	4.31E-07	1.09E-07	2.73E-08	5.80E-05	2.0E-08	6.1E-08	3.5E-08	3.2E-08	1.5E-08	7.9E-10	4.9E-09	0.0E+00	0.0E+00	0.0E+00	5.7E-09
185	UCART3	478519.28	3733045.39	478519.28	0.07136	0.05747	0.01309	0.02771	0.02423	0.01377	3.06E-05	2.51E-05	5.61E-06	4.48E-07	1.13E-07	2.78E-08	6.19E-05	2.1E-08	6.5E-08	3.7E-08	3.4E-08	1.5E-08	8.4E-10	5.2E-09	0.0E+00	0.0E+00	0.0E+00	6.0E-09
186	UCART3	478569.28	3733045.39	478569.28	0.07771	0.06154	0.0133	0.02892	0.02513	0.01401	3.33E-05	2.69E-05	5.70E-06	4.67E-07	1.17E-07	2.82E-08	6.65E-05	2.3E-08	7.0E-08	4.0E-08	3.6E-08	1.7E-08	9.0E-10	5.6E-09	0.0E+00	0.0E+00	0.0E+00	6.5E-09
187	UCART3	478619.28	3733045.39	478619.28	0.08538	0.06644	0.01354	0.03032	0.02617	0.01427	3.66E-05	2.91E-05	5.81E-06	4.90E-07	1.22E-07	2.88E-08	7.21E-05	2.5E-08	7.5E-08	4.4E-08	4.0E-08	1.8E-08	9.8E-10	6.0E-09	0.0E+00	0.0E+00	0.0E+00	7.0E-09
188	UCART3	478669.28	3733045.39	478669.28	0.09462	0.07215	0.01383	0.03191	0.02733	0.01456	4.05E-05	3.16E-05	5.92E-06	5.15E-07	1.27E-07	2.94E-08	7.87E-05	2.7E-08	8.2E-08	4.8E-08	4.3E-08	2.0E-08	1.1E-09	6.6E-09	0.0E+00	0.0E+00	0.0E+00	7.7E-09
189	UCART3	478719.28	3733045.39	478719.28	0.10579	0.07876	0.01408	0.03365	0.02857	0.01486	4.53E-05	3.45E-05	6.04E-06	5.44E-07	1.33E-07	3.00E-08	8.65E-05	3.0E-08	9.0E-08	5.2E-08	4.7E-08	2.2E-08	1.2E-09	7.2E-09	0.0E+00	0.0E+00	0.0E+00	8.4E-09
190	UCART3	478769.28	3733045.39	478769.28	0.11955	0.0861	0.01435	0.03556	0.0299	0.01515	5.12E-05	3.77E-05	6.15E-06	5.74E-07	1.39E-07	3.05E-08	9.58E-05	3.3E-08	1.0E-07	5.8E-08	5.3E-08	2.4E-08	1.3E-09	8.0E-09	0.0E+00	0.0E+00	0.0E+00	9.3E-09
191	UCART3	478819.28	3733045.39	478819.28	0.1369	0.09467	0.01464	0.0377	0.03136	0.01547	5.86E-05	4.14E-05	6.28E-06	6.09E-07	1.46E-07	3.12E-08	1.07E-04	3.7E-08	1.1E-07	6.5E-08	5.9E-08	2.7E-08	1.5E-09	9.0E-09	0.0E+00	0.0E+00	0.0E+00	1.0E-08
192	UCART3	478869.28	3733045.39	478869.28	0.22835	0.12785	0.01541	0.04556	0.03618	0.01634	9.78E-05	5.59E-05	6.61E-06	7.36E-07	1.68E-07	3.29E-08	1.61E-04	5.6E-08	1.7E-07	9.8E-08	8.8E-08	4.0E-08	2.2E-09	1.4E-08	0.0E+00	0.0E+00	0.0E+00	1.6E-08
193	UCART3	478919.28	3733045.39	479019.28	0.28501	0.14268	0.01568	0.04899	0.0381	0.01665	1.22E-04	6.24E-05	6.72E-06	7.91E-07	1.77E-07	3.36E-08	1.92E-04	6.7E-08	2.0E-07	1.2E-07	1.1E-07	4.8E-08	2.6E-09	1.6E-08	0.0E+00	0.0E+00	0.0E+00	1.9E-08
194	UCART3	479069.28	3733045.39	479069.28	0.36894	0.15964	0.01596	0.05294	0.04016	0.01697	1.58E-04	6.98E-05	6.84E-06	8.55E-07	1.87E-07	3.42E-08	2.36E-04	8.2E-08	2.5E-07	1.4E-07	1.3E-07	5.9E-08	3.2E-09	2.0E-08	0.0E+00	0.0E+00	0.0E+00	2.3E-08
195	UCART3	479119.28	3733045.39	479119.28	0.50484	0.18	0.01628	0.0578	0.04253	0.01733	2.16E-04	7.87E-05	6.98E-06	9.34E-07	1.98E-07	3.49E-08	3.03E-04	1.0E-07	3.2E-07	1.8E-07	1.7E-07	7.6E-08	4.1E-09	2.5E-08	0.0E+00	0.0E+00	0.0E+00	3.0E-08
196	UCART3	479169.28	3733045.39	479169.28	0.74339	0.20366	0.01663	0.06369	0.04514	0.01772	3.18E-04	8.91E-05	7.13E-06	1.03E-06	2.10E-07	3.57E-08	4.16E-04	1.4E-07	4.3E-07	2.5E-07	2.3E-07	1.0E-07	5.7E-09	3.5E-08	0.0E+00	0.0E+00	0.0E+00	4.0E-08
197	UCART3	479219.28	3733045.39	479219.28	1.22192	0.23115	0.017	0.07101	0.04806	0.01814	5.23E-04	1.01E-04	7.29E-06	1.15E-06	2.23E-07	3.66E-08	6.33E-04	2.2E-07	6.6E-07	3.8E-07	3.5E-07	1.6E-07	8.6E-09	5.3E-08	0.0E+00	0.0E+00	0.0E+00	6.2E-08
198	UCART3	479269.28	3733045.39	479269.28	2.4228	0.26208	0.01737	0.0802	0.05122	0.01856	1.04E-03	1.15E-04	7.45E-06	1.30E-06	2.38E-07	3.74E-08	1.16E-03	4.0E-07	1.2E-06	7.0E-07	6.4E-07	2.9E-

274	UCART3	478819.28	3733295.39	478819.28	0.12007	0.10231	0.01483	0.03895	0.03311	0.01565	5.14E-05	4.48E-05	6.36E-06	6.29E-07	1.54E-07	3.15E-08	1.03E-04	3.6E-08	1.1E-07	6.3E-08	5.7E-08	2.6E-08	1.4E-09	8.7E-09	0.0E+00	0.0E+00	0.0E+00	1.0E-08
275	UCART3	478869.28	3733295.39	478869.28	0.13669	0.11543	0.01518	0.04178	0.03524	0.01604	5.86E-05	5.05E-05	6.51E-06	6.75E-07	1.64E-07	3.23E-08	1.16E-04	4.0E-08	1.2E-07	7.0E-08	6.4E-08	2.9E-08	1.6E-09	9.8E-09	0.0E+00	0.0E+00	0.0E+00	1.1E-08
276	UCART3	478919.28	3733295.39	478919.28	0.15776	0.13208	0.01556	0.0451	0.03773	0.01649	6.76E-05	5.78E-05	6.67E-06	7.29E-07	1.75E-07	3.32E-08	1.33E-04	4.6E-08	1.4E-07	8.0E-08	7.3E-08	3.3E-08	1.8E-09	1.1E-08	0.0E+00	0.0E+00	0.0E+00	1.3E-08
277	UCART3	478969.28	3733295.39	478969.28	0.18518	0.15206	0.01586	0.04869	0.04025	0.01682	7.93E-05	6.65E-05	6.80E-06	7.87E-07	1.87E-07	3.39E-08	1.54E-04	5.3E-08	1.6E-07	9.3E-08	8.4E-08	3.8E-08	2.1E-09	1.3E-08	0.0E+00	0.0E+00	0.0E+00	1.5E-08
278	UCART3	479019.28	3733295.39	479019.28	0.22154	0.17804	0.01619	0.053	0.04324	0.0172	9.49E-05	7.79E-05	6.94E-06	8.56E-07	2.01E-07	3.47E-08	1.81E-04	6.3E-08	1.9E-07	1.1E-07	9.9E-08	4.5E-08	2.5E-09	1.5E-08	0.0E+00	0.0E+00	0.0E+00	1.8E-08
279	UCART3	479069.28	3733295.39	479069.28	0.27117	0.21217	0.01652	0.05813	0.04668	0.01757	1.16E-04	9.28E-05	7.08E-06	9.39E-07	2.17E-07	3.54E-08	2.17E-04	7.5E-08	2.3E-07	1.3E-07	1.2E-07	5.4E-08	3.0E-09	1.8E-08	0.0E+00	0.0E+00	0.0E+00	2.1E-08
280	UCART3	479119.28	3733295.39	479119.28	0.34088	0.25651	0.01679	0.06406	0.0504	0.01783	1.46E-04	1.12E-04	7.20E-06	1.03E-06	2.34E-07	3.59E-08	2.67E-04	9.2E-08	2.8E-07	1.6E-07	1.5E-07	6.7E-08	3.6E-09	2.2E-08	0.0E+00	0.0E+00	0.0E+00	2.6E-08
281	UCART3	479169.28	3733295.39	479169.28	0.44136	0.31977	0.01712	0.07167	0.05514	0.01821	1.89E-04	1.40E-04	7.34E-06	1.16E-06	2.56E-07	3.67E-08	3.38E-04	1.2E-07	3.5E-07	2.0E-07	1.9E-07	8.5E-08	4.6E-09	2.8E-08	0.0E+00	0.0E+00	0.0E+00	3.3E-08
282	UCART3	479219.28	3733295.39	479219.28	0.58872	0.41097	0.01747	0.08129	0.06086	0.01861	2.52E-04	1.80E-04	7.49E-06	1.31E-06	2.83E-07	3.75E-08	4.41E-04	1.5E-07	4.6E-07	2.7E-07	2.4E-07	1.1E-07	6.0E-09	3.7E-08	0.0E+00	0.0E+00	0.0E+00	4.3E-08
283	UCART3	479269.28	3733295.39	479269.28	0.80012	0.54837	0.01786	0.09385	0.06798	0.01905	3.43E-04	2.40E-04	7.66E-06	1.52E-06	3.16E-07	3.84E-08	5.92E-04	2.0E-07	6.2E-07	3.6E-07	3.2E-07	1.5E-07	8.1E-09	5.0E-08	0.0E+00	0.0E+00	0.0E+00	5.8E-08
284	UCART3	478819.28	3733345.39	478819.28	0.11519	0.10203	0.01481	0.03883	0.03316	0.01564	4.93E-05	4.46E-05	6.35E-06	6.27E-07	1.54E-07	3.15E-08	1.01E-04	3.5E-08	1.1E-07	6.1E-08	5.5E-08	2.5E-08	1.4E-09	8.5E-09	0.0E+00	0.0E+00	0.0E+00	9.8E-09
285	UCART3	478869.28	3733345.39	478869.28	0.13025	0.11534	0.01517	0.0417	0.03537	0.01603	5.58E-05	5.05E-05	6.50E-06	6.74E-07	1.64E-07	3.23E-08	1.14E-04	3.9E-08	1.2E-07	6.9E-08	6.2E-08	2.8E-08	1.5E-09	9.5E-09	0.0E+00	0.0E+00	0.0E+00	1.1E-08
286	UCART3	478919.28	3733345.39	478919.28	0.14896	0.1325	0.01562	0.04523	0.03814	0.01655	6.38E-05	5.80E-05	6.70E-06	7.31E-07	1.77E-07	3.34E-08	1.29E-04	4.5E-08	1.4E-07	7.8E-08	7.1E-08	3.2E-08	1.8E-09	1.1E-08	0.0E+00	0.0E+00	0.0E+00	1.3E-08
287	UCART3	478969.28	3733345.39	478969.28	0.17294	0.15286	0.01593	0.04886	0.04077	0.01689	7.41E-05	6.69E-05	6.83E-06	7.89E-07	1.90E-07	3.40E-08	1.49E-04	5.2E-08	1.6E-07	9.0E-08	8.2E-08	3.7E-08	2.0E-09	1.2E-08	0.0E+00	0.0E+00	0.0E+00	1.4E-08
288	UCART3	479019.28	3733345.39	479019.28	0.20397	0.1793	0.01624	0.05316	0.04383	0.01724	8.74E-05	7.84E-05	6.96E-06	8.59E-07	2.04E-07	3.48E-08	1.74E-04	6.0E-08	1.8E-07	1.1E-07	9.5E-08	4.4E-08	2.4E-09	1.5E-08	0.0E+00	0.0E+00	0.0E+00	1.7E-08
289	UCART3	479069.28	3733345.39	479069.28	0.24486	0.21452	0.01656	0.05829	0.04739	0.0176	1.05E-04	9.38E-05	7.10E-06	9.42E-07	2.20E-07	3.55E-08	2.07E-04	7.2E-08	2.2E-07	1.3E-07	1.1E-07	5.2E-08	2.8E-09	1.7E-08	0.0E+00	0.0E+00	0.0E+00	2.0E-08
290	UCART3	479119.28	3733345.39	479119.28	0.29963	0.26043	0.0168	0.06417	0.05122	0.01784	1.28E-04	1.14E-04	7.20E-06	1.04E-06	2.38E-07	3.60E-08	2.51E-04	8.7E-08	2.6E-07	1.5E-07	1.4E-07	6.3E-08	3.4E-09	2.1E-08	0.0E+00	0.0E+00	0.0E+00	2.4E-08
291	UCART3	479169.28	3733345.39	479169.28	0.37334	0.3279	0.01713	0.07188	0.05632	0.01822	1.60E-04	1.43E-04	7.34E-06	1.16E-06	2.62E-07	3.67E-08	3.12E-04	1.1E-07	3.3E-07	1.9E-07	1.7E-07	7.8E-08	4.2E-09	2.6E-08	0.0E+00	0.0E+00	0.0E+00	3.0E-08
292	UCART3	479219.28	3733345.39	479219.28	0.47152	0.43063	0.01752	0.08185	0.0628	0.01866	2.02E-04	1.88E-04	7.51E-06	1.32E-06	2.92E-07	3.76E-08	4.00E-04	1.4E-07	4.2E-07	2.4E-07	2.2E-07	1.0E-07	5.4E-09	3.3E-08	0.0E+00	0.0E+00	0.0E+00	3.9E-08
293	UCART3	479269.28	3733345.39	479269.28	0.59468	0.59215	0.01791	0.09471	0.07082	0.0191	2.55E-04	2.59E-04	7.68E-06	1.53E-06	3.29E-07	3.85E-08	5.23E-04	1.8E-07	5.5E-07	3.2E-07	2.9E-07	1.3E-07	7.1E-09	4.4E-08	0.0E+00	0.0E+00	0.0E+00	5.1E-08
294	UCART3	478819.28	3733395.39	478819.28	0.11006	0.10306	0.01499	0.03923	0.0338	0.01584	4.71E-05	4.51E-05	6.43E-06	6.34E-07	1.57E-07	3.19E-08	9.95E-05	3.4E-08	1.0E-07	6.0E-08	5.5E-08	2.5E-08	1.4E-09	8.3E-09	0.0E+00	0.0E+00	0.0E+00	9.7E-09
295	UCART3	478869.28	3733395.39	478869.28	0.12365	0.11579	0.01532	0.04186	0.03578	0.01615	5.30E-05	5.08E-05	6.55E-06	6.76E-07	1.66E-07	3.24E-08	1.11E-04	3.8E-08	1.2E-07	6.7E-08	6.1E-08	2.8E-08	1.5E-09	9.3E-09	0.0E+00	0.0E+00	0.0E+00	1.1E-08
296	UCART3	478919.28	3733395.39	478919.28	0.14022	0.132	0.01568	0.04519	0.0384	0.0166	6.01E-05	5.77E-05	6.72E-06	7.30E-07	1.79E-07	3.35E-08	1.25E-04	4.3E-08	1.3E-07	7.6E-08	6.9E-08	3.1E-08	1.7E-09	1.1E-08	0.0E+00	0.0E+00	0.0E+00	1.2E-08
297	UCART3	478969.28	3733395.39	478969.28	0.16101	0.15232	0.01597	0.0488	0.04108	0.01693	6.90E-05	6.66E-05	6.85E-06	7.88E-07	1.91E-07	3.41E-08	1.43E-04	5.0E-08	1.5E-07	8.7E-08	7.9E-08	3.6E-08	2.0E-09	1.2E-08	0.0E+00	0.0E+00	0.0E+00	1.4E-08
298	UCART3	479019.28	3733395.39	479019.28	0.1872	0.17878	0.01627	0.05307	0.0442	0.01727	8.02E-05	7.82E-05	6.98E-06	8.57E-07	2.05E-07	3.48E-08	1.66E-04	5.8E-08	1.7E-07	1.0E-07	9.1E-08	4.2E-08	2.3E-09	1.4E-08	0.0E+00	0.0E+00	0.0E+00	1.6E-08
299	UCART3	479069.28	3733395.39	479069.28	0.22052	0.21418	0.0166	0.05824	0.04796	0.01764	9.45E-05	9.37E-05	7.12E-06	9.41E-07	2.23E-07	3.56E-08	1.96E-04	6.8E-08	2.1E-07	1.2E-07	1.1E-07	4.9E-08	2.7E-09	1.6E-08	0.0E+00	0.0E+00	0.0E+00	1.9E-08
300	UCART3	479119.28	3733395.39	479119.28	0.26324	0.26273	0.01687	0.06431	0.05219	0.01796	1.13E-04	1.15E-04	7.23E-06	1.04E-06	2.43E-07	3.62E-08	2.36E-04	8.2E-08	2.5E-07	1.4E-07	1.3E-07	5.9E-08	3.2E-09	2.0E-08	0.0E+00	0.0E+00	0.0E+00	2.3E-08
301	UCART3	479169.28	3733395.39	479169.28	0.31737	0.33273	0.01722	0.07209	0.05763	0.01834	1.36E-04	1.46E-04	7.38E-06	1.16E-06	2.68E-07	3.70E-08	2.90E-04	1.0E-07	3.0E-07	1.8E-07	1.6E-07	7.3E-08	3.9E-09	2.4E-08	0.0E+00	0.0E+00	0.0E+00	2.8E-08
302	UCART3	479219.28	3733395.39	479219.28	0.38404	0.43879	0.01758	0.08196	0.06442	0.01873	1.65E-04	1.92E-04	7.54E-06	1.32E-06	2.99E-07	3.78E-08	3.66E-04	1.3E-07	3.8E-07	2.2E-07	2.0E-07	9.2E-08	5.0E-09	3.1E-08	0.0E+00	0.0E+00	0.0E+00	3.6E-08
303	UCART3	479269.28	3733395.39	479269.28	0.46018	0.61364	0.01797	0.09498	0.07327	0.01918	1.97E-04	2.68E-04	7.70E-06	1.53E-06	3.41E-07	3.87E-08	4.75E-04	1.6E-07	5.0E-07	2.9E-07	2.6E-07	1.2E-07	6.5E-09	4.0E-08	0.0E+00	0.0E+00	0.0E+00	4.6E-08
304	UCART3	478919.28	3733445.39	478919.28	0.1317	0.13074	0.0157	0.04502	0.03854	0.01668	5.64E-05	5.72E-05	6.73E-06	7.27E-07	1.79E-07	3.36E-08	1.21E-04	4.2E-08	1.3E-07	7.3E-08	6.7E-08	3.0E-08	1.6E-09	1.0E-08	0.0E+00	0.0E+00	0.0E+00	1.2E-08
305	UCART3	478969.28	3733445.39	478969.28	0.14958	0.1507	0.01601	0.0486	0.04126	0.01703	6.41E-05	6.59E-05	6.86E-06	7.85E-07	1.92E-07	3.43E-08	1.38E-04	4.8E-08	1.4E-07	8.3E-08	7.6E-08	3.5E-08	1.9E-09	1.2E-08	0.0E+00	0.0E+00	0.0E+00	1.3E-08
306	UCART3	479019.28	3733445.39	479019.28	0.17154	0.17666	0.01633	0.05284	0.04447	0.01738	7.35E-05	7.73E-05	7.00E-06	8.54E-07	2.07E-07	3.50E-08	1.59E-04	5.5E-08	1.7E-07	9.6E-08	8.7E-08	4.0E-08	2.2E-09	1.3E-08	0.0E+00	0.0E+00	0.0E+00	1.5E-08
307	UCART3	479069.28	3733445.39	479069.28	0.1986	0.21136	0.01666	0.05795	0.0483	0.01774	8.51E-05	9.25E-05	7.14E-06	9.36E-07	2.25E-07	3.58E-08	1.86E-04	6.4E-08	1.9E-07	1.1E-07	1.0E-07	4.7E-08	2.5E-09	1.6E-08	0.0E+00	0.0E+00	0.0E+00	1.8E-08
308	UCART3	479119.28	3733445.39	479119.28	0.23192	0.25923	0.0169	0.06396	0.05267	0.01799	9.93E-05	1.13E-04	7.25E-06	1.03E-06	2.45E-07	3.63E-08	2.21E-04	7.7E-08	2.3E-07	1.3E-07	1.2E-07	5.5E-08	3.0E-09	1.9E-08	0.0E+00	0.0E+00	0.0E+00	2.2E-08
309	UCART3	479169.28	3733445.39	479169.28	0.272	0.32833	0.01725	0.0717	0.05837	0.01838	1.17E-04	1.44E-04	7.40E-06	1.16E-06	2.71E-07	3.71E-08	2.69E-04	9.3E-08	2.8E-07	1.6E-07	1.5E-07	6.7E-08	3.7E-09	2.3E-08	0.0E+00	0.0E+00	0.0E+00	2.6E-08
310	UCART3	479219.28	3733445.39	479219.28	0.31837	0.43364	0.01762	0.08157	0.0656	0.0188	1.36E-04	1.90E-04	7.55E-06	1.32E-06	3.05E-07	3.79E-08	3.35E-04	1.2E-07	3.5E-07	2.0E-07	1.8E-07	8.4E-08	4.6E-09	2.8E-08	0.0E+00	0.0E+00	0.0E+00	3.3E-08
311	UCART3	479269.28	3733445.39	479269.28	0.36784	0.60714	0.01801	0.09457	0.07511	0.01925	1.58E-04	2.66E-04	7.72E-06	1.53E-06	3.49E-07	3.88E-08	4.33E-04	1.5E-07	4.5E-07	2.6E-07	2.4E-07	1.1E-07	5.9E-09	3.6E-08	0.0E+00	0.0E+00	0.0E+00	4.2E-08
312	UCART3	478919.28	3733495.39	478919.28	0.12353	0.12865	0.01572	0.04478	0.03865	0.01669	5.29E-05	5.63E-05	6.74E-06	7.23E-07	1.80E-07	3.36E-08	1.17E-04	4.0E-08	1.2E-07	7.1E-08	6.4E-08	2.9E-08	1.6E-09	9.8E-09	0.0E+00	0.0E+00	0.0E+00	1.1E-08
313	UCART3	478969.28	3733495.39	478969.28	0.13884	0.14794	0.01603	0.04829	0.04138	0.01703	5.95E-05	6.47E-05	6.87E-06	7.80E-07	1.92E-07	3.43E-08	1.32E-04	4.6E-08	1.4E-07	8.0E-08	7.2E-08	3.3E-08	1.8E-09	1.1E-08	0.0E+00	0.0E+00	0.0E+00	1.3E-08
314	UCART3	479019.28	3733495.39	479019.28	0.15721	0.1729	0.01635	0.05244	0.04459	0.01739	6.73E-05	7.56E-05	7.01E-06	8.47E-07	2.07E-07	3.51E-08	1.51E-04	5.2E-08	1.6E-07	9.1E-08	8.3E-08	3.8E-08	2.1E-09	1.3E-08	0.0E+00	0.0E+00	0.0E+00	1.5E-08
315	UCART3	479069.28	3733495.39	479069.28	0.17918	0.20609	0.01667	0.05744	0.04845	0.01776	7.68E-05	9.01E-05	7.15E-06	9.28E-07	2.25E-07	3.58E-08	1.75E-04	6.1E-08	1.8E-07	1.1E-07	9.6E-08	4.4E-08	2.4E-09	1.5E-08	0.0E+00	0.0E+00	0.0E+00	1.7E-08
316	UCART3	479119.28	3733495.39	479119.28	0.20527	0.25161	0.01694	0.06337	0.05294	0.01801	8.79E-05	1.10E-04	7.26E-06	1.02E-06	2.46E-07	3.63E-08	2.07E-04	7.2E-08	2.2E-07	1.2E-07	1.1E-07	5.2E-08	2.8E-09	1.7E-08	0.0E+00	0.0E+00	0.0E+00	2.0E-08
317	UCART3	479169.28	3733495.39	479169.28	0.2353	0.31675	0.01729	0.07096	0.05878	0.01841	1.01E-04	1.39E-04	7.41E-06	1.15E-06	2.73E-07	3.71E-08	2.48E-04	8.6E-08	2.6E-07	1.5E-07	1.4E-07	6.2E-08	3.4E-09	2.1E-08	0.0E+00	0.0E+00	0.0E+00	2.4E-08
318	UCART3	479219.28	3733495.39	479219.28	0.26833	0.41491	0.01766	0.08065	0.06626	0.01883	1.15E-04	1.81E-04	7.57E-06	1.30E-06	3.08E-07	3.80E-08	3.06E-04	1.1E-07	3.2E-07	1.8E-07	1.7E-07	7.6E-08	4.2E-09	2.6E-08	0.0E+00	0.0E+00	0.0E+00	3.0E-08
319	UCART3	479269.28	3733495.39	479269.28	0.3018	0.57311	0.01806	0.0884	0.07616	0.01928	1.29E-04	2.51E-04	7.74E-06	1.51E-06	3.54E-07	3.89E-08	3.90E-04	1.3E-07	4.1E-07	2.4E-07	2.1E-07	9.8E-08	5.3E-09	3.3E-08	0.0E+00	0.0E+00	0.0E+00	3.8E-08
320	UCART3	478869.28	3733545.39	478869.28	0.10452	0.1111	0.01547	0.04159	0.03639	0.01641	4.48E-05	4.86E-05	6.63E-06	6.72E-07	1.69E-07	3.31E-08	1.01E-04	3.5E-08	1.1E-07	6.1E-08	5.5E-08	2.5E-08	1.4E-09	8.4E-09	0.0E+00	0.0E+00	0.0E+00	9.8E-09
321	UCART3	478919.28	3733545.39	478919.28	0.11575	0.12572	0.01574	0.0445	0.0387	0.01671	4.96E-05	5.50E-05	6.75E-06	7.19E-07	1.80E-07	3.37E-08	1.12E-04	3.9E-08	1.2E-07	6.8E-08	6.2E-08	2.8E-08	1.5E-09	9.4E-09	0.0E+00	0.0E+00	0.0E+00	1.1E-08
322	UCART3	478969.28	3733545.39	478969.28	0.12889	0.14407	0.01604	0.04791	0.0414	0.01704	5.52E-05	6.30E-05	6.88E-06	7.74E-07	1.92E-07	3.43E-08	1.26E-04	4.4E-08	1.3E-07	7.6E-08	6.9E-08	3.2E-08	1.7E-09	1.1E-08	0.0E+00	0.0E+00	0.0E+00	1.2E-08
323	UCART3	479019.28	3733545.39	479019.28	0.14424	0.16761	0.01635	0.05196	0.04463	0.01739	6.18E-05	7.33E-05	7.01E-06	8.39E-07	2.07E-07	3.51E-08	1.43E-04	5.0E-08	1.5E-07	8.7E-08	7.9E-08	3.6E-08	1.9E-09	1.2E-08	0.0E+00	0.0E+00	0.0E+00	1.4E-08
324	UCART3	479069.28	3733545.39	479069.28	0.16213	0.1986	0.01668	0.05681	0.04848	0.01776	6.94E-05	8.69E-05	7.15E-06	9.18E-07	2.25E-07	3.58E-08	1.65E-04	5.7E-08	1.7E-07	1.0E-07	9.0E-08	4.1E-08	2.2E-09	1.4E-08	0.0E+00	0.0E+00	0.0E+00	1.6E-08
325	UCART3	479119.28	3733545.39	479119.28	0.18269	0.24061	0.017	0.06258	0.05301	0.01807	7.83E-05	1.05E-04	7.29E-06	1.01E-06	2.46E-07	3.64E-08	1.92E-04	6.6E-08	2.0E-07	1.2E-07	1.1E-07	4.8E-08	2.6E-09	1.6E-08	0.0E+00	0.0E+00	0.0E+00	1.9E-08
326	UCART3	479169.28	3733545.39	479169.28	0.20546	0.29971	0.01736	0.06996	0.05891	0.01847	8.80E-05	1.31E-04	7.44E-06	1.13E-06	2.74E-07	3.72E-08	2.28E-04	7.9E-08	2.4E-07	1.4E-07	1.3E-07	5.7E-08	3.1E-09	1.9E-08	0.0E+00	0.0E+00	0.0E+00	2.2E-08
327	UCART3	479219.28	3733545.39	479219.28	0.22952	0.38662	0.01771	0.07933	0.06645	0.01888	9.83E-05	1.69E-04	7.59E-06	1.28E-06	3.09E-07	3.81E-08	2.77E-04	9.6E-08	2.9E-07	1.7E-07	1.5E-07	6.9E-08	3.8E-09	2.3E-08	0.0E+00	0.0E+00	0.0E+00	2.7E-08
328	UCART3	479269.28	3733545.39	479269.28	0.25292	0.52168	0.01813	0.09163	0.07649	0.01935	1.08E-04	2.28E-04	7.77E-06	1.48E-06	3.56E-07	3.90E-08	3.46E-04	1.2E-07	3.6E-07	2.1E-07	1.9E-07	8.7E-08	4.7E-09	2.9E-08	0.0E+00	0.0E+00	0.0E+00	3.4E-08
329	UCART3	478719.28	3733595.39	478719.28	0.07674	0.08016	0.0146	0.03458	0.03084	0.01543	3.29E-05	3.51E-05	6.26E-06	5.59E-07	1.43E-07	3.11E-08	7.49E-05	2.6E-08	7.8E-08	4.5E-08	4.1E-08	1.9E-08	1.0E-09	6.3E-09	0.0E+00	0.0E+00	0.0E+00	7.3E-09
330	UCART3	478769.28	3733595.39	478769.28	0.08302	0.08705	0.01491	0.03655	0.03248	0.01579	3.56E-05	3.84E-05	6.39E-06	5.90E-07	1.51E-07	3.18E-08	8.12E-05	2.8E-08	8.5E-08	4.9E-08	4.5E-08	2.0E-08	1.1E-09	6.8E-09	0.0E+00	0.0E+00	0.0E+00	7.9E-09
331	UCART3	478819.28	3733595.39	478819.28	0.09026	0.09706	0.01519	0.03874	0.03429	0.01611	3.87E-05	4.25E-05	6.51E-06	6.26E-07	1.59E-07	3.25E-08	8.84E-05	3.1E-08	9.2E-08	5.4E-08	4.9E-08	2.2E-08	1.2E-09	7.4E-09	0.0E+00	0.0E+00	0.0E+00	8.6E-09
332	UCART3	478869.28	3733595.39	478869.28	0.09865	0.10825	0.01547	0.04124	0.03632	0.01643	4.23E-05	4.74E-05	6.63E-06	6.66E-07	1.69E-07	3.31E-08	9.71E-05	3.4E-08	1.0E-07	5.9E-08	5.3E-08	2.4E-08	1.3E-09	8.1E-09	0.0E+00	0.0E+00	0.0E+00	9.5E-09
333	UCART3	478919.28	3733595.39	478919.28	0.1085	0.1221	0.01575	0.04408	0.03862	0.01672	4.65E-05	5.34E-05	6.75E-06	7.12E-07	1.80E-07	3.37E-08	1.08E-04	3.7E-08	1.1E-07	6.5E-08	5.9E-08	2.7E-08	1.5E-09	9.0E-09	0.0E+00	0.0E+00	0.0E+00	1.0E-08
334	UCART3	478969.28	3733595.39	478969.28	0.11975	0.13928	0.01604	0.04739	0.04129	0.01703	5.13E-05	6.09E-05	6.88E-06	7.66E-07	1.92E-07	3.43E-08	1.20E-04	4.2E-08	1.3E-07	7.3E-08	6.6E-08	3.0E-08	1.6E-09	1.0E-08	0.0E+00	0.0E+00	0.0E+00	1.2E-08
335	UCART3	479019.28	3733595.39	479019.28	0.13262	0.1611	0.01636	0.05132	0.04449	0.01739	5.68E-05	7.05E-05	7.01E-06	8.29E-07	2.07E-07	3.51E-08	1.35E-04	4.7E-08	1.4E-07	8.2E-08	7.4E-08	3.4E-08	1.8E-09	1.1E-08	0.0E+00	0.0E+00	0.0E+00	1.3E-08
336	UCART3	479069.28	3733595.39	479069.28	0.14723	0.18947	0.01668	0.05602	0.04831	0.01776	6.31E-05	8.29E-05	7.15E-06	9.05E-07	2.25E-07	3.58E-08	1.54E-04	5.3E-08	1.6E-07	9.3E-08	8.5E-08	3.9E-08	2.1E-09	1.3E-08	0.0E+00	0.0E+00	0.0E+00	1.5E-08
337	UCART3	479119.28	3733595.39	479119.28	0.16354	0.22731	0.01702	0.06159	0.05284	0.01813	7.01E-05	9.94E-05	7.30E-06	9.95E-07	2.46E-07	3.65E-08	1.78E-04	6.2E-08	1.9E-07	1.1E-07	9.8E-08	4.5E-08	2.4E-09	1.5E-08	0.0E+00	0.0E+00	0.0E+00	1.7E-08
338	UCART3	479169.28	3733595.39	479169.28	0.18104	0.27937	0.01737	0.06864	0.05866	0.01854	7.75E-05	1.22E-04	7.45E-06	1.11E-06	2.73E-07	3.74E-08	2.09E-04	7.2E-08	2.2E-07	1.3E-07	1.1E-07	5.2E-08	2.8E-09	1.7E-08	0.0E+00	0.0E+00	0.0E+00	2.0E-08
339	UCART3	479219.28	3733595.39	479219.28	0.19888	0.35357	0.01776	0.07762	0.06616	0.01897	8.52E-05	1.55E-04	7.61E-06	1.25E-06	3.08E-07	3.82E-08	2.49E-04	8.6E-08	2.6E-07	1.5E-07	1.4E-07	6.2E-08	3.4E-09	2.1E-08	0.0E+00	0.0E+00	0.0E+00	2.4E-08
340	UCART3	479269.28	3733595.39	479269.28	0.21572	0.46358	0.01815	0.08926	0.07603	0.01942	9.24E-05	2.03E-04	7.78E-06	1.44E-06	3.53E-07	3.91E-08	3.05E-04	1.1E-07	3.2E-07	1.8E-07	1.7E-07	7.6E-08	4.1

416	UCART3	478269.28	3733845.39	478269.28	0.03977	0.04126	0.01256	0.02327	0.0216	0.01318	1.70E-05	1.80E-05	5.39E-06	3.76E-07	1.00E-07	2.66E-08	4.10E-05	1.4E-08	4.3E-08	2.5E-08	2.2E-08	1.0E-08	5.6E-10	3.4E-09	0.0E+00	0.0E+00	0.0E+00	4.0E-09
417	UCART3	478319.28	3733845.39	478319.28	0.04157	0.04333	0.01276	0.02404	0.02227	0.0134	1.78E-05	1.90E-05	5.47E-06	3.88E-07	1.04E-07	2.70E-08	4.27E-05	1.5E-08	4.5E-08	2.6E-08	2.3E-08	1.1E-08	5.8E-10	3.6E-09	0.0E+00	0.0E+00	0.0E+00	4.2E-09
418	UCART3	478369.28	3733845.39	478369.28	0.04352	0.04561	0.01295	0.02486	0.02298	0.0136	1.86E-05	2.00E-05	5.55E-06	4.02E-07	1.07E-07	2.74E-08	4.47E-05	1.5E-08	4.7E-08	2.7E-08	2.5E-08	1.1E-08	6.1E-10	3.7E-09	0.0E+00	0.0E+00	0.0E+00	4.4E-09
419	UCART3	478419.28	3733845.39	478419.28	0.04561	0.0481	0.01316	0.02575	0.02375	0.01382	1.95E-05	2.10E-05	5.64E-06	4.16E-07	1.10E-07	2.79E-08	4.68E-05	1.6E-08	4.9E-08	2.8E-08	2.6E-08	1.2E-08	6.4E-10	3.9E-09	0.0E+00	0.0E+00	0.0E+00	4.6E-09
420	UCART3	478469.28	3733845.39	478469.28	0.04787	0.05086	0.01338	0.02671	0.02459	0.01407	2.05E-05	2.22E-05	5.74E-06	4.31E-07	1.14E-07	2.84E-08	4.91E-05	1.7E-08	5.1E-08	3.0E-08	2.7E-08	1.2E-08	6.7E-10	4.1E-09	0.0E+00	0.0E+00	0.0E+00	4.8E-09
421	UCART3	478519.28	3733845.39	478519.28	0.05034	0.05396	0.01359	0.02775	0.02549	0.0143	2.16E-05	2.36E-05	5.83E-06	4.48E-07	1.18E-07	2.88E-08	5.16E-05	1.8E-08	5.4E-08	3.1E-08	2.8E-08	1.3E-08	7.0E-10	4.3E-09	0.0E+00	0.0E+00	0.0E+00	5.0E-09
422	UCART3	478569.28	3733845.39	478569.28	0.05303	0.05741	0.01382	0.02888	0.02648	0.01455	2.27E-05	2.51E-05	5.93E-06	4.67E-07	1.23E-07	2.93E-08	5.44E-05	1.9E-08	5.7E-08	3.3E-08	3.0E-08	1.4E-08	7.4E-10	4.6E-09	0.0E+00	0.0E+00	0.0E+00	5.3E-09
423	UCART3	478619.28	3733845.39	478619.28	0.05596	0.06131	0.01406	0.03012	0.02755	0.01481	2.40E-05	2.68E-05	6.03E-06	4.87E-07	1.28E-07	2.99E-08	5.75E-05	2.0E-08	6.0E-08	3.5E-08	3.2E-08	1.4E-08	7.8E-10	4.8E-09	0.0E+00	0.0E+00	0.0E+00	5.6E-09
424	UCART3	478669.28	3733845.39	478669.28	0.05913	0.06569	0.01431	0.03149	0.02874	0.01509	2.53E-05	2.87E-05	6.14E-06	5.09E-07	1.34E-07	3.04E-08	6.09E-05	2.1E-08	6.4E-08	3.7E-08	3.3E-08	1.5E-08	8.3E-10	5.1E-09	0.0E+00	0.0E+00	0.0E+00	5.9E-09
425	UCART3	478719.28	3733845.39	478719.28	0.06265	0.07073	0.01456	0.03298	0.03002	0.01536	2.68E-05	3.09E-05	6.24E-06	5.33E-07	1.40E-07	3.10E-08	6.47E-05	2.2E-08	6.8E-08	3.9E-08	3.5E-08	1.6E-08	8.8E-10	5.4E-09	0.0E+00	0.0E+00	0.0E+00	6.3E-09
426	UCART3	478769.28	3733845.39	478769.28	0.06647	0.07648	0.01482	0.03464	0.03147	0.01565	2.85E-05	3.35E-05	6.35E-06	5.60E-07	1.46E-07	3.15E-08	6.90E-05	2.4E-08	7.2E-08	4.2E-08	3.8E-08	1.7E-08	9.4E-10	5.8E-09	0.0E+00	0.0E+00	0.0E+00	6.7E-09
427	UCART3	478819.28	3733845.39	478819.28	0.07065	0.08314	0.01509	0.03649	0.03307	0.01594	3.03E-05	3.64E-05	6.47E-06	5.89E-07	1.54E-07	3.21E-08	7.39E-05	2.6E-08	7.7E-08	4.5E-08	4.1E-08	1.8E-08	1.0E-09	6.2E-09	0.0E+00	0.0E+00	0.0E+00	7.2E-09
428	UCART3	478869.28	3733845.39	478869.28	0.07516	0.09086	0.01538	0.03858	0.0349	0.01627	3.22E-05	3.97E-05	6.59E-06	6.23E-07	1.62E-07	3.28E-08	7.94E-05	2.7E-08	8.3E-08	4.8E-08	4.4E-08	2.0E-08	1.1E-09	6.6E-09	0.0E+00	0.0E+00	0.0E+00	7.7E-09
429	UCART3	478919.28	3733845.39	478919.28	0.0801	0.09996	0.01566	0.04091	0.03693	0.01657	3.43E-05	4.37E-05	6.71E-06	6.61E-07	1.72E-07	3.34E-08	8.56E-05	3.0E-08	8.9E-08	5.2E-08	4.7E-08	2.1E-08	1.2E-09	7.2E-09	0.0E+00	0.0E+00	0.0E+00	8.3E-09
430	UCART3	478969.28	3733845.39	478969.28	0.08534	0.11067	0.01597	0.04359	0.03928	0.01692	3.66E-05	4.84E-05	6.85E-06	7.04E-07	1.83E-07	3.41E-08	9.27E-05	3.2E-08	9.7E-08	5.6E-08	5.1E-08	2.3E-08	1.3E-09	7.8E-09	0.0E+00	0.0E+00	0.0E+00	9.0E-09
431	UCART3	479019.28	3733845.39	479019.28	0.09086	0.1234	0.01628	0.04666	0.042	0.01727	3.89E-05	5.40E-05	6.98E-06	7.54E-07	1.95E-07	3.48E-08	1.01E-04	3.5E-08	1.1E-07	6.1E-08	5.5E-08	2.5E-08	1.4E-09	8.4E-09	0.0E+00	0.0E+00	0.0E+00	9.8E-09
432	UCART3	479069.28	3733845.39	479069.28	0.09654	0.13864	0.01661	0.05023	0.04519	0.01764	4.14E-05	6.06E-05	7.12E-06	8.11E-07	2.10E-07	3.56E-08	1.10E-04	3.8E-08	1.2E-07	6.7E-08	6.0E-08	2.8E-08	1.5E-09	9.2E-09	0.0E+00	0.0E+00	0.0E+00	1.1E-08
433	UCART3	479119.28	3733845.39	479119.28	0.10224	0.15698	0.01695	0.05442	0.04895	0.01802	4.38E-05	6.87E-05	7.27E-06	8.79E-07	2.28E-07	3.63E-08	1.21E-04	4.2E-08	1.3E-07	7.3E-08	6.6E-08	3.0E-08	1.6E-09	1.0E-08	0.0E+00	0.0E+00	0.0E+00	1.2E-08
434	UCART3	479169.28	3733845.39	479169.28	0.10773	0.17908	0.01731	0.05939	0.05348	0.01841	4.61E-05	7.83E-05	7.42E-06	9.59E-07	2.49E-07	3.71E-08	1.33E-04	4.6E-08	1.4E-07	8.1E-08	7.3E-08	3.3E-08	1.8E-09	1.1E-08	0.0E+00	0.0E+00	0.0E+00	1.3E-08
435	UCART3	479219.28	3733845.39	479219.28	0.11276	0.20563	0.01768	0.06537	0.05902	0.01882	4.83E-05	8.99E-05	7.58E-06	1.06E-06	2.74E-07	3.79E-08	1.47E-04	5.1E-08	1.5E-07	8.9E-08	8.1E-08	3.7E-08	2.0E-09	1.2E-08	0.0E+00	0.0E+00	0.0E+00	1.4E-08
436	UCART3	479269.28	3733845.39	479269.28	0.11705	0.23713	0.01807	0.07272	0.06595	0.01926	5.01E-05	1.04E-04	7.75E-06	1.17E-06	3.07E-07	3.88E-08	1.63E-04	5.6E-08	1.7E-07	9.9E-08	8.9E-08	4.1E-08	2.2E-09	1.4E-08	0.0E+00	0.0E+00	0.0E+00	1.6E-08
437	UCART3	479319.28	3733845.39	479319.28	0.12243	0.26478	0.01847	0.08067	0.07267	0.02286	1.82E-05	1.99E-05	5.54E-06	1.99E-07	1.06E-07	2.74E-08	4.38E-05	1.5E-08	4.6E-08	2.7E-08	2.4E-08	1.1E-08	6.0E-10	1.5E-09	0.0E+00	0.0E+00	0.0E+00	4.1E-09
438	UCART3	478419.28	3733845.39	478419.28	0.04443	0.04721	0.01314	0.02556	0.02364	0.01381	1.90E-05	2.07E-05	5.63E-06	4.13E-07	1.10E-07	2.78E-08	4.59E-05	1.6E-08	4.8E-08	2.8E-08	2.5E-08	1.1E-08	6.2E-10	3.8E-09	0.0E+00	0.0E+00	0.0E+00	4.5E-09
439	UCART3	478469.28	3733845.39	478469.28	0.04658	0.0499	0.01336	0.02649	0.02445	0.01405	2.00E-05	2.18E-05	5.73E-06	4.28E-07	1.14E-07	2.83E-08	4.81E-05	1.7E-08	5.0E-08	2.9E-08	2.6E-08	1.2E-08	6.5E-10	4.0E-09	0.0E+00	0.0E+00	0.0E+00	4.7E-09
440	UCART3	478519.28	3733845.39	478519.28	0.0489	0.05285	0.01358	0.0275	0.02533	0.01428	2.09E-05	2.31E-05	5.82E-06	4.44E-07	1.18E-07	2.88E-08	5.05E-05	1.7E-08	5.3E-08	3.1E-08	2.8E-08	1.3E-08	6.9E-10	4.2E-09	0.0E+00	0.0E+00	0.0E+00	4.9E-09
441	UCART3	478569.28	3733845.39	478569.28	0.05138	0.05614	0.01381	0.0286	0.02629	0.01453	2.20E-05	2.46E-05	5.92E-06	4.62E-07	1.22E-07	2.93E-08	5.31E-05	1.8E-08	5.6E-08	3.2E-08	2.9E-08	1.3E-08	7.2E-10	4.4E-09	0.0E+00	0.0E+00	0.0E+00	5.2E-09
442	UCART3	478619.28	3733845.39	478619.28	0.05407	0.05981	0.01405	0.02981	0.02735	0.01479	2.32E-05	2.62E-05	6.02E-06	4.82E-07	1.27E-07	2.98E-08	5.60E-05	1.9E-08	5.9E-08	3.4E-08	3.1E-08	1.4E-08	7.6E-10	4.7E-09	0.0E+00	0.0E+00	0.0E+00	5.5E-09
443	UCART3	478669.28	3733845.39	478669.28	0.05699	0.06395	0.01429	0.03112	0.0285	0.01507	2.44E-05	2.80E-05	6.13E-06	5.03E-07	1.32E-07	3.04E-08	5.92E-05	2.0E-08	6.2E-08	3.6E-08	3.2E-08	1.5E-08	8.0E-10	5.0E-09	0.0E+00	0.0E+00	0.0E+00	5.8E-09
444	UCART3	478719.28	3733845.39	478719.28	0.0602	0.06867	0.01453	0.03256	0.02975	0.01532	2.58E-05	3.00E-05	6.23E-06	5.26E-07	1.38E-07	3.09E-08	6.27E-05	2.2E-08	6.6E-08	3.8E-08	3.4E-08	1.6E-08	8.5E-10	5.3E-09	0.0E+00	0.0E+00	0.0E+00	6.1E-09
445	UCART3	478769.28	3733845.39	478769.28	0.06365	0.07403	0.0148	0.03416	0.03115	0.01561	2.73E-05	3.24E-05	6.35E-06	5.52E-07	1.45E-07	3.15E-08	6.67E-05	2.3E-08	7.0E-08	4.0E-08	3.7E-08	1.7E-08	9.1E-10	5.6E-09	0.0E+00	0.0E+00	0.0E+00	6.5E-09
446	UCART3	478819.28	3733845.39	478819.28	0.06739	0.08016	0.01507	0.03593	0.0327	0.01591	2.89E-05	3.51E-05	6.46E-06	5.80E-07	1.52E-07	3.21E-08	7.12E-05	2.5E-08	7.4E-08	4.3E-08	3.9E-08	1.8E-08	9.7E-10	6.0E-09	0.0E+00	0.0E+00	0.0E+00	6.9E-09
447	UCART3	478869.28	3733845.39	478869.28	0.0714	0.08722	0.01536	0.03792	0.03446	0.01623	3.06E-05	3.82E-05	6.59E-06	6.13E-07	1.60E-07	3.27E-08	7.61E-05	2.6E-08	8.0E-08	4.6E-08	4.2E-08	1.9E-08	1.0E-09	6.4E-09	0.0E+00	0.0E+00	0.0E+00	7.4E-09
448	UCART3	478919.28	3733845.39	478919.28	0.07574	0.09546	0.01563	0.04013	0.0364	0.01653	3.24E-05	4.18E-05	6.70E-06	6.48E-07	1.69E-07	3.33E-08	8.18E-05	2.8E-08	8.5E-08	4.9E-08	4.5E-08	2.0E-08	1.1E-09	6.8E-09	0.0E+00	0.0E+00	0.0E+00	8.0E-09
449	UCART3	478969.28	3733845.39	478969.28	0.08027	0.10502	0.01594	0.04266	0.03865	0.01687	3.44E-05	4.59E-05	6.83E-06	6.89E-07	1.80E-07	3.40E-08	8.81E-05	3.0E-08	9.2E-08	5.3E-08	4.8E-08	2.2E-08	1.2E-09	7.4E-09	0.0E+00	0.0E+00	0.0E+00	8.6E-09
450	UCART3	479019.28	3733845.39	479019.28	0.08498	0.11623	0.01625	0.04554	0.04123	0.01722	3.64E-05	5.08E-05	6.97E-06	7.36E-07	1.92E-07	3.47E-08	9.52E-05	3.3E-08	9.9E-08	5.8E-08	5.2E-08	2.4E-08	1.3E-09	8.0E-09	0.0E+00	0.0E+00	0.0E+00	9.3E-09
451	UCART3	479069.28	3733845.39	479069.28	0.08975	0.12943	0.01658	0.04887	0.04423	0.01759	3.84E-05	5.66E-05	7.11E-06	7.89E-07	2.06E-07	3.55E-08	1.03E-04	3.6E-08	1.1E-07	6.2E-08	5.7E-08	2.6E-08	1.4E-09	8.6E-09	0.0E+00	0.0E+00	0.0E+00	1.0E-08
452	UCART3	479119.28	3733845.39	479119.28	0.09448	0.14501	0.01691	0.05272	0.04773	0.01796	4.05E-05	6.34E-05	7.25E-06	8.52E-07	2.22E-07	3.62E-08	1.12E-04	3.9E-08	1.2E-07	6.8E-08	6.2E-08	2.8E-08	1.5E-09	9.4E-09	0.0E+00	0.0E+00	0.0E+00	1.1E-08
453	UCART3	479169.28	3733845.39	479169.28	0.09895	0.16335	0.01727	0.05725	0.0519	0.01835	4.24E-05	7.15E-05	7.40E-06	9.25E-07	2.41E-07	3.70E-08	1.22E-04	4.2E-08	1.3E-07	7.4E-08	6.7E-08	3.1E-08	1.7E-09	1.0E-08	0.0E+00	0.0E+00	0.0E+00	1.2E-08
454	UCART3	479219.28	3733845.39	479219.28	0.10299	0.18479	0.01763	0.06264	0.05694	0.01876	4.41E-05	8.08E-05	7.56E-06	1.01E-06	2.65E-07	3.78E-08	1.34E-04	4.6E-08	1.4E-07	8.1E-08	7.3E-08	3.3E-08	1.8E-09	1.1E-08	0.0E+00	0.0E+00	0.0E+00	1.3E-08
455	UCART3	479269.28	3733845.39	479269.28	0.10637	0.20939	0.01803	0.06917	0.06318	0.01921	4.56E-05	9.16E-05	7.73E-06	1.12E-06	2.94E-07	3.87E-08	1.46E-04	5.1E-08	1.5E-07	8.9E-08	8.0E-08	3.7E-08	2.0E-09	1.2E-08	0.0E+00	0.0E+00	0.0E+00	1.4E-08
456	UCART3	478569.28	3733845.39	478569.28	0.04974	0.05479	0.01378	0.02831	0.0261	0.01451	2.13E-05	2.40E-05	5.91E-06	4.57E-07	1.21E-07	2.92E-08	5.18E-05	1.8E-08	5.4E-08	3.1E-08	2.8E-08	1.3E-08	7.0E-10	4.3E-09	0.0E+00	0.0E+00	0.0E+00	5.0E-09
457	UCART3	478619.28	3733845.39	478619.28	0.05225	0.0583	0.01402	0.02947	0.02712	0.01477	2.24E-05	2.55E-05	6.01E-06	4.76E-07	1.26E-07	2.98E-08	5.45E-05	1.9E-08	5.7E-08	3.3E-08	3.0E-08	1.4E-08	7.4E-10	4.6E-09	0.0E+00	0.0E+00	0.0E+00	5.3E-09
458	UCART3	478669.28	3733845.39	478669.28	0.05497	0.06222	0.01426	0.03073	0.02823	0.01503	2.35E-05	2.72E-05	6.11E-06	4.96E-07	1.31E-07	3.03E-08	5.75E-05	2.0E-08	6.0E-08	3.5E-08	3.2E-08	1.4E-08	7.8E-10	4.8E-09	0.0E+00	0.0E+00	0.0E+00	5.6E-09
459	UCART3	478719.28	3733845.39	478719.28	0.05787	0.06661	0.01451	0.03212	0.02945	0.0153	2.48E-05	2.91E-05	6.22E-06	5.19E-07	1.37E-07	3.08E-08	6.08E-05	2.1E-08	6.4E-08	3.7E-08	3.3E-08	1.5E-08	8.3E-10	5.1E-09	0.0E+00	0.0E+00	0.0E+00	5.9E-09
460	UCART3	478769.28	3733845.39	478769.28	0.061	0.07157	0.01477	0.03365	0.0308	0.01558	2.61E-05	3.13E-05	6.33E-06	5.44E-07	1.43E-07	3.14E-08	6.45E-05	2.2E-08	6.7E-08	3.9E-08	3.5E-08	1.6E-08	8.8E-10	5.4E-09	0.0E+00	0.0E+00	0.0E+00	6.3E-09
461	UCART3	478819.28	3733845.39	478819.28	0.06445	0.07704	0.01504	0.03503	0.03231	0.01588	2.76E-05	3.38E-05	6.45E-06	5.71E-07	1.50E-07	3.20E-08	6.85E-05	2.4E-08	7.2E-08	4.1E-08	3.8E-08	1.7E-08	9.3E-10	5.7E-09	0.0E+00	0.0E+00	0.0E+00	6.7E-09
462	UCART3	478869.28	3733845.39	478869.28	0.06793	0.08366	0.01532	0.03723	0.03398	0.01618	2.91E-05	3.66E-05	6.57E-06	6.01E-07	1.58E-07	3.26E-08	7.31E-05	2.5E-08	7.6E-08	4.4E-08	4.0E-08	1.8E-08	9.9E-10	6.1E-09	0.0E+00	0.0E+00	0.0E+00	7.1E-09
463	UCART3	478919.28	3733845.39	478919.28	0.07173	0.09106	0.0156	0.03933	0.03585	0.01649	3.07E-05	3.98E-05	6.69E-06	6.35E-07	1.67E-07	3.32E-08	7.81E-05	2.7E-08	8.2E-08	4.7E-08	4.3E-08	2.0E-08	1.1E-09	6.5E-09	0.0E+00	0.0E+00	0.0E+00	7.6E-09
464	UCART3	478969.28	3733845.39	478969.28	0.07566	0.09958	0.0159	0.04171	0.03798	0.01682	3.24E-05	4.36E-05	6.82E-06	6.74E-07	1.77E-07	3.39E-08	8.37E-05	2.9E-08	8.7E-08	5.1E-08	4.6E-08	2.1E-08	1.1E-09	7.0E-09	0.0E+00	0.0E+00	0.0E+00	8.1E-09
465	UCART3	479019.28	3733845.39	479019.28	0.07968	0.10941	0.01622	0.04441	0.04042	0.01718	3.41E-05	4.79E-05	6.95E-06	7.17E-07	1.88E-07	3.46E-08	8.99E-05	3.1E-08	9.4E-08	5.4E-08	4.9E-08	2.2E-08	1.2E-09	7.5E-09	0.0E+00	0.0E+00	0.0E+00	8.8E-09
466	UCART3	479069.28	3733845.39	479069.28	0.08371	0.12083	0.01654	0.0475	0.04323	0.01754	3.59E-05	5.29E-05	7.09E-06	7.67E-07	2.01E-07	3.54E-08	9.68E-05	3.4E-08	1.0E-07	5.9E-08	5.3E-08	2.4E-08	1.3E-09	8.1E-09	0.0E+00	0.0E+00	0.0E+00	9.4E-09
467	UCART3	479119.28	3733845.39	479119.28	0.08764	0.13406	0.01688	0.05104	0.04648	0.01791	3.75E-05	5.86E-05	7.24E-06	8.25E-07	2.16E-07	3.61E-08	1.04E-04	3.6E-08	1.1E-07	6.3E-08	5.7E-08	2.6E-08	1.4E-09	8.8E-09	0.0E+00	0.0E+00	0.0E+00	1.0E-08
468	UCART3	479169.28	3733845.39	479169.28	0.09131	0.14931	0.01722	0.05516	0.05032	0.01829	3.91E-05	6.53E-05	7.38E-06	8.91E-07	2.34E-07	3.69E-08	1.13E-04	3.9E-08	1.2E-07	6.8E-08	6.2E-08	2.8E-08	1.5E-09	9.5E-09	0.0E+00	0.0E+00	0.0E+00	1.1E-08
469	UCART3	479219.28	3733845.39	479219.28	0.09458	0.16668	0.01759	0.06001	0.0549	0.0187	4.05E-05	7.29E-05	7.54E-06	9.69E-07	2.55E-07	3.77E-08	1.22E-04	4.2E-08	1.3E-07	7.4E-08	6.7E-08	3.1E-08	1.7E-09	1.0E-08	0.0E+00	0.0E+00	0.0E+00	1.2E-08
470	UCART3	479269.28	3733845.39	479269.28	0.09728	0.186	0.01799	0.06578	0.06045	0.01915	4.17E-05	8.14E-05	7.71E-06	1.06E-06	2.81E-07	3.86E-08	1.32E-04	4.6E-08	1.4E-07	8.0E-08	7.2E-08	3.3E-08	1.8E-09	1.1E-08	0.0E+00	0.0E+00	0.0E+00	1.3E-08
471	UCART3	478719.28	3733995.39	478719.28	0.05564	0.06452	0.01449	0.03167	0.02914	0.01527	2.38E-05	2.82E-05	6.21E-06	5.12E-07	1.35E-07	3.08E-08	5.89E-05	2.0E-08	6.2E-08	3.6E-08	3.2E-08	1.5E-08	8.0E-10	4.9E-09	0.0E+00	0.0E+00	0.0E+00	5.7E-09
472	UCART3	478769.28	3733995.39	478769.28	0.0585	0.06913	0.01475	0.03313	0.03044	0.01555	2.51E-05	3.02E-05	6.32E-06	5.35E-07	1.41E-07	3.13E-08	6.23E-05	2.2E-08	6.5E-08	3.8E-08	3.4E-08	1.6E-08	8.5E-10	5.2E-09	0.0E+00	0.0E+00	0.0E+00	6.1E-09
473	UCART3	478819.28	3733995.39	478819.28	0.06151	0.0743	0.01501	0.03475	0.03188	0.01584	2.63E-05	3.25E-05	6.44E-06	5.61E-07	1.48E-07	3.19E-08	6.60E-05	2.3E-08	6.9E-08	4.0E-08	3.6E-08	1.7E-08	9.0E-10	5.5E-09	0.0E+00	0.0E+00	0.0E+00	6.4E-09
474	UCART3	478869.28	3733995.39	478869.28	0.06471	0.08017	0.01528	0.03653	0.03347	0.01613	2.77E-05	3.51E-05	6.55E-06	5.90E-07	1.56E-07	3.25E-08	7.01E-05	2.4E-08	7.3E-08	4.2E-08	3.8E-08	1.8E-08	9.5E-10	5.9E-09	0.0E+00	0.0E+00	0.0E+00	6.8E-09
475	UCART3	478919.28	3733995.39	478919.28	0.06803	0.08681	0.01557	0.03853	0.03526	0.01645	2.91E-05	3.80E-05	6.68E-06	6.22E-07	1.64E-07	3.32E-08	7.46E-05	2.6E-08	7.8E-08	4.5E-08	4.1E-08	1.9E-08	1.0E-09	6.2E-09	0.0E+00	0.0E+00	0.0E+00	7.3E-09
476	UCART3	478969.28	3733995.39	478969.28	0.07147	0.09439	0.01586	0.04075	0.03727	0.01677	3.06E-05	4.13E-05	6.80E-06	6.58E-07	1.73E-07	3.38E-08	7.96E-05	2.8E-08	8.3E-08	4.8E-08	4.4E-08	2.0E-08	1.1E-09	6.7E-09	0.0E+00	0.0E+00	0.0E+00	7.7E-09
477	UCART3	479019.28	3733995.39	479019.28	0.0749	0.10301	0.01618	0.04328	0.03959	0.01713	3.21E-05	4.51E-05	6.94E-06	6.99E-07	1.84E-07	3.45E-08	8.50E-05	2.9E-08	8.9E-08	5.1E-08	4.7E-08	2.1E-08	1.2E-09	7.1E-09	0.0E+00	0.0E+00	0.0E+00	8.3E-09
478	UCART3	479069.28	3733995.39	479069.28	0.07833	0.11289	0.0165	0.04613	0.0422	0.01748	3.36E-05	4.94E-05	7.07E-06	7.45E-07	1.96E-07	3.52E-08	9.10E-05	3.1E-08	9.5E-08	5.5E-08	5.0E-08	2.3E-08	1.2E-09	7.6E-09	0.0E+00	0.0E+00	0.0E+00	8.9E-09
479	UCART3	479119.28	3733995.39	479119.28	0.08162	0.12414	0.01683	0.04938	0.04521	0.01784	3.50E-05	5.43E-05	7.22E-06	7.98E-07	2.10E-07	3.60E-08	9.75E-05	3.4E-08	1.0E-07	5.9E-08	5.3E-08	2.4E-08	1.3E-09	8.2E-09	0.0E+00	0.0E+00	0.0E+00	9.5E-09
480	UCART3	479169.28	3733995.39	479169.28	0.08465	0.13684	0.01718	0.05312	0.04872	0.01823	3.63E-05	5.99E-05	7.37E-06	8.58E-07	2.26E-07	3.67E-08	1.05E-04	3.6E-08	1.1E-07	6.3E-08	5.7E-08	2.6E-08	1.4E-09	8.8E-09	0.0E+00	0.0E+00	0.0E+00	1.0E-08
481	UCART3	479219.28	3733995.39	479219.28	0.08732	0.15096	0.01754	0.05746	0.05285	0.01863	3.74E-05	6.60E-05	7.52E-06	9.28E-07	2.46E-07	3.76E-08	1.12E-04	3.9E-08	1.2E-07	6.8E-08	6.2E-08	2.8E-08	1.5E-09	9.4E-09	0.0E+00	0.0E+00	0.0E+00	1.1E-08
482	UCART3	479269.28	3733995.39	479269.28	0.08949	0.16623	0.01793	0.06256	0.0578	0.01908	3.83E-05	7.27E-05	7.69E-06	1.01E-06	2.69E-07	3.85E-08	1.20E-04	4.2E-08	1.3E-07	7.3E-08	6.6E-08	3.0E

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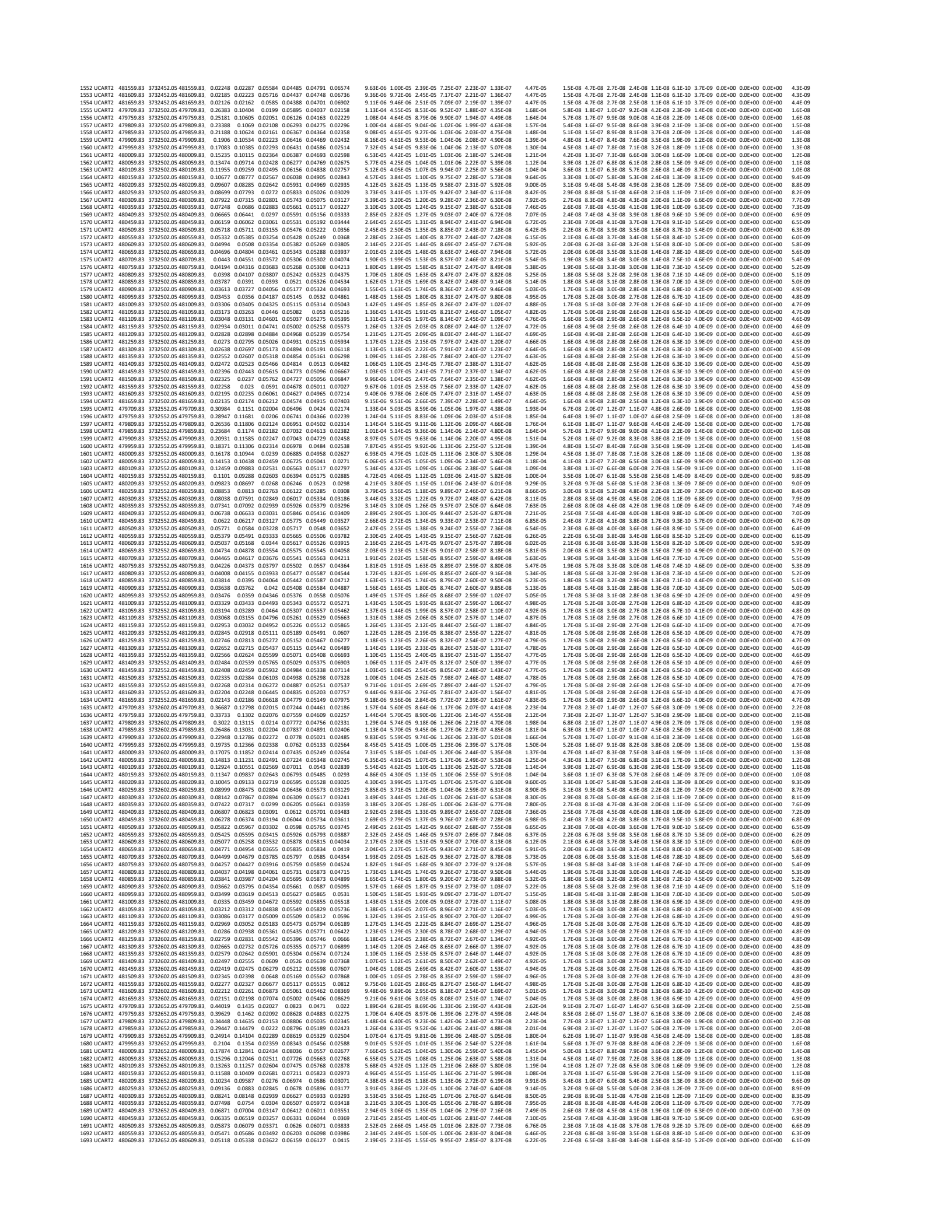
842	UCART6	479520.27	3733313.46	479520.27,	0.93453	4.39179	0.02007	0.31381	0.156	0.02157	4.00E-04	1.92E-03	8.61E-06	5.07E-06	7.25E-07	4.35E-08	2.34E-03	8.1E-07	2.4E-06	1.4E-06	1.3E-06	5.8E-07	3.2E-08	2.0E-07	0.0E+00	0.0E+00	0.0E+00	2.3E-07
843	UCART6	479550.27	3733313.46	479550.27,	0.85381	5.03807	0.02036	0.40547	0.17843	0.0219	3.66E-04	2.20E-03	8.73E-06	6.55E-06	8.29E-07	4.41E-08	2.59E-03	9.0E-07	2.7E-06	1.6E-06	1.4E-06	6.5E-07	3.5E-08	2.2E-07	0.0E+00	0.0E+00	0.0E+00	2.5E-07
844	UCART6	479580.27	3733313.46	479580.27,	0.77677	5.34797	0.02067	0.55659	0.20596	0.02225	3.33E-04	2.34E-03	8.86E-06	8.99E-06	9.57E-07	4.49E-08	2.69E-03	9.3E-07	2.8E-06	1.6E-06	1.5E-06	6.7E-07	3.7E-08	2.3E-07	0.0E+00	0.0E+00	0.0E+00	2.6E-07
845	UCART6	479610.27	3733313.46	479610.27,	0.70374	5.30658	0.02098	0.84582	0.23887	0.02262	3.01E-04	2.32E-03	9.00E-06	1.37E-05	1.11E-06	4.56E-08	2.65E-03	9.2E-07	2.8E-06	1.6E-06	1.5E-06	6.6E-07	3.6E-08	2.2E-07	0.0E+00	0.0E+00	0.0E+00	2.6E-07
846	UCART6	479640.27	3733313.46	479640.27,	0.6342	4.93631	0.02131	1.58202	0.2767	0.02299	2.72E-04	2.16E-03	9.14E-06	2.56E-05	1.29E-06	4.63E-08	2.47E-03	8.5E-07	2.6E-06	1.5E-06	1.4E-06	6.2E-07	3.4E-08	2.1E-07	0.0E+00	0.0E+00	0.0E+00	2.4E-07
847	UCART6	479670.27	3733313.46	479670.27,	0.56808	4.2654	0.02167	5.49416	0.31722	0.0234	2.43E-04	1.87E-03	9.29E-06	8.88E-05	1.47E-06	4.72E-08	2.21E-03	7.6E-07	2.3E-06	1.3E-06	1.2E-06	5.5E-07	3.0E-08	1.9E-07	0.0E+00	0.0E+00	0.0E+00	2.2E-07
848	UCART6	479490.27	3733343.46	479490.27,	0.8135	5.63497	0.01985	0.25608	0.15122	0.02131	3.48E-04	2.46E-03	8.51E-06	4.14E-06	7.03E-07	4.30E-08	2.83E-03	9.8E-07	3.0E-06	1.7E-06	1.6E-06	7.1E-07	3.8E-08	2.4E-07	0.0E+00	0.0E+00	0.0E+00	2.8E-07
849	UCART6	479520.27	3733343.46	479520.27,	0.76249	7.45423	0.02014	0.31778	0.17528	0.02163	3.27E-04	3.26E-03	8.64E-06	5.13E-06	8.15E-07	4.36E-08	3.60E-03	1.2E-06	3.8E-06	2.2E-06	2.0E-06	9.0E-07	4.9E-08	3.0E-07	0.0E+00	0.0E+00	0.0E+00	3.5E-07
850	UCART6	479550.27	3733343.46	479550.27,	0.70749	8.60852	0.02043	0.41055	0.20674	0.02197	3.03E-04	3.77E-03	8.76E-06	6.63E-06	9.61E-07	4.43E-08	4.08E-03	1.4E-06	4.3E-06	2.5E-06	2.2E-06	1.0E-06	5.6E-08	3.4E-07	0.0E+00	0.0E+00	0.0E+00	4.0E-07
851	UCART6	479580.27	3733343.46	479580.27,	0.65183	9.03719	0.02074	0.56313	0.24885	0.02233	2.79E-04	3.95E-03	8.89E-06	9.10E-06	1.16E-06	4.50E-08	4.25E-03	1.5E-06	4.4E-06	2.6E-06	2.3E-06	1.1E-06	5.8E-08	3.6E-07	0.0E+00	0.0E+00	0.0E+00	4.1E-07
852	UCART6	479610.27	3733343.46	479610.27,	0.59696	8.86443	0.02106	0.85514	0.3055	0.0227	2.56E-04	3.88E-03	9.03E-06	1.38E-05	1.42E-06	4.58E-08	4.16E-03	1.4E-06	4.3E-06	2.5E-06	2.3E-06	1.0E-06	5.7E-08	3.5E-07	0.0E+00	0.0E+00	0.0E+00	4.0E-07
853	UCART6	479640.27	3733343.46	479640.27,	0.54352	8.07159	0.02137	1.59847	0.37931	0.02306	2.33E-04	3.53E-03	9.16E-06	2.58E-05	1.76E-06	4.65E-08	3.80E-03	1.3E-06	4.0E-06	2.3E-06	2.1E-06	9.5E-07	5.2E-08	3.2E-07	0.0E+00	0.0E+00	0.0E+00	3.7E-07
854	UCART6	479670.27	3733343.46	479670.27,	0.49207	6.5805	0.02172	5.59048	0.46503	0.02347	2.11E-04	2.88E-03	9.31E-06	9.03E-05	2.16E-06	4.73E-08	3.19E-03	1.1E-06	3.3E-06	1.9E-06	1.8E-06	8.0E-07	4.3E-08	2.7E-07	0.0E+00	0.0E+00	0.0E+00	3.1E-07
855	UCART6	479490.27	3733373.46	479490.27,	0.66753	11.0344	0.0199	0.25859	0.16534	0.02138	2.86E-04	4.83E-03	8.53E-06	4.18E-06	7.69E-07	4.31E-08	5.13E-03	1.8E-06	5.4E-06	3.1E-06	2.8E-06	1.3E-06	7.0E-08	4.3E-07	0.0E+00	0.0E+00	0.0E+00	5.0E-07
856	UCART6	479520.27	3733373.46	479520.27,	0.63358	16.1311	0.0202	0.32108	0.19616	0.02171	2.71E-04	7.06E-03	8.66E-06	5.19E-06	9.12E-07	4.38E-08	7.34E-03	2.5E-06	7.7E-06	4.4E-06	4.0E-06	1.8E-06	1.0E-07	6.2E-07	0.0E+00	0.0E+00	0.0E+00	7.1E-07
857	UCART6	479550.27	3733373.46	479550.27,	0.59494	18.1328	0.0205	0.41488	0.23907	0.02205	2.55E-04	7.93E-03	8.79E-06	6.70E-06	1.11E-06	4.44E-08	8.20E-03	2.8E-06	8.6E-06	5.0E-06	4.5E-06	2.1E-06	1.1E-07	6.9E-07	0.0E+00	0.0E+00	0.0E+00	8.0E-07
858	UCART6	479580.27	3733373.46	479580.27,	0.55407	18.6855	0.0208	0.56859	0.30209	0.0224	2.37E-04	8.17E-03	8.92E-06	9.19E-06	1.40E-06	4.52E-08	8.43E-03	2.9E-06	8.8E-06	5.1E-06	4.6E-06	2.1E-06	1.1E-07	7.1E-07	0.0E+00	0.0E+00	0.0E+00	8.2E-07
859	UCART6	479610.27	3733373.46	479610.27,	0.51243	18.3402	0.02112	0.86287	0.40228	0.02276	2.19E-04	8.02E-03	9.06E-06	1.39E-05	1.87E-06	4.59E-08	8.27E-03	2.9E-06	8.6E-06	5.0E-06	4.5E-06	2.1E-06	1.1E-07	6.9E-07	0.0E+00	0.0E+00	0.0E+00	8.0E-07
860	UCART6	479640.27	3733373.46	479640.27,	0.47101	16.8292	0.02145	1.61491	0.57483	0.02314	2.02E-04	7.36E-03	9.20E-06	2.61E-05	2.67E-06	4.66E-08	7.60E-03	2.6E-06	7.9E-06	4.6E-06	4.2E-06	1.9E-06	1.0E-07	6.4E-07	0.0E+00	0.0E+00	0.0E+00	7.4E-07
861	UCART6	479670.27	3733373.46	479670.27,	0.43057	12.4448	0.0218	5.68557	0.85324	0.02355	1.84E-04	5.44E-03	9.35E-06	9.18E-05	3.97E-06	4.75E-08	5.73E-03	2.0E-06	6.0E-06	3.5E-06	3.1E-06	1.4E-06	7.8E-08	4.8E-07	0.0E+00	0.0E+00	0.0E+00	5.6E-07
862	UCART7	479575.27	3733098.6	479575.27,	7.7978	0.69111	0.02011	0.43692	0.08665	0.02169	3.34E-03	3.02E-04	8.62E-06	7.06E-06	4.03E-07	4.37E-08	3.66E-03	1.3E-06	3.8E-06	2.2E-06	2.0E-06	9.2E-07	5.0E-08	3.1E-07	0.0E+00	0.0E+00	0.0E+00	3.6E-07
863	UCART7	479605.27	3733098.6	479605.27,	7.16236	0.71888	0.02015	0.66336	0.09062	0.02203	3.07E-03	3.14E-04	8.75E-06	1.07E-05	4.21E-07	4.40E-08	3.40E-03	1.2E-06	3.6E-06	2.1E-06	1.9E-06	8.5E-07	4.6E-08	2.9E-07	0.0E+00	0.0E+00	0.0E+00	3.3E-07
864	UCART7	479635.27	3733098.6	479635.27,	6.40364	0.73552	0.02072	1.21955	0.09487	0.0224	2.74E-03	3.22E-04	8.88E-06	1.97E-05	4.41E-07	4.52E-08	3.09E-03	1.1E-06	3.2E-06	1.9E-06	1.7E-06	7.7E-07	4.2E-08	2.6E-07	0.0E+00	0.0E+00	0.0E+00	3.0E-07
865	UCART7	479665.27	3733098.6	479665.27,	4.87743	0.73781	0.02107	3.58732	0.09932	0.02279	2.09E-03	3.23E-04	9.03E-06	5.80E-05	4.62E-07	4.59E-08	2.48E-03	8.6E-07	2.6E-06	1.5E-06	1.4E-06	6.2E-07	3.4E-08	2.1E-07	0.0E+00	0.0E+00	0.0E+00	2.4E-07
866	UCART7	479575.27	3733128.6	479575.27,	4.06913	0.8365	0.02018	0.45765	0.09386	0.02176	1.74E-03	3.66E-04	8.65E-06	7.39E-06	4.36E-07	4.39E-08	2.13E-03	7.4E-07	2.2E-06	1.3E-06	1.2E-06	5.3E-07	2.9E-08	1.8E-07	0.0E+00	0.0E+00	0.0E+00	2.1E-07
867	UCART7	479605.27	3733128.6	479605.27,	3.65506	0.87039	0.02048	0.69219	0.09863	0.0221	1.57E-03	3.81E-04	8.78E-06	1.12E-05	4.58E-07	4.46E-08	1.97E-03	6.8E-07	2.1E-06	1.2E-06	1.1E-06	4.9E-07	2.7E-08	1.6E-07	0.0E+00	0.0E+00	0.0E+00	1.9E-07
868	UCART7	479635.27	3733128.6	479635.27,	3.16907	0.88747	0.0208	1.2611	0.10375	0.02248	1.36E-03	3.88E-04	8.92E-06	2.04E-05	4.82E-07	4.53E-08	1.78E-03	6.1E-07	1.9E-06	1.1E-06	9.7E-07	4.4E-07	2.4E-08	1.5E-07	0.0E+00	0.0E+00	0.0E+00	1.7E-07
869	UCART7	479665.27	3733128.6	479665.27,	2.54383	0.88342	0.02114	3.67236	0.10904	0.02287	1.09E-03	3.86E-04	9.06E-06	5.93E-05	5.07E-07	4.61E-08	1.55E-03	5.3E-07	1.6E-06	9.3E-07	8.5E-07	3.9E-07	2.1E-08	1.3E-07	0.0E+00	0.0E+00	0.0E+00	1.5E-07
870	UCART7	479575.27	3733158.6	479575.27,	2.71022	1.03203	0.02025	0.47416	0.10255	0.02183	1.16E-03	4.51E-04	8.68E-06	7.66E-06	4.77E-07	4.40E-08	1.63E-03	5.6E-07	1.7E-06	9.9E-07	8.9E-07	4.1E-07	2.2E-08	1.4E-07	0.0E+00	0.0E+00	0.0E+00	1.6E-07
871	UCART7	479605.27	3733158.6	479605.27,	2.39192	1.07397	0.02056	0.71447	0.10844	0.02218	1.02E-03	4.70E-04	8.82E-06	1.15E-05	5.04E-07	4.47E-08	1.52E-03	5.2E-07	1.6E-06	9.2E-07	8.3E-07	3.8E-07	2.1E-08	1.3E-07	0.0E+00	0.0E+00	0.0E+00	1.5E-07
872	UCART7	479635.27	3733158.6	479635.27,	2.06964	1.08893	0.02088	1.29206	0.1147	0.02256	8.87E-04	4.76E-04	8.95E-06	2.09E-05	5.33E-07	4.55E-08	1.39E-03	4.8E-07	1.5E-06	8.4E-07	7.6E-07	3.5E-07	1.9E-08	1.2E-07	0.0E+00	0.0E+00	0.0E+00	1.4E-07
873	UCART7	479665.27	3733158.6	479665.27,	1.71557	1.07291	0.02121	3.74353	0.12112	0.02295	7.35E-04	4.69E-04	9.09E-06	6.05E-05	5.63E-07	4.63E-08	1.27E-03	4.4E-07	1.3E-06	7.7E-07	7.0E-07	3.2E-07	1.7E-08	1.1E-07	0.0E+00	0.0E+00	0.0E+00	1.2E-07
874	UCART7	479575.27	3733188.6	479575.27,	1.99252	1.30427	0.02032	0.48738	0.11318	0.0219	8.53E-04	5.71E-04	8.71E-06	7.87E-06	5.26E-07	4.41E-08	1.44E-03	5.0E-07	1.5E-06	8.7E-07	7.9E-07	3.6E-07	2.0E-08	1.2E-07	0.0E+00	0.0E+00	0.0E+00	1.4E-07
875	UCART7	479605.27	3733188.6	479605.27,	1.74592	1.35459	0.02062	0.73114	0.12056	0.02225	7.48E-04	5.93E-04	8.84E-06	1.18E-05	5.66E-07	4.49E-08	1.36E-03	4.7E-07	1.4E-06	8.2E-07	7.5E-07	3.4E-07	1.9E-08	1.1E-07	0.0E+00	0.0E+00	0.0E+00	1.3E-07
876	UCART7	479635.27	3733188.6	479635.27,	1.51571	1.36386	0.02095	1.31645	0.12851	0.02263	6.49E-04	5.97E-04	8.98E-06	2.13E-05	5.97E-07	4.56E-08	1.28E-03	4.4E-07	1.3E-06	7.7E-07	7.0E-07	3.2E-07	1.7E-08	1.1E-07	0.0E+00	0.0E+00	0.0E+00	1.2E-07
877	UCART7	479665.27	3733188.6	479665.27,	1.28413	1.32844	0.0213	3.81165	0.13671	0.02303	5.50E-04	5.81E-04	9.13E-06	6.16E-05	6.35E-07	4.64E-08	1.20E-03	4.2E-07	1.3E-06	7.3E-07	6.6E-07	3.0E-07	1.6E-08	1.0E-07	0.0E+00	0.0E+00	0.0E+00	1.2E-07
878	UCART8	479378	3732025.27	479378, 37	0.07727	0.04595	0.01614	0.02879	0.02467	0.01724	3.31E-05	2.01E-05	6.92E-06	4.65E-07	1.15E-07	3.48E-08	6.07E-05	2.1E-08	6.3E-08	3.7E-08	3.3E-08	1.5E-08	8.3E-10	5.1E-09	0.0E+00	0.0E+00	0.0E+00	5.9E-09
879	UCART8	479428	3732025.27	479428, 37	0.07991	0.04727	0.01648	0.02948	0.02519	0.01762	3.42E-05	2.07E-05	7.07E-06	4.76E-07	1.17E-07	3.55E-08	6.26E-05	2.2E-08	6.5E-08	3.8E-08	3.4E-08	1.6E-08	8.5E-10	5.2E-09	0.0E+00	0.0E+00	0.0E+00	6.1E-09
880	UCART8	479478	3732025.27	479478, 37	0.08255	0.04865	0.01684	0.03027	0.0258	0.01803	3.54E-05	2.13E-05	7.22E-06	4.89E-07	1.20E-07	3.63E-08	6.45E-05	2.2E-08	6.7E-08	3.9E-08	3.5E-08	1.6E-08	8.8E-10	5.4E-09	0.0E+00	0.0E+00	0.0E+00	6.3E-09
881	UCART8	479528	3732025.27	479528, 37	0.08488	0.04987	0.0172	0.03108	0.02641	0.01844	3.64E-05	2.18E-05	7.37E-06	5.02E-07	1.23E-07	3.72E-08	6.62E-05	2.3E-08	6.9E-08	4.0E-08	3.6E-08	1.7E-08	9.0E-10	5.5E-09	0.0E+00	0.0E+00	0.0E+00	6.4E-09
882	UCART8	479578	3732025.27	479578, 37	0.08666	0.05083	0.01753	0.03182	0.02695	0.01882	3.71E-05	2.22E-05	7.52E-06	5.14E-07	1.25E-07	3.79E-08	6.75E-05	2.3E-08	7.1E-08	4.1E-08	3.7E-08	1.7E-08	9.2E-10	5.7E-09	0.0E+00	0.0E+00	0.0E+00	6.6E-09
883	UCART8	479628	3732025.27	479628, 37	0.08779	0.05154	0.01784	0.03245	0.02741	0.01916	3.76E-05	2.25E-05	7.65E-06	5.24E-07	1.27E-07	3.86E-08	6.85E-05	2.4E-08	7.2E-08	4.1E-08	3.8E-08	1.7E-08	9.3E-10	5.7E-09	0.0E+00	0.0E+00	0.0E+00	6.7E-09
884	UCART8	479678	3732025.27	479678, 37	0.08865	0.05216	0.01816	0.03311	0.02791	0.01952	3.80E-05	2.28E-05	7.79E-06	5.35E-07	1.30E-07	3.93E-08	6.93E-05	2.4E-08	7.2E-08	4.2E-08	3.8E-08	1.7E-08	9.4E-10	5.8E-09	0.0E+00	0.0E+00	0.0E+00	6.7E-09
885	UCART8	479378	3732075.27	479378, 37	0.08343	0.04825	0.01623	0.02981	0.02532	0.01736	3.57E-05	2.11E-05	6.96E-06	4.82E-07	1.18E-07	3.50E-08	6.44E-05	2.2E-08	6.7E-08	3.9E-08	3.5E-08	1.6E-08	8.8E-10	5.4E-09	0.0E+00	0.0E+00	0.0E+00	6.3E-09
886	UCART8	479428	3732075.27	479428, 37	0.08657	0.04973	0.0166	0.03058	0.0259	0.01777	3.71E-05	2.18E-05	7.12E-06	4.94E-07	1.20E-07	3.58E-08	6.66E-05	2.3E-08	7.0E-08	4.0E-08	3.7E-08	1.7E-08	9.1E-10	5.6E-09	0.0E+00	0.0E+00	0.0E+00	6.5E-09
887	UCART8	479478	3732075.27	479478, 37	0.08935	0.05131	0.01696	0.03136	0.02648	0.01817	3.83E-05	2.24E-05	7.27E-06	5.07E-07	1.23E-07	3.68E-08	6.86E-05	2.4E-08	7.2E-08	4.1E-08	3.8E-08	1.7E-08	9.3E-10	5.7E-09	0.0E+00	0.0E+00	0.0E+00	6.7E-09
888	UCART8	479528	3732075.27	479528, 37	0.09235	0.05258	0.01736	0.03232	0.0272	0.01864	3.96E-05	2.30E-05	7.44E-06	5.22E-07	1.26E-07	3.76E-08	7.07E-05	2.4E-08	7.4E-08	4.3E-08	3.9E-08	1.8E-08	9.6E-10	5.9E-09	0.0E+00	0.0E+00	0.0E+00	6.9E-09
889	UCART8	479578	3732075.27	479578, 37	0.09452	0.05369	0.01773	0.03316	0.0278	0.01906	4.05E-05	2.35E-05	7.60E-06	5.36E-07	1.29E-07	3.84E-08	7.23E-05	2.5E-08	7.6E-08	4.4E-08	4.0E-08	1.8E-08	9.8E-10	6.1E-09	0.0E+00	0.0E+00	0.0E+00	7.0E-09
890	UCART8	479628	3732075.27	479628, 37	0.09611	0.05459	0.01808	0.03394	0.02837	0.01946	4.12E-05	2.39E-05	7.75E-06	5.48E-07	1.32E-07	3.92E-08	7.35E-05	2.5E-08	7.7E-08	4.4E-08	4.0E-08	1.8E-08	1.0E-09	6.2E-09	0.0E+00	0.0E+00	0.0E+00	7.2E-09
891	UCART8	479678	3732075.27	479678, 37	0.0973	0.05538	0.01844	0.03472	0.02895	0.01988	4.17E-05	2.42E-05	7.91E-06	5.61E-07	1.35E-07	4.01E-08	7.45E-05	2.6E-08	7.8E-08	4.5E-08	4.1E-08	1.9E-08	1.0E-09	6.2E-09	0.0E+00	0.0E+00	0.0E+00	7.3E-09
892	UCART8	479378	3732125.27	479378, 37	0.0909	0.05098	0.01634	0.03101	0.02608	0.01748	3.89E-05	2.23E-05	7.01E-06	5.01E-07	1.21E-07	3.52E-08	6.89E-05	2.4E-08	7.2E-08	4.2E-08	3.8E-08	1.7E-08	9.4E-10	5.8E-09	0.0E+00	0.0E+00	0.0E+00	6.7E-09
893	UCART8	479428	3732125.27	479428, 37	0.09457	0.0526	0.01673	0.03186	0.02671	0.01791	4.05E-05	2.30E-05	7.17E-06	5.15E-07	1.24E-07	3.61E-08	7.14E-05	2.5E-08	7.5E-08	4.3E-08	3.9E-08	1.8E-08	9.7E-10	6.0E-09	0.0E+00	0.0E+00	0.0E+00	6.9E-09
894	UCART8	479478	3732125.27	479478, 37	0.09763	0.05398	0.01708	0.03264	0.02728	0.01832	4.18E-05	2.36E-05	7.32E-06	5.27E-07	1.27E-07	3.69E-08	7.34E-05	2.5E-08	7.7E-08	4.4E-08	4.0E-08	1.8E-08	1.0E-09	6.2E-09	0.0E+00	0.0E+00	0.0E+00	7.2E-09
895	UCART8	479528	3732125.27	479528, 37	0.10105	0.05557	0.0175	0.03368	0.02802	0.01881	4.33E-05	2.43E-05	7.50E-06	5.44E-07	1.30E-07	3.79E-08	7.58E-05	2.6E-08	7.9E-08	4.6E-08	4.2E-08	1.9E-08	1.0E-09	6.4E-09	0.0E+00	0.0E+00	0.0E+00	7.4E-09
896	UCART8	479578	3732125.27	479578, 37	0.10339	0.05674	0.01788	0.03454	0.02863	0.01924	4.43E-05	2.48E-05	7.67E-06	5.58E-07	1.33E-07	3.88E-08	7.75E-05	2.7E-08	8.1E-08	4.7E-08	4.3E-08	1.9E-08	1.1E-09	6.5E-09	0.0E+00	0.0E+00	0.0E+00	7.5E-09
897	UCART8	479628	3732125.27	479628, 37	0.10515	0.05773	0.01825	0.03539	0.02923	0.01966	4.50E-05	2.53E-05	7.82E-06	5.72E-07	1.36E-07	3.96E-08	7.89E-05	2.7E-08	8.2E-08	4.8E-08	4.3E-08	2.0E-08	1.1E-09	6.6E-09	0.0E+00	0.0E+00	0.0E+00	7.7E-09
898	UCART8	479678	3732125.27	479678, 37	0.1067	0.05871	0.01865	0.03631	0.02999	0.02013	4.57E-05	2.57E-05	8.00E-06	5.87E-07	1.39E-07	4.06E-08	8.01E-05	2.8E-08	8.4E-08	4.8E-08	4.4E-08	2.0E-08	1.1E-09	6.7E-09	0.0E+00	0.0E+00	0.0E+00	7.8E-09
899	UCART8	479378	3732175.27	479378, 37	0.09929	0.05382	0.01642	0.03223	0.02682	0.01757	4.25E-05	2.35E-05	7.04E-06	5.21E-07	1.25E-07	3.54E-08	7.38E-05	2.6E-08	7.7E-08	4.5E-08	4.0E-08	1.8E-08	1.0E-09	6.2E-09	0.0E+00	0.0E+00	0.0E+00	7.2E-09
900	UCART8	479428	3732175.27	479428, 37	0.10354	0.05556	0.01681	0.03314	0.02747	0.01801	4.44E-05	2.43E-05	7.21E-06	5.35E-07	1.28E-07	3.63E-08	7.66E-05	2.7E-08	8.0E-08	4.6E-08	4.2E-08	1.9E-08	1.0E-09	6.4E-09	0.0E+00	0.0E+00	0.0E+00	7.5E-09
901	UCART8	479478	3732175.27	479478, 37	0.10748	0.05723	0.0172	0.03409	0.02815	0.01846	4.60E-05	2.50E-05	7.37E-06	5.51E-07	1.31E-07	3.72E-08	7.92E-05	2.7E-08	8.3E-08	4.8E-08	4.3E-08	2.0E-08	1.1E-09	6.6E-09	0.0E+00	0.0E+00	0.0E+00	7.7E-09
902	UCART8	479528	3732175.27	479528, 37	0.11096	0.05877	0.0176	0.03507	0.02884	0.01892	4.75E-05	2.57E-05	7.55E-06	5.67E-07	1.34E-07	3.81E-08	8.15E-05	2.8E-08	8.5E-08	4.9E-08	4.5E-08	2.0E-08	1.1E-09	6.8E-09	0.0E+00	0.0E+00	0.0E+00	7.9E-09
903	UCART8	479578	3732175.27	479578, 37	0.11359	0.06005	0.01799	0.03601	0.02947	0.01937	4.87E-05	2.63E-05	7.71E-06	5.82E-07	1.37E-07	3.90E-08	8.34E-05	2.9E-08	8.7E-08	5.0E-08	4.6E-08	2.1E-08	1.1E-09	7.0E-09	0.0E+00	0.0E+00	0.0E+00	8.1E-09
904	UCART8	479628	3732175.27	479628, 37	0.11569	0.06121	0.01839	0.03697	0.03013	0.01983	4.96E-05	2.68E-05	7.88E-06	5.97E-07	1.40E-07	4.00E-08	8.50E-05	2.9E-08	8.9E-08	5.1E-08	4.7E-08	2.1E-08	1.2E-09	7.1E-09	0.0E+00	0.0E+00	0.0E+00	8.3E-09
905	UCART8	479678	3732175.27	479678, 37	0.11711	0.06222	0.0188	0.03794	0.03081	0.02031	5.02E-05	2.72E-05	8.06E-06	6.13E-07	1.43E-07	4.09E-08	8.62E-05	3.0E-08	9.0E-08	5.2E-08	4.7E-08	2.2E-08	1.2E-09	7.2E-09	0.0E+00	0.0E+00	0.0E+00	8.4E-09
906	UCART8	479378	3732225.27	479378, 37	0.10947	0.05713	0.0165	0.03364	0.02766	0.01766	4.69E-05	2.50E-05	7.07E-06	5.43E-07	1.29E-07	3.56E-08	7.97E-05	2.8E-08	8.3E-08	4.8E-08	4.4E-08	2.0E-08	1.1E-09	6.7E-09	0.0E+00	0.0E+00	0.0E+00	7.8E-09
907	UCART8	479428	3732225.27	479428, 37	0.11473	0.0591	0.01692	0.0347	0.0284	0.01814	4.91E-05	2.59E-05	7.25E-06	5.61E-07	1.32E-07	3.66E-08	8.30E-05	2.9E-08	8.7E-08	5.0E-08	4.6E-08	2.1E-08	1.1E-09	7.0E-09	0.0E+00	0.0E+00	0.0E+00	8.1E-09
908	UCART8	479478	3732225.27	479478, 37	0.11906	0.06079	0.0173	0.03565	0.02905	0.01858	5.10E-05	2.66E-05	7.42E-06	5.76E-07	1.35E-07	3.75E-08	8.58E-05	3.0E-08	9.0E-08	5.2E-08	4.7E-08	2.1E-08	1.2E-09	7.2E-09	0.0E+00	0

984	UCART8	479428	3732775.27	479428, 37	0.92745	0.15461	0.01795	0.07566	0.04392	0.0193	3.97E-04	6.76E-05	7.70E-06	1.22E-06	2.04E-07	3.89E-08	4.74E-04	1.6E-07	5.0E-07	2.9E-07	2.6E-07	1.2E-07	6.4E-09	4.0E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	4.6E-08
985	UCART8	479478	3732775.27	479478, 37	1.01017	0.16399	0.01837	0.08324	0.04571	0.01978	4.33E-04	7.17E-05	7.88E-06	1.34E-06	2.12E-07	3.99E-08	5.14E-04	1.8E-07	5.4E-07	3.1E-07	2.8E-07	1.3E-07	7.0E-09	4.3E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	5.0E-08
986	UCART8	479528	3732775.27	479528, 37	1.04201	0.1737	0.01883	0.09204	0.04763	0.02031	4.46E-04	7.60E-05	8.07E-06	1.49E-06	2.21E-07	4.09E-08	5.32E-04	1.8E-07	5.6E-07	3.2E-07	2.9E-07	1.3E-07	7.2E-09	4.5E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	5.2E-08
987	UCART8	479578	3732775.27	479578, 37	1.00538	0.1816	0.01922	0.10068	0.04934	0.02077	4.31E-04	7.94E-05	8.24E-06	1.63E-06	2.29E-07	4.19E-08	5.20E-04	1.8E-07	5.4E-07	3.1E-07	2.9E-07	1.3E-07	7.1E-09	4.4E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	5.1E-08
988	UCART8	479628	3732775.27	479628, 37	0.93367	0.18952	0.01971	0.11115	0.05137	0.02133	4.00E-04	8.29E-05	8.45E-06	1.80E-06	2.39E-07	4.30E-08	4.93E-04	1.7E-07	5.2E-07	3.0E-07	2.7E-07	1.2E-07	6.7E-09	4.1E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	4.8E-08
989	UCART8	479678	3732775.27	479678, 37	0.83197	0.19671	0.0203	0.12304	0.05369	0.02201	3.56E-04	8.60E-05	8.70E-06	1.99E-06	2.50E-07	4.44E-08	4.53E-04	1.6E-07	4.7E-07	2.7E-07	2.5E-07	1.1E-07	6.2E-09	3.8E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	4.4E-08
990	UCART8	479378	3732825.27	479378, 37	1.18244	0.16545	0.01767	0.07609	0.04448	0.01897	5.06E-04	7.24E-05	7.58E-06	1.23E-06	2.07E-07	3.82E-08	5.88E-04	2.0E-07	6.1E-07	3.6E-07	3.2E-07	1.5E-07	8.0E-09	4.9E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	5.7E-08
991	UCART8	479428	3732825.27	479428, 37	1.37604	0.17604	0.01804	0.08459	0.0463	0.01939	5.89E-04	7.70E-05	7.73E-06	1.37E-06	2.15E-07	3.91E-08	6.76E-04	2.3E-07	7.1E-07	4.1E-07	3.7E-07	1.7E-07	9.2E-09	5.7E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	6.6E-08
992	UCART8	479478	3732825.27	479478, 37	1.51216	0.18894	0.01852	0.09608	0.04853	0.01994	6.48E-04	8.26E-05	7.94E-06	1.55E-06	2.26E-07	4.02E-08	7.40E-04	2.6E-07	7.7E-07	4.5E-07	4.1E-07	1.9E-07	1.0E-08	6.2E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	7.2E-08
993	UCART8	479528	3732825.27	479528, 37	1.53811	0.20119	0.01899	0.10946	0.05071	0.02047	6.59E-04	8.80E-05	8.14E-06	1.77E-06	2.36E-07	4.13E-08	7.57E-04	2.6E-07	7.9E-07	4.6E-07	4.2E-07	1.9E-07	1.0E-08	6.3E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	7.4E-08
994	UCART8	479578	3732825.27	479578, 37	1.45626	0.21156	0.01939	0.12401	0.05274	0.02095	6.24E-04	9.25E-05	8.31E-06	2.00E-06	2.45E-07	4.22E-08	7.22E-04	2.5E-07	7.6E-07	4.4E-07	4.0E-07	1.8E-07	9.9E-09	6.1E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	7.1E-08
995	UCART8	479628	3732825.27	479628, 37	1.3092	0.22097	0.01986	0.14111	0.05498	0.02149	5.61E-04	9.67E-05	8.52E-06	2.28E-06	2.56E-07	4.33E-08	6.69E-04	2.3E-07	7.0E-07	4.0E-07	3.7E-07	1.7E-07	9.1E-09	5.6E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	6.5E-08
996	UCART8	479678	3732825.27	479678, 37	1.1153	0.22869	0.02041	0.1603	0.05748	0.02213	4.78E-04	1.00E-04	8.75E-06	2.59E-06	2.67E-07	4.46E-08	5.89E-04	2.0E-07	6.2E-07	3.6E-07	3.2E-07	1.5E-07	8.0E-09	4.9E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	5.7E-08
997	UCART8	479378	3732875.27	479378, 37	1.9249	0.19075	0.01782	0.08407	0.04713	0.01912	8.25E-04	8.34E-05	7.64E-06	1.36E-06	2.19E-07	3.85E-08	9.17E-04	3.2E-07	9.6E-07	5.5E-07	5.0E-07	2.3E-07	1.2E-08	7.7E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	8.9E-08
998	UCART8	479428	3732875.27	479428, 37	2.2902	0.20467	0.0182	0.09574	0.04928	0.01956	9.81E-04	8.95E-05	7.80E-06	1.55E-06	2.29E-07	3.94E-08	1.08E-03	3.7E-07	1.1E-06	6.5E-07	5.9E-07	2.7E-07	1.5E-08	9.0E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.1E-07
999	UCART8	479478	3732875.27	479478, 37	2.47429	0.2202	0.01865	0.11165	0.05168	0.02007	1.06E-03	9.63E-05	8.00E-06	1.80E-06	2.40E-07	4.05E-08	1.17E-03	4.0E-07	1.2E-06	7.1E-07	6.4E-07	2.9E-07	1.6E-08	9.8E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.1E-07
1000	UCART8	479528	3732875.27	479528, 37	2.47341	0.23577	0.01911	0.13278	0.05417	0.0206	1.06E-03	1.03E-04	8.19E-06	2.14E-06	2.52E-07	4.15E-08	1.17E-03	4.1E-07	1.2E-06	7.1E-07	6.4E-07	2.9E-07	1.6E-08	9.8E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.1E-07
1001	UCART8	479578	3732875.27	479578, 37	2.30574	0.25018	0.01956	0.16046	0.05669	0.02113	9.88E-04	1.09E-04	8.39E-06	2.59E-06	2.64E-07	4.26E-08	1.11E-03	3.8E-07	1.2E-06	6.7E-07	6.1E-07	2.8E-07	1.5E-08	9.3E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.1E-07
1002	UCART8	479628	3732875.27	479628, 37	2.02213	0.26313	0.02008	0.19661	0.05948	0.02172	8.66E-04	1.15E-04	8.61E-06	3.18E-06	2.76E-07	4.38E-08	9.93E-04	3.4E-07	1.0E-06	6.0E-07	5.4E-07	2.5E-07	1.4E-08	8.3E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	9.7E-08
1003	UCART8	479678	3732875.27	479678, 37	1.63011	0.27233	0.02065	0.2376	0.06242	0.02238	6.98E-04	1.19E-04	8.85E-06	3.84E-06	2.90E-07	4.51E-08	8.30E-04	2.9E-07	8.7E-07	5.0E-07	4.6E-07	2.1E-07	1.1E-08	7.0E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	8.1E-08
1004	UCART1	479704.31	3733711.83	479704.31,	0.14112	0.70803	0.02249	3.40537	3.86564	0.02435	6.04E-05	3.10E-04	9.64E-06	5.50E-05	1.80E-05	4.91E-08	4.53E-05	1.6E-07	4.7E-07	2.7E-07	2.5E-07	1.1E-07	6.2E-09	3.8E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	4.4E-08
1005	UCART1	479754.31	3733711.83	479754.31,	0.13254	0.58326	0.02413	3.35536	3.79264	0.0251	5.68E-05	2.55E-04	9.92E-06	5.42E-05	1.75E-05	5.06E-08	3.94E-04	1.4E-07	4.1E-07	2.4E-07	2.2E-07	9.9E-08	5.4E-09	3.5E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	3.8E-08
1006	UCART1	479804.31	3733711.83	479804.31,	0.12391	0.47131	0.0238	3.28924	3.69536	0.02589	5.31E-05	2.06E-04	1.02E-05	5.31E-05	1.72E-05	5.22E-08	3.40E-04	1.2E-07	3.6E-07	2.1E-07	1.9E-07	8.5E-08	4.6E-09	2.8E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	3.3E-08
1007	UCART1	479854.31	3733711.83	479854.31,	0.11548	0.37972	0.02452	3.24416	3.62453	0.02672	4.95E-05	1.66E-04	1.05E-05	5.24E-05	1.68E-05	5.39E-08	2.95E-04	1.0E-07	3.1E-07	1.8E-07	1.6E-07	7.4E-08	4.0E-09	2.5E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.9E-08
1008	UCART1	479904.31	3733711.83	479904.31,	0.1074	0.3082	0.02528	3.20238	3.55895	0.02761	4.60E-05	1.35E-04	1.08E-05	5.17E-05	1.65E-05	5.57E-08	2.60E-04	9.0E-08	2.7E-07	1.6E-07	1.4E-07	6.5E-08	3.5E-09	2.2E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.5E-08
1009	UCART1	479954.31	3733711.83	479954.31,	0.09977	0.25344	0.0261	3.16603	3.50054	0.02858	4.27E-05	1.11E-04	1.12E-05	5.11E-05	1.63E-05	5.76E-08	2.32E-04	8.0E-08	2.4E-07	1.4E-07	1.3E-07	5.8E-08	3.2E-09	1.9E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.3E-08
1010	UCART1	480004.31	3733711.83	480004.31,	0.09265	0.21161	0.02697	3.13444	3.44811	0.02962	3.97E-05	9.26E-05	1.16E-05	5.06E-05	1.60E-05	5.97E-08	2.11E-04	7.3E-08	2.2E-07	1.3E-07	1.2E-07	5.3E-08	2.9E-09	1.8E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.0E-08
1011	UCART1	480054.31	3733711.83	480054.31,	0.08609	0.17941	0.0279	3.10329	3.39657	0.03072	3.69E-05	7.85E-05	1.20E-05	5.01E-05	1.58E-05	6.19E-08	1.93E-04	6.7E-08	2.0E-07	1.2E-07	1.1E-07	4.8E-08	2.6E-09	1.6E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.9E-08
1012	UCART1	480104.31	3733711.83	480104.31,	0.08009	0.15432	0.02888	3.07258	3.34605	0.03189	3.43E-05	6.75E-05	1.24E-05	4.96E-05	1.56E-05	6.43E-08	1.79E-04	6.2E-08	1.9E-07	1.1E-07	9.8E-08	4.5E-08	2.4E-09	1.5E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.7E-08
1013	UCART1	480154.31	3733711.83	480154.31,	0.07463	0.13447	0.02994	3.0431	3.29732	0.03316	3.20E-05	5.88E-05	1.28E-05	4.92E-05	1.53E-05	6.68E-08	1.68E-04	5.8E-08	1.8E-07	1.0E-07	9.2E-08	4.2E-08	2.3E-09	1.4E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.6E-08
1014	UCART1	480204.31	3733711.83	480204.31,	0.06967	0.11853	0.03108	3.01375	3.24916	0.03452	2.98E-05	5.18E-05	1.33E-05	4.87E-05	1.51E-05	6.96E-08	1.59E-04	5.5E-08	1.7E-07	9.6E-08	8.7E-08	4.0E-08	2.2E-09	1.3E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.5E-08
1015	UCART1	480254.31	3733711.83	480254.31,	0.06519	0.10555	0.03231	2.9854	3.20271	0.03601	2.79E-05	4.62E-05	1.39E-05	4.82E-05	1.49E-05	7.26E-08	1.51E-04	5.2E-08	1.6E-07	9.1E-08	8.3E-08	3.8E-08	2.1E-09	1.3E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.5E-08
1016	UCART1	480304.31	3733711.83	480304.31,	0.06111	0.09481	0.03363	2.94348	3.14507	0.03763	2.62E-05	4.15E-05	1.44E-05	4.76E-05	1.46E-05	7.59E-08	1.44E-04	5.0E-08	1.5E-07	8.7E-08	7.9E-08	3.6E-08	2.0E-09	1.2E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.4E-08
1017	UCART1	480354.31	3733711.83	480354.31,	0.05741	0.08583	0.03504	2.87545	3.0596	0.03935	2.46E-05	3.75E-05	1.50E-05	4.65E-05	1.42E-05	7.93E-08	1.38E-04	4.8E-08	1.4E-07	8.3E-08	7.6E-08	3.5E-08	1.9E-09	1.2E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.3E-08
1018	UCART1	480404.31	3733711.83	480404.31,	0.0541	0.07828	0.0366	2.85216	3.01826	0.04126	2.32E-05	3.42E-05	1.57E-05	4.61E-05	1.40E-05	8.32E-08	1.33E-04	4.6E-08	1.4E-07	8.1E-08	7.3E-08	3.3E-08	1.8E-09	1.1E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.3E-08
1019	UCART1	480454.31	3733711.83	480454.31,	0.05112	0.07186	0.03831	2.83092	2.98138	0.04337	2.19E-05	3.14E-05	1.64E-05	4.57E-05	1.39E-05	8.74E-08	1.29E-04	4.5E-08	1.4E-07	7.8E-08	7.1E-08	3.2E-08	1.8E-09	1.1E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.3E-08
1020	UCART1	480504.31	3733711.83	480504.31,	0.04841	0.06634	0.0402	2.8075	2.94291	0.0457	2.07E-05	2.90E-05	1.72E-05	4.54E-05	1.37E-05	9.21E-08	1.26E-04	4.4E-08	1.3E-07	7.6E-08	6.9E-08	3.2E-08	1.7E-09	1.1E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.2E-08
1021	UCART1	480554.31	3733711.83	480554.31,	0.04595	0.06156	0.04227	2.78238	2.90313	0.04829	1.97E-05	2.69E-05	1.81E-05	4.49E-05	1.35E-05	9.73E-08	1.23E-04	4.3E-08	1.3E-07	7.5E-08	6.8E-08	3.1E-08	1.7E-09	1.0E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.2E-08
1022	UCART1	480604.31	3733711.83	480604.31,	0.0437	0.05737	0.04458	2.76195	2.86884	0.05118	1.87E-05	2.51E-05	1.91E-05	4.46E-05	1.33E-05	1.03E-07	1.21E-04	4.2E-08	1.3E-07	7.3E-08	6.6E-08	3.0E-08	1.6E-09	1.0E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.2E-08
1023	UCART1	480654.31	3733711.83	480654.31,	0.04164	0.05369	0.04715	2.74401	2.83753	0.05442	1.78E-05	2.35E-05	2.02E-05	4.43E-05	1.32E-05	1.10E-07	1.19E-04	4.1E-08	1.2E-07	7.2E-08	6.5E-08	3.0E-08	1.6E-09	1.0E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.2E-08
1024	UCART1	480704.31	3733711.83	480704.31,	0.03974	0.05043	0.05003	2.7252	2.80552	0.05807	1.70E-05	2.21E-05	2.15E-05	4.40E-05	1.30E-05	1.17E-07	1.18E-04	4.1E-08	1.2E-07	7.1E-08	6.5E-08	2.9E-08	1.6E-09	9.9E-09	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.1E-08
1025	UCART1	480754.31	3733711.83	480754.31,	0.038	0.04752	0.05329	2.70654	2.77407	0.06223	1.63E-05	2.08E-05	2.28E-05	4.37E-05	1.29E-05	1.25E-07	1.17E-04	4.0E-08	1.2E-07	7.1E-08	6.4E-08	2.9E-08	1.6E-09	9.8E-09	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.1E-08
1026	UCART1	480804.31	3733711.83	480804.31,	0.03639	0.04491	0.05699	2.68672	2.74183	0.06699	1.56E-05	1.96E-05	2.44E-05	4.34E-05	1.27E-05	1.35E-07	1.16E-04	4.0E-08	1.2E-07	7.0E-08	6.4E-08	2.9E-08	1.6E-09	9.7E-09	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.1E-08
1027	UCART1	480854.31	3733711.83	480854.31,	0.03491	0.04258	0.06125	2.67479	2.71754	0.07249	1.50E-05	1.86E-05	2.63E-05	4.32E-05	1.26E-05	1.46E-07	1.16E-04	4.0E-08	1.2E-07	7.0E-08	6.4E-08	2.9E-08	1.6E-09	9.7E-09	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.1E-08
1028	UCART1	479704.31	3733761.83	479704.31,	0.12654	0.53423	0.02246	0.8156	0.89312	0.0243	5.42E-05	2.34E-04	9.63E-06	1.32E-05	4.15E-06	4.90E-08	3.15E-04	1.1E-07	3.3E-07	1.9E-07	1.7E-07	7.9E-08	4.3E-09	2.6E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	3.1E-08
1029	UCART1	479754.31	3733761.83	479754.31,	0.1197	0.4584	0.0233	0.87568	0.96626	0.02504	5.13E-05	2.25E-04	9.90E-06	1.41E-05	4.49E-06	5.03E-08	2.80E-04	9.7E-08	2.9E-07	1.5E-07	1.5E-07	7.0E-08	3.8E-09	2.3E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.7E-08
1030	UCART1	479804.31	3733761.83	479804.31,	0.11275	0.38626	0.02377	0.87722	0.96894	0.02582	4.83E-05	1.69E-04	1.02E-05	1.42E-05	4.50E-06	5.20E-08	2.46E-04	8.5E-08	2.6E-07	1.5E-07	1.4E-07	6.2E-08	3.3E-09	2.1E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.4E-08
1031	UCART1	479854.31	3733761.83	479854.31,	0.10589	0.323	0.02447	0.86873	0.95981	0.02663	4.54E-05	1.41E-04	1.05E-05	1.40E-05	4.46E-06	5.37E-08	2.16E-04	7.5E-08	2.3E-07	1.3E-07	1.2E-07	5.4E-08	2.9E-09	1.8E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.1E-08
1032	UCART1	479904.31	3733761.83	479904.31,	0.0992	0.27035	0.02522	0.86074	0.95128	0.02752	4.25E-05	1.18E-04	1.08E-05	1.39E-05	4.42E-06	5.55E-08	1.90E-04	6.6E-08	2.0E-07	1.1E-07	1.0E-07	4.8E-08	2.6E-09	1.6E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.8E-08
1033	UCART1	479954.31	3733761.83	479954.31,	0.09282	0.22778	0.02603	0.85326	0.94332	0.02846	3.98E-05	9.96E-05	1.12E-05	1.38E-05	4.39E-06	5.74E-08	1.69E-04	5.8E-08	1.8E-07	1.0E-07	9.3E-08	4.2E-08	2.3E-09	1.4E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.6E-08
1034	UCART1	480004.31	3733761.83	480004.31,	0.08676	0.19378	0.0269	0.84932	0.93928	0.0295	3.72E-05	8.48E-05	1.15E-05	1.37E-05	4.37E-06	5.95E-08	1.52E-04	5.2E-08	1.6E-07	9.2E-08	8.3E-08	3.8E-08	2.1E-09	1.3E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.5E-08
1035	UCART1	480054.31	3733761.83	480054.31,	0.08112	0.16673	0.02781	0.84397	0.93347	0.03057	3.47E-05	7.29E-05	1.19E-05	1.36E-05	4.34E-06	6.16E-08	1.38E-04	4.8E-08	1.4E-07	8.3E-08	7.5E-08	3.4E-08	1.9E-09	1.2E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.3E-08
1036	UCART1	480104.31	3733761.83	480104.31,	0.0759	0.14508	0.02878	0.8374	0.92609	0.03171	3.25E-05	6.35E-05	1.23E-05	1.35E-05	4.30E-06	6.39E-08	1.26E-04	4.4E-08	1.3E-07	7.6E-08	6.9E-08	3.2E-08	1.7E-09	1.1E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.2E-08
1037	UCART1	480154.31	3733761.83	480154.31,	0.07108	0.12759	0.02983	0.83324	0.92126	0.03296	3.04E-05	5.58E-05	1.28E-05	1.35E-05	4.28E-06	6.64E-08	1.17E-04	4.0E-08	1.2E-07	7.1E-08	6.4E-08	2.9E-08	1.6E-09	9.8E-09	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.1E-08
1038	UCART1	480204.31	3733761.83	480204.31,	0.06665	0.11331	0.03096	0.8303	0.91771	0.03432	2.85E-05	4.96E-05	1.33E-05	1.34E-05	4.27E-06	6.92E-08	1.09E-04	3.8E-08	1.1E-07	6.6E-08	6.0E-08	2.7E-08	1.5E-09	9.1E-09	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.0E-08
1039	UCART1	480254.31	3733761.83	480254.31,	0.06258	0.10149	0.03219	0.82914	0.91603	0.03582	2.68E-05	4.44E-05	1.38E-05	1.34E-05	4.26E-06	7.22E-08	1.03E-04	3.6E-08	1.1E-07	6.2E-08	5.6E-08	2.6E-08	1.4E-09	8.6E-09	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.0E-08
1040	UCART1	480304.31	3733761.83	480304.31,	0.05875	0.09148	0.03343	0.82098	0.90659	0.03732	2.52E-05	4.00E-05	1.43E-05	1.33E-05	4.21E-06	7.52E-08	9.71E-05	3.4E-08	1.0E-07	5.9E-08	5.3E-08	2.4E-08	1.3E-09	8.1E-09	0.0E+00	0.0E+00	0.0E+00	0.0E+00	9.5E-09
1041	UCART1	480354.31	3733761.83	480354.31,	0.0555	0.08331	0.0349	0.82414	0.90894	0.0391	2.38E-05	3.64E-05	1.50E-05	1.33E-05	4.23E-06	7.88E-08	9.28E-05	3.2E-08	9.7E-08	5.6E-08	5.1E-08	2.3E-08	1.3E-09	7.8E-09	0.0E+00	0.0E+00	0.0E+00	0.0E+00	9.0E-09
1042	UCART1	480404.31	3733761.83	480404.31,	0.05248	0.0763	0.03646	0.82091	0.9045	0.041	2.25E-05	3.34E-05	1.56E-05	1.33E-05	4.20E-06	8.26E-08	8.90E-05	3.1E-08	9.3E-08	5.4E-08	4.9E-08	2.2E-08	1.2E-09	7.5E-09	0.0E+00	0.0E+00	0.0E+00	0.0E+00	8.7E-09
1043	UCART1	480454.31	3733761.83	480454.31,	0.04971	0.07025	0.03815	0.81798	0.9003	0.04307	2.13E-05	3.07E-05	1.64E-05	1.32E-05	4.19E-06	8.68E-08	8.59E-05	3.0E-08	9.0E-08	5.2E-08	4.7E-08	2.1E-08	1.2E-09	7.2E-09	0.0E+00	0.0E+00	0.0E+00	0.0E+00	8.4E-09
1044	UCART1	480504.31	3733761.83	480504.31,	0.04718	0.06502	0.04001	0.81521	0.89619	0.04535	2.02E-05	2.84E-05	1.72E-05	1.32E-05	4.17E-06	9.14E-08	8.32E-05	2.9E-08	8.7E-08	5.0E-08	4.6E-08	2.1E-08	1.1E-09	7.0E-09	0.0E+00	0.0E+00	0.0E+00	0.0E+00	8.1E-09
1045	UCART1	480554.31	3733761.83	480554.31,	0.04486	0.06046	0.04206	0.81263	0.89224	0.04789	1.92E-05	2.64E-05	1.80E-05	1.31E-05	4.15E-06	9.65E-08	8.11E-05	2.8E-08	8.5E-08	4.9E-08	4.4E-08	2.0E-08	1.1E-09	6.8E-09	0.0E+00	0.0E+00	0.0E+00	0.0E+00	7.9E-09
1046	UCART1	480604.31	3733761.83	480604.31,	0.04274	0.05646	0.04433	0.81	0.88819	0.05071	1.83E-05	2.47E-05	1.90E-05	1.31E-05	4.13E-06	1.02E-07	7.93E-05	2.7E-08	8.3E-08	4.8E-08	4.4E-08	2.0E-08	1.1E-09	6.6E-09	0.0E+00	0.0E+00	0.0E+00	0.0E+00	7.7E-09
1047	UCART1	480654.31	3733761.83	480654.31,	0.04079	0.05293	0.04686	0.80706	0.88377	0.05387	1.75E-05	2.32E-05	2.01E-05	1.30E-05	4.11E-06	1.09E-07	7.80E-05	2.7E-08	8.1E-08	4.7E-08	4.3E-08	2.0E-08	1.1E-09	6.5E-09	0.0E+00	0.0E+00	0.0E+00	0.0E+00	7.6E-09
1048	UCART1	480704.31	3733761.83	480704.31,	0.039	0.04978	0.04969	0

1126	UCART1	479954.31	3733961.83	479954.31	0.07129	0.14972	0.02557	0.19242	0.20362	0.02777	3.05E-05	6.55E-05	1.10E-05	3.11E-06	9.47E-07	5.60E-08	1.11E-04	3.8E-08	1.2E-07	6.7E-08	6.1E-08	2.8E-08	1.5E-09	9.3E-09	0.0E+00	0.0E+00	0.0E+00	1.1E-08
1127	UCART1	480404.31	3733961.83	480404.31	0.04627	0.06723	0.03538	0.19289	0.21025	0.03936	1.98E-05	2.94E-05	1.52E-05	3.12E-06	9.77E-07	7.93E-08	6.86E-05	2.4E-08	7.2E-08	4.1E-08	3.8E-08	1.7E-08	9.3E-10	5.7E-09	0.0E+00	0.0E+00	0.0E+00	6.7E-09
1128	UCART1	480454.31	3733961.83	480454.31	0.04422	0.06271	0.03695	0.19256	0.21031	0.04123	1.89E-05	2.74E-05	1.58E-05	3.11E-06	9.78E-07	8.31E-08	6.64E-05	2.3E-08	6.9E-08	4.0E-08	3.6E-08	1.7E-08	9.0E-10	5.6E-09	0.0E+00	0.0E+00	0.0E+00	6.5E-09
1129	UCART1	480504.31	3733961.83	480504.31	0.0423	0.05869	0.03865	0.19236	0.21043	0.04328	1.81E-05	2.57E-05	1.66E-05	3.11E-06	9.78E-07	8.72E-08	6.45E-05	2.2E-08	6.7E-08	3.9E-08	3.5E-08	1.6E-08	8.8E-10	5.4E-09	0.0E+00	0.0E+00	0.0E+00	6.3E-09
1130	UCART1	480554.31	3733961.83	480554.31	0.04052	0.05511	0.04051	0.19212	0.21046	0.04552	1.74E-05	2.41E-05	1.74E-05	3.10E-06	9.78E-07	9.18E-08	6.30E-05	2.2E-08	6.6E-08	3.8E-08	3.5E-08	1.6E-08	8.6E-10	5.3E-09	0.0E+00	0.0E+00	0.0E+00	6.1E-09
1131	UCART1	480604.31	3733961.83	480604.31	0.03885	0.05189	0.04256	0.19184	0.21043	0.048	1.66E-05	2.27E-05	1.82E-05	3.10E-06	9.78E-07	9.68E-08	6.18E-05	2.1E-08	6.5E-08	3.7E-08	3.4E-08	1.5E-08	8.4E-10	5.2E-09	0.0E+00	0.0E+00	0.0E+00	6.0E-09
1132	UCART1	480654.31	3733961.83	480654.31	0.03733	0.04904	0.04484	0.19109	0.20994	0.05079	1.60E-05	2.15E-05	1.92E-05	3.09E-06	9.76E-07	1.02E-07	6.08E-05	2.1E-08	6.4E-08	3.7E-08	3.3E-08	1.5E-08	8.3E-10	5.1E-09	0.0E+00	0.0E+00	0.0E+00	5.9E-09
1133	UCART1	480704.31	3733961.83	480704.31	0.03588	0.04642	0.04736	0.19093	0.20999	0.05386	1.54E-05	2.03E-05	2.03E-05	3.08E-06	9.76E-07	1.09E-07	6.01E-05	2.1E-08	6.3E-08	3.6E-08	3.3E-08	1.5E-08	8.2E-10	5.0E-09	0.0E+00	0.0E+00	0.0E+00	5.9E-09
1134	UCART1	480754.31	3733961.83	480754.31	0.03452	0.04405	0.05016	0.19076	0.20994	0.0573	1.48E-05	1.93E-05	2.15E-05	3.08E-06	9.76E-07	1.16E-07	5.97E-05	2.1E-08	6.2E-08	3.6E-08	3.3E-08	1.5E-08	8.1E-10	5.0E-09	0.0E+00	0.0E+00	0.0E+00	5.8E-09
1135	UCART1	480804.31	3733961.83	480804.31	0.03325	0.0419	0.05331	0.19041	0.20971	0.06118	1.42E-05	1.83E-05	2.29E-05	3.08E-06	9.75E-07	1.23E-07	5.96E-05	2.1E-08	6.2E-08	3.6E-08	3.3E-08	1.5E-08	8.1E-10	5.0E-09	0.0E+00	0.0E+00	0.0E+00	5.8E-09
1136	UCART1	480854.31	3733961.83	480854.31	0.03205	0.03992	0.05686	0.19008	0.20946	0.06557	1.37E-05	1.75E-05	2.44E-05	3.07E-06	9.74E-07	1.32E-07	5.97E-05	2.1E-08	6.2E-08	3.6E-08	3.3E-08	1.5E-08	8.1E-10	5.0E-09	0.0E+00	0.0E+00	0.0E+00	5.8E-09
1137	UCART1	479854.31	3734011.83	479854.31	0.07285	0.16111	0.02396	0.1554	0.16145	0.0259	3.12E-05	7.05E-05	1.03E-05	2.51E-06	7.50E-07	5.22E-08	1.15E-04	4.0E-08	1.2E-07	7.0E-08	6.3E-08	2.9E-08	1.6E-09	9.7E-09	0.0E+00	0.0E+00	0.0E+00	1.1E-08
1138	UCART1	479904.31	3734011.83	479904.31	0.07003	0.14817	0.02464	0.15762	0.16467	0.02667	3.00E-05	6.48E-05	1.06E-05	2.55E-06	7.65E-07	5.38E-08	1.09E-04	3.8E-08	1.1E-07	6.6E-08	6.0E-08	2.7E-08	1.5E-09	9.1E-09	0.0E+00	0.0E+00	0.0E+00	1.1E-08
1139	UCART1	479954.31	3734011.83	479954.31	0.06712	0.13575	0.02544	0.15967	0.1677	0.02761	2.88E-05	5.94E-05	1.09E-05	2.58E-06	7.80E-07	5.57E-08	1.02E-04	3.5E-08	1.1E-07	6.2E-08	5.6E-08	2.6E-08	1.4E-09	8.6E-09	0.0E+00	0.0E+00	0.0E+00	1.0E-08
1140	UCART1	480454.31	3734011.83	480454.31	0.04293	0.06075	0.03654	0.16141	0.17542	0.04068	1.84E-05	2.66E-05	1.57E-05	2.61E-06	8.15E-07	8.20E-08	6.41E-05	2.2E-08	6.7E-08	3.9E-08	3.5E-08	1.6E-08	8.7E-10	5.4E-09	0.0E+00	0.0E+00	0.0E+00	6.2E-09
1141	UCART1	480504.31	3734011.83	480504.31	0.04115	0.05702	0.0382	0.16122	0.17557	0.04266	1.76E-05	2.49E-05	1.64E-05	2.60E-06	8.16E-07	8.60E-08	6.25E-05	2.2E-08	6.5E-08	3.8E-08	3.4E-08	1.6E-08	8.5E-10	5.2E-09	0.0E+00	0.0E+00	0.0E+00	6.1E-09
1142	UCART1	480554.31	3734011.83	480554.31	0.03948	0.05367	0.04001	0.16102	0.17567	0.04483	1.69E-05	2.35E-05	1.72E-05	2.60E-06	8.17E-07	9.04E-08	6.11E-05	2.1E-08	6.4E-08	3.7E-08	3.3E-08	1.5E-08	8.3E-10	5.1E-09	0.0E+00	0.0E+00	0.0E+00	5.9E-09
1143	UCART1	480604.31	3734011.83	480604.31	0.03791	0.05064	0.04198	0.16087	0.17577	0.04721	1.62E-05	2.22E-05	1.80E-05	2.60E-06	8.17E-07	9.52E-08	5.99E-05	2.1E-08	6.3E-08	3.6E-08	3.3E-08	1.5E-08	8.1E-10	5.0E-09	0.0E+00	0.0E+00	0.0E+00	5.8E-09
1144	UCART1	480654.31	3734011.83	480654.31	0.03647	0.04794	0.04419	0.16054	0.17569	0.04988	1.56E-05	2.10E-05	1.89E-05	2.59E-06	8.17E-07	1.01E-07	5.90E-05	2.0E-08	6.2E-08	3.6E-08	3.2E-08	1.5E-08	8.0E-10	4.9E-09	0.0E+00	0.0E+00	0.0E+00	5.7E-09
1145	UCART1	480704.31	3734011.83	480704.31	0.03509	0.04546	0.04661	0.16032	0.17566	0.05282	1.50E-05	1.99E-05	2.00E-05	2.59E-06	8.17E-07	1.06E-07	5.84E-05	2.0E-08	6.1E-08	3.5E-08	3.2E-08	1.5E-08	7.9E-10	4.9E-09	0.0E+00	0.0E+00	0.0E+00	5.7E-09
1146	UCART1	480754.31	3734011.83	480754.31	0.03382	0.04322	0.04931	0.16	0.17553	0.05611	1.45E-05	1.89E-05	2.11E-05	2.58E-06	8.16E-07	1.13E-07	5.80E-05	2.0E-08	6.1E-08	3.5E-08	3.2E-08	1.5E-08	7.9E-10	4.9E-09	0.0E+00	0.0E+00	0.0E+00	5.7E-09
1147	UCART1	480804.31	3734011.83	480804.31	0.03262	0.04118	0.05124	0.1596	0.17531	0.05981	1.40E-05	1.80E-05	2.24E-05	2.58E-06	8.15E-07	1.21E-07	5.79E-05	2.0E-08	6.1E-08	3.5E-08	3.2E-08	1.5E-08	7.9E-10	4.9E-09	0.0E+00	0.0E+00	0.0E+00	5.6E-09
1148	UCART1	480854.31	3734011.83	480854.31	0.03146	0.03927	0.05571	0.15943	0.17523	0.06394	1.35E-05	1.72E-05	2.39E-05	2.58E-06	8.15E-07	1.29E-07	5.81E-05	2.0E-08	6.1E-08	3.5E-08	3.2E-08	1.5E-08	7.9E-10	4.9E-09	0.0E+00	0.0E+00	0.0E+00	5.7E-09
1149	UCART1	480604.31	3734061.83	480604.31	0.03701	0.0494	0.0414	0.13864	0.15089	0.04641	1.59E-05	2.16E-05	1.78E-05	2.24E-06	7.01E-07	9.36E-08	5.82E-05	2.0E-08	6.1E-08	3.5E-08	3.2E-08	1.5E-08	7.9E-10	4.9E-09	0.0E+00	0.0E+00	0.0E+00	5.7E-09
1150	UCART1	480654.31	3734061.83	480654.31	0.03564	0.04684	0.04351	0.13842	0.15091	0.04896	1.53E-05	2.05E-05	1.87E-05	2.24E-06	7.02E-07	9.87E-08	5.74E-05	2.0E-08	6.0E-08	3.5E-08	3.2E-08	1.4E-08	7.8E-10	4.8E-09	0.0E+00	0.0E+00	0.0E+00	5.6E-09
1151	UCART1	480704.31	3734061.83	480704.31	0.03434	0.04451	0.04585	0.13818	0.1509	0.05177	1.47E-05	1.95E-05	1.97E-05	2.23E-06	7.01E-07	1.04E-07	5.69E-05	2.0E-08	5.9E-08	3.4E-08	3.1E-08	1.4E-08	7.7E-10	4.8E-09	0.0E+00	0.0E+00	0.0E+00	5.5E-09
1152	UCART1	480754.31	3734061.83	480754.31	0.03313	0.04237	0.04843	0.13794	0.15084	0.0549	1.42E-05	1.85E-05	2.08E-05	2.23E-06	7.01E-07	1.11E-07	5.65E-05	2.0E-08	5.9E-08	3.4E-08	3.1E-08	1.4E-08	7.7E-10	4.7E-09	0.0E+00	0.0E+00	0.0E+00	5.5E-09
1153	UCART1	480804.31	3734061.83	480804.31	0.03198	0.04042	0.05132	0.1377	0.15076	0.0584	1.37E-05	1.77E-05	2.20E-05	2.22E-06	7.01E-07	1.18E-07	5.64E-05	2.0E-08	5.9E-08	3.4E-08	3.1E-08	1.4E-08	7.7E-10	4.7E-09	0.0E+00	0.0E+00	0.0E+00	5.5E-09
1154	UCART1	480854.31	3734061.83	480854.31	0.03089	0.0386	0.05452	0.13746	0.15064	0.06231	1.32E-05	1.69E-05	2.34E-05	2.22E-06	7.00E-07	1.26E-07	5.65E-05	2.0E-08	5.9E-08	3.4E-08	3.1E-08	1.4E-08	7.7E-10	4.7E-09	0.0E+00	0.0E+00	0.0E+00	5.5E-09
1155	UCART1	479709.83	3732002.05	479709.83	0.08601	0.05133	0.01828	0.03298	0.02791	0.01965	3.68E-05	2.25E-05	7.84E-06	5.33E-07	1.30E-07	3.96E-08	6.78E-05	2.3E-08	7.1E-08	4.1E-08	3.7E-08	1.7E-08	9.2E-10	5.7E-09	0.0E+00	0.0E+00	0.0E+00	6.6E-09
1156	UCART1	479759.83	3732002.05	479759.83	0.08676	0.05197	0.01865	0.03372	0.02852	0.02009	3.72E-05	2.27E-05	8.00E-06	5.45E-07	1.33E-07	4.05E-08	6.86E-05	2.4E-08	7.2E-08	4.2E-08	3.8E-08	1.7E-08	9.3E-10	5.7E-09	0.0E+00	0.0E+00	0.0E+00	6.7E-09
1157	UCART1	479809.83	3732002.05	479809.83	0.0869	0.05247	0.01901	0.03439	0.02909	0.02051	3.72E-05	2.30E-05	8.15E-06	5.56E-07	1.35E-07	4.13E-08	6.91E-05	2.4E-08	7.2E-08	4.2E-08	3.8E-08	1.7E-08	9.4E-10	5.8E-09	0.0E+00	0.0E+00	0.0E+00	6.7E-09
1158	UCART1	479859.83	3732002.05	479859.83	0.0863	0.05283	0.01936	0.03498	0.02961	0.02091	3.70E-05	2.31E-05	8.30E-06	5.66E-07	1.38E-07	4.22E-08	6.91E-05	2.4E-08	7.2E-08	4.2E-08	3.8E-08	1.7E-08	9.4E-10	5.8E-09	0.0E+00	0.0E+00	0.0E+00	6.7E-09
1159	UCART1	479909.83	3732002.05	479909.83	0.08506	0.05311	0.01972	0.03554	0.03012	0.02133	3.64E-05	2.32E-05	8.46E-06	5.74E-07	1.40E-07	4.30E-08	6.89E-05	2.4E-08	7.2E-08	4.2E-08	3.8E-08	1.7E-08	9.4E-10	5.8E-09	0.0E+00	0.0E+00	0.0E+00	6.7E-09
1160	UCART1	479959.83	3732002.05	479959.83	0.08321	0.05332	0.0201	0.03607	0.03064	0.02176	3.56E-05	2.33E-05	8.62E-06	5.83E-07	1.42E-07	4.39E-08	6.84E-05	2.4E-08	7.1E-08	4.1E-08	3.7E-08	1.7E-08	9.3E-10	5.7E-09	0.0E+00	0.0E+00	0.0E+00	6.7E-09
1161	UCART1	480009.83	3732002.05	480009.83	0.08065	0.05328	0.02047	0.0365	0.0311	0.02218	3.45E-05	2.33E-05	8.78E-06	5.90E-07	1.45E-07	4.47E-08	6.74E-05	2.3E-08	7.0E-08	4.1E-08	3.7E-08	1.7E-08	9.2E-10	5.6E-09	0.0E+00	0.0E+00	0.0E+00	6.6E-09
1162	UCART1	480059.83	3732002.05	480059.83	0.07767	0.05309	0.02086	0.03686	0.03156	0.02262	3.33E-05	2.32E-05	8.94E-06	5.95E-07	1.47E-07	4.56E-08	6.62E-05	2.3E-08	6.9E-08	4.0E-08	3.6E-08	1.7E-08	9.0E-10	5.5E-09	0.0E+00	0.0E+00	0.0E+00	6.4E-09
1163	UCART1	480109.83	3732002.05	480109.83	0.0745	0.05281	0.02129	0.03723	0.03208	0.02312	3.19E-05	2.31E-05	9.13E-06	6.01E-07	1.49E-07	4.66E-08	6.49E-05	2.2E-08	6.8E-08	3.9E-08	3.6E-08	1.6E-08	8.8E-10	5.4E-09	0.0E+00	0.0E+00	0.0E+00	6.3E-09
1164	UCART1	480159.83	3732002.05	480159.83	0.07101	0.05214	0.02168	0.03741	0.03247	0.02357	3.04E-05	2.28E-05	9.30E-06	6.04E-07	1.51E-07	4.75E-08	6.33E-05	2.2E-08	6.6E-08	3.8E-08	3.5E-08	1.6E-08	8.6E-10	5.3E-09	0.0E+00	0.0E+00	0.0E+00	6.2E-09
1165	UCART1	480209.83	3732002.05	480209.83	0.06752	0.05129	0.02209	0.03753	0.03286	0.02404	2.89E-05	2.24E-05	9.47E-06	6.06E-07	1.53E-07	4.85E-08	6.16E-05	2.1E-08	6.4E-08	3.7E-08	3.4E-08	1.5E-08	8.4E-10	5.2E-09	0.0E+00	0.0E+00	0.0E+00	6.0E-09
1166	UCART1	480259.83	3732002.05	480259.83	0.06412	0.05028	0.02253	0.0376	0.03325	0.02455	2.75E-05	2.20E-05	9.66E-06	6.07E-07	1.55E-07	4.95E-08	5.99E-05	2.1E-08	6.3E-08	3.6E-08	3.3E-08	1.5E-08	8.2E-10	5.0E-09	0.0E+00	0.0E+00	0.0E+00	5.8E-09
1167	UCART1	480309.83	3732002.05	480309.83	0.06073	0.04906	0.02296	0.03758	0.03358	0.02505	2.60E-05	2.15E-05	9.84E-06	6.07E-07	1.56E-07	5.05E-08	5.81E-05	2.0E-08	6.1E-08	3.5E-08	3.2E-08	1.5E-08	7.9E-10	4.9E-09	0.0E+00	0.0E+00	0.0E+00	5.7E-09
1168	UCART1	480359.83	3732002.05	480359.83	0.05741	0.04771	0.02338	0.0375	0.03385	0.02554	2.46E-05	2.09E-05	1.00E-05	6.06E-07	1.57E-07	5.15E-08	5.63E-05	1.9E-08	5.9E-08	3.4E-08	3.1E-08	1.4E-08	7.7E-10	4.7E-09	0.0E+00	0.0E+00	0.0E+00	5.5E-09
1169	UCART1	480409.83	3732002.05	480409.83	0.05429	0.04627	0.02381	0.03738	0.03411	0.02605	2.33E-05	2.02E-05	1.02E-05	6.04E-07	1.59E-07	5.25E-08	5.45E-05	1.9E-08	5.7E-08	3.3E-08	3.0E-08	1.4E-08	7.4E-10	4.6E-09	0.0E+00	0.0E+00	0.0E+00	5.3E-09
1170	UCART1	480459.83	3732002.05	480459.83	0.0518	0.04487	0.02444	0.03744	0.03453	0.02677	2.22E-05	1.96E-05	1.05E-05	6.05E-07	1.61E-07	5.40E-08	5.31E-05	1.8E-08	5.6E-08	3.2E-08	2.9E-08	1.3E-08	7.2E-10	4.4E-09	0.0E+00	0.0E+00	0.0E+00	5.2E-09
1171	UCART1	480509.83	3732002.05	480509.83	0.04911	0.04337	0.0245	0.03736	0.03481	0.02741	2.10E-05	1.75E-05	1.07E-05	6.04E-07	1.62E-07	5.52E-08	5.15E-05	1.8E-08	5.4E-08	3.1E-08	2.8E-08	1.3E-08	7.0E-10	4.3E-09	0.0E+00	0.0E+00	0.0E+00	5.0E-09
1172	UCART1	480559.83	3732002.05	480559.83	0.04658	0.04185	0.02552	0.03721	0.03501	0.02802	2.00E-05	1.83E-05	1.09E-05	6.01E-07	1.63E-07	5.65E-08	5.00E-05	1.7E-08	5.2E-08	3.0E-08	2.7E-08	1.3E-08	6.8E-10	4.2E-09	0.0E+00	0.0E+00	0.0E+00	4.9E-09
1173	UCART1	480609.83	3732002.05	480609.83	0.04423	0.04037	0.02607	0.03706	0.0352	0.02865	1.89E-05	1.77E-05	1.12E-05	5.99E-07	1.64E-07	5.78E-08	4.86E-05	1.7E-08	5.1E-08	2.9E-08	2.7E-08	1.2E-08	6.6E-10	4.1E-09	0.0E+00	0.0E+00	0.0E+00	4.7E-09
1174	UCART1	480659.83	3732002.05	480659.83	0.04206	0.03895	0.02664	0.03691	0.03537	0.02932	1.80E-05	1.70E-05	1.14E-05	5.96E-07	1.64E-07	5.91E-08	4.73E-05	1.6E-08	4.9E-08	2.9E-08	2.6E-08	1.2E-08	6.4E-10	4.0E-09	0.0E+00	0.0E+00	0.0E+00	4.6E-09
1175	UCART1	480709.83	3732002.05	480709.83	0.04004	0.03759	0.02725	0.03676	0.03552	0.03001	1.72E-05	1.64E-05	1.17E-05	5.94E-07	1.65E-07	6.05E-08	4.61E-05	1.6E-08	4.8E-08	2.8E-08	2.5E-08	1.2E-08	6.3E-10	3.9E-09	0.0E+00	0.0E+00	0.0E+00	4.5E-09
1176	UCART1	480759.83	3732002.05	480759.83	0.03818	0.03627	0.02786	0.0366	0.03566	0.03073	1.64E-05	1.59E-05	1.19E-05	5.91E-07	1.66E-07	6.19E-08	4.50E-05	1.6E-08	4.7E-08	2.7E-08	2.5E-08	1.1E-08	6.1E-10	3.8E-09	0.0E+00	0.0E+00	0.0E+00	4.4E-09
1177	UCART1	480809.83	3732002.05	480809.83	0.03645	0.035	0.02851	0.03645	0.03577	0.03147	1.56E-05	1.53E-05	1.22E-05	5.89E-07	1.66E-07	6.34E-08	4.40E-05	1.5E-08	4.6E-08	2.7E-08	2.4E-08	1.1E-08	6.0E-10	3.7E-09	0.0E+00	0.0E+00	0.0E+00	4.3E-09
1178	UCART1	480859.83	3732002.05	480859.83	0.03488	0.03374	0.02908	0.03625	0.03581	0.03213	1.49E-05	1.48E-05	1.25E-05	5.86E-07	1.66E-07	6.48E-08	4.30E-05	1.5E-08	4.5E-08	2.6E-08	2.4E-08	1.1E-08	5.8E-10	3.6E-09	0.0E+00	0.0E+00	0.0E+00	4.2E-09
1179	UCART1	480909.83	3732002.05	480909.83	0.03338	0.03266	0.02984	0.03615	0.03596	0.03307	1.43E-05	1.43E-05	1.28E-05	5.84E-07	1.67E-07	6.67E-08	4.22E-05	1.5E-08	4.4E-08	2.6E-08	2.3E-08	1.1E-08	5.7E-10	3.5E-09	0.0E+00	0.0E+00	0.0E+00	4.1E-09
1180	UCART1	480959.83	3732002.05	480959.83	0.03199	0.03151	0.03049	0.03598	0.03599	0.03386	1.37E-05	1.38E-05	1.31E-05	5.81E-07	1.67E-07	6.83E-08	4.14E-05	1.4E-08	4.3E-08	2.5E-08	2.3E-08	1.0E-08	5.6E-10	3.5E-09	0.0E+00	0.0E+00	0.0E+00	4.0E-09
1181	UCART1	481009.83	3732002.05	481009.83	0.03074	0.03041	0.03106	0.03576	0.03596	0.03452	1.32E-05	1.33E-05	1.33E-05	5.78E-07	1.67E-07	6.96E-08	4.06E-05	1.4E-08	4.2E-08	2.5E-08	2.2E-08	1.0E-08	5.5E-10	3.4E-09	0.0E+00	0.0E+00	0.0E+00	4.0E-09
1182	UCART1	481059.83	3732002.05	481059.83	0.02957	0.02937	0.03162	0.03554	0.03592	0.03511	1.27E-05	1.28E-05	1.36E-05	5.74E-07	1.67E-07	7.08E-08	3.99E-05	1.4E-08	4.2E-08	2.4E-08	2.2E-08	1.0E-08	5.4E-10	3.3E-09	0.0E+00	0.0E+00	0.0E+00	3.9E-09
1183	UCART1	481109.83	3732002.05	481109.83	0.02848	0.02839	0.03217	0.03532	0.03584	0.03574	1.22E-05	1.24E-05	1.38E-05	5.71E-07	1.67E-07	7.20E-08	3.92E-05	1.4E-08	4.1E-08	2.4E-08	2.2E-08	9.8E-09	5.3E-10	3.3E-09	0.0E+00	0.0E+00	0.0E+00	3.8E-09
1184	UCART1	481159.83	3732002.05	481159.83	0.02747	0.02747	0.03273	0.03507	0.03572	0.03637	1.18E-05	1.20E-05	1.40E-05	5.67E-07	1.66E-07	7.33E-08	3.86E-05	1.3E-08	4.0E-08	2.3E-08	2.1E-08	9.7E-09	5.3E-10	3.2E-09	0.0E+00	0.0E+00	0.0E+00	3.8E-09
1185	UCART1	481209.83	3732002.05	481209.83	0.02653	0.02659	0.03328	0.03481	0.03559	0.03698	1.14E-05	1.16E-05	1.43E-05	5.62E-07	1.65E-07	7.45E-08	3.81E-05	1.3E-08	4.0E-08	2.3E-08	2.1E-08	9.5E-09	5.2E-10	3.2E-09	0.0E+00	0.0E+00	0.0E+00	3.7E-09
1186	UCART1	481259.83	3732002.05	481259.83	0.02565	0.02577	0.03382	0.03454	0.03544	0.03758	1.10E-05	1.13E-05	1.45E-05	5.58E-07	1.65E-07	7.58E-08	3.76E-05	1.3E-08	3.9E-08	2.3E-08	2.1E-08	9.4E-09	5.1E-10	3.1E-09	0.0E+00	0.0E+00	0.0E+00	3.7E-09
1187	UCART1	481309.83	3732002.05	481309.83	0.02482	0.02498	0.03438	0.03428	0.03531	0.03819	1.06E-05	1.09E-05	1.47E-05	5.54E-07	1.64E-07	7.70E-08	3.71E-05	1.3E-08	3.9E-08	2.2E-08	2.0E-08	9.3E-09	5.0E-10	3.1E-09	0.0E+00	0.0E+00	0.0E+00	3.6E-09
1188	UCART1	481359.83	3732002.05	481359.83	0.02404	0.02424	0.03491	0.03403	0.03516	0.03879	1.03E-05	1.06E-05	1.50E-05	5.50E-07	1.63E-07	7.82E-08	3.67E-05	1.3E-08	3.8E-08	2.2E-08	2.0E-08	9.2E-09	5.0E-10	3.1E-09	0.0E+00	0.0E+00	0.0E+00	3.6E-09
1189	UCART1	481409.83	3732002.05	481409.83	0.02332	0.02354	0.03545	0.03377	0.03499	0.03938	9.99E-06	1.03E-05	1.52E-05	5.46E-07	1.63E-07	7.94E-08	3.63E-05	1.3E-08	3.8E-08	2.2E-08	2.0E-08	9.1E-09	4.9E-10	3.0E-09	0.0E+00	0.0E+00	0.0E+00	3.5E-09
1190	UCART1	481459.83	3732002.05	481459.83	0.02264	0.02287	0.03597	0.03349	0.0348	0.03996	9.70E-06	1.00E-05	1.54E-05	5.41E-07	1.62E-07	8.06E-08	3.59E-05	1.2E-08	3.8E-08	2.2E-08	2.0E-08	9.0E-09	4.9E-10	3.0E-09	0.0E+00	0.0E+00	0.0E+00	3.5E-09
1191	UCART1	481509.83	3732002.05	481509.83	0.02199	0.02224	0.03651	0.03322	0.03459	0.04055	9.42E-06	9.73E-06	1.57E-05	5.37E-07	1.61E-07	8.17E-08	3.56E-05	1.2E-08	3.7E-08	2.2E-08	2.0E-08	8.9E-09	4.8E-10	3.0E-09	0.0E+00	0.0E+00	0.0E+00	3.5E-09
1192	UCART1	481559.83	3732002.05	481559.83	0.02139	0.02164	0.03704	0.03293	0.03437	0.04116	9.16E-06	9.47E-06	1.59E-05	5.32E-07	1.60E

1268	UCART2	481359.83	3732102.05	481359.83,	0.02433	0.02466	0.03755	0.03619	0.03759	0.04211	1.04E-05	1.08E-05	1.61E-05	5.85E-07	1.75E-07	8.49E-08	3.82E-05	1.3E-08	4.0E-08	2.3E-08	2.1E-08	9.5E-09	5.2E-10	3.2E-09	0.0E+00	0.0E+00	0.0E+00	3.7E-09
1269	UCART2	481409.83	3732102.05	481409.83,	0.02359	0.02392	0.03819	0.03591	0.0374	0.04282	1.01E-05	1.05E-05	1.64E-05	5.80E-07	1.74E-07	8.63E-08	3.78E-05	1.3E-08	3.9E-08	2.3E-08	2.1E-08	9.5E-09	5.1E-10	3.2E-09	0.0E+00	0.0E+00	0.0E+00	3.7E-09
1270	UCART2	481459.83	3732102.05	481459.83,	0.0229	0.02323	0.03882	0.03561	0.03718	0.04353	9.81E-06	1.02E-05	1.66E-05	5.75E-07	1.73E-07	8.77E-08	3.75E-05	1.3E-08	3.9E-08	2.3E-08	2.1E-08	9.4E-09	5.1E-10	3.1E-09	0.0E+00	0.0E+00	0.0E+00	3.6E-09
1271	UCART2	481509.83	3732102.05	481509.83,	0.02224	0.02257	0.03944	0.0353	0.03694	0.04423	9.53E-06	9.87E-06	1.69E-05	5.70E-07	1.72E-07	8.92E-08	3.71E-05	1.3E-08	3.9E-08	2.2E-08	2.0E-08	9.3E-09	5.1E-10	3.1E-09	0.0E+00	0.0E+00	0.0E+00	3.6E-09
1272	UCART2	481559.83	3732102.05	481559.83,	0.02163	0.02194	0.04007	0.03497	0.03668	0.04495	9.27E-06	9.60E-06	1.72E-05	5.65E-07	1.71E-07	9.06E-08	3.69E-05	1.3E-08	3.9E-08	2.2E-08	2.0E-08	9.2E-09	5.0E-10	3.1E-09	0.0E+00	0.0E+00	0.0E+00	3.6E-09
1273	UCART2	481609.83	3732102.05	481609.83,	0.02105	0.02135	0.0407	0.03464	0.0364	0.04568	9.02E-06	9.34E-06	1.75E-05	5.60E-07	1.69E-07	9.21E-08	3.66E-05	1.3E-08	3.8E-08	2.2E-08	2.0E-08	9.2E-09	5.0E-10	3.1E-09	0.0E+00	0.0E+00	0.0E+00	3.6E-09
1274	UCART2	481659.83	3732102.05	481659.83,	0.0205	0.02078	0.04134	0.03431	0.03611	0.04642	8.78E-06	9.09E-06	1.77E-05	5.54E-07	1.68E-07	9.36E-08	3.64E-05	1.3E-08	3.8E-08	2.2E-08	2.0E-08	9.1E-09	5.0E-10	3.1E-09	0.0E+00	0.0E+00	0.0E+00	3.5E-09
1275	UCART2	479709.83	3732152.05	479709.83,	0.11294	0.06122	0.01901	0.03781	0.03086	0.02056	4.84E-05	2.68E-05	8.15E-06	6.11E-07	1.43E-07	4.14E-08	8.41E-05	2.9E-08	8.8E-08	5.1E-08	4.6E-08	2.1E-08	1.1E-09	7.0E-09	0.0E+00	0.0E+00	0.0E+00	8.2E-09
1276	UCART2	479759.83	3732152.05	479759.83,	0.11289	0.06194	0.01942	0.03866	0.03151	0.02103	4.84E-05	2.71E-05	8.33E-06	6.25E-07	1.46E-07	4.24E-08	8.46E-05	2.9E-08	8.8E-08	5.1E-08	4.6E-08	2.1E-08	1.2E-09	7.1E-09	0.0E+00	0.0E+00	0.0E+00	8.2E-09
1277	UCART2	479809.83	3732152.05	479809.83,	0.11173	0.06248	0.01983	0.03945	0.03214	0.0215	4.79E-05	2.73E-05	8.50E-06	6.37E-07	1.49E-07	4.33E-08	8.45E-05	2.9E-08	8.8E-08	5.1E-08	4.6E-08	2.1E-08	1.1E-09	7.1E-09	0.0E+00	0.0E+00	0.0E+00	8.2E-09
1278	UCART2	479859.83	3732152.05	479859.83,	0.10945	0.06287	0.02024	0.04017	0.03275	0.02198	4.69E-05	2.75E-05	8.68E-06	6.49E-07	1.52E-07	4.43E-08	8.39E-05	2.9E-08	8.8E-08	5.1E-08	4.6E-08	2.1E-08	1.1E-09	7.0E-09	0.0E+00	0.0E+00	0.0E+00	8.2E-09
1279	UCART2	479909.83	3732152.05	479909.83,	0.10616	0.0631	0.02066	0.04082	0.03335	0.02246	4.55E-05	2.76E-05	8.86E-06	6.59E-07	1.55E-07	4.53E-08	8.28E-05	2.9E-08	8.7E-08	5.0E-08	4.5E-08	2.1E-08	1.1E-09	6.9E-09	0.0E+00	0.0E+00	0.0E+00	8.1E-09
1280	UCART2	479959.83	3732152.05	479959.83,	0.10199	0.06311	0.02109	0.04138	0.03394	0.02295	4.37E-05	2.76E-05	9.04E-06	6.68E-07	1.58E-07	4.63E-08	8.12E-05	2.8E-08	8.5E-08	4.9E-08	4.5E-08	2.0E-08	1.1E-09	6.8E-09	0.0E+00	0.0E+00	0.0E+00	7.9E-09
1281	UCART2	480009.83	3732152.05	480009.83,	0.09717	0.06286	0.02152	0.04183	0.03451	0.02345	4.16E-05	2.75E-05	9.23E-06	6.76E-07	1.60E-07	4.73E-08	7.92E-05	2.7E-08	8.3E-08	4.8E-08	4.3E-08	2.0E-08	1.1E-09	6.6E-09	0.0E+00	0.0E+00	0.0E+00	7.7E-09
1282	UCART2	480059.83	3732152.05	480059.83,	0.09198	0.06234	0.02196	0.04217	0.03507	0.02396	3.94E-05	2.73E-05	9.42E-06	6.81E-07	1.63E-07	4.83E-08	7.70E-05	2.7E-08	8.0E-08	4.7E-08	4.2E-08	1.9E-08	1.0E-09	6.4E-09	0.0E+00	0.0E+00	0.0E+00	7.5E-09
1283	UCART2	480109.83	3732152.05	480109.83,	0.08665	0.0615	0.02242	0.0424	0.03562	0.02449	3.71E-05	2.69E-05	9.61E-06	6.85E-07	1.66E-07	4.94E-08	7.45E-05	2.6E-08	7.8E-08	4.5E-08	4.1E-08	1.9E-08	1.0E-09	6.2E-09	0.0E+00	0.0E+00	0.0E+00	7.3E-09
1284	UCART2	480159.83	3732152.05	480159.83,	0.0814	0.06035	0.02289	0.04251	0.03615	0.02504	3.49E-05	2.64E-05	9.81E-06	6.87E-07	1.68E-07	5.05E-08	7.20E-05	2.5E-08	7.5E-08	4.4E-08	3.9E-08	1.8E-08	9.8E-10	6.0E-09	0.0E+00	0.0E+00	0.0E+00	7.0E-09
1285	UCART2	480209.83	3732152.05	480209.83,	0.07635	0.05891	0.02338	0.04252	0.03664	0.02561	3.27E-05	2.58E-05	1.00E-05	6.87E-07	1.70E-07	5.16E-08	6.94E-05	2.4E-08	7.3E-08	4.2E-08	3.8E-08	1.7E-08	9.4E-10	5.8E-09	0.0E+00	0.0E+00	0.0E+00	6.8E-09
1286	UCART2	480259.83	3732152.05	480259.83,	0.07161	0.05725	0.0239	0.04247	0.0371	0.02621	3.07E-05	2.50E-05	1.02E-05	6.86E-07	1.72E-07	5.28E-08	6.69E-05	2.3E-08	7.0E-08	4.0E-08	3.7E-08	1.7E-08	9.1E-10	5.6E-09	0.0E+00	0.0E+00	0.0E+00	6.5E-09
1287	UCART2	480309.83	3732152.05	480309.83,	0.06717	0.0554	0.02443	0.04237	0.03754	0.02683	2.88E-05	2.42E-05	1.05E-05	6.84E-07	1.75E-07	5.41E-08	6.44E-05	2.2E-08	6.7E-08	3.9E-08	3.5E-08	1.6E-08	8.8E-10	5.4E-09	0.0E+00	0.0E+00	0.0E+00	6.3E-09
1288	UCART2	480359.83	3732152.05	480359.83,	0.06296	0.05342	0.02498	0.0422	0.03791	0.02747	2.70E-05	2.34E-05	1.07E-05	6.82E-07	1.76E-07	5.54E-08	6.20E-05	2.1E-08	6.5E-08	3.7E-08	3.4E-08	1.6E-08	8.4E-10	5.2E-09	0.0E+00	0.0E+00	0.0E+00	6.0E-09
1289	UCART2	480409.83	3732152.05	480409.83,	0.05905	0.05137	0.02554	0.04199	0.03824	0.02813	2.53E-05	2.25E-05	1.10E-05	6.78E-07	1.78E-07	5.67E-08	5.96E-05	2.1E-08	6.2E-08	3.6E-08	3.3E-08	1.5E-08	8.1E-10	5.0E-09	0.0E+00	0.0E+00	0.0E+00	5.8E-09
1290	UCART2	480459.83	3732152.05	480459.83,	0.05543	0.04931	0.02612	0.04177	0.03853	0.02882	2.37E-05	2.16E-05	1.12E-05	6.75E-07	1.79E-07	5.81E-08	5.74E-05	2.0E-08	6.0E-08	3.5E-08	3.1E-08	1.4E-08	7.8E-10	4.8E-09	0.0E+00	0.0E+00	0.0E+00	5.6E-09
1291	UCART2	480509.83	3732152.05	480509.83,	0.05213	0.04731	0.02673	0.04154	0.03879	0.02953	2.23E-05	2.07E-05	1.15E-05	6.71E-07	1.80E-07	5.95E-08	5.54E-05	1.9E-08	5.8E-08	3.4E-08	3.0E-08	1.4E-08	7.5E-10	4.6E-09	0.0E+00	0.0E+00	0.0E+00	5.4E-09
1292	UCART2	480559.83	3732152.05	480559.83,	0.04911	0.04539	0.02737	0.04131	0.03903	0.03029	2.10E-05	1.99E-05	1.17E-05	6.67E-07	1.81E-07	6.11E-08	5.35E-05	1.9E-08	5.6E-08	3.2E-08	2.9E-08	1.3E-08	7.3E-10	4.5E-09	0.0E+00	0.0E+00	0.0E+00	5.2E-09
1293	UCART2	480609.83	3732152.05	480609.83,	0.04637	0.04356	0.02804	0.04109	0.03923	0.03107	1.99E-05	1.91E-05	1.20E-05	6.64E-07	1.82E-07	6.26E-08	5.18E-05	1.8E-08	5.4E-08	3.1E-08	2.8E-08	1.3E-08	7.1E-10	4.3E-09	0.0E+00	0.0E+00	0.0E+00	5.0E-09
1294	UCART2	480659.83	3732152.05	480659.83,	0.04386	0.0418	0.02873	0.04087	0.03941	0.03188	1.88E-05	1.83E-05	1.23E-05	6.60E-07	1.83E-07	6.43E-08	5.03E-05	1.7E-08	5.3E-08	3.0E-08	2.8E-08	1.3E-08	6.8E-10	4.2E-09	0.0E+00	0.0E+00	0.0E+00	4.9E-09
1295	UCART2	480709.83	3732152.05	480709.83,	0.04159	0.0401	0.02943	0.04064	0.03955	0.03271	1.78E-05	1.75E-05	1.26E-05	6.57E-07	1.84E-07	6.59E-08	4.89E-05	1.7E-08	5.1E-08	3.0E-08	2.7E-08	1.2E-08	6.6E-10	4.1E-09	0.0E+00	0.0E+00	0.0E+00	4.8E-09
1296	UCART2	480759.83	3732152.05	480759.83,	0.03952	0.03848	0.03016	0.04043	0.03968	0.03357	1.69E-05	1.68E-05	1.29E-05	6.53E-07	1.84E-07	6.77E-08	4.76E-05	1.6E-08	5.0E-08	2.9E-08	2.6E-08	1.2E-08	6.5E-10	4.0E-09	0.0E+00	0.0E+00	0.0E+00	4.6E-09
1297	UCART2	480809.83	3732152.05	480809.83,	0.03762	0.03696	0.03091	0.04022	0.03978	0.03446	1.61E-05	1.62E-05	1.33E-05	6.50E-07	1.85E-07	6.95E-08	4.64E-05	1.6E-08	4.9E-08	2.8E-08	2.5E-08	1.2E-08	6.3E-10	3.9E-09	0.0E+00	0.0E+00	0.0E+00	4.5E-09
1298	UCART2	480859.83	3732152.05	480859.83,	0.03589	0.03553	0.03168	0.04001	0.03985	0.03538	1.54E-05	1.55E-05	1.36E-05	6.46E-07	1.85E-07	7.13E-08	4.54E-05	1.6E-08	4.7E-08	2.7E-08	2.5E-08	1.1E-08	6.2E-10	3.8E-09	0.0E+00	0.0E+00	0.0E+00	4.4E-09
1299	UCART2	480909.83	3732152.05	480909.83,	0.0343	0.03417	0.03244	0.03978	0.03989	0.0363	1.47E-05	1.49E-05	1.39E-05	6.43E-07	1.85E-07	7.32E-08	4.44E-05	1.5E-08	4.6E-08	2.7E-08	2.4E-08	1.1E-08	6.0E-10	3.7E-09	0.0E+00	0.0E+00	0.0E+00	4.3E-09
1300	UCART2	480959.83	3732152.05	480959.83,	0.03284	0.03289	0.03321	0.03957	0.03991	0.03727	1.41E-05	1.44E-05	1.42E-05	6.39E-07	1.86E-07	7.51E-08	4.36E-05	1.5E-08	4.6E-08	2.6E-08	2.4E-08	1.1E-08	5.9E-10	3.7E-09	0.0E+00	0.0E+00	0.0E+00	4.2E-09
1301	UCART2	481009.83	3732152.05	481009.83,	0.03149	0.03166	0.03398	0.03934	0.03989	0.03819	1.35E-05	1.38E-05	1.46E-05	6.36E-07	1.85E-07	7.70E-08	4.28E-05	1.5E-08	4.5E-08	2.6E-08	2.3E-08	1.1E-08	5.8E-10	3.6E-09	0.0E+00	0.0E+00	0.0E+00	4.2E-09
1302	UCART2	481059.83	3732152.05	481059.83,	0.03025	0.0305	0.03472	0.03909	0.03983	0.03909	1.30E-05	1.33E-05	1.49E-05	6.31E-07	1.85E-07	7.88E-08	4.21E-05	1.5E-08	4.4E-08	2.5E-08	2.3E-08	1.1E-08	5.7E-10	3.5E-09	0.0E+00	0.0E+00	0.0E+00	4.1E-09
1303	UCART2	481109.83	3732152.05	481109.83,	0.02911	0.0294	0.03543	0.03884	0.03975	0.03987	1.25E-05	1.29E-05	1.52E-05	6.27E-07	1.85E-07	8.04E-08	4.14E-05	1.4E-08	4.3E-08	2.5E-08	2.3E-08	1.0E-08	5.6E-10	3.5E-09	0.0E+00	0.0E+00	0.0E+00	4.0E-09
1304	UCART2	481159.83	3732152.05	481159.83,	0.02804	0.02838	0.03615	0.03855	0.03958	0.04072	1.20E-05	1.24E-05	1.55E-05	6.23E-07	1.84E-07	8.21E-08	4.08E-05	1.4E-08	4.3E-08	2.5E-08	2.2E-08	1.0E-08	5.6E-10	3.4E-09	0.0E+00	0.0E+00	0.0E+00	4.0E-09
1305	UCART2	481209.83	3732152.05	481209.83,	0.02705	0.02741	0.03688	0.03821	0.03941	0.04156	1.16E-05	1.20E-05	1.58E-05	6.17E-07	1.83E-07	8.38E-08	4.03E-05	1.4E-08	4.2E-08	2.4E-08	2.2E-08	1.0E-08	5.5E-10	3.4E-09	0.0E+00	0.0E+00	0.0E+00	3.9E-09
1306	UCART2	481259.83	3732152.05	481259.83,	0.02613	0.02651	0.0376	0.03794	0.03927	0.04238	1.12E-05	1.16E-05	1.61E-05	6.13E-07	1.83E-07	8.54E-08	3.98E-05	1.4E-08	4.2E-08	2.4E-08	2.2E-08	1.0E-08	5.4E-10	3.3E-09	0.0E+00	0.0E+00	0.0E+00	3.9E-09
1307	UCART2	481309.83	3732152.05	481309.83,	0.02528	0.02566	0.0383	0.03766	0.03911	0.04317	1.08E-05	1.12E-05	1.64E-05	6.08E-07	1.82E-07	8.70E-08	3.94E-05	1.4E-08	4.1E-08	2.4E-08	2.2E-08	9.8E-09	5.4E-10	3.3E-09	0.0E+00	0.0E+00	0.0E+00	3.8E-09
1308	UCART2	481359.83	3732152.05	481359.83,	0.02448	0.02486	0.03901	0.03737	0.03892	0.04397	1.05E-05	1.09E-05	1.67E-05	6.04E-07	1.81E-07	8.86E-08	3.90E-05	1.3E-08	4.1E-08	2.4E-08	2.1E-08	9.8E-09	5.3E-10	3.3E-09	0.0E+00	0.0E+00	0.0E+00	3.8E-09
1309	UCART2	481409.83	3732152.05	481409.83,	0.02373	0.02411	0.0397	0.03707	0.03871	0.04475	1.02E-05	1.05E-05	1.70E-05	5.99E-07	1.80E-07	9.02E-08	3.86E-05	1.3E-08	4.0E-08	2.3E-08	2.1E-08	9.7E-09	5.2E-10	3.2E-09	0.0E+00	0.0E+00	0.0E+00	3.8E-09
1310	UCART2	481459.83	3732152.05	481459.83,	0.02303	0.02339	0.0404	0.03676	0.03848	0.04554	9.86E-06	1.02E-05	1.73E-05	5.94E-07	1.79E-07	9.18E-08	3.83E-05	1.3E-08	4.0E-08	2.3E-08	2.1E-08	9.6E-09	5.2E-10	3.2E-09	0.0E+00	0.0E+00	0.0E+00	3.7E-09
1311	UCART2	481509.83	3732152.05	481509.83,	0.02237	0.02272	0.04108	0.03643	0.03822	0.04631	9.58E-06	9.94E-06	1.76E-05	5.89E-07	1.78E-07	9.34E-08	3.80E-05	1.3E-08	4.0E-08	2.3E-08	2.1E-08	9.5E-09	5.2E-10	3.2E-09	0.0E+00	0.0E+00	0.0E+00	3.7E-09
1312	UCART2	481559.83	3732152.05	481559.83,	0.02175	0.02208	0.04177	0.0361	0.03795	0.04711	9.32E-06	9.66E-06	1.79E-05	5.83E-07	1.76E-07	9.50E-08	3.77E-05	1.3E-08	3.9E-08	2.3E-08	2.1E-08	9.4E-09	5.1E-10	3.2E-09	0.0E+00	0.0E+00	0.0E+00	3.7E-09
1313	UCART2	481609.83	3732152.05	481609.83,	0.02117	0.02148	0.04245	0.03574	0.03764	0.04789	9.07E-06	9.41E-06	1.82E-05	5.77E-07	1.73E-07	9.65E-08	3.75E-05	1.3E-08	3.9E-08	2.3E-08	2.1E-08	9.4E-09	5.1E-10	3.1E-09	0.0E+00	0.0E+00	0.0E+00	3.7E-09
1314	UCART2	481659.83	3732152.05	481659.83,	0.02062	0.02091	0.04313	0.03537	0.03732	0.04869	8.83E-06	9.15E-06	1.85E-05	5.71E-07	1.73E-07	9.82E-08	3.73E-05	1.3E-08	3.9E-08	2.3E-08	2.0E-08	9.3E-09	5.1E-10	3.1E-09	0.0E+00	0.0E+00	0.0E+00	3.6E-09
1315	UCART2	479709.83	3732202.05	479709.83,	0.12426	0.06504	0.01917	0.03962	0.03185	0.02075	5.32E-05	2.84E-05	8.22E-06	6.40E-07	1.48E-07	4.18E-08	9.07E-05	3.1E-08	9.5E-08	5.5E-08	5.0E-08	2.3E-08	1.2E-09	7.6E-09	0.0E+00	0.0E+00	0.0E+00	8.8E-09
1316	UCART2	479759.83	3732202.05	479759.83,	0.12402	0.0659	0.01961	0.0406	0.03258	0.02127	5.31E-05	2.88E-05	8.41E-06	6.56E-07	1.51E-07	4.29E-08	9.12E-05	3.2E-08	9.5E-08	5.5E-08	5.0E-08	2.3E-08	1.2E-09	7.6E-09	0.0E+00	0.0E+00	0.0E+00	8.9E-09
1317	UCART2	479809.83	3732202.05	479809.83,	0.12211	0.06646	0.02005	0.04145	0.03324	0.02177	5.23E-05	2.91E-05	8.60E-06	6.70E-07	1.55E-07	4.39E-08	9.08E-05	3.1E-08	9.5E-08	5.5E-08	5.0E-08	2.3E-08	1.2E-09	7.6E-09	0.0E+00	0.0E+00	0.0E+00	8.8E-09
1318	UCART2	479859.83	3732202.05	479859.83,	0.11897	0.06687	0.02049	0.04224	0.0339	0.02228	5.10E-05	2.93E-05	8.79E-06	6.82E-07	1.58E-07	4.49E-08	8.99E-05	3.1E-08	9.4E-08	5.4E-08	4.9E-08	2.2E-08	1.2E-09	7.5E-09	0.0E+00	0.0E+00	0.0E+00	8.8E-09
1319	UCART2	479909.83	3732202.05	479909.83,	0.11472	0.06712	0.02095	0.04296	0.03456	0.02281	4.91E-05	2.94E-05	8.98E-06	6.94E-07	1.61E-07	4.60E-08	8.84E-05	3.1E-08	9.2E-08	5.3E-08	4.8E-08	2.2E-08	1.2E-09	7.4E-09	0.0E+00	0.0E+00	0.0E+00	8.6E-09
1320	UCART2	479959.83	3732202.05	479959.83,	0.1095	0.0671	0.0214	0.04355	0.03521	0.02334	4.69E-05	2.94E-05	9.18E-06	7.04E-07	1.64E-07	4.70E-08	8.63E-05	3.0E-08	9.0E-08	5.2E-08	4.7E-08	2.2E-08	1.2E-09	7.2E-09	0.0E+00	0.0E+00	0.0E+00	8.4E-09
1321	UCART2	480009.83	3732202.05	480009.83,	0.10364	0.06678	0.02187	0.04402	0.03585	0.02388	4.44E-05	2.92E-05	9.38E-06	7.11E-07	1.67E-07	4.81E-08	8.39E-05	2.9E-08	8.8E-08	5.1E-08	4.6E-08	2.1E-08	1.1E-09	7.0E-09	0.0E+00	0.0E+00	0.0E+00	8.2E-09
1322	UCART2	480059.83	3732202.05	480059.83,	0.09748	0.0661	0.02235	0.04435	0.03647	0.02443	4.18E-05	2.89E-05	9.58E-06	7.16E-07	1.70E-07	4.92E-08	8.12E-05	2.8E-08	8.5E-08	4.9E-08	4.5E-08	2.0E-08	1.1E-09	6.8E-09	0.0E+00	0.0E+00	0.0E+00	7.9E-09
1323	UCART2	480109.83	3732202.05	480109.83,	0.0913	0.06504	0.02284	0.04454	0.03707	0.02501	3.91E-05	2.84E-05	9.79E-06	7.20E-07	1.72E-07	5.04E-08	7.83E-05	2.7E-08	8.2E-08	4.7E-08	4.3E-08	2.0E-08	1.1E-09	6.6E-09	0.0E+00	0.0E+00	0.0E+00	7.6E-09
1324	UCART2	480159.83	3732202.05	480159.83,	0.08528	0.0636	0.02334	0.04457	0.03763	0.02559	3.65E-05	2.78E-05	1.00E-05	7.20E-07	1.75E-07	5.16E-08	7.53E-05	2.6E-08	7.9E-08	4.6E-08	4.1E-08	1.9E-08	1.0E-09	6.4E-09	0.0E+00	0.0E+00	0.0E+00	7.3E-09
1325	UCART2	480209.83	3732202.05	480209.83,	0.07948	0.06182	0.02384	0.04448	0.03811	0.02617	3.40E-05	2.70E-05	1.02E-05	7.19E-07	1.77E-07	5.28E-08	7.23E-05	2.5E-08	7.6E-08	4.4E-08	4.0E-08	1.8E-08	9.8E-10	6.1E-09	0.0E+00	0.0E+00	0.0E+00	7.0E-09
1326	UCART2	480259.83	3732202.05	480259.83,	0.07422	0.05986	0.02439	0.04436	0.03861	0.02681	3.18E-05	2.62E-05	1.05E-05	7.17E-07	1.79E-07	5.40E-08	6.94E-05	2.4E-08	7.3E-08	4.2E-08	3.8E-08	1.7E-08	9.4E-10	5.8E-09	0.0E+00	0.0E+00	0.0E+00	6.8E-09
1327	UCART2	480309.83	3732202.05	480309.83,	0.06934	0.05773	0.02497	0.04421	0.03908	0.02749	2.97E-05	2.53E-05	1.07E-05	7.14E-07	1.82E-07	5.54E-08	6.66E-05	2.3E-08	7.0E-08	4.0E-08	3.7E-08	1.7E-08	9.1E-10	5.6E-09	0.0E+00	0.0E+00	0.0E+00	6.5E-09
1328	UCART2	480359.83	3732202.05	480359.83,	0.06466	0.05544	0.02553	0.04394	0.03943	0.02814	2.77E-05	2.43E-05	1.09E-05	7.10E-07	1.83E-07	5.67E-08	6.38E-05	2.2E-08	6.7E-08	3.9E-08	3.5E-08	1.6E-08	8.7E-10	5.3E-09	0.0E+00	0.0E+00	0.0E+00	6.2E-09
1329	UCART2	480409.83	3732202.05	480409.83,	0.0604	0.05315	0.02611	0.04366	0.03976	0.02884	2.59E-05	2.32E-05	1.12E-05	7.05E-07	1.85E-07	5.81E-08	6.13E-05	2.1E-08	6.4E-08	3.7E-08	3.4E-08	1.5E-08	8.3E-10	5.1E-09	0.0E+00	0.0E+00	0.0E+00	6.0E-09
1330	UCART2	480459.83	3732202.05	480459.83,	0.05653	0.05086	0.02671	0.04336	0.04003	0.02954	2.42E-05	2.22E-05	1.15E-05	7.00E-07	1.86E-07	5.95E-08	5.89E-05	2.0E-08	6.2E-08	3.6E-08	3.2E-08	1.5E-08	8.0E-10	4.9E-09	0.0E+00	0.0E+00	0.0E+00	5.7E-09
1331	UCART2	480509.83	3732202.05	480509.83,	0.05304	0.04867	0.02736	0.0431	0.0403	0.0303	2.27E-05	2.13E-05	1.17E-05	6.96E-07	1.87E-07	6.11E-08	5.67E-05	2.0E-08	5.9E-08	3.4E-08	3.1E-08	1.4E-08	7.7E-10	4.7E-09	0.0E+00	0.0E+00	0.0E+00	5.5E-09
1332	UCART2	480559.83	3732202.05	480559.83,	0.04987	0.04661	0.02804	0.04284	0.04055	0.03111	2.14E-05	2.04E-05	1.20E-05	6.92E-07	1.88E-07	6.27E-08	5.47E-05	1.9E-08	5.7E-08	3.3E-08	3.0E-08	1.4E-08	7.4E-10	4.6E-09	0.0E+00	0.0E+00	0.0E+00	5.3E-09
1333	UCART2	480609.83	3732202.05	480609.83,	0.047	0.04464	0.02874	0.04259	0.04076	0.03194	2.01E-05	1.95E-05	1.23E-05	6.88E-07	1.89E-07	6.44E-08	5.29E-05	1.8E-08	5.5E-08	3.2E-08	2.9E-08	1.3E-08	7.2E-10	4.4E-09	0.0E+00	0.0E+00	0.0E+00	5.2E-09
1334	UCART2	480659.83	3732202.05	480659.83,	0.0444	0.04274	0.02947	0.04234	0.04094	0.03281	1.90E-05	1.87E-05	1.26E-05	6.84E-07	1.

1410	UCART2	480459.83	3732302.05	480459.83,	0.05854	0.05414	0.028	0.04692	0.04346	0.03114	2.51E-05	2.37E-05	1.20E-05	7.58E-07	2.02E-07	6.28E-08	6.18E-05	2.1E-08	6.5E-08	3.7E-08	3.4E-08	1.5E-08	8.4E-10	5.2E-09	0.0E+00	0.0E+00	0.0E+00	6.0E-09
1411	UCART2	480509.83	3732302.05	480509.83,	0.05467	0.05152	0.0287	0.04653	0.04371	0.03198	2.34E-05	2.25E-05	1.23E-05	7.52E-07	2.03E-07	6.45E-08	5.93E-05	2.1E-08	6.2E-08	3.6E-08	3.3E-08	1.5E-08	8.1E-10	5.0E-09	0.0E+00	0.0E+00	0.0E+00	5.8E-09
1412	UCART2	480559.83	3732302.05	480559.83,	0.05121	0.04906	0.02944	0.04617	0.04394	0.03286	2.19E-05	2.15E-05	1.26E-05	7.46E-07	2.04E-07	6.62E-08	5.70E-05	2.0E-08	6.0E-08	3.5E-08	3.1E-08	1.4E-08	7.8E-10	4.8E-09	0.0E+00	0.0E+00	0.0E+00	5.6E-09
1413	UCART2	480609.83	3732302.05	480609.83,	0.04812	0.04676	0.03022	0.04585	0.04414	0.0338	2.06E-05	2.05E-05	1.30E-05	7.41E-07	2.05E-07	6.81E-08	5.50E-05	1.9E-08	5.8E-08	3.3E-08	3.0E-08	1.4E-08	7.5E-10	4.6E-09	0.0E+00	0.0E+00	0.0E+00	5.4E-09
1414	UCART2	480659.83	3732302.05	480659.83,	0.04536	0.04456	0.03102	0.04553	0.0443	0.03476	1.94E-05	1.95E-05	1.33E-05	7.36E-07	2.06E-07	7.01E-08	5.32E-05	1.8E-08	5.6E-08	3.2E-08	2.9E-08	1.3E-08	7.2E-10	4.5E-09	0.0E+00	0.0E+00	0.0E+00	5.2E-09
1415	UCART2	480709.83	3732302.05	480709.83,	0.04287	0.04252	0.03188	0.04525	0.04446	0.0358	1.84E-05	1.86E-05	1.37E-05	7.31E-07	2.07E-07	7.22E-08	5.16E-05	1.8E-08	5.4E-08	3.1E-08	2.8E-08	1.3E-08	7.0E-10	4.3E-09	0.0E+00	0.0E+00	0.0E+00	5.0E-09
1416	UCART2	480759.83	3732302.05	480759.83,	0.04063	0.04062	0.03277	0.04499	0.04459	0.03687	1.74E-05	1.78E-05	1.41E-05	7.27E-07	2.07E-07	7.43E-08	5.02E-05	1.7E-08	5.3E-08	3.0E-08	2.8E-08	1.3E-08	6.8E-10	4.2E-09	0.0E+00	0.0E+00	0.0E+00	4.9E-09
1417	UCART2	480809.83	3732302.05	480809.83,	0.03861	0.03884	0.03368	0.04472	0.04468	0.03798	1.65E-05	1.70E-05	1.44E-05	7.22E-07	2.08E-07	7.66E-08	4.90E-05	1.7E-08	5.1E-08	3.0E-08	2.7E-08	1.2E-08	6.7E-10	4.1E-09	0.0E+00	0.0E+00	0.0E+00	4.8E-09
1418	UCART2	480859.83	3732302.05	480859.83,	0.03678	0.03717	0.03458	0.04444	0.04472	0.03909	1.58E-05	1.63E-05	1.48E-05	7.18E-07	2.08E-07	7.88E-08	4.78E-05	1.7E-08	5.0E-08	2.9E-08	2.6E-08	1.2E-08	6.5E-10	4.0E-09	0.0E+00	0.0E+00	0.0E+00	4.7E-09
1419	UCART2	480909.83	3732302.05	480909.83,	0.0351	0.03563	0.03555	0.04422	0.04478	0.04034	1.50E-05	1.56E-05	1.52E-05	7.14E-07	2.08E-07	8.13E-08	4.69E-05	1.6E-08	4.9E-08	2.8E-08	2.6E-08	1.2E-08	6.4E-10	3.9E-09	0.0E+00	0.0E+00	0.0E+00	4.6E-09
1420	UCART2	480959.83	3732302.05	480959.83,	0.03357	0.03416	0.0365	0.04395	0.04476	0.04151	1.44E-05	1.49E-05	1.56E-05	7.10E-07	2.08E-07	8.37E-08	4.60E-05	1.6E-08	4.8E-08	2.8E-08	2.5E-08	1.2E-08	6.3E-10	3.9E-09	0.0E+00	0.0E+00	0.0E+00	4.5E-09
1421	UCART2	481009.83	3732302.05	481009.83,	0.03217	0.03278	0.03746	0.04367	0.04471	0.04269	1.38E-05	1.43E-05	1.61E-05	7.05E-07	2.08E-07	8.61E-08	4.52E-05	1.6E-08	4.7E-08	2.7E-08	2.5E-08	1.1E-08	6.1E-10	3.8E-09	0.0E+00	0.0E+00	0.0E+00	4.4E-09
1422	UCART2	481059.83	3732302.05	481059.83,	0.03089	0.0315	0.03842	0.04339	0.04463	0.04386	1.32E-05	1.38E-05	1.65E-05	7.01E-07	2.07E-07	8.84E-08	4.45E-05	1.5E-08	4.6E-08	2.7E-08	2.4E-08	1.1E-08	6.0E-10	3.7E-09	0.0E+00	0.0E+00	0.0E+00	4.3E-09
1423	UCART2	481109.83	3732302.05	481109.83,	0.0297	0.03031	0.03936	0.0431	0.04453	0.04499	1.27E-05	1.33E-05	1.69E-05	6.96E-07	2.07E-07	9.07E-08	4.38E-05	1.5E-08	4.6E-08	2.7E-08	2.4E-08	1.1E-08	6.0E-10	3.7E-09	0.0E+00	0.0E+00	0.0E+00	4.3E-09
1424	UCART2	481159.83	3732302.05	481159.83,	0.0286	0.02919	0.04031	0.04275	0.04431	0.04614	1.23E-05	1.28E-05	1.73E-05	6.91E-07	2.06E-07	9.30E-08	4.33E-05	1.5E-08	4.5E-08	2.6E-08	2.4E-08	1.1E-08	5.9E-10	3.6E-09	0.0E+00	0.0E+00	0.0E+00	4.2E-09
1425	UCART2	481209.83	3732302.05	481209.83,	0.02758	0.02815	0.04126	0.04239	0.04412	0.04727	1.18E-05	1.23E-05	1.77E-05	6.85E-07	2.05E-07	9.53E-08	4.28E-05	1.5E-08	4.5E-08	2.6E-08	2.3E-08	1.1E-08	5.8E-10	3.6E-09	0.0E+00	0.0E+00	0.0E+00	4.2E-09
1426	UCART2	481259.83	3732302.05	481259.83,	0.02664	0.02718	0.0422	0.04208	0.04394	0.04839	1.14E-05	1.19E-05	1.81E-05	6.80E-07	2.04E-07	9.75E-08	4.24E-05	1.5E-08	4.4E-08	2.6E-08	2.3E-08	1.1E-08	5.8E-10	3.5E-09	0.0E+00	0.0E+00	0.0E+00	4.1E-09
1427	UCART2	481309.83	3732302.05	481309.83,	0.02576	0.02627	0.04315	0.04177	0.04375	0.04951	1.10E-05	1.15E-05	1.85E-05	6.75E-07	2.03E-07	9.98E-08	4.20E-05	1.5E-08	4.4E-08	2.5E-08	2.3E-08	1.1E-08	5.7E-10	3.5E-09	0.0E+00	0.0E+00	0.0E+00	4.1E-09
1428	UCART2	481359.83	3732302.05	481359.83,	0.02494	0.02542	0.04407	0.04142	0.0435	0.05057	1.07E-05	1.11E-05	1.89E-05	6.69E-07	2.02E-07	1.02E-07	4.17E-05	1.4E-08	4.4E-08	2.5E-08	2.3E-08	1.0E-08	5.7E-10	3.5E-09	0.0E+00	0.0E+00	0.0E+00	4.1E-09
1429	UCART2	481409.83	3732302.05	481409.83,	0.02417	0.02462	0.045	0.04108	0.04325	0.05166	1.04E-05	1.08E-05	1.93E-05	6.64E-07	2.01E-07	1.04E-07	4.14E-05	1.4E-08	4.3E-08	2.5E-08	2.3E-08	1.0E-08	5.6E-10	3.5E-09	0.0E+00	0.0E+00	0.0E+00	4.0E-09
1430	UCART2	481459.83	3732302.05	481459.83,	0.02345	0.02386	0.04595	0.04073	0.04298	0.05276	1.00E-05	1.04E-05	1.97E-05	6.58E-07	2.00E-07	1.06E-07	4.11E-05	1.4E-08	4.3E-08	2.5E-08	2.3E-08	1.0E-08	5.6E-10	3.4E-09	0.0E+00	0.0E+00	0.0E+00	4.0E-09
1431	UCART2	481509.83	3732302.05	481509.83,	0.02277	0.02316	0.04689	0.04036	0.04268	0.05385	9.75E-06	1.01E-05	2.01E-05	6.52E-07	1.98E-07	1.09E-07	4.09E-05	1.4E-08	4.3E-08	2.5E-08	2.2E-08	1.0E-08	5.6E-10	3.4E-09	0.0E+00	0.0E+00	0.0E+00	4.0E-09
1432	UCART2	481559.83	3732302.05	481559.83,	0.02213	0.02249	0.04782	0.03996	0.04234	0.05494	9.48E-06	9.84E-06	2.05E-05	6.46E-07	1.97E-07	1.11E-07	4.08E-05	1.4E-08	4.3E-08	2.5E-08	2.2E-08	1.0E-08	5.5E-10	3.4E-09	0.0E+00	0.0E+00	0.0E+00	4.0E-09
1433	UCART2	481609.83	3732302.05	481609.83,	0.02153	0.02186	0.04876	0.03955	0.04198	0.05605	9.22E-06	9.56E-06	2.09E-05	6.39E-07	1.95E-07	1.13E-07	4.06E-05	1.4E-08	4.2E-08	2.5E-08	2.2E-08	1.0E-08	5.5E-10	3.4E-09	0.0E+00	0.0E+00	0.0E+00	4.0E-09
1434	UCART2	481659.83	3732302.05	481659.83,	0.02096	0.02127	0.04969	0.03913	0.04159	0.05717	8.98E-06	9.30E-06	2.13E-05	6.32E-07	1.93E-07	1.15E-07	4.05E-05	1.4E-08	4.2E-08	2.5E-08	2.2E-08	1.0E-08	5.5E-10	3.4E-09	0.0E+00	0.0E+00	0.0E+00	3.9E-09
1435	UCART2	479709.83	3732352.05	479709.83,	0.1734	0.08007	0.01955	0.04684	0.03544	0.0212	7.43E-05	3.50E-05	8.38E-06	7.57E-07	1.65E-07	4.27E-08	1.19E-04	4.1E-08	1.2E-07	7.2E-08	6.5E-08	3.0E-08	1.6E-09	9.9E-09	0.0E+00	0.0E+00	0.0E+00	1.2E-08
1436	UCART2	479759.83	3732352.05	479759.83,	0.17003	0.08115	0.02005	0.04817	0.03631	0.02179	7.28E-05	3.55E-05	8.60E-06	7.78E-07	1.69E-07	4.39E-08	1.18E-04	4.1E-08	1.2E-07	7.1E-08	6.5E-08	3.0E-08	1.6E-09	9.9E-09	0.0E+00	0.0E+00	0.0E+00	1.1E-08
1437	UCART2	479809.83	3732352.05	479809.83,	0.1641	0.08191	0.02057	0.04934	0.03716	0.02239	7.03E-05	3.58E-05	8.82E-06	7.97E-07	1.73E-07	4.51E-08	1.16E-04	4.0E-08	1.2E-07	7.0E-08	6.4E-08	2.9E-08	1.6E-09	9.7E-09	0.0E+00	0.0E+00	0.0E+00	1.1E-08
1438	UCART2	479859.83	3732352.05	479859.83,	0.1561	0.08234	0.02111	0.05036	0.03801	0.02301	6.69E-05	3.60E-05	9.05E-06	8.14E-07	1.77E-07	4.64E-08	1.13E-04	3.9E-08	1.2E-07	6.8E-08	6.2E-08	2.8E-08	1.5E-09	9.5E-09	0.0E+00	0.0E+00	0.0E+00	1.1E-08
1439	UCART2	479909.83	3732352.05	479909.83,	0.14652	0.08236	0.02166	0.05115	0.03883	0.02366	6.28E-05	3.60E-05	9.29E-06	8.26E-07	1.81E-07	4.77E-08	1.09E-04	3.8E-08	1.1E-07	6.6E-08	6.0E-08	2.7E-08	1.5E-09	9.1E-09	0.0E+00	0.0E+00	0.0E+00	1.1E-08
1440	UCART2	479959.83	3732352.05	479959.83,	0.13601	0.08185	0.02221	0.05167	0.03962	0.02431	5.83E-05	3.58E-05	9.52E-06	8.35E-07	1.84E-07	4.90E-08	1.05E-04	3.6E-08	1.1E-07	6.3E-08	5.7E-08	2.6E-08	1.4E-09	8.8E-09	0.0E+00	0.0E+00	0.0E+00	1.0E-08
1441	UCART2	480009.83	3732352.05	480009.83,	0.12527	0.0808	0.02278	0.05194	0.0404	0.02498	5.37E-05	3.53E-05	9.77E-06	8.39E-07	1.88E-07	5.04E-08	9.98E-05	3.5E-08	1.0E-07	6.0E-08	5.5E-08	2.5E-08	1.4E-09	8.4E-09	0.0E+00	0.0E+00	0.0E+00	9.7E-09
1442	UCART2	480059.83	3732352.05	480059.83,	0.11482	0.07918	0.02335	0.05197	0.04115	0.02566	4.92E-05	3.46E-05	1.00E-05	8.40E-07	1.91E-07	5.17E-08	9.49E-05	3.3E-08	9.9E-08	5.7E-08	5.2E-08	2.4E-08	1.3E-09	8.0E-09	0.0E+00	0.0E+00	0.0E+00	9.2E-09
1443	UCART2	480109.83	3732352.05	480109.83,	0.10502	0.077	0.02394	0.05178	0.04185	0.02636	4.50E-05	3.37E-05	1.03E-05	8.36E-07	1.95E-07	5.31E-08	9.00E-05	3.1E-08	9.4E-08	5.4E-08	4.9E-08	2.3E-08	1.2E-09	7.5E-09	0.0E+00	0.0E+00	0.0E+00	8.8E-09
1444	UCART2	480159.83	3732352.05	480159.83,	0.09616	0.07439	0.02454	0.05146	0.04252	0.02707	4.12E-05	3.25E-05	1.05E-05	8.31E-07	1.98E-07	5.46E-08	8.53E-05	3.0E-08	8.9E-08	5.2E-08	4.7E-08	2.1E-08	1.2E-09	7.1E-09	0.0E+00	0.0E+00	0.0E+00	8.3E-09
1445	UCART2	480209.83	3732352.05	480209.83,	0.08818	0.07145	0.02516	0.05105	0.04312	0.0278	3.78E-05	3.13E-05	1.08E-05	8.25E-07	2.00E-07	5.60E-08	8.09E-05	2.8E-08	8.5E-08	4.9E-08	4.4E-08	2.0E-08	1.1E-09	6.8E-09	0.0E+00	0.0E+00	0.0E+00	7.9E-09
1446	UCART2	480259.83	3732352.05	480259.83,	0.08111	0.06833	0.0258	0.05062	0.04369	0.02857	3.47E-05	2.99E-05	1.11E-05	8.18E-07	2.03E-07	5.76E-08	7.68E-05	2.7E-08	8.0E-08	4.6E-08	4.2E-08	1.9E-08	1.0E-09	6.4E-09	0.0E+00	0.0E+00	0.0E+00	7.5E-09
1447	UCART2	480309.83	3732352.05	480309.83,	0.07485	0.06511	0.02648	0.05019	0.0442	0.02938	3.21E-05	2.85E-05	1.14E-05	8.11E-07	2.05E-07	5.92E-08	7.30E-05	2.5E-08	7.6E-08	4.4E-08	4.0E-08	1.8E-08	9.9E-10	6.1E-09	0.0E+00	0.0E+00	0.0E+00	7.1E-09
1448	UCART2	480359.83	3732352.05	480359.83,	0.06912	0.06186	0.02718	0.04973	0.04464	0.0302	2.96E-05	2.71E-05	1.17E-05	8.03E-07	2.08E-07	6.09E-08	6.94E-05	2.4E-08	7.3E-08	4.2E-08	3.8E-08	1.7E-08	9.4E-10	5.8E-09	0.0E+00	0.0E+00	0.0E+00	6.8E-09
1449	UCART2	480409.83	3732352.05	480409.83,	0.06398	0.05877	0.02791	0.0493	0.04504	0.03107	2.74E-05	2.57E-05	1.20E-05	7.96E-07	2.09E-07	6.26E-08	6.61E-05	2.3E-08	6.9E-08	4.0E-08	3.6E-08	1.7E-08	9.0E-10	5.5E-09	0.0E+00	0.0E+00	0.0E+00	6.4E-09
1450	UCART2	480459.83	3732352.05	480459.83,	0.05942	0.05583	0.02866	0.04886	0.04537	0.03197	2.55E-05	2.44E-05	1.23E-05	7.89E-07	2.11E-07	6.44E-08	6.32E-05	2.2E-08	6.6E-08	3.8E-08	3.5E-08	1.6E-08	8.6E-10	5.3E-09	0.0E+00	0.0E+00	0.0E+00	6.2E-09
1451	UCART2	480509.83	3732352.05	480509.83,	0.05538	0.05299	0.02941	0.04843	0.04563	0.03287	2.37E-05	2.32E-05	1.26E-05	7.82E-07	2.12E-07	6.63E-08	6.06E-05	2.1E-08	6.3E-08	3.7E-08	3.3E-08	1.5E-08	8.2E-10	5.1E-09	0.0E+00	0.0E+00	0.0E+00	5.9E-09
1452	UCART2	480559.83	3732352.05	480559.83,	0.0518	0.05032	0.0302	0.04802	0.04585	0.03381	2.22E-05	2.20E-05	1.29E-05	7.76E-07	2.13E-07	6.82E-08	5.82E-05	2.0E-08	6.1E-08	3.5E-08	3.2E-08	1.5E-08	7.9E-10	4.9E-09	0.0E+00	0.0E+00	0.0E+00	5.7E-09
1453	UCART2	480609.83	3732352.05	480609.83,	0.04862	0.04781	0.03101	0.04764	0.04603	0.0348	2.08E-05	2.09E-05	1.33E-05	7.70E-07	2.14E-07	7.02E-08	5.61E-05	1.9E-08	5.9E-08	3.4E-08	3.1E-08	1.4E-08	7.6E-10	4.7E-09	0.0E+00	0.0E+00	0.0E+00	5.5E-09
1454	UCART2	480659.83	3732352.05	480659.83,	0.04578	0.04547	0.03187	0.04731	0.0462	0.03584	1.96E-05	1.99E-05	1.37E-05	7.64E-07	2.15E-07	7.22E-08	5.42E-05	1.9E-08	5.7E-08	3.3E-08	3.0E-08	1.4E-08	7.4E-10	4.5E-09	0.0E+00	0.0E+00	0.0E+00	5.3E-09
1455	UCART2	480709.83	3732352.05	480709.83,	0.04325	0.04317	0.03267	0.04695	0.04634	0.03693	1.85E-05	1.89E-05	1.41E-05	7.59E-07	2.16E-07	7.44E-08	5.26E-05	1.8E-08	5.5E-08	3.2E-08	2.9E-08	1.3E-08	7.1E-10	4.4E-09	0.0E+00	0.0E+00	0.0E+00	5.1E-09
1456	UCART2	480759.83	3732352.05	480759.83,	0.04097	0.04127	0.0337	0.04669	0.04645	0.03806	1.75E-05	1.81E-05	1.44E-05	7.54E-07	2.16E-07	7.67E-08	5.11E-05	1.8E-08	5.3E-08	3.1E-08	2.8E-08	1.3E-08	6.9E-10	4.3E-09	0.0E+00	0.0E+00	0.0E+00	5.0E-09
1457	UCART2	480809.83	3732352.05	480809.83,	0.03891	0.03945	0.03471	0.04644	0.04658	0.03932	1.67E-05	1.73E-05	1.49E-05	7.50E-07	2.17E-07	7.93E-08	4.99E-05	1.7E-08	5.2E-08	3.0E-08	2.7E-08	1.2E-08	6.8E-10	4.2E-09	0.0E+00	0.0E+00	0.0E+00	4.9E-09
1458	UCART2	480859.83	3732352.05	480859.83,	0.03705	0.03768	0.03566	0.04614	0.04659	0.04048	1.59E-05	1.65E-05	1.53E-05	7.45E-07	2.17E-07	8.16E-08	4.87E-05	1.7E-08	5.1E-08	2.9E-08	2.7E-08	1.2E-08	6.6E-10	4.1E-09	0.0E+00	0.0E+00	0.0E+00	4.7E-09
1459	UCART2	480909.83	3732352.05	480909.83,	0.03535	0.03608	0.03671	0.0459	0.04665	0.04185	1.51E-05	1.58E-05	1.57E-05	7.41E-07	2.17E-07	8.44E-08	4.77E-05	1.7E-08	5.0E-08	2.9E-08	2.6E-08	1.2E-08	6.5E-10	4.0E-09	0.0E+00	0.0E+00	0.0E+00	4.6E-09
1460	UCART2	480959.83	3732352.05	480959.83,	0.0338	0.03455	0.03774	0.04562	0.04663	0.04313	1.45E-05	1.51E-05	1.62E-05	7.37E-07	2.17E-07	8.69E-08	4.68E-05	1.6E-08	4.9E-08	2.8E-08	2.6E-08	1.2E-08	6.4E-10	3.9E-09	0.0E+00	0.0E+00	0.0E+00	4.6E-09
1461	UCART2	481009.83	3732352.05	481009.83,	0.03239	0.03313	0.03878	0.04533	0.04658	0.04442	1.39E-05	1.45E-05	1.66E-05	7.32E-07	2.17E-07	8.95E-08	4.60E-05	1.6E-08	4.8E-08	2.8E-08	2.5E-08	1.2E-08	6.3E-10	3.9E-09	0.0E+00	0.0E+00	0.0E+00	4.5E-09
1462	UCART2	481059.83	3732352.05	481059.83,	0.03109	0.03181	0.03981	0.04504	0.04649	0.0457	1.33E-05	1.39E-05	1.71E-05	7.28E-07	2.16E-07	9.21E-08	4.53E-05	1.6E-08	4.7E-08	2.7E-08	2.5E-08	1.1E-08	6.2E-10	3.8E-09	0.0E+00	0.0E+00	0.0E+00	4.4E-09
1463	UCART2	481109.83	3732352.05	481109.83,	0.0299	0.03058	0.04084	0.04473	0.04637	0.04695	1.28E-05	1.34E-05	1.75E-05	7.23E-07	2.16E-07	9.46E-08	4.47E-05	1.5E-08	4.7E-08	2.7E-08	2.5E-08	1.1E-08	6.1E-10	3.7E-09	0.0E+00	0.0E+00	0.0E+00	4.4E-09
1464	UCART2	481159.83	3732352.05	481159.83,	0.02879	0.02944	0.04187	0.04441	0.04618	0.04822	1.23E-05	1.29E-05	1.80E-05	7.17E-07	2.15E-07	9.72E-08	4.42E-05	1.5E-08	4.6E-08	2.7E-08	2.4E-08	1.1E-08	6.0E-10	3.7E-09	0.0E+00	0.0E+00	0.0E+00	4.3E-09
1465	UCART2	481209.83	3732352.05	481209.83,	0.02777	0.02838	0.04292	0.04402	0.04592	0.04949	1.19E-05	1.24E-05	1.84E-05	7.11E-07	2.13E-07	9.98E-08	4.37E-05	1.5E-08	4.6E-08	2.6E-08	2.4E-08	1.1E-08	5.9E-10	3.7E-09	0.0E+00	0.0E+00	0.0E+00	4.3E-09
1466	UCART2	481259.83	3732352.05	481259.83,	0.02682	0.02737	0.04395	0.04366	0.04573	0.05074	1.15E-05	1.20E-05	1.88E-05	7.05E-07	2.13E-07	1.02E-07	4.33E-05	1.5E-08	4.5E-08	2.6E-08	2.4E-08	1.1E-08	5.9E-10	3.6E-09	0.0E+00	0.0E+00	0.0E+00	4.2E-09
1467	UCART2	481309.83	3732352.05	481309.83,	0.02592	0.02645	0.04503	0.04335	0.04554	0.05201	1.11E-05	1.16E-05	1.93E-05	7.00E-07	2.12E-07	1.05E-07	4.30E-05	1.5E-08	4.5E-08	2.6E-08	2.4E-08	1.1E-08	5.8E-10	3.6E-09	0.0E+00	0.0E+00	0.0E+00	4.2E-09
1468	UCART2	481359.83	3732352.05	481359.83,	0.0251	0.02559	0.04605	0.04298	0.04528	0.05322	1.08E-05	1.12E-05	1.97E-05	6.94E-07	2.10E-07	1.07E-07	4.27E-05	1.5E-08	4.5E-08	2.6E-08	2.3E-08	1.1E-08	5.8E-10	3.6E-09	0.0E+00	0.0E+00	0.0E+00	4.2E-09
1469	UCART2	481409.83	3732352.05	481409.83,	0.02432	0.02478	0.04708	0.04262	0.045	0.05442	1.04E-05	1.08E-05	2.02E-05	6.89E-07	2.09E-07	1.10E-07	4.24E-05	1.5E-08	4.4E-08	2.6E-08	2.3E-08	1.1E-08	5.8E-10	3.6E-09	0.0E+00	0.0E+00	0.0E+00	4.1E-09
1470	UCART2	481459.83	3732352.05	481459.83,	0.02359	0.02401	0.04813	0.04225	0.04471	0.05566	1.01E-05	1.05E-05	2.06E-05	6.83E-07	2.08E-07	1.12E-07	4.22E-05	1.5E-08	4.4E-08	2.6E-08	2.3E-08	1.1E-08	5.7E-10	3.5E-09	0.0E+00	0.0E+00	0.0E+00	4.1E-09
1471	UCART2	481509.83	3732352.05	481509.83,	0.0229	0.0233	0.04917	0.04185	0.04438	0.05687	9.81E-06	1.02E-05	2.11E-05	6.76E-07	2.06E-07	1.15E-07	4.21E-05	1.5E-08	4.4E-08	2.5E-08	2.3E-08	1.1E-08	5.7E-10	3.5E-09	0.0E+00	0.0E+00	0.0E+00	4.1E-09
1472	UCART2	481559.83	3732352.05	481559.83,	0.02225	0.02262	0.05025	0.04147	0.04406	0.05817	9.53E-06	9.89E-06	2.15E-05	6.70E-07	2.05E-07	1.17E-07	4.20E-05	1.5E-08	4.4E-08	2.5E-08	2.3E-08	1.1E-08	5.7E-10	3.5E-09	0.0E+00	0.0E+00	0.0E+00	4.1E-09
1473	UCART2	481609.83	3732352.05	481609.83,	0.02164	0.02199	0.05127	0.04102	0.04365	0.05938	9.27E-06	9.62E-06	2.20E-05	6.63E-07	2.03E-07	1.20E-07	4.19E-05	1.4E-08	4.4E-08	2.5E-08	2.3E-08	1.0E-08	5.7E-10	3.5E-09	0.0E+00	0.0E+00	0.0E+00	4.1E-09
1474	UCART2	481659.83	3732352.05	481659.83,	0.02106	0.02138	0.05235	0.04059	0.04326	0.06069	9.02E-06	9.35E-06	2.24E-05	6.56E-07	2.01E-07	1.22E-07	4.18E-05	1.4E-08	4.4E-08	2.5E-08	2.3E-08	1.0E-08	5.7E-10	3.5E-09	0.0E+00	0.0E+00	0.0E+00	4.1E-09
1475	UCART2	479709.83	3732402.05	479709.83,	0.19704	0.08668	0.01965	0.05008	0.03688	0.02131	8.44E-05	3.79E-05	8.43E-06	8.09E-07	1.71E-07	4.30E-08	1.32E-04	4.6E-08	1.4E-07	8.0E-08	7.2E-08	3.3E-08	1.8E-09	1.1E-08	0.0E+00	0.0E+00	0.0E+00	1.3E-08
1476	UCART2	479759.83	3732402.05	479759.83,	0.19173	0.08794	0.02017	0.05162	0.03784	0.02192	8.21E-05	3.85E-05	8.65E-06	8.34E-07	1.76E-07	4.



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1836	UCART2	479759.83	3732852.05	479759.83,	0.82892	0.25303	0.02153	0.2031	0.06443	0.02341	3.55E-04	1.11E-04	9.23E-06	3.28E-06	3.00E-07	4.72E-08	4.79E-04	1.7E-07	5.0E-07	2.9E-07	2.6E-07	1.2E-07	6.5E-09	4.0E-08	0.0E+00	0.0E+00	0.0E+00	4.7E-08
1837	UCART2	479809.83	3732852.05	479809.83,	0.57599	0.24415	0.02202	0.17887	0.06643	0.024	2.47E-04	1.07E-04	9.44E-06	2.89E-06	3.09E-07	4.84E-08	3.66E-04	1.3E-07	3.8E-07	2.2E-07	2.0E-07	9.2E-08	5.0E-09	3.1E-08	0.0E+00	0.0E+00	0.0E+00	3.6E-08
1838	UCART2	479859.83	3732852.05	479859.83,	0.41433	0.23135	0.02264	0.15398	0.06848	0.02474	1.77E-04	1.01E-04	9.71E-06	2.49E-06	3.18E-07	4.99E-08	2.91E-04	1.0E-07	3.0E-07	1.8E-07	1.6E-07	7.3E-08	4.0E-09	2.4E-08	0.0E+00	0.0E+00	0.0E+00	2.8E-08
1839	UCART2	479909.83	3732852.05	479909.83,	0.31011	0.2144	0.0233	0.13383	0.07014	0.02551	1.33E-04	9.38E-05	9.99E-06	2.16E-06	3.26E-07	5.14E-08	2.39E-04	8.3E-08	2.5E-07	1.4E-07	1.3E-07	6.0E-08	3.3E-09	2.0E-08	0.0E+00	0.0E+00	0.0E+00	2.3E-08
1840	UCART2	479959.83	3732852.05	479959.83,	0.24481	0.19618	0.02412	0.1197	0.07179	0.02647	1.05E-04	8.58E-05	1.03E-05	1.93E-06	3.34E-07	5.34E-08	2.03E-04	7.0E-08	2.1E-07	1.2E-07	1.1E-07	5.1E-08	2.8E-09	1.7E-08	0.0E+00	0.0E+00	0.0E+00	2.0E-08
1841	UCART2	480009.83	3732852.05	480009.83,	0.19978	0.17837	0.02522	0.11001	0.07355	0.02772	8.56E-05	7.80E-05	1.08E-05	1.78E-06	3.42E-07	5.59E-08	1.77E-04	6.1E-08	1.8E-07	1.1E-07	9.7E-08	4.4E-08	2.4E-09	1.5E-08	0.0E+00	0.0E+00	0.0E+00	1.7E-08
1842	UCART2	480059.83	3732852.05	480059.83,	0.16573	0.15926	0.02599	0.10151	0.07414	0.02866	7.10E-05	6.97E-05	1.11E-05	1.64E-06	3.45E-07	5.78E-08	1.54E-04	5.3E-08	1.6E-07	9.3E-08	8.4E-08	3.9E-08	2.2E-09	1.3E-08	0.0E+00	0.0E+00	0.0E+00	1.5E-08
1843	UCART2	480109.83	3732852.05	480109.83,	0.14073	0.14201	0.02687	0.09525	0.07464	0.02971	6.03E-05	6.21E-05	1.15E-05	1.54E-06	3.47E-07	5.99E-08	1.36E-04	4.7E-08	1.4E-07	8.2E-08	7.5E-08	3.4E-08	1.8E-09	1.1E-08	0.0E+00	0.0E+00	0.0E+00	1.3E-08
1844	UCART2	480159.83	3732852.05	480159.83,	0.12173	0.12784	0.02809	0.09113	0.0756	0.03116	5.21E-05	5.59E-05	1.20E-05	1.47E-06	3.51E-07	6.28E-08	1.22E-04	4.2E-08	1.3E-07	7.4E-08	6.7E-08	3.1E-08	1.7E-09	1.0E-08	0.0E+00	0.0E+00	0.0E+00	1.2E-08
1845	UCART2	480209.83	3732852.05	480209.83,	0.10688	0.11467	0.0292	0.08769	0.07611	0.03251	4.58E-05	5.02E-05	1.25E-05	1.42E-06	3.54E-07	6.55E-08	1.10E-04	3.8E-08	1.2E-07	6.7E-08	6.0E-08	2.8E-08	1.5E-09	9.2E-09	0.0E+00	0.0E+00	0.0E+00	1.1E-08
1846	UCART2	480259.83	3732852.05	480259.83,	0.09508	0.10273	0.03018	0.08475	0.07623	0.03372	4.07E-05	4.49E-05	1.29E-05	1.37E-06	3.54E-07	6.80E-08	1.00E-04	3.5E-08	1.0E-07	6.1E-08	5.5E-08	2.5E-08	1.4E-09	8.4E-09	0.0E+00	0.0E+00	0.0E+00	9.8E-09
1847	UCART2	480309.83	3732852.05	480309.83,	0.08548	0.09261	0.03127	0.08251	0.0764	0.03508	3.66E-05	4.05E-05	1.34E-05	1.33E-06	3.55E-07	7.07E-08	9.23E-05	3.2E-08	9.6E-08	5.6E-08	5.1E-08	2.3E-08	1.3E-09	7.7E-09	0.0E+00	0.0E+00	0.0E+00	9.0E-09
1848	UCART2	480359.83	3732852.05	480359.83,	0.07754	0.08407	0.03249	0.08082	0.07667	0.03661	3.32E-05	3.68E-05	1.39E-05	1.31E-06	3.56E-07	7.38E-08	8.57E-05	3.0E-08	9.0E-08	5.2E-08	4.7E-08	2.1E-08	1.2E-09	7.2E-09	0.0E+00	0.0E+00	0.0E+00	8.3E-09
1849	UCART2	480409.83	3732852.05	480409.83,	0.07091	0.07653	0.03367	0.0793	0.0767	0.0381	3.04E-05	3.35E-05	1.44E-05	1.28E-06	3.57E-07	7.68E-08	8.00E-05	2.8E-08	8.4E-08	4.8E-08	4.4E-08	2.0E-08	1.1E-09	6.7E-09	0.0E+00	0.0E+00	0.0E+00	7.8E-09
1850	UCART2	480459.83	3732852.05	480459.83,	0.06525	0.07028	0.03506	0.07826	0.07697	0.03987	2.79E-05	3.07E-05	1.50E-05	1.26E-06	3.58E-07	8.04E-08	7.54E-05	2.6E-08	7.9E-08	4.6E-08	4.1E-08	1.9E-08	1.0E-09	6.3E-09	0.0E+00	0.0E+00	0.0E+00	7.3E-09
1851	UCART2	480509.83	3732852.05	480509.83,	0.06038	0.06494	0.03657	0.07747	0.07729	0.04182	2.59E-05	2.84E-05	1.57E-05	1.25E-06	3.59E-07	8.43E-08	7.16E-05	2.5E-08	7.5E-08	4.3E-08	3.9E-08	1.8E-08	9.7E-10	6.0E-09	0.0E+00	0.0E+00	0.0E+00	7.0E-09
1852	UCART2	480559.83	3732852.05	480559.83,	0.05617	0.06026	0.03815	0.07681	0.07756	0.0439	2.41E-05	2.64E-05	1.64E-05	1.24E-06	3.61E-07	8.85E-08	6.85E-05	2.4E-08	7.2E-08	4.1E-08	3.8E-08	1.7E-08	9.3E-10	5.7E-09	0.0E+00	0.0E+00	0.0E+00	6.7E-09
1853	UCART2	480609.83	3732852.05	480609.83,	0.05249	0.05613	0.0398	0.07623	0.07776	0.04609	2.25E-05	2.46E-05	1.71E-05	1.23E-06	3.61E-07	9.29E-08	6.58E-05	2.3E-08	6.9E-08	4.0E-08	3.6E-08	1.6E-08	8.9E-10	5.5E-09	0.0E+00	0.0E+00	0.0E+00	6.4E-09
1854	UCART2	480659.83	3732852.05	480659.83,	0.04924	0.05249	0.04157	0.07574	0.07795	0.04845	2.11E-05	2.30E-05	1.78E-05	1.22E-06	3.62E-07	9.77E-08	6.36E-05	2.2E-08	6.6E-08	3.8E-08	3.5E-08	1.6E-08	8.6E-10	5.3E-09	0.0E+00	0.0E+00	0.0E+00	6.2E-09
1855	UCART2	480709.83	3732852.05	480709.83,	0.04636	0.04925	0.04346	0.07531	0.0781	0.05096	1.99E-05	2.15E-05	1.86E-05	1.22E-06	3.63E-07	1.03E-07	6.17E-05	2.1E-08	6.5E-08	3.7E-08	3.4E-08	1.5E-08	8.4E-10	5.2E-09	0.0E+00	0.0E+00	0.0E+00	6.0E-09
1856	UCART2	480759.83	3732852.05	480759.83,	0.0438	0.04638	0.04542	0.07485	0.07814	0.0536	1.88E-05	2.03E-05	1.95E-05	1.21E-06	3.63E-07	1.08E-07	6.02E-05	2.1E-08	6.3E-08	3.6E-08	3.3E-08	1.5E-08	8.2E-10	5.0E-09	0.0E+00	0.0E+00	0.0E+00	5.9E-09
1857	UCART2	480809.83	3732852.05	480809.83,	0.04148	0.04381	0.04762	0.07451	0.07826	0.05668	1.78E-05	1.92E-05	2.04E-05	1.20E-06	3.64E-07	1.14E-07	5.90E-05	2.0E-08	6.2E-08	3.6E-08	3.2E-08	1.5E-08	8.0E-10	4.9E-09	0.0E+00	0.0E+00	0.0E+00	5.7E-09
1858	UCART2	480859.83	3732852.05	480859.83,	0.0394	0.04151	0.04989	0.07409	0.07821	0.05977	1.69E-05	1.82E-05	2.14E-05	1.20E-06	3.64E-07	1.20E-07	5.81E-05	2.0E-08	6.1E-08	3.5E-08	3.2E-08	1.5E-08	7.9E-10	4.9E-09	0.0E+00	0.0E+00	0.0E+00	5.7E-09
1859	UCART2	480909.83	3732852.05	480909.83,	0.0375	0.03943	0.0523	0.07365	0.07813	0.06311	1.61E-05	1.72E-05	2.24E-05	1.19E-06	3.63E-07	1.27E-07	5.74E-05	2.0E-08	6.0E-08	3.5E-08	3.1E-08	1.4E-08	7.8E-10	4.8E-09	0.0E+00	0.0E+00	0.0E+00	5.6E-09
1860	UCART2	480959.83	3732852.05	480959.83,	0.03578	0.03756	0.05485	0.0733	0.07809	0.06666	1.53E-05	1.64E-05	2.35E-05	1.18E-06	3.63E-07	1.34E-07	5.70E-05	2.0E-08	6.0E-08	3.4E-08	3.1E-08	1.4E-08	7.7E-10	4.8E-09	0.0E+00	0.0E+00	0.0E+00	5.5E-09
1861	UCART2	481009.83	3732852.05	481009.83,	0.03421	0.03585	0.05755	0.07294	0.078	0.07046	1.47E-05	1.57E-05	2.47E-05	1.18E-06	3.63E-07	1.42E-07	5.67E-05	2.0E-08	5.9E-08	3.4E-08	3.1E-08	1.4E-08	7.7E-10	4.7E-09	0.0E+00	0.0E+00	0.0E+00	5.5E-09
1862	UCART2	481059.83	3732852.05	481059.83,	0.03277	0.0343	0.0604	0.07256	0.07785	0.07451	1.40E-05	1.50E-05	2.59E-05	1.17E-06	3.62E-07	1.50E-07	5.66E-05	2.0E-08	5.9E-08	3.4E-08	3.1E-08	1.4E-08	7.7E-10	4.7E-09	0.0E+00	0.0E+00	0.0E+00	5.5E-09
1863	UCART2	481109.83	3732852.05	481109.83,	0.03145	0.03288	0.06341	0.07215	0.07766	0.07881	1.35E-05	1.44E-05	2.72E-05	1.17E-06	3.61E-07	1.59E-07	5.67E-05	2.0E-08	5.9E-08	3.4E-08	3.1E-08	1.4E-08	7.7E-10	4.8E-09	0.0E+00	0.0E+00	0.0E+00	5.5E-09
1864	UCART2	481159.83	3732852.05	481159.83,	0.03023	0.03157	0.06658	0.07172	0.07741	0.08337	1.29E-05	1.38E-05	2.85E-05	1.16E-06	3.60E-07	1.68E-07	5.70E-05	2.0E-08	6.0E-08	3.4E-08	3.1E-08	1.4E-08	7.8E-10	4.8E-09	0.0E+00	0.0E+00	0.0E+00	5.5E-09
1865	UCART2	481209.83	3732852.05	481209.83,	0.0291	0.03036	0.06991	0.07127	0.07712	0.08818	1.25E-05	1.33E-05	3.00E-05	1.15E-06	3.58E-07	1.78E-07	5.74E-05	2.0E-08	6.0E-08	3.5E-08	3.1E-08	1.4E-08	7.8E-10	4.8E-09	0.0E+00	0.0E+00	0.0E+00	5.6E-09
1866	UCART2	481259.83	3732852.05	481259.83,	0.02805	0.02924	0.07336	0.07077	0.07675	0.09321	1.20E-05	1.28E-05	3.15E-05	1.14E-06	3.57E-07	1.88E-07	5.79E-05	2.0E-08	6.1E-08	3.5E-08	3.2E-08	1.5E-08	7.9E-10	4.9E-09	0.0E+00	0.0E+00	0.0E+00	5.6E-09
1867	UCART2	481309.83	3732852.05	481309.83,	0.02707	0.0282	0.07699	0.07026	0.07637	0.09851	1.16E-05	1.23E-05	3.30E-05	1.14E-06	3.55E-07	1.99E-07	5.86E-05	2.0E-08	6.1E-08	3.5E-08	3.2E-08	1.5E-08	8.0E-10	4.9E-09	0.0E+00	0.0E+00	0.0E+00	5.7E-09
1868	UCART2	481359.83	3732852.05	481359.83,	0.02617	0.02724	0.08067	0.06967	0.07586	0.10387	1.12E-05	1.19E-05	3.46E-05	1.13E-06	3.53E-07	2.09E-07	5.94E-05	2.1E-08	6.2E-08	3.6E-08	3.3E-08	1.5E-08	8.1E-10	5.0E-09	0.0E+00	0.0E+00	0.0E+00	5.8E-09
1869	UCART2	481409.83	3732852.05	481409.83,	0.02531	0.02634	0.08455	0.06911	0.07539	0.10957	1.08E-05	1.15E-05	3.63E-05	1.12E-06	3.50E-07	2.21E-07	6.03E-05	2.1E-08	6.3E-08	3.6E-08	3.3E-08	1.5E-08	8.2E-10	5.1E-09	0.0E+00	0.0E+00	0.0E+00	5.9E-09
1870	UCART2	481459.83	3732852.05	481459.83,	0.0245	0.02549	0.08856	0.06853	0.07488	0.11549	1.05E-05	1.11E-05	3.80E-05	1.11E-06	3.48E-07	2.33E-07	6.13E-05	2.1E-08	6.4E-08	3.7E-08	3.4E-08	1.5E-08	8.3E-10	5.1E-09	0.0E+00	0.0E+00	0.0E+00	6.0E-09
1871	UCART2	481509.83	3732852.05	481509.83,	0.02373	0.02467	0.09264	0.06799	0.07438	0.12142	1.02E-05	1.08E-05	3.97E-05	1.10E-06	3.46E-07	2.45E-07	6.24E-05	2.2E-08	6.5E-08	3.8E-08	3.4E-08	1.6E-08	8.5E-10	5.2E-09	0.0E+00	0.0E+00	0.0E+00	6.1E-09
1872	UCART2	481559.83	3732852.05	481559.83,	0.02305	0.02395	0.09678	0.06713	0.07354	0.1273	9.87E-06	1.05E-05	4.15E-05	1.08E-06	3.42E-07	2.57E-07	6.35E-05	2.2E-08	6.6E-08	3.8E-08	3.5E-08	1.6E-08	8.6E-10	5.3E-09	0.0E+00	0.0E+00	0.0E+00	6.2E-09
1873	UCART2	481609.83	3732852.05	481609.83,	0.02239	0.02326	0.10105	0.06634	0.07276	0.13336	9.59E-06	1.02E-05	4.33E-05	1.07E-06	3.38E-07	2.69E-07	6.48E-05	2.2E-08	6.8E-08	3.9E-08	3.6E-08	1.6E-08	8.8E-10	5.4E-09	0.0E+00	0.0E+00	0.0E+00	6.3E-09
1874	UCART2	481659.83	3732852.05	481659.83,	0.02175	0.02259	0.10556	0.06557	0.07199	0.13991	9.32E-06	9.88E-06	4.53E-05	1.06E-06	3.35E-07	2.82E-07	6.61E-05	2.3E-08	6.9E-08	4.0E-08	3.6E-08	1.7E-08	9.0E-10	5.5E-09	0.0E+00	0.0E+00	0.0E+00	6.4E-09
1875	UCART2	479709.83	3732902.05	479709.83,	1.62246	0.30207	0.0211	0.33633	0.06728	0.02289	6.95E-04	1.32E-04	9.05E-06	5.43E-06	3.13E-07	4.61E-08	8.42E-04	2.9E-07	8.8E-07	5.1E-07	4.6E-07	2.1E-07	1.1E-08	7.1E-08	0.0E+00	0.0E+00	0.0E+00	8.2E-08
1876	UCART2	479759.83	3732902.05	479759.83,	1.00569	0.29688	0.02161	0.28847	0.07004	0.0235	4.31E-04	1.30E-04	9.27E-06	4.66E-06	3.26E-07	4.74E-08	5.75E-04	2.0E-07	6.0E-07	3.5E-07	3.2E-07	1.4E-07	7.8E-09	4.8E-08	0.0E+00	0.0E+00	0.0E+00	5.6E-08
1877	UCART2	479809.83	3732902.05	479809.83,	0.63712	0.28355	0.02217	0.22366	0.07254	0.02416	2.73E-04	1.24E-04	9.51E-06	3.61E-06	3.37E-07	4.87E-08	4.10E-04	1.4E-07	4.3E-07	2.5E-07	2.3E-07	1.0E-07	5.6E-09	3.4E-08	0.0E+00	0.0E+00	0.0E+00	4.0E-08
1878	UCART2	479859.83	3732902.05	479859.83,	0.44049	0.26478	0.02286	0.17958	0.07496	0.02497	1.89E-04	1.16E-04	9.80E-06	2.90E-06	3.48E-07	5.03E-08	3.18E-04	1.1E-07	3.3E-07	1.9E-07	1.7E-07	7.9E-08	4.3E-09	2.7E-08	0.0E+00	0.0E+00	0.0E+00	3.1E-08
1879	UCART2	479909.83	3732902.05	479909.83,	0.31709	0.23939	0.02339	0.14842	0.07618	0.02561	1.36E-04	1.05E-04	1.00E-05	2.40E-06	3.54E-07	5.16E-08	2.53E-04	8.8E-08	2.6E-07	1.5E-07	1.4E-07	6.3E-08	3.4E-09	2.1E-08	0.0E+00	0.0E+00	0.0E+00	2.5E-08
1880	UCART2	479959.83	3732902.05	479959.83,	0.24862	0.21519	0.02423	0.13011	0.07781	0.02659	1.06E-04	9.41E-05	1.04E-05	2.10E-06	3.62E-07	5.36E-08	2.14E-04	7.4E-08	2.2E-07	1.3E-07	1.2E-07	5.3E-08	2.9E-09	1.8E-08	0.0E+00	0.0E+00	0.0E+00	2.1E-08
1881	UCART2	480009.83	3732902.05	480009.83,	0.19207	0.19305	0.02526	0.11796	0.0793	0.02778	8.66E-05	8.49E-05	1.08E-05	1.91E-06	3.68E-07	5.60E-08	1.84E-04	6.4E-08	1.9E-07	1.1E-07	1.0E-07	4.6E-08	2.5E-09	1.5E-08	0.0E+00	0.0E+00	0.0E+00	1.8E-08
1882	UCART2	480059.83	3732902.05	480059.83,	0.16738	0.16943	0.02614	0.1083	0.07991	0.02881	7.17E-05	7.41E-05	1.12E-05	1.75E-06	3.71E-07	5.81E-08	1.59E-04	5.5E-08	1.7E-07	9.6E-08	8.7E-08	4.0E-08	2.2E-09	1.3E-08	0.0E+00	0.0E+00	0.0E+00	1.6E-08
1883	UCART2	480109.83	3732902.05	480109.83,	0.14199	0.14959	0.0271	0.10137	0.08039	0.02996	6.08E-05	6.54E-05	1.16E-05	1.64E-06	3.74E-07	6.04E-08	1.40E-04	4.8E-08	1.5E-07	8.5E-08	7.7E-08	3.5E-08	1.9E-09	1.2E-08	0.0E+00	0.0E+00	0.0E+00	1.4E-08
1884	UCART2	480159.83	3732902.05	480159.83,	0.12266	0.13326	0.02836	0.09677	0.08128	0.03146	5.25E-05	5.83E-05	1.22E-05	1.56E-06	3.78E-07	6.34E-08	1.25E-04	4.3E-08	1.3E-07	7.6E-08	6.9E-08	3.1E-08	1.7E-09	1.0E-08	0.0E+00	0.0E+00	0.0E+00	1.2E-08
1885	UCART2	480209.83	3732902.05	480209.83,	0.10761	0.11859	0.0295	0.09302	0.08173	0.03287	4.61E-05	5.19E-05	1.26E-05	1.50E-06	3.80E-07	6.63E-08	1.13E-04	3.9E-08	1.2E-07	6.8E-08	6.2E-08	2.8E-08	1.5E-09	9.4E-09	0.0E+00	0.0E+00	0.0E+00	1.1E-08
1886	UCART2	480259.83	3732902.05	480259.83,	0.09565	0.10581	0.0306	0.09002	0.08193	0.03423	4.10E-05	4.63E-05	1.31E-05	1.45E-06	3.81E-07	6.90E-08	1.02E-04	3.5E-08	1.1E-07	6.2E-08	5.6E-08	2.6E-08	1.4E-09	8.6E-09	0.0E+00	0.0E+00	0.0E+00	1.0E-08
1887	UCART2	480309.83	3732902.05	480309.83,	0.08594	0.09498	0.03175	0.08769	0.08211	0.03567	3.68E-05	4.15E-05	1.36E-05	1.42E-06	3.82E-07	7.19E-08	9.38E-05	3.2E-08	9.8E-08	5.7E-08	5.1E-08	2.3E-08	1.3E-09	7.9E-09	0.0E+00	0.0E+00	0.0E+00	9.1E-09
1888	UCART2	480359.83	3732902.05	480359.83,	0.07791	0.08585	0.03299	0.08591	0.08232	0.03725	3.34E-05	3.76E-05	1.41E-05	1.39E-06	3.83E-07	7.51E-08	8.69E-05	3.0E-08	9.1E-08	5.3E-08	4.8E-08	2.2E-08	1.2E-09	7.3E-09	0.0E+00	0.0E+00	0.0E+00	8.5E-09
1889	UCART2	480409.83	3732902.05	480409.83,	0.07124	0.07781	0.03417	0.0842	0.08219	0.03869	3.05E-05	3.40E-05	1.47E-05	1.36E-06	3.82E-07	7.80E-08	8.10E-05	2.8E-08	8.5E-08	4.9E-08	4.4E-08	2.0E-08	1.1E-09	6.8E-09	0.0E+00	0.0E+00	0.0E+00	7.9E-09
1890	UCART2	480459.83	3732902.05	480459.83,	0.06553	0.0713	0.03561	0.08311	0.08243	0.04054	2.81E-05	3.12E-05	1.53E-05	1.34E-06	3.83E-07	8.17E-08	7.63E-05	2.6E-08	8.0E-08	4.6E-08	4.2E-08	1.9E-08	1.0E-09	6.4E-09	0.0E+00	0.0E+00	0.0E+00	7.4E-09
1891	UCART2	480509.83	3732902.05	480509.83,	0.06061	0.0658	0.03722	0.08239	0.08285	0.04268	2.60E-05	2.88E-05	1.60E-05	1.33E-06	3.85E-07	8.60E-08	7.25E-05	2.5E-08	7.6E-08	4.4E-08	4.0E-08	1.8E-08	9.9E-10	6.1E-09	0.0E+00	0.0E+00	0.0E+00	7.1E-09
1892	UCART2	480559.83	3732902.05	480559.83,	0.05635	0.06093	0.03889	0.08171	0.08311	0.04486	2.41E-05	2.67E-05	1.67E-05	1.32E-06	3.86E-07	9.04E-08	6.93E-05	2.4E-08	7.2E-08	4.2E-08	3.8E-08	1.7E-08	9.4E-10	5.8E-09	0.0E+00	0.0E+00	0.0E+00	6.7E-09
1893	UCART2	480609.83	3732902.05	480609.83,	0.05265	0.05667	0.04063	0.08107	0.08326	0.04715	2.26E-05	2.48E-05	1.74E-05	1.31E-06	3.87E-07	9.50E-08	6.66E-05	2.3E-08	7.0E-08	4.0E-08	3.7E-08	1.7E-08	9.1E-10	5.6E-09	0.0E+00	0.0E+00	0.0E+00	6.5E-09
1894	UCART2	480659.83	3732902.05	480659.83,	0.04938	0.05294	0.04252	0.08056	0.08343	0.04965	2.12E-05	2.32E-05	1.82E-05	1.30E-06	3.88E-07	1.00E-07	6.43E-05	2.2E-08	6.7E-08	3.9E-08	3.5E-08	1.6E-08	8.7E-10	5.4E-09	0.0E+00	0.0E+00	0.0E+00	6.3E-09
1895	UCART2	480709.83	3732902.05	480709.83,	0.04647	0.04965	0.04461	0.08012	0.08359	0.05251	1.99E-05	2.17E-05	1.91E-05	1.29E-06	3.89E-07	1.06E-07	6.25E-05	2.2E-08	6.5E-08	3.8E-08	3.4E-08	1.6E-08	8.5E-10	5.2E-09	0.0E+00	0.0E+00	0.0E+00	6.1E-09
1896	UCART2	480759.83	3732902.05	480759.83,	0.0439	0.04675	0.04674	0.07965	0.08363	0.05542	1.88E-05	2.04E-05	2.00E-05	1.29E-06	3.89E-07	1.12E-07	6.11E-05	2.1E-08	6.4E-08	3.7E-08	3.4E-08	1.5E-08	8.3E-10	5.1E-09	0.0E+00	0.0E+00	0.0E+00	5.9E-09
1897	UCART2	480809.83	3732902.05	480809.83,	0.04158	0.04415	0.04906	0.07927	0.08368	0.05858	1.78E-05	1.93E-05	2.10E-05	1.28E-06	3.89E-07	1.18E-07	5.99E-05	2.1E-08	6.3E-08	3.6E-08	3.3E-08	1.5E-08	8.2E-10	5.0E-09	0.0E+00	0.0E+00	0.0E+00	5.8E-09
1898	UCART2	480859.83	3732902.05	480859.83,	0.03947	0.04182	0.05157	0.07881	0.08364	0.06206	1.69E-05	1.83E-05	2.21E-05	1.27E-06	3.89E-07	1.25E-07	5.91E-05	2.0E-08	6.2E-08	3.6E-08	3.2E-08	1.5E-08	8.0E-10	5.0E-09	0.0E+00	0.0E+00	0.0E+00	5.8E-09
1899	UCART2	480909.83	3732902.05	480909.83,	0.03757	0.03972	0.05422	0.07848	0.08366	0.06577	1.61E-05	1.74E-05	2.32E-05	1.27E-06	3.89E-07	1.33E-07	5.85E-05	2.0E-08	6.1E-08	3.5E-08	3.2E-08	1.5E-08	8.0E-10	4.9E-09	0.0E+00	0.0E+00	0.0E+00	5.7E-09
1900	UCART2	480959.83	3732902.05	480959.83,	0.03584	0.03783	0.05705	0.07811	0.08361	0.06976	1.54E-05	1.65E-05	2.45E-05	1.26E-06	3.89E-07	1.41E-07	5.82E-05	2.0E-08	6.1E-08	3.5E-08	3.2E-08	1.5E-08	7.9E-10	4.9E-09	0.0E+00	0.0E+00	0.0E+00	5.7E-09
1901	UCART2	481009.83	3732902.05	481009.83,	0.03427	0.03611	0.06006	0.07773	0.0835	0.07406	1.47E-05	1.58E-05	2.58E-05	1.26E-06	3.88E-07	1.49E-07	5.80E-05	2.0E-08	6.1E-08	3.5E-08	3.2E-08	1.5E-08	7.9E-10	4.9E-09	0.0E+00	0.0E+00	0.0E+00	5.6E-09
1902	UCART2	481059.83	3732902.05	481059.83,	0.03282	0.03454	0.06327	0.07733	0.08335	0.07868	1.41E-05	1.51E-05	2.71E-05	1.25E-06	3.87

1978	UCART2	480859.83	3733002.05	480859.83,	0.0395	0.04244	0.05479	0.09051	0.09709	0.06635	1.69E-05	1.86E-05	2.35E-05	1.46E-06	4.51E-07	1.34E-07	6.10E-05	2.1E-08	6.4E-08	3.7E-08	3.3E-08	1.5E-08	8.3E-10	5.1E-09	0.0E+00	0.0E+00	0.0E+00	5.9E-09
1979	UCART2	480909.83	3733002.05	480909.83,	0.0376	0.0403	0.05799	0.09014	0.09709	0.0709	1.61E-05	1.76E-05	2.49E-05	1.46E-06	4.51E-07	1.43E-07	6.06E-05	2.1E-08	6.3E-08	3.7E-08	3.3E-08	1.5E-08	8.2E-10	5.1E-09	0.0E+00	0.0E+00	0.0E+00	5.9E-09
1980	UCART2	480959.83	3733002.05	480959.83,	0.03586	0.03836	0.06149	0.08981	0.09709	0.07595	1.54E-05	1.68E-05	2.64E-05	1.45E-06	4.51E-07	1.53E-07	6.06E-05	2.1E-08	6.3E-08	3.7E-08	3.3E-08	1.5E-08	8.2E-10	5.1E-09	0.0E+00	0.0E+00	0.0E+00	5.9E-09
1981	UCART2	481009.83	3733002.05	481009.83,	0.03429	0.0366	0.06527	0.08942	0.09699	0.08147	1.47E-05	1.60E-05	2.80E-05	1.44E-06	4.51E-07	1.64E-07	6.07E-05	2.1E-08	6.3E-08	3.7E-08	3.3E-08	1.5E-08	8.3E-10	5.1E-09	0.0E+00	0.0E+00	0.0E+00	5.9E-09
1982	UCART2	481059.83	3733002.05	481059.83,	0.03284	0.035	0.06935	0.08901	0.09682	0.08752	1.41E-05	1.53E-05	2.97E-05	1.44E-06	4.50E-07	1.76E-07	6.12E-05	2.1E-08	6.4E-08	3.7E-08	3.4E-08	1.5E-08	8.3E-10	5.1E-09	0.0E+00	0.0E+00	0.0E+00	6.0E-09
1983	UCART2	481109.83	3733002.05	481109.83,	0.03151	0.03352	0.07379	0.0886	0.09663	0.09419	1.35E-05	1.47E-05	3.16E-05	1.43E-06	4.49E-07	1.90E-07	6.19E-05	2.1E-08	6.5E-08	3.7E-08	3.4E-08	1.5E-08	8.4E-10	5.2E-09	0.0E+00	0.0E+00	0.0E+00	6.0E-09
1984	UCART2	481159.83	3733002.05	481159.83,	0.03028	0.03217	0.07854	0.08812	0.09634	0.10143	1.30E-05	1.41E-05	3.37E-05	1.42E-06	4.48E-07	2.04E-07	6.28E-05	2.2E-08	6.6E-08	3.8E-08	3.4E-08	1.6E-08	8.5E-10	5.3E-09	0.0E+00	0.0E+00	0.0E+00	6.1E-09
1985	UCART2	481209.83	3733002.05	481209.83,	0.02914	0.03092	0.08366	0.08762	0.096	0.10934	1.25E-05	1.35E-05	3.59E-05	1.42E-06	4.46E-07	2.20E-07	6.40E-05	2.2E-08	6.7E-08	3.9E-08	3.5E-08	1.6E-08	8.7E-10	5.4E-09	0.0E+00	0.0E+00	0.0E+00	6.2E-09
1986	UCART2	481259.83	3733002.05	481259.83,	0.02809	0.02976	0.08914	0.08709	0.09562	0.11791	1.20E-05	1.30E-05	3.82E-05	1.41E-06	4.44E-07	2.38E-07	6.54E-05	2.3E-08	6.8E-08	4.0E-08	3.6E-08	1.6E-08	8.9E-10	5.5E-09	0.0E+00	0.0E+00	0.0E+00	6.4E-09
1987	UCART2	481309.83	3733002.05	481309.83,	0.0271	0.02868	0.09499	0.08654	0.0952	0.12718	1.16E-05	1.25E-05	4.07E-05	1.40E-06	4.43E-07	2.56E-07	6.70E-05	2.3E-08	7.0E-08	4.1E-08	3.7E-08	1.7E-08	9.1E-10	5.6E-09	0.0E+00	0.0E+00	0.0E+00	6.5E-09
1988	UCART2	481359.83	3733002.05	481359.83,	0.02618	0.02768	0.10119	0.08595	0.09471	0.13706	1.12E-05	1.21E-05	4.34E-05	1.39E-06	4.40E-07	2.76E-07	6.88E-05	2.4E-08	7.2E-08	4.2E-08	3.8E-08	1.7E-08	9.4E-10	5.8E-09	0.0E+00	0.0E+00	0.0E+00	6.7E-09
1989	UCART2	481409.83	3733002.05	481409.83,	0.02533	0.02674	0.10772	0.08531	0.09415	0.14756	1.09E-05	1.17E-05	4.62E-05	1.38E-06	4.38E-07	2.97E-07	7.08E-05	2.5E-08	7.4E-08	4.3E-08	3.9E-08	1.8E-08	9.6E-10	5.9E-09	0.0E+00	0.0E+00	0.0E+00	6.9E-09
1990	UCART2	481459.83	3733002.05	481459.83,	0.02452	0.02586	0.11456	0.08459	0.09348	0.15863	1.05E-05	1.13E-05	4.91E-05	1.37E-06	4.35E-07	3.20E-07	7.31E-05	2.5E-08	7.6E-08	4.4E-08	4.0E-08	1.8E-08	9.9E-10	6.1E-09	0.0E+00	0.0E+00	0.0E+00	7.1E-09
1991	UCART2	481509.83	3733002.05	481509.83,	0.02377	0.02505	0.1217	0.08381	0.09273	0.17019	1.02E-05	1.10E-05	5.22E-05	1.35E-06	4.31E-07	3.43E-07	7.54E-05	2.6E-08	7.9E-08	4.6E-08	4.1E-08	1.9E-08	1.0E-09	6.3E-09	0.0E+00	0.0E+00	0.0E+00	7.3E-09
1992	UCART2	481559.83	3733002.05	481559.83,	0.02306	0.02428	0.12916	0.08294	0.09188	0.18222	9.88E-06	1.06E-05	5.54E-05	1.34E-06	4.27E-07	3.67E-07	7.80E-05	2.7E-08	8.2E-08	4.7E-08	4.3E-08	2.0E-08	1.1E-09	6.5E-09	0.0E+00	0.0E+00	0.0E+00	7.6E-09
1993	UCART2	481609.83	3733002.05	481609.83,	0.0224	0.02356	0.13696	0.08202	0.09095	0.19473	9.60E-06	1.03E-05	5.87E-05	1.32E-06	4.23E-07	3.93E-07	8.08E-05	2.8E-08	8.4E-08	4.9E-08	4.4E-08	2.0E-08	1.1E-09	6.8E-09	0.0E+00	0.0E+00	0.0E+00	7.9E-09
1994	UCART2	481659.83	3733002.05	481659.83,	0.02177	0.02287	0.14509	0.08102	0.08993	0.20776	9.33E-06	1.00E-05	6.22E-05	1.31E-06	4.18E-07	4.19E-07	8.37E-05	2.9E-08	8.7E-08	5.1E-08	4.6E-08	2.1E-08	1.1E-09	7.0E-09	0.0E+00	0.0E+00	0.0E+00	8.1E-09
1995	UCART2	479709.83	3733052.05	479709.83,	3.268	0.56232	0.02147	2.60731	0.09259	0.02327	1.40E-03	2.46E-04	9.21E-06	4.21E-05	4.30E-07	4.69E-08	1.70E-03	5.9E-07	1.8E-06	1.0E-06	9.3E-07	4.2E-07	2.3E-08	1.4E-07	0.0E+00	0.0E+00	0.0E+00	1.7E-07
1996	UCART2	479759.83	3733052.05	479759.83,	1.22509	0.52447	0.02207	0.71378	0.09761	0.02397	5.25E-04	2.29E-04	9.46E-06	1.15E-05	4.54E-07	4.83E-08	7.76E-04	2.7E-07	8.1E-07	4.7E-07	4.3E-07	1.9E-07	1.1E-08	6.5E-08	0.0E+00	0.0E+00	0.0E+00	7.6E-08
1997	UCART2	479809.83	3733052.05	479809.83,	0.68464	0.46795	0.02276	0.38299	0.10154	0.02477	2.93E-04	2.05E-04	9.76E-06	6.19E-06	4.72E-07	4.99E-08	5.14E-04	1.8E-07	5.4E-07	3.1E-07	2.8E-07	1.3E-07	7.0E-09	4.3E-08	0.0E+00	0.0E+00	0.0E+00	5.0E-08
1998	UCART2	479859.83	3733052.05	479859.83,	0.45174	0.40335	0.02352	0.26127	0.10394	0.02565	1.94E-04	1.76E-04	1.01E-05	4.22E-06	4.83E-07	5.17E-08	3.85E-04	1.3E-07	4.0E-07	2.3E-07	2.1E-07	9.6E-08	5.2E-09	3.2E-08	0.0E+00	0.0E+00	0.0E+00	3.7E-08
1999	UCART2	479909.83	3733052.05	479909.83,	0.32712	0.34025	0.02413	0.20152	0.10497	0.02657	1.40E-04	1.49E-04	1.04E-05	3.26E-06	4.87E-07	5.34E-08	3.03E-04	1.0E-07	3.2E-07	1.8E-07	1.7E-07	7.6E-08	4.1E-09	2.5E-08	0.0E+00	0.0E+00	0.0E+00	3.0E-08
2000	UCART2	479959.83	3733052.05	479959.83,	0.25164	0.28367	0.02508	0.16734	0.10466	0.02748	1.08E-04	1.24E-04	1.08E-05	2.70E-06	4.87E-07	5.54E-08	2.46E-04	8.5E-08	2.6E-07	1.5E-07	1.3E-07	6.2E-08	3.3E-09	2.1E-08	0.0E+00	0.0E+00	0.0E+00	2.4E-08
2001	UCART2	480009.83	3733052.05	480009.83,	0.20196	0.23713	0.02597	0.14646	0.10429	0.02853	8.65E-05	1.04E-04	1.11E-05	2.37E-06	4.85E-07	5.75E-08	2.04E-04	7.1E-08	2.1E-07	1.2E-07	1.1E-07	5.1E-08	2.8E-09	1.7E-08	0.0E+00	0.0E+00	0.0E+00	2.0E-08
2002	UCART2	480059.83	3733052.05	480059.83,	0.16721	0.20026	0.02702	0.13313	0.10414	0.02978	7.16E-05	8.76E-05	1.16E-05	2.15E-06	4.84E-07	6.00E-08	1.74E-04	6.0E-08	1.8E-07	1.0E-07	9.5E-08	4.3E-08	2.4E-09	1.5E-08	0.0E+00	0.0E+00	0.0E+00	1.7E-08
2003	UCART2	480109.83	3733052.05	480109.83,	0.14177	0.17069	0.02809	0.12406	0.10401	0.03112	6.07E-05	7.47E-05	1.20E-05	2.00E-06	4.83E-07	6.27E-08	1.50E-04	5.2E-08	1.6E-07	9.1E-08	8.2E-08	3.8E-08	2.0E-09	1.3E-08	0.0E+00	0.0E+00	0.0E+00	1.5E-08
2004	UCART2	480159.83	3733052.05	480159.83,	0.12253	0.14669	0.02913	0.11761	0.10384	0.03245	5.25E-05	6.42E-05	1.25E-05	1.90E-06	4.83E-07	6.54E-08	1.32E-04	4.6E-08	1.4E-07	8.0E-08	7.2E-08	3.3E-08	1.8E-09	1.1E-08	0.0E+00	0.0E+00	0.0E+00	1.3E-08
2005	UCART2	480209.83	3733052.05	480209.83,	0.10754	0.12747	0.03024	0.11297	0.10376	0.03381	4.61E-05	5.58E-05	1.30E-05	1.82E-06	4.82E-07	6.82E-08	1.17E-04	4.1E-08	1.2E-07	7.1E-08	6.4E-08	2.9E-08	1.6E-09	9.8E-09	0.0E+00	0.0E+00	0.0E+00	1.1E-08
2006	UCART2	480259.83	3733052.05	480259.83,	0.09559	0.11203	0.03143	0.10957	0.10379	0.03527	4.09E-05	4.90E-05	1.35E-05	1.77E-06	4.82E-07	7.11E-08	1.06E-04	3.7E-08	1.1E-07	6.4E-08	5.8E-08	2.6E-08	1.4E-09	8.9E-09	0.0E+00	0.0E+00	0.0E+00	1.0E-08
2007	UCART2	480309.83	3733052.05	480309.83,	0.08587	0.09953	0.03271	0.10699	0.10385	0.03686	3.68E-05	4.35E-05	1.40E-05	1.73E-06	4.83E-07	7.43E-08	9.66E-05	3.3E-08	1.0E-07	5.8E-08	5.3E-08	2.4E-08	1.3E-09	8.1E-09	0.0E+00	0.0E+00	0.0E+00	9.4E-09
2008	UCART2	480359.83	3733052.05	480359.83,	0.07786	0.08929	0.03407	0.10503	0.10396	0.03856	3.34E-05	3.91E-05	1.46E-05	1.70E-06	4.83E-07	7.77E-08	8.93E-05	3.1E-08	9.3E-08	5.4E-08	4.9E-08	2.2E-08	1.2E-09	7.5E-09	0.0E+00	0.0E+00	0.0E+00	8.7E-09
2009	UCART2	480409.83	3733052.05	480409.83,	0.07119	0.08084	0.03541	0.10332	0.10389	0.04026	3.05E-05	3.54E-05	1.52E-05	1.67E-06	4.83E-07	8.12E-08	8.33E-05	2.9E-08	8.7E-08	5.0E-08	4.6E-08	2.1E-08	1.1E-09	7.0E-09	0.0E+00	0.0E+00	0.0E+00	8.1E-09
2010	UCART2	480459.83	3733052.05	480459.83,	0.06549	0.07375	0.03698	0.1021	0.10405	0.04226	2.81E-05	3.23E-05	1.59E-05	1.65E-06	4.84E-07	8.52E-08	7.84E-05	2.7E-08	8.2E-08	4.7E-08	4.3E-08	2.0E-08	1.1E-09	6.6E-09	0.0E+00	0.0E+00	0.0E+00	7.6E-09
2011	UCART2	480509.83	3733052.05	480509.83,	0.06058	0.06774	0.03872	0.10121	0.10431	0.04449	2.59E-05	2.96E-05	1.66E-05	1.63E-06	4.85E-07	8.97E-08	7.44E-05	2.6E-08	7.8E-08	4.5E-08	4.1E-08	1.9E-08	1.0E-09	6.2E-09	0.0E+00	0.0E+00	0.0E+00	7.2E-09
2012	UCART2	480559.83	3733052.05	480559.83,	0.05631	0.06258	0.04072	0.10058	0.10467	0.04719	2.41E-05	2.74E-05	1.75E-05	1.62E-06	4.87E-07	9.51E-08	7.12E-05	2.5E-08	7.4E-08	4.3E-08	3.9E-08	1.8E-08	9.7E-10	6.0E-09	0.0E+00	0.0E+00	0.0E+00	6.9E-09
2013	UCART2	480609.83	3733052.05	480609.83,	0.05259	0.05812	0.0428	0.09991	0.10481	0.0499	2.25E-05	2.54E-05	1.84E-05	1.61E-06	4.87E-07	1.01E-07	6.85E-05	2.4E-08	7.2E-08	4.1E-08	3.8E-08	1.7E-08	9.3E-10	5.7E-09	0.0E+00	0.0E+00	0.0E+00	6.7E-09
2014	UCART2	480659.83	3733052.05	480659.83,	0.04934	0.05426	0.045	0.0993	0.10489	0.05282	2.11E-05	2.37E-05	1.93E-05	1.60E-06	4.88E-07	1.06E-07	6.64E-05	2.3E-08	6.9E-08	4.0E-08	3.6E-08	1.7E-08	9.0E-10	5.6E-09	0.0E+00	0.0E+00	0.0E+00	6.5E-09
2015	UCART2	480709.83	3733052.05	480709.83,	0.04644	0.05085	0.04745	0.09883	0.10507	0.0561	1.99E-05	2.22E-05	2.03E-05	1.60E-06	4.88E-07	1.13E-07	6.47E-05	2.2E-08	6.8E-08	3.9E-08	3.5E-08	1.6E-08	8.8E-10	5.4E-09	0.0E+00	0.0E+00	0.0E+00	6.3E-09
2016	UCART2	480759.83	3733052.05	480759.83,	0.04385	0.04783	0.05016	0.09853	0.10533	0.05978	1.88E-05	2.09E-05	2.15E-05	1.59E-06	4.90E-07	1.21E-07	6.34E-05	2.2E-08	6.6E-08	3.8E-08	3.5E-08	1.6E-08	8.6E-10	5.3E-09	0.0E+00	0.0E+00	0.0E+00	6.2E-09
2017	UCART2	480809.83	3733052.05	480809.83,	0.04152	0.04514	0.05311	0.09821	0.1055	0.06385	1.78E-05	1.97E-05	2.28E-05	1.59E-06	4.90E-07	1.29E-07	6.25E-05	2.2E-08	6.5E-08	3.8E-08	3.4E-08	1.6E-08	8.5E-10	5.2E-09	0.0E+00	0.0E+00	0.0E+00	6.1E-09
2018	UCART2	480859.83	3733052.05	480859.83,	0.03943	0.04274	0.05631	0.09782	0.10552	0.06834	1.69E-05	1.87E-05	2.41E-05	1.58E-06	4.91E-07	1.38E-07	6.19E-05	2.1E-08	6.5E-08	3.7E-08	3.4E-08	1.6E-08	8.4E-10	5.2E-09	0.0E+00	0.0E+00	0.0E+00	6.0E-09
2019	UCART2	480909.83	3733052.05	480909.83,	0.03755	0.04058	0.0598	0.09741	0.10548	0.07331	1.61E-05	1.78E-05	2.56E-05	1.57E-06	4.90E-07	1.48E-07	6.17E-05	2.1E-08	6.4E-08	3.7E-08	3.4E-08	1.5E-08	8.4E-10	5.2E-09	0.0E+00	0.0E+00	0.0E+00	6.0E-09
2020	UCART2	480959.83	3733052.05	480959.83,	0.03582	0.03861	0.06368	0.09709	0.1055	0.07893	1.53E-05	1.69E-05	2.73E-05	1.57E-06	4.90E-07	1.59E-07	6.18E-05	2.1E-08	6.5E-08	3.7E-08	3.4E-08	1.5E-08	8.4E-10	5.2E-09	0.0E+00	0.0E+00	0.0E+00	6.0E-09
2021	UCART2	481009.83	3733052.05	481009.83,	0.03424	0.03683	0.06791	0.09671	0.10541	0.08514	1.47E-05	1.61E-05	2.91E-05	1.56E-06	4.90E-07	1.72E-07	6.21E-05	2.2E-08	6.5E-08	3.8E-08	3.4E-08	1.6E-08	8.4E-10	5.2E-09	0.0E+00	0.0E+00	0.0E+00	6.0E-09
2022	UCART2	481059.83	3733052.05	481059.83,	0.0328	0.0352	0.07252	0.0963	0.10525	0.09205	1.40E-05	1.54E-05	3.11E-05	1.56E-06	4.89E-07	1.86E-07	6.28E-05	2.2E-08	6.6E-08	3.8E-08	3.4E-08	1.6E-08	8.5E-10	5.3E-09	0.0E+00	0.0E+00	0.0E+00	6.1E-09
2023	UCART2	481109.83	3733052.05	481109.83,	0.03147	0.03371	0.07735	0.09585	0.10505	0.09973	1.35E-05	1.47E-05	3.32E-05	1.55E-06	4.88E-07	2.01E-07	6.37E-05	2.2E-08	6.7E-08	3.9E-08	3.5E-08	1.6E-08	8.7E-10	5.4E-09	0.0E+00	0.0E+00	0.0E+00	6.2E-09
2024	UCART2	481159.83	3733052.05	481159.83,	0.03025	0.03234	0.08303	0.09536	0.10472	0.10819	1.30E-05	1.41E-05	3.56E-05	1.54E-06	4.87E-07	2.18E-07	6.49E-05	2.2E-08	6.8E-08	3.9E-08	3.6E-08	1.6E-08	8.8E-10	5.4E-09	0.0E+00	0.0E+00	0.0E+00	6.3E-09
2025	UCART2	481209.83	3733052.05	481209.83,	0.02912	0.03108	0.08899	0.09483	0.10437	0.11756	1.25E-05	1.36E-05	3.82E-05	1.53E-06	4.85E-07	2.37E-07	6.65E-05	2.3E-08	6.9E-08	4.0E-08	3.6E-08	1.7E-08	9.0E-10	5.6E-09	0.0E+00	0.0E+00	0.0E+00	6.5E-09
2026	UCART2	481259.83	3733052.05	481259.83,	0.02807	0.02991	0.09544	0.09429	0.10397	0.1279	1.20E-05	1.31E-05	4.09E-05	1.52E-06	4.83E-07	2.58E-07	6.83E-05	2.4E-08	7.1E-08	4.1E-08	3.7E-08	1.7E-08	9.3E-10	5.7E-09	0.0E+00	0.0E+00	0.0E+00	6.6E-09
2027	UCART2	481309.83	3733052.05	481309.83,	0.02708	0.02881	0.10242	0.09376	0.10357	0.13921	1.16E-05	1.26E-05	4.39E-05	1.51E-06	4.81E-07	2.81E-07	7.04E-05	2.4E-08	7.4E-08	4.3E-08	3.9E-08	1.8E-08	9.6E-10	5.9E-09	0.0E+00	0.0E+00	0.0E+00	6.9E-09
2028	UCART2	481359.83	3733052.05	481359.83,	0.02616	0.0278	0.10989	0.09316	0.10307	0.15149	1.12E-05	1.22E-05	4.71E-05	1.50E-06	4.79E-07	3.05E-07	7.28E-05	2.5E-08	7.6E-08	4.4E-08	4.0E-08	1.8E-08	9.9E-10	6.1E-09	0.0E+00	0.0E+00	0.0E+00	7.1E-09
2029	UCART2	481409.83	3733052.05	481409.83,	0.02531	0.02685	0.11785	0.09248	0.10247	0.16473	1.08E-05	1.17E-05	5.05E-05	1.49E-06	4.76E-07	3.32E-07	7.54E-05	2.6E-08	7.9E-08	4.6E-08	4.1E-08	1.9E-08	1.0E-09	6.3E-09	0.0E+00	0.0E+00	0.0E+00	7.3E-09
2030	UCART2	481459.83	3733052.05	481459.83,	0.0245	0.02597	0.12626	0.09173	0.10177	0.17887	1.05E-05	1.14E-05	5.41E-05	1.48E-06	4.73E-07	3.61E-07	7.83E-05	2.7E-08	8.2E-08	4.7E-08	4.3E-08	2.0E-08	1.1E-09	6.6E-09	0.0E+00	0.0E+00	0.0E+00	7.6E-09
2031	UCART2	481509.83	3733052.05	481509.83,	0.02375	0.02514	0.13511	0.0909	0.10098	0.19383	1.02E-05	1.10E-05	5.79E-05	1.47E-06	4.69E-07	3.91E-07	8.14E-05	2.8E-08	8.5E-08	4.9E-08	4.5E-08	2.0E-08	1.1E-09	6.8E-09	0.0E+00	0.0E+00	0.0E+00	7.9E-09
2032	UCART2	481559.83	3733052.05	481559.83,	0.02305	0.02437	0.1444	0.08999	0.10007	0.20955	9.87E-06	1.07E-05	6.19E-05	1.45E-06	4.65E-07	4.22E-07	8.48E-05	2.9E-08	8.9E-08	5.1E-08	4.7E-08	2.1E-08	1.2E-09	7.1E-09	0.0E+00	0.0E+00	0.0E+00	8.3E-09
2033	UCART2	481609.83	3733052.05	481609.83,	0.02238	0.02364	0.15419	0.08901	0.09909	0.226	9.59E-06	1.03E-05	6.61E-05	1.44E-06	4.61E-07	4.56E-07	8.84E-05	3.1E-08	9.2E-08	5.3E-08	4.8E-08	2.2E-08	1.2E-09	7.4E-09	0.0E+00	0.0E+00	0.0E+00	8.6E-09
2034	UCART2	481659.83	3733052.05	481659.83,	0.02175	0.02295	0.16443	0.08793	0.09797	0.24821	9.32E-06	1.00E-05	7.05E-05	1.42E-06	4.55E-07	4.90E-07	9.22E-05	3.2E-08	9.6E-08	5.6E-08	5.1E-08	2.3E-08	1.3E-09	7.7E-09	0.0E+00	0.0E+00	0.0E+00	9.0E-09
2035	UCART2	479709.83	3733102.05	479709.83,	2.06339	0.72384	0.02161	2.68425	0.10691	0.02342	8.84E-04	3.17E-04	9.27E-06	4.34E-05	4.97E-07	4.72E-08	1.25E-03	4.3E-07	1.3E-06	7.6E-07	6.9E-07	3.1E-07	1.7E-08	1.1E-07	0.0E+00	0.0E+00	0.0E+00	1.2E-07
2036	UCART2	479759.83	3733102.05	479759.83,	1.02348	0.65204	0.02221	0.7776	0.11292	0.02412	4.38E-04	2.85E-04	9.52E-06	1.26E-05	5.25E-07	4.86E-08	7.46E-04	2.6E-07	7.8E-07	4.5E-07	4.1E-07	1.9E-07	1.0E-08	6.3E-08	0.0E+00	0.0E+00	0.0E+00	7.3E-08
2037	UCART2	479809.83	3733102.05	479809.83,	0.6224	0.55681	0.02283	0.41698	0.11648	0.02485	2.67E-04	2.44E-04	9.79E-06	6.74E-06	5.41E-07	5.01E-08	5.27E-04	1.8E-07	5.5E-07	3.2E-07	2.9E-07	1.3E-07	7.2E-09	4.4E-08	0.0E+00	0.0E+00	0.0E+00	5.1E-08
2038	UCART2	479859.83	3733102.05	479859.83,	0.42599	0.4613	0.0236	0.28246	0.11803	0.02574	1.82E-04	2.02E-04	1.01E-05	4.56E-06	5.49E-07	5.19E-08	4.00E-04	1.4E-07	4.2E-07	2.4E-07	2.2E-07	1.0E-07	5.4E-09	3.3E-08	0.0E+00	0.0E+00	0.0E+00	3.9E-08
2039	UCART2	479909.83	3733102.05	479909.83,	0.31432	0.37623	0.02444	0.21664	0.11787	0.02671	1.35E-04	1.65E-04	1.05E-05	3.50E-06	5.48E-07	5.38E-08	3.14E-04	1.1E-07	3.3E-07	1.9E-07	1.7E-07	7.9E-08	4.3E-09	2.6E-08	0.0E+00	0.0E+00	0.0E+00	3.1E-08
2040	UCART2	479959.83	3733102.05	479959.83,	0.24442	0.30608	0.02533	0.17965	0.11685	0.02775	1.05E-04	1.34E-04	1.09E-05	2.90E-06	5.43E-07	5.59E-08	2.53E-04	8.8E-08	2.6E-07	1.5E-07	1.4E-07	6.3E-08	3.4E-09	2.1E-08	0.0E+00	0.0E+00	0.0E+00	2.5E-08
2041	UCART2	480009.83	3733102.05	480009.83,	0.19751	0.25075	0.02625	0.15706	0.11563	0.02884	8.46E-05	1.10E-04	1.13E-05	2.54E-06	5.38E-07	5.81E-08	2.09E-04	7.2E-08	2.2E-07	1.3E-07	1.1E-07	5.2E-08	2.8E-09	1.7E-08	0.0E+00	0.0E+00	0.0E+00	2.0E-08
2042	UCART2	480059.83	3733102.05	480059.83,	0.16427	0.2085	0.02726	0.1427	0.11482	0.0301	7.04E-05	9.12E-05	1.17E-05	2.31E-06	5.34E-07	6.07E-08	1.76E-04	6.1E-08	1.8E-07	1.1E-07	9.7E-08	4.4E-08	2.4E-09	1.5E-08	0.0E+00	0.0E+00	0.0E+00	1.7E-08
2043	UCART2	480109.83	3733102.05	480109.83,	0.13974	0.17544	0.02827	0.13306	0.1142	0.03139	5.99E-05	7.67E-05	1.21E-05	2.15E-06	5.31E-07	6.33E-08	1.51E-04	5.2E-08	1.6E-07	9.2E-08	8.3E-08	3.8E-08	2.1E-09	1.3E-08	0.0E+00	0.0E+00	0.0E+00	1.5E-08
2044	UCART2	480159.83	3733102.05	480159.83,	0.12107	0.14959	0.02933	0.12631	0.11375	0.03267	5.19E-05	6.54E-05	1.26E-05	2.04E-06	5.29E-07

2120	UCART2	479959.83	3733202.05	479959.83,	0.21997	0.34192	0.02565	0.20429	0.14761	0.0281	9.42E-05	1.50E-04	1.10E-05	3.30E-06	6.86E-07	5.66E-08	2.59E-04	9.0E-08	2.7E-07	1.6E-07	1.4E-07	6.5E-08	3.5E-09	2.2E-08	0.0E+00	0.0E+00	0.0E+00	2.5E-08
2121	UCART2	480009.83	3733202.05	480009.83,	0.18203	0.27094	0.0266	0.18036	0.14415	0.02932	7.80E-05	1.19E-04	1.14E-05	2.91E-06	6.70E-07	5.91E-08	2.12E-04	7.3E-08	2.2E-07	1.3E-07	1.2E-07	5.3E-08	2.9E-09	1.8E-08	0.0E+00	0.0E+00	0.0E+00	2.1E-08
2122	UCART2	480059.83	3733202.05	480059.83,	0.15395	0.21936	0.02756	0.16509	0.14173	0.03047	6.59E-05	9.60E-05	1.18E-05	2.67E-06	6.59E-07	6.14E-08	1.77E-04	6.1E-08	1.9E-07	1.1E-07	9.7E-08	4.4E-08	2.4E-09	1.5E-08	0.0E+00	0.0E+00	0.0E+00	1.7E-08
2123	UCART2	480109.83	3733202.05	480109.83,	0.13258	0.18179	0.02856	0.15492	0.14012	0.03167	5.68E-05	7.95E-05	1.22E-05	2.50E-06	6.51E-07	6.38E-08	1.52E-04	5.3E-08	1.6E-07	9.2E-08	8.3E-08	3.8E-08	2.1E-09	1.3E-08	0.0E+00	0.0E+00	0.0E+00	1.5E-08
2124	UCART2	480159.83	3733202.05	480159.83,	0.1159	0.15383	0.02969	0.14804	0.13927	0.03305	4.96E-05	6.73E-05	1.27E-05	2.39E-06	6.47E-07	6.66E-08	1.33E-04	4.6E-08	1.4E-07	8.0E-08	7.3E-08	3.3E-08	1.8E-09	1.1E-08	0.0E+00	0.0E+00	0.0E+00	1.3E-08
2125	UCART2	480209.83	3733202.05	480209.83,	0.10261	0.13251	0.03084	0.1433	0.13896	0.03458	4.40E-05	5.80E-05	1.32E-05	2.31E-06	6.46E-07	6.97E-08	1.18E-04	4.1E-08	1.2E-07	7.2E-08	6.5E-08	3.0E-08	1.6E-09	9.9E-09	0.0E+00	0.0E+00	0.0E+00	1.2E-08
2126	UCART2	480259.83	3733202.05	480259.83,	0.09185	0.11587	0.03207	0.13982	0.13882	0.03608	3.93E-05	5.07E-05	1.38E-05	2.26E-06	6.45E-07	7.27E-08	1.07E-04	3.7E-08	1.1E-07	6.5E-08	5.9E-08	2.7E-08	1.5E-09	8.9E-09	0.0E+00	0.0E+00	0.0E+00	1.0E-08
2127	UCART2	480309.83	3733202.05	480309.83,	0.08298	0.10263	0.03338	0.13721	0.13878	0.0377	3.55E-05	4.49E-05	1.43E-05	2.22E-06	6.45E-07	7.60E-08	9.77E-05	3.4E-08	1.0E-07	5.9E-08	5.4E-08	2.4E-08	1.3E-09	8.2E-09	0.0E+00	0.0E+00	0.0E+00	9.5E-09
2128	UCART2	480359.83	3733202.05	480359.83,	0.07556	0.09188	0.03481	0.13537	0.13903	0.03949	3.24E-05	4.02E-05	1.49E-05	2.19E-06	6.46E-07	7.96E-08	9.04E-05	3.1E-08	9.4E-08	5.5E-08	5.0E-08	2.3E-08	1.2E-09	7.6E-09	0.0E+00	0.0E+00	0.0E+00	8.8E-09
2129	UCART2	480409.83	3733202.05	480409.83,	0.06927	0.08303	0.03637	0.13399	0.13933	0.04146	2.97E-05	3.63E-05	1.56E-05	2.16E-06	6.48E-07	8.36E-08	8.45E-05	2.9E-08	8.8E-08	5.1E-08	4.6E-08	2.1E-08	1.1E-09	7.1E-09	0.0E+00	0.0E+00	0.0E+00	8.2E-09
2130	UCART2	480459.83	3733202.05	480459.83,	0.06392	0.07565	0.03804	0.13275	0.13945	0.04358	2.74E-05	3.31E-05	1.63E-05	2.14E-06	6.48E-07	8.79E-08	7.97E-05	2.8E-08	8.3E-08	4.8E-08	4.4E-08	2.0E-08	1.1E-09	6.7E-09	0.0E+00	0.0E+00	0.0E+00	7.8E-09
2131	UCART2	480509.83	3733202.05	480509.83,	0.0593	0.0694	0.03988	0.13176	0.13961	0.04593	2.54E-05	3.04E-05	1.71E-05	2.13E-06	6.49E-07	9.26E-08	7.57E-05	2.6E-08	7.9E-08	4.6E-08	4.2E-08	1.9E-08	1.0E-09	6.3E-09	0.0E+00	0.0E+00	0.0E+00	7.4E-09
2132	UCART2	480559.83	3733202.05	480559.83,	0.05525	0.06405	0.04194	0.13116	0.14001	0.04859	2.37E-05	2.80E-05	1.80E-05	2.12E-06	6.51E-07	9.79E-08	7.25E-05	2.5E-08	7.6E-08	4.4E-08	4.0E-08	1.8E-08	9.9E-10	6.1E-09	0.0E+00	0.0E+00	0.0E+00	7.1E-09
2133	UCART2	480609.83	3733202.05	480609.83,	0.05168	0.05941	0.04424	0.13081	0.14055	0.05158	2.21E-05	2.60E-05	1.90E-05	2.11E-06	6.53E-07	1.04E-07	7.00E-05	2.4E-08	7.3E-08	4.2E-08	3.8E-08	1.8E-08	9.5E-10	5.9E-09	0.0E+00	0.0E+00	0.0E+00	6.8E-09
2134	UCART2	480659.83	3733202.05	480659.83,	0.04855	0.05539	0.04674	0.13034	0.14082	0.05488	2.08E-05	2.42E-05	2.00E-05	2.11E-06	6.55E-07	1.11E-07	6.79E-05	2.4E-08	7.1E-08	4.1E-08	3.7E-08	1.7E-08	9.2E-10	5.7E-09	0.0E+00	0.0E+00	0.0E+00	6.6E-09
2135	UCART2	480709.83	3733202.05	480709.83,	0.04576	0.05185	0.04953	0.12996	0.14109	0.0586	1.96E-05	2.27E-05	2.12E-05	2.10E-06	6.56E-07	1.18E-07	6.64E-05	2.3E-08	6.9E-08	4.0E-08	3.6E-08	1.7E-08	9.0E-10	5.6E-09	0.0E+00	0.0E+00	0.0E+00	6.5E-09
2136	UCART2	480759.83	3733202.05	480759.83,	0.04325	0.04872	0.05266	0.1297	0.14141	0.06285	1.85E-05	2.13E-05	2.26E-05	2.10E-06	6.57E-07	1.27E-07	6.53E-05	2.3E-08	6.8E-08	4.0E-08	3.6E-08	1.6E-08	8.9E-10	5.5E-09	0.0E+00	0.0E+00	0.0E+00	6.4E-09
2137	UCART2	480809.83	3733202.05	480809.83,	0.04101	0.04594	0.05612	0.1293	0.14151	0.06759	1.76E-05	2.01E-05	2.41E-05	2.09E-06	6.58E-07	1.36E-07	6.46E-05	2.2E-08	6.8E-08	3.9E-08	3.5E-08	1.6E-08	8.8E-10	5.4E-09	0.0E+00	0.0E+00	0.0E+00	6.3E-09
2138	UCART2	480859.83	3733202.05	480859.83,	0.03899	0.04345	0.06001	0.12894	0.14158	0.07299	1.67E-05	1.90E-05	2.57E-05	2.08E-06	6.58E-07	1.47E-07	6.43E-05	2.2E-08	6.7E-08	3.9E-08	3.5E-08	1.6E-08	8.7E-10	5.4E-09	0.0E+00	0.0E+00	0.0E+00	6.3E-09
2139	UCART2	480909.83	3733202.05	480909.83,	0.03715	0.04122	0.0644	0.12855	0.14158	0.07916	1.59E-05	1.80E-05	2.76E-05	2.08E-06	6.58E-07	1.60E-07	6.44E-05	2.2E-08	6.7E-08	3.9E-08	3.5E-08	1.6E-08	8.8E-10	5.4E-09	0.0E+00	0.0E+00	0.0E+00	6.3E-09
2140	UCART2	480959.83	3733202.05	480959.83,	0.03547	0.03919	0.06937	0.1282	0.14158	0.08627	1.52E-05	1.71E-05	2.97E-05	2.07E-06	6.58E-07	1.74E-07	6.50E-05	2.2E-08	6.8E-08	3.9E-08	3.6E-08	1.6E-08	8.8E-10	5.4E-09	0.0E+00	0.0E+00	0.0E+00	6.3E-09
2141	UCART2	481009.83	3733202.05	481009.83,	0.03394	0.03735	0.07502	0.12779	0.14148	0.09451	1.45E-05	1.63E-05	3.22E-05	2.06E-06	6.58E-07	1.91E-07	6.60E-05	2.3E-08	6.9E-08	4.0E-08	3.6E-08	1.7E-08	9.0E-10	5.5E-09	0.0E+00	0.0E+00	0.0E+00	6.4E-09
2142	UCART2	481059.83	3733202.05	481059.83,	0.03252	0.03567	0.08145	0.12739	0.14136	0.10409	1.39E-05	1.56E-05	3.49E-05	2.06E-06	6.57E-07	2.10E-07	6.74E-05	2.3E-08	7.0E-08	4.1E-08	3.7E-08	1.7E-08	9.2E-10	5.6E-09	0.0E+00	0.0E+00	0.0E+00	6.6E-09
2143	UCART2	481109.83	3733202.05	481109.83,	0.03123	0.03414	0.08878	0.12693	0.14114	0.11528	1.34E-05	1.49E-05	3.81E-05	2.05E-06	6.56E-07	2.32E-07	6.93E-05	2.4E-08	7.2E-08	4.2E-08	3.8E-08	1.7E-08	9.4E-10	5.8E-09	0.0E+00	0.0E+00	0.0E+00	6.7E-09
2144	UCART2	481159.83	3733202.05	481159.83,	0.03003	0.03273	0.09715	0.12643	0.14085	0.12838	1.29E-05	1.43E-05	4.17E-05	2.04E-06	6.55E-07	2.59E-07	7.18E-05	2.5E-08	7.5E-08	4.3E-08	3.9E-08	1.8E-08	9.8E-10	6.0E-09	0.0E+00	0.0E+00	0.0E+00	7.0E-09
2145	UCART2	481209.83	3733202.05	481209.83,	0.02891	0.03143	0.10669	0.12595	0.14055	0.14375	1.24E-05	1.37E-05	4.57E-05	2.03E-06	6.53E-07	2.90E-07	7.49E-05	2.6E-08	7.8E-08	4.5E-08	4.1E-08	1.9E-08	1.0E-09	6.3E-09	0.0E+00	0.0E+00	0.0E+00	7.3E-09
2146	UCART2	481259.83	3733202.05	481259.83,	0.02788	0.03022	0.11756	0.1254	0.14017	0.16178	1.19E-05	1.32E-05	5.04E-05	2.03E-06	6.52E-07	3.26E-07	7.86E-05	2.7E-08	8.2E-08	4.8E-08	4.3E-08	2.0E-08	1.1E-09	6.6E-09	0.0E+00	0.0E+00	0.0E+00	7.6E-09
2147	UCART2	481309.83	3733202.05	481309.83,	0.02691	0.0291	0.12988	0.12483	0.13973	0.18288	1.15E-05	1.27E-05	5.57E-05	2.02E-06	6.50E-07	3.69E-07	8.30E-05	2.9E-08	8.7E-08	5.0E-08	4.6E-08	2.1E-08	1.1E-09	7.0E-09	0.0E+00	0.0E+00	0.0E+00	8.1E-09
2148	UCART2	481359.83	3733202.05	481359.83,	0.02601	0.02807	0.14377	0.12416	0.13917	0.20746	1.11E-05	1.23E-05	6.16E-05	2.01E-06	6.47E-07	4.18E-07	8.81E-05	3.1E-08	9.2E-08	5.3E-08	4.8E-08	2.2E-08	1.2E-09	7.4E-09	0.0E+00	0.0E+00	0.0E+00	8.6E-09
2149	UCART2	481409.83	3733202.05	481409.83,	0.02517	0.0271	0.15929	0.12337	0.13847	0.23585	1.08E-05	1.19E-05	6.83E-05	1.99E-06	6.44E-07	4.75E-07	9.40E-05	3.3E-08	9.8E-08	5.7E-08	5.2E-08	2.4E-08	1.3E-09	7.9E-09	0.0E+00	0.0E+00	0.0E+00	9.2E-09
2150	UCART2	481459.83	3733202.05	481459.83,	0.02438	0.0262	0.17646	0.12251	0.13768	0.26828	1.04E-05	1.15E-05	7.57E-05	1.98E-06	6.40E-07	5.41E-07	1.01E-04	3.5E-08	1.1E-07	6.1E-08	5.5E-08	2.5E-08	1.4E-09	8.4E-09	0.0E+00	0.0E+00	0.0E+00	9.8E-09
2151	UCART2	481509.83	3733202.05	481509.83,	0.02364	0.02536	0.19526	0.1216	0.13681	0.30484	1.01E-05	1.11E-05	8.37E-05	1.96E-06	6.36E-07	6.15E-07	1.08E-04	3.7E-08	1.1E-07	6.5E-08	5.9E-08	2.7E-08	1.5E-09	9.1E-09	0.0E+00	0.0E+00	0.0E+00	1.1E-08
2152	UCART2	481559.83	3733202.05	481559.83,	0.02294	0.02456	0.21564	0.1206	0.13582	0.34537	9.83E-06	1.07E-05	9.25E-05	1.95E-06	6.31E-07	6.96E-07	1.16E-04	4.0E-08	1.2E-07	7.0E-08	6.4E-08	2.9E-08	1.6E-09	9.7E-09	0.0E+00	0.0E+00	0.0E+00	1.1E-08
2153	UCART2	481609.83	3733202.05	481609.83,	0.02228	0.02382	0.23763	0.11949	0.13469	0.38965	9.54E-06	1.04E-05	1.02E-04	1.93E-06	6.26E-07	7.85E-07	1.25E-04	4.3E-08	1.3E-07	7.6E-08	6.9E-08	3.1E-08	1.7E-09	1.0E-08	0.0E+00	0.0E+00	0.0E+00	1.2E-08
2154	UCART2	481659.83	3733202.05	481659.83,	0.02166	0.02312	0.26105	0.11822	0.13338	0.43739	9.28E-06	1.01E-05	1.12E-04	1.91E-06	6.20E-07	8.82E-07	1.35E-04	4.7E-08	1.4E-07	8.2E-08	7.4E-08	3.4E-08	1.8E-09	1.1E-08	0.0E+00	0.0E+00	0.0E+00	1.3E-08
2155	UCART2	479709.83	3733252.05	479709.83,	0.65526	1.86447	0.02203	2.65693	0.20934	0.02384	2.81E-04	8.16E-04	9.45E-06	4.29E-05	9.73E-07	4.81E-08	1.15E-03	4.0E-07	1.2E-06	7.0E-07	6.3E-07	2.9E-07	1.6E-08	9.6E-08	0.0E+00	0.0E+00	0.0E+00	1.1E-07
2156	UCART2	479759.83	3733252.05	479759.83,	0.50651	1.35353	0.02268	0.845	0.21435	0.02459	2.17E-04	5.92E-04	9.72E-06	1.37E-05	9.96E-07	4.96E-08	8.33E-04	2.9E-07	8.7E-07	5.0E-07	4.6E-07	2.1E-07	1.1E-08	7.0E-08	0.0E+00	0.0E+00	0.0E+00	8.1E-08
2157	UCART2	479809.83	3733252.05	479809.83,	0.39288	0.93419	0.02335	0.47677	0.20313	0.02538	1.68E-04	4.09E-04	1.00E-05	7.70E-06	9.44E-07	5.12E-08	5.96E-04	2.1E-07	6.2E-07	3.6E-07	3.3E-07	1.5E-07	8.1E-09	5.0E-08	0.0E+00	0.0E+00	0.0E+00	5.8E-08
2158	UCART2	479859.83	3733252.05	479859.83,	0.30969	0.64764	0.02403	0.33019	0.18747	0.02618	1.33E-04	2.83E-04	1.03E-05	5.33E-06	8.71E-07	5.28E-08	4.33E-04	1.5E-07	4.5E-07	2.6E-07	2.4E-07	1.1E-07	5.9E-09	3.6E-08	0.0E+00	0.0E+00	0.0E+00	4.2E-08
2159	UCART2	479909.83	3733252.05	479909.83,	0.24934	0.46851	0.02485	0.25802	0.17533	0.02714	1.07E-04	2.05E-04	1.07E-05	4.17E-06	8.15E-07	5.47E-08	3.27E-04	1.1E-07	3.4E-07	2.0E-07	1.8E-07	8.2E-08	4.5E-09	2.7E-08	0.0E+00	0.0E+00	0.0E+00	3.2E-08
2160	UCART2	479959.83	3733252.05	479959.83,	0.20515	0.35459	0.02577	0.21814	0.16748	0.02827	8.79E-05	1.55E-04	1.10E-05	3.52E-06	7.79E-07	5.70E-08	2.58E-04	8.9E-08	2.7E-07	1.6E-07	1.4E-07	6.5E-08	3.5E-09	2.2E-08	0.0E+00	0.0E+00	0.0E+00	2.5E-08
2161	UCART2	480009.83	3733252.05	480009.83,	0.17224	0.27702	0.0267	0.19424	0.16243	0.02942	7.38E-05	1.21E-04	1.14E-05	3.14E-06	7.55E-07	5.93E-08	2.10E-04	7.3E-08	2.2E-07	1.3E-07	1.2E-07	5.3E-08	2.9E-09	1.8E-08	0.0E+00	0.0E+00	0.0E+00	2.0E-08
2162	UCART2	480059.83	3733252.05	480059.83,	0.1472	0.22282	0.02767	0.17912	0.15931	0.03057	6.31E-05	9.75E-05	1.19E-05	2.89E-06	7.41E-07	6.16E-08	1.76E-04	6.1E-08	1.8E-07	1.1E-07	9.7E-08	4.4E-08	2.4E-09	1.5E-08	0.0E+00	0.0E+00	0.0E+00	1.7E-08
2163	UCART2	480109.83	3733252.05	480109.83,	0.12777	0.18408	0.02871	0.16916	0.15744	0.03184	5.47E-05	8.05E-05	1.23E-05	2.73E-06	7.32E-07	6.42E-08	1.51E-04	5.2E-08	1.6E-07	9.1E-08	8.3E-08	3.8E-08	2.1E-09	1.3E-08	0.0E+00	0.0E+00	0.0E+00	1.5E-08
2164	UCART2	480159.83	3733252.05	480159.83,	0.11237	0.1555	0.02981	0.16248	0.15652	0.0333	4.81E-05	6.80E-05	1.28E-05	2.62E-06	7.28E-07	6.71E-08	1.32E-04	4.6E-08	1.4E-07	8.0E-08	7.3E-08	3.3E-08	1.8E-09	1.1E-08	0.0E+00	0.0E+00	0.0E+00	1.3E-08
2165	UCART2	480209.83	3733252.05	480209.83,	0.09996	0.13381	0.03098	0.15729	0.15621	0.0347	4.28E-05	5.91E-05	1.33E-05	2.55E-06	7.26E-07	6.99E-08	1.18E-04	4.1E-08	1.2E-07	7.1E-08	6.5E-08	3.0E-08	1.6E-09	9.9E-09	0.0E+00	0.0E+00	0.0E+00	1.1E-08
2166	UCART2	480259.83	3733252.05	480259.83,	0.0898	0.11692	0.03221	0.15463	0.15621	0.03623	3.85E-05	5.11E-05	1.38E-05	2.50E-06	7.26E-07	7.30E-08	1.07E-04	3.7E-08	1.1E-07	6.5E-08	5.9E-08	2.7E-08	1.5E-09	8.9E-09	0.0E+00	0.0E+00	0.0E+00	1.0E-08
2167	UCART2	480309.83	3733252.05	480309.83,	0.08137	0.10349	0.03354	0.15213	0.15621	0.03787	3.49E-05	4.53E-05	1.44E-05	2.46E-06	7.26E-07	7.63E-08	9.78E-05	3.4E-08	1.0E-07	5.9E-08	5.4E-08	2.4E-08	1.3E-09	8.2E-09	0.0E+00	0.0E+00	0.0E+00	9.5E-09
2168	UCART2	480359.83	3733252.05	480359.83,	0.07428	0.0926	0.03498	0.15027	0.15638	0.03967	3.18E-05	4.05E-05	1.50E-05	2.43E-06	7.27E-07	8.00E-08	9.06E-05	3.1E-08	9.5E-08	5.5E-08	5.0E-08	2.3E-08	1.2E-09	7.6E-09	0.0E+00	0.0E+00	0.0E+00	8.8E-09
2169	UCART2	480409.83	3733252.05	480409.83,	0.06824	0.08363	0.03656	0.14893	0.15671	0.04166	2.92E-05	3.66E-05	1.57E-05	2.41E-06	7.28E-07	8.40E-08	8.47E-05	2.9E-08	8.9E-08	5.1E-08	4.6E-08	2.1E-08	1.2E-09	7.1E-09	0.0E+00	0.0E+00	0.0E+00	8.2E-09
2170	UCART2	480459.83	3733252.05	480459.83,	0.06307	0.07615	0.03827	0.14781	0.15695	0.04383	2.70E-05	3.33E-05	1.64E-05	2.39E-06	7.30E-07	8.84E-08	7.99E-05	2.8E-08	8.4E-08	4.8E-08	4.4E-08	2.0E-08	1.1E-09	6.7E-09	0.0E+00	0.0E+00	0.0E+00	7.8E-09
2171	UCART2	480509.83	3733252.05	480509.83,	0.05858	0.06982	0.04016	0.14695	0.15725	0.04624	2.51E-05	3.05E-05	1.72E-05	2.37E-06	7.31E-07	9.32E-08	7.61E-05	2.6E-08	7.9E-08	4.6E-08	4.2E-08	1.9E-08	1.0E-09	6.4E-09	0.0E+00	0.0E+00	0.0E+00	7.4E-09
2172	UCART2	480559.83	3733252.05	480559.83,	0.05466	0.06441	0.04224	0.14629	0.15758	0.04891	2.34E-05	2.82E-05	1.81E-05	2.36E-06	7.33E-07	9.86E-08	7.29E-05	2.5E-08	7.6E-08	4.4E-08	4.0E-08	1.8E-08	9.9E-10	6.1E-09	0.0E+00	0.0E+00	0.0E+00	7.1E-09
2173	UCART2	480609.83	3733252.05	480609.83,	0.05119	0.05973	0.04457	0.14596	0.15814	0.05196	2.19E-05	2.61E-05	1.91E-05	2.36E-06	7.35E-07	1.05E-07	7.04E-05	2.4E-08	7.4E-08	4.3E-08	3.9E-08	1.8E-08	9.6E-10	5.9E-09	0.0E+00	0.0E+00	0.0E+00	6.9E-09
2174	UCART2	480659.83	3733252.05	480659.83,	0.04812	0.05565	0.04715	0.14563	0.15857	0.05536	2.06E-05	2.43E-05	2.02E-05	2.35E-06	7.37E-07	1.12E-07	6.84E-05	2.4E-08	7.1E-08	4.1E-08	3.8E-08	1.7E-08	9.3E-10	5.7E-09	0.0E+00	0.0E+00	0.0E+00	6.7E-09
2175	UCART2	480709.83	3733252.05	480709.83,	0.04539	0.05208	0.05003	0.1453	0.1589	0.0592	1.94E-05	2.28E-05	2.15E-05	2.35E-06	7.39E-07	1.19E-07	6.69E-05	2.3E-08	7.0E-08	4.0E-08	3.7E-08	1.7E-08	9.1E-10	5.6E-09	0.0E+00	0.0E+00	0.0E+00	6.5E-09
2176	UCART2	480759.83	3733252.05	480759.83,	0.04294	0.04913	0.05322	0.14501	0.15921	0.06351	1.84E-05	2.14E-05	2.28E-05	2.34E-06	7.40E-07	1.28E-07	6.58E-05	2.3E-08	6.9E-08	4.0E-08	3.6E-08	1.6E-08	9.0E-10	5.5E-09	0.0E+00	0.0E+00	0.0E+00	6.4E-09
2177	UCART2	480809.83	3733252.05	480809.83,	0.04074	0.04612	0.05681	0.14457	0.15926	0.06838	1.75E-05	2.02E-05	2.44E-05	2.34E-06	7.40E-07	1.38E-07	6.52E-05	2.3E-08	6.8E-08	3.9E-08	3.6E-08	1.6E-08	8.9E-10	5.5E-09	0.0E+00	0.0E+00	0.0E+00	6.3E-09
2178	UCART2	480859.83	3733252.05	480859.83,	0.03875	0.04361	0.06088	0.14421	0.15934	0.07397	1.66E-05	1.91E-05	2.61E-05	2.33E-06	7.41E-07	1.49E-07	6.50E-05	2.2E-08	6.8E-08	3.9E-08	3.6E-08	1.6E-08	8.8E-10	5.4E-09	0.0E+00	0.0E+00	0.0E+00	6.3E-09
2179	UCART2	480909.83	3733252.05	480909.83,	0.03694	0.04135	0.06551	0.14382	0.15935	0.08044	1.58E-05	1.81E-05	2.81E-05	2.32E-06	7.41E-07	1.62E-07	6.52E-05	2.3E-08	6.8E-08	3.9E-08	3.6E-08	1.6E-08	8.9E-10	5.5E-09	0.0E+00	0.0E+00	0.0E+00	6.4E-09
2180	UCART2	480959.83	3733252.05	480959.83,	0.03529	0.03931	0.07081	0.1435	0.15939	0.08796	1.51E-05	1.72E-05	3.04E-05	2.32E-06	7.41E-07	1.77E-07	6.59E-05	2.3E-08	6.9E-08	4.0E-08	3.6E-08	1.6E-08	9.0E-10	5.5E-09	0.0E+00	0.0E+00	0.0E+00	6.4E-09
2181	UCART2	481009.83	3733252.05	481009.83,	0.03377	0.03746	0.07691	0.14309	0.1593	0.09677	1.45E-05	1.64E-05	3.30E-05	2.31E-06	7.41E-07	1.95E-07	6.71E-05	2.3E-08	7.0E-08	4.1E-08	3.7E-08	1.7E-08	9.1E-10	5.6E-09	0.0E+00	0.0E+00	0.0E+00	6.5E-09
2182	UCART2	481059.83	3733252.05	481059.83,	0.03238	0.03577	0.08395	0.1427	0.15919	0.10716	1.39E-05	1.56E-05	3.60E-05	2.31E-06	7.40E-07	2.16E-07	6.88E-05	2.4E-08	7.2E-08	4.2E-08	3.8E-08	1.7E-08	9.4E-10	5.8E-09	0.0E+00	0.0E+00	0.0E+00	6.7E-09
2183	UCART2	481109.83	3733252.05	481109.83,	0.0311	0.03422	0.09212	0.14226	0.159	0.1195	1.33E-05	1.50E-05	3.95E-05	2.30E-06	7.39E-07	2.41E-07	7.11E-05	2.5E-08	7.4E-08	4.3E-08	3.9E-08	1.8E-08	9.7E-10	6.0E-09	0.0E+00	0.0E+00	0.0E+00	6.9E-09
2184	UCART2	481159.83	3733252.05	481159.83,	0.02991	0.0328	0.10162	0.14177	0.15874	0.13422	1.28E-05	1.43E-05	4.36E-05	2.29E-06	7.38E-07	2.71E-07	7.40E-05	2.6E-08	7.7E-08	4.5E-08	4.1E-08	1.9E-08	1.0E-09	6.2E-09	0.0E+00	0.0E+00	0.0E+00	7.2E-09
2185	UCART2	481209.83	3733252.05	481209.83,	0.02881	0.03149	0.11268	0.14129	0.15845	0.15188	1.23E-05	1.38E-05	4.83E-05	2.28E-06	7.37E-07	3.06E-07	7.78E-05	2.7E-08	8.1E-08	4.7E-08	4.3E-08	1.9E-08	1.1E-09	6.5E-09	0.0E+00	0.0E+00	0.0E+00	7.6E-09
2186	UCART2	481259.83	3733252.05	481259.83,	0.02778	0.03028	0.12558	0.14074	0.15807	0.17314	1.19E-05	1.32E-05	5.38E-05	2.27E-06	7.35

2262	UCART2	481059.83	3733352.05	481059.83,	0.03201	0.03586	0.08774	0.18785	0.21197	0.1114	1.37E-05	1.57E-05	3.76E-05	3.03E-06	9.85E-07	2.25E-07	7.13E-05	2.5E-08	7.4E-08	4.3E-08	3.9E-08	1.8E-08	9.7E-10	6.0E-09	0.0E+00	0.0E+00	0.0E+00	0.0E+00	6.9E-09
2263	UCART2	481109.83	3733352.05	481109.83,	0.03076	0.0343	0.09738	0.1875	0.21191	0.12552	1.32E-05	1.50E-05	4.18E-05	3.03E-06	9.85E-07	2.53E-07	7.42E-05	2.6E-08	7.8E-08	4.5E-08	4.1E-08	1.9E-08	1.0E-09	6.2E-09	0.0E+00	0.0E+00	0.0E+00	0.0E+00	7.2E-09
2264	UCART2	481159.83	3733352.05	481159.83,	0.02961	0.03287	0.10902	0.18708	0.21175	0.14294	1.27E-05	1.44E-05	4.67E-05	3.02E-06	9.84E-07	2.88E-07	7.81E-05	2.7E-08	8.2E-08	4.7E-08	4.3E-08	2.0E-08	1.1E-09	6.5E-09	0.0E+00	0.0E+00	0.0E+00	0.0E+00	7.6E-09
2265	UCART2	481209.83	3733352.05	481209.83,	0.02853	0.03155	0.12321	0.1866	0.21151	0.1647	1.22E-05	1.38E-05	5.28E-05	3.01E-06	9.83E-07	3.32E-07	8.32E-05	2.9E-08	8.7E-08	5.0E-08	4.6E-08	2.1E-08	1.1E-09	7.0E-09	0.0E+00	0.0E+00	0.0E+00	0.0E+00	8.1E-09
2266	UCART2	481259.83	3733352.05	481259.83,	0.02754	0.03034	0.14066	0.18606	0.21119	0.19224	1.18E-05	1.33E-05	6.03E-05	3.01E-06	9.82E-07	3.88E-07	8.98E-05	3.1E-08	9.4E-08	5.4E-08	4.9E-08	2.2E-08	1.2E-09	7.5E-09	0.0E+00	0.0E+00	0.0E+00	0.0E+00	8.7E-09
2267	UCART2	481309.83	3733352.05	481309.83,	0.0266	0.02921	0.16228	0.18554	0.21083	0.22756	1.14E-05	1.28E-05	6.96E-05	3.00E-06	9.80E-07	4.59E-07	9.82E-05	3.4E-08	1.0E-07	5.9E-08	5.4E-08	2.5E-08	1.3E-09	8.2E-09	0.0E+00	0.0E+00	0.0E+00	0.0E+00	9.6E-09
2268	UCART2	481359.83	3733352.05	481359.83,	0.02573	0.02816	0.18922	0.18488	0.21034	0.27338	1.10E-05	1.23E-05	8.11E-05	2.99E-06	9.78E-07	5.51E-07	1.09E-04	3.8E-08	1.1E-07	6.6E-08	6.0E-08	2.7E-08	1.5E-09	9.1E-09	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.1E-08
2269	UCART2	481409.83	3733352.05	481409.83,	0.02491	0.02719	0.22286	0.18414	0.20974	0.33342	1.07E-05	1.19E-05	9.56E-05	2.97E-06	9.75E-07	6.72E-07	1.23E-04	4.2E-08	1.3E-07	7.4E-08	6.7E-08	3.1E-08	1.7E-09	1.0E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.2E-08
2270	UCART2	481459.83	3733352.05	481459.83,	0.02414	0.02627	0.26471	0.18331	0.20904	0.41256	1.03E-05	1.15E-05	1.13E-04	2.96E-06	9.72E-07	8.32E-07	1.40E-04	4.8E-08	1.5E-07	8.5E-08	7.7E-08	3.5E-08	1.9E-09	1.2E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.4E-08
2271	UCART2	481509.83	3733352.05	481509.83,	0.02341	0.02542	0.31613	0.18238	0.20821	0.51679	1.00E-05	1.11E-05	1.36E-04	2.95E-06	9.68E-07	1.04E-06	1.62E-04	5.6E-08	1.7E-07	9.8E-08	8.9E-08	4.0E-08	2.2E-09	1.4E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.6E-08
2272	UCART2	481559.83	3733352.05	481559.83,	0.02273	0.02462	0.3778	0.18132	0.20723	0.65247	9.74E-06	1.08E-05	1.62E-04	2.93E-06	9.63E-07	1.32E-06	1.88E-04	6.5E-08	2.0E-07	1.1E-07	1.0E-07	4.7E-08	2.6E-09	1.6E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.8E-08
2273	UCART2	481609.83	3733352.05	481609.83,	0.02209	0.02387	0.44942	0.18009	0.20605	0.82458	9.46E-06	1.04E-05	1.93E-04	2.91E-06	9.58E-07	1.66E-06	2.18E-04	7.6E-08	2.3E-07	1.3E-07	1.2E-07	5.5E-08	3.0E-09	1.8E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.1E-08
2274	UCART2	481659.83	3733352.05	481659.83,	0.02148	0.02317	0.52906	0.17864	0.20459	1.03463	9.20E-06	1.01E-05	2.27E-04	2.89E-06	9.51E-07	2.09E-06	2.52E-04	8.7E-08	2.6E-07	1.5E-07	1.4E-07	6.3E-08	3.4E-09	2.1E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.5E-08
2275	UCART2	479709.83	3733402.05	479709.83,	0.34102	6.62615	0.02234	2.5771	1.65009	0.02422	1.46E-04	2.90E-03	9.58E-06	4.16E-05	7.67E-06	4.88E-08	3.10E-03	1.1E-06	3.2E-06	1.9E-06	1.7E-06	7.8E-07	4.2E-08	2.6E-07	0.0E+00	0.0E+00	0.0E+00	0.0E+00	3.0E-07
2276	UCART2	479759.83	3733402.05	479759.83,	0.29325	2.38442	0.02301	0.87372	0.61684	0.02501	1.26E-04	1.04E-03	9.87E-06	1.41E-05	2.87E-06	5.04E-08	1.20E-03	4.1E-07	1.2E-06	7.2E-07	6.6E-07	3.0E-07	1.6E-08	1.0E-07	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.2E-07
2277	UCART2	479809.83	3733402.05	479809.83,	0.25147	1.21963	0.0237	0.52198	0.39782	0.02581	1.08E-04	5.33E-04	1.02E-05	8.43E-06	1.85E-06	5.20E-08	6.62E-04	2.3E-07	6.9E-07	4.0E-07	3.6E-07	1.7E-07	9.0E-09	5.5E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	6.4E-08
2278	UCART2	479859.83	3733402.05	479859.83,	0.21595	0.7442	0.0244	0.38487	0.31546	0.02664	9.25E-05	3.26E-04	1.05E-05	6.22E-06	1.47E-06	5.37E-08	4.36E-04	1.5E-07	4.6E-07	2.6E-07	2.4E-07	1.1E-07	5.9E-09	3.7E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	4.2E-08
2279	UCART2	479909.83	3733402.05	479909.83,	0.1862	0.50612	0.02521	0.31967	0.27968	0.02758	7.98E-05	2.21E-04	1.08E-05	5.16E-06	1.30E-06	5.56E-08	3.18E-04	1.1E-07	3.3E-07	1.9E-07	1.7E-07	8.0E-08	4.3E-09	2.7E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	3.1E-08
2280	UCART2	479959.83	3733402.05	479959.83,	0.16162	0.36982	0.0261	0.28462	0.26262	0.02864	6.92E-05	1.62E-04	1.12E-05	4.60E-06	1.22E-06	5.77E-08	2.48E-04	8.6E-08	2.6E-07	1.5E-07	1.4E-07	6.2E-08	3.4E-09	2.1E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.4E-08
2281	UCART2	480009.83	3733402.05	480009.83,	0.14143	0.28446	0.02702	0.26404	0.25392	0.02985	6.06E-05	1.24E-04	1.16E-05	4.27E-06	1.18E-06	6.02E-08	2.02E-04	7.0E-08	2.1E-07	1.2E-07	1.1E-07	5.1E-08	2.7E-09	1.7E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.0E-08
2282	UCART2	480059.83	3733402.05	480059.83,	0.12482	0.22736	0.02799	0.25157	0.24982	0.03099	5.35E-05	9.95E-05	1.20E-05	4.06E-06	1.16E-06	6.25E-08	1.70E-04	5.9E-08	1.8E-07	1.0E-07	9.3E-08	4.3E-08	2.3E-09	1.4E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.7E-08
2283	UCART2	480109.83	3733402.05	480109.83,	0.1111	0.18718	0.02603	0.24375	0.24806	0.03222	4.76E-05	8.19E-05	1.24E-05	3.94E-06	1.15E-06	6.50E-08	1.47E-04	5.1E-08	1.5E-07	8.9E-08	8.1E-08	3.7E-08	2.0E-09	1.2E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.4E-08
2284	UCART2	480159.83	3733402.05	480159.83,	0.0997	0.15775	0.03009	0.23838	0.24725	0.03354	4.27E-05	6.90E-05	1.29E-05	3.85E-06	1.15E-06	6.76E-08	1.30E-04	4.5E-08	1.4E-07	7.8E-08	7.1E-08	3.2E-08	1.8E-09	1.1E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.3E-08
2285	UCART2	480209.83	3733402.05	480209.83,	0.09015	0.1355	0.03126	0.23468	0.2471	0.03497	3.86E-05	5.93E-05	1.34E-05	3.79E-06	1.15E-06	7.05E-08	1.16E-04	4.0E-08	1.2E-07	7.0E-08	6.4E-08	2.9E-08	1.6E-09	9.7E-09	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.1E-08
2286	UCART2	480259.83	3733402.05	480259.83,	0.08208	0.11822	0.03253	0.23205	0.24729	0.03652	3.52E-05	5.17E-05	1.39E-05	3.75E-06	1.15E-06	7.36E-08	1.06E-04	3.7E-08	1.1E-07	6.4E-08	5.8E-08	2.6E-08	1.4E-09	8.9E-09	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.0E-08
2287	UCART2	480309.83	3733402.05	480309.83,	0.07519	0.1045	0.0339	0.23016	0.24768	0.03822	3.22E-05	4.57E-05	1.45E-05	3.72E-06	1.15E-06	7.70E-08	9.74E-05	3.4E-08	1.0E-07	5.9E-08	5.3E-08	2.4E-08	1.3E-09	8.2E-09	0.0E+00	0.0E+00	0.0E+00	0.0E+00	9.5E-09
2288	UCART2	480359.83	3733402.05	480359.83,	0.06928	0.09341	0.03537	0.22853	0.2479	0.04005	2.97E-05	4.09E-05	1.52E-05	3.69E-06	1.15E-06	8.07E-08	9.06E-05	3.1E-08	9.5E-08	5.5E-08	5.0E-08	2.3E-08	1.2E-09	7.6E-09	0.0E+00	0.0E+00	0.0E+00	0.0E+00	8.8E-09
2289	UCART2	480409.83	3733402.05	480409.83,	0.06417	0.08429	0.03696	0.22719	0.24809	0.04205	2.75E-05	3.69E-05	1.58E-05	3.67E-06	1.15E-06	8.48E-08	8.51E-05	2.9E-08	8.9E-08	5.1E-08	4.7E-08	2.1E-08	1.2E-09	7.1E-09	0.0E+00	0.0E+00	0.0E+00	0.0E+00	8.3E-09
2290	UCART2	480459.83	3733402.05	480459.83,	0.0597	0.07668	0.03872	0.22632	0.24855	0.04427	2.56E-05	3.35E-05	1.66E-05	3.66E-06	1.16E-06	8.92E-08	8.06E-05	2.8E-08	8.4E-08	4.9E-08	4.4E-08	2.0E-08	1.1E-09	6.8E-09	0.0E+00	0.0E+00	0.0E+00	0.0E+00	7.8E-09
2291	UCART2	480509.83	3733402.05	480509.83,	0.05577	0.07026	0.04066	0.22562	0.24899	0.04672	2.39E-05	3.07E-05	1.74E-05	3.64E-06	1.16E-06	9.42E-08	7.70E-05	2.7E-08	8.0E-08	4.7E-08	4.2E-08	1.9E-08	1.0E-09	6.4E-09	0.0E+00	0.0E+00	0.0E+00	0.0E+00	7.5E-09
2292	UCART2	480559.83	3733402.05	480559.83,	0.05229	0.06477	0.0428	0.22517	0.24955	0.04947	2.24E-05	2.83E-05	1.84E-05	3.64E-06	1.16E-06	9.97E-08	7.40E-05	2.6E-08	7.7E-08	4.5E-08	4.1E-08	1.9E-08	1.0E-09	6.2E-09	0.0E+00	0.0E+00	0.0E+00	0.0E+00	7.2E-09
2293	UCART2	480609.83	3733402.05	480609.83,	0.0492	0.06004	0.04518	0.22475	0.25001	0.05254	2.11E-05	2.63E-05	1.94E-05	3.63E-06	1.16E-06	1.06E-07	7.16E-05	2.5E-08	7.5E-08	4.3E-08	3.9E-08	1.8E-08	9.7E-10	6.0E-09	0.0E+00	0.0E+00	0.0E+00	0.0E+00	7.0E-09
2294	UCART2	480659.83	3733402.05	480659.83,	0.04643	0.05592	0.04785	0.22451	0.25056	0.05602	1.99E-05	2.45E-05	2.05E-05	3.63E-06	1.16E-06	1.13E-07	6.98E-05	2.4E-08	7.3E-08	4.2E-08	3.8E-08	1.7E-08	9.5E-10	5.8E-09	0.0E+00	0.0E+00	0.0E+00	0.0E+00	6.8E-09
2295	UCART2	480709.83	3733402.05	480709.83,	0.04394	0.05231	0.05085	0.2245	0.25131	0.05999	1.88E-05	2.29E-05	2.18E-05	3.63E-06	1.17E-06	1.21E-07	6.84E-05	2.4E-08	7.2E-08	4.1E-08	3.8E-08	1.7E-08	9.3E-10	5.7E-09	0.0E+00	0.0E+00	0.0E+00	0.0E+00	6.7E-09
2296	UCART2	480759.83	3733402.05	480759.83,	0.04168	0.04911	0.05422	0.22446	0.25193	0.06446	1.79E-05	2.15E-05	2.32E-05	3.63E-06	1.17E-06	1.30E-07	6.75E-05	2.3E-08	7.1E-08	4.1E-08	3.7E-08	1.7E-08	9.2E-10	5.7E-09	0.0E+00	0.0E+00	0.0E+00	0.0E+00	6.6E-09
2297	UCART2	480809.83	3733402.05	480809.83,	0.03965	0.04628	0.05805	0.22428	0.25234	0.06958	1.70E-05	2.02E-05	2.49E-05	3.62E-06	1.17E-06	1.40E-07	6.71E-05	2.3E-08	7.0E-08	4.1E-08	3.7E-08	1.7E-08	9.1E-10	5.6E-09	0.0E+00	0.0E+00	0.0E+00	0.0E+00	6.5E-09
2298	UCART2	480859.83	3733402.05	480859.83,	0.0378	0.04376	0.06245	0.22374	0.25228	0.07553	1.62E-05	1.91E-05	2.68E-05	3.61E-06	1.17E-06	1.52E-07	6.70E-05	2.3E-08	7.0E-08	4.1E-08	3.7E-08	1.7E-08	9.1E-10	5.6E-09	0.0E+00	0.0E+00	0.0E+00	0.0E+00	6.5E-09
2299	UCART2	480909.83	3733402.05	480909.83,	0.03609	0.04147	0.06755	0.22392	0.25298	0.08249	1.55E-05	1.81E-05	2.90E-05	3.62E-06	1.18E-06	1.66E-07	6.75E-05	2.3E-08	7.1E-08	4.1E-08	3.7E-08	1.7E-08	9.2E-10	5.7E-09	0.0E+00	0.0E+00	0.0E+00	0.0E+00	6.6E-09
2300	UCART2	480959.83	3733402.05	480959.83,	0.03453	0.03941	0.0735	0.22376	0.25326	0.09073	1.48E-05	1.72E-05	3.15E-05	3.61E-06	1.18E-06	1.83E-07	6.85E-05	2.4E-08	7.2E-08	4.1E-08	3.8E-08	1.7E-08	9.3E-10	5.7E-09	0.0E+00	0.0E+00	0.0E+00	0.0E+00	6.7E-09
2301	UCART2	481009.83	3733402.05	481009.83,	0.0331	0.03755	0.08055	0.22343	0.25332	0.1006	1.42E-05	1.64E-05	3.45E-05	3.61E-06	1.18E-06	2.03E-07	7.01E-05	2.4E-08	7.3E-08	4.2E-08	3.8E-08	1.8E-08	9.5E-10	5.9E-09	0.0E+00	0.0E+00	0.0E+00	0.0E+00	6.8E-09
2302	UCART2	481059.83	3733402.05	481059.83,	0.03178	0.03585	0.08897	0.22311	0.25337	0.11256	1.36E-05	1.57E-05	3.81E-05	3.60E-06	1.18E-06	2.27E-07	7.24E-05	2.5E-08	7.6E-08	4.4E-08	4.0E-08	1.8E-08	9.9E-10	6.1E-09	0.0E+00	0.0E+00	0.0E+00	0.0E+00	7.1E-09
2303	UCART2	481109.83	3733402.05	481109.83,	0.03056	0.03429	0.09915	0.22282	0.2534	0.12725	1.31E-05	1.50E-05	4.25E-05	3.60E-06	1.18E-06	2.57E-07	7.56E-05	2.6E-08	7.9E-08	4.6E-08	4.1E-08	1.9E-08	1.0E-09	6.3E-09	0.0E+00	0.0E+00	0.0E+00	0.0E+00	7.4E-09
2304	UCART2	481159.83	3733402.05	481159.83,	0.02943	0.03286	0.11164	0.22245	0.25333	0.14556	1.26E-05	1.44E-05	4.79E-05	3.59E-06	1.18E-06	2.93E-07	7.99E-05	2.8E-08	8.4E-08	4.8E-08	4.4E-08	2.0E-08	1.1E-09	6.7E-09	0.0E+00	0.0E+00	0.0E+00	0.0E+00	7.8E-09
2305	UCART2	481209.83	3733402.05	481209.83,	0.02837	0.03154	0.12716	0.22206	0.2532	0.16879	1.22E-05	1.38E-05	5.45E-05	3.59E-06	1.18E-06	3.40E-07	8.56E-05	3.0E-08	8.9E-08	5.2E-08	4.7E-08	2.1E-08	1.2E-09	7.2E-09	0.0E+00	0.0E+00	0.0E+00	0.0E+00	8.3E-09
2306	UCART2	481259.83	3733402.05	481259.83,	0.02739	0.03033	0.14674	0.2214	0.25289	0.19876	1.17E-05	1.33E-05	6.29E-05	3.58E-06	1.18E-06	4.01E-07	9.31E-05	3.2E-08	9.7E-08	5.6E-08	5.1E-08	2.3E-08	1.3E-09	7.8E-09	0.0E+00	0.0E+00	0.0E+00	0.0E+00	9.1E-09
2307	UCART2	481309.83	3733402.05	481309.83,	0.02645	0.0292	0.17182	0.22103	0.25266	0.23823	1.13E-05	1.28E-05	7.37E-05	3.57E-06	1.17E-06	4.80E-07	1.03E-04	3.6E-08	1.1E-07	6.2E-08	5.6E-08	2.6E-08	1.4E-09	8.6E-09	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.0E-08
2308	UCART2	481359.83	3733402.05	481359.83,	0.0256	0.02815	0.20443	0.22041	0.25226	0.29124	1.10E-05	1.23E-05	8.77E-05	3.56E-06	1.17E-06	5.87E-07	1.16E-04	4.0E-08	1.2E-07	7.0E-08	6.4E-08	2.9E-08	1.6E-09	9.7E-09	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.1E-08
2309	UCART2	481409.83	3733402.05	481409.83,	0.02479	0.02718	0.24738	0.21972	0.25176	0.36397	1.06E-05	1.19E-05	1.06E-04	3.55E-06	1.17E-06	7.34E-07	1.34E-04	4.6E-08	1.4E-07	8.1E-08	7.4E-08	3.4E-08	1.8E-09	1.1E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.3E-08
2310	UCART2	481459.83	3733402.05	481459.83,	0.02403	0.02627	0.30454	0.21894	0.25115	0.46582	1.03E-05	1.15E-05	1.31E-04	3.54E-06	1.17E-06	9.39E-07	1.58E-04	5.5E-08	1.7E-07	9.6E-08	8.7E-08	4.0E-08	2.1E-09	1.3E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.5E-08
2311	UCART2	481509.83	3733402.05	481509.83,	0.02332	0.02541	0.38078	0.21803	0.25039	0.61086	9.99E-06	1.11E-05	1.63E-04	3.52E-06	1.16E-06	1.23E-06	1.90E-04	6.6E-08	2.0E-07	1.2E-07	1.0E-07	4.8E-08	2.6E-09	1.6E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.9E-08
2312	UCART2	481559.83	3733402.05	481559.83,	0.02265	0.02462	0.48113	0.2169	0.24944	0.81895	9.70E-06	1.08E-05	2.06E-04	3.50E-06	1.16E-06	1.65E-06	2.33E-04	8.1E-08	2.4E-07	1.4E-07	1.3E-07	5.8E-08	3.2E-09	2.0E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.3E-08
2313	UCART2	481609.83	3733402.05	481609.83,	0.02201	0.02387	0.60816	0.21567	0.24829	1.11491	9.43E-06	1.04E-05	2.61E-04	3.48E-06	1.15E-06	2.25E-06	2.88E-04	1.0E-07	3.0E-07	1.7E-07	1.6E-07	7.2E-08	3.9E-09	2.4E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.8E-08
2314	UCART2	481659.83	3733402.05	481659.83,	0.02141	0.02316	0.75734	0.21425	0.24689	1.51991	9.17E-06	1.01E-05	3.25E-04	3.46E-06	1.15E-06	3.06E-06	3.52E-04	1.2E-07	3.7E-07	2.1E-07	1.9E-07	8.8E-08	4.8E-09	2.9E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	3.4E-08
2315	UCART2	479709.83	3733452.05	479709.83,	0.28615	6.68271	0.02242	2.55499	2.72712	0.0243	1.23E-04	2.92E-03	9.61E-06	4.13E-05	1.27E-05	4.90E-08	3.11E-03	1.1E-06	3.2E-06	1.9E-06	1.7E-06	7.8E-07	4.2E-08	2.6E-07	0.0E+00	0.0E+00	0.0E+00	0.0E+00	3.0E-07
2316	UCART2	479759.83	3733452.05	479759.83,	0.25141	2.30525	0.02308	0.88968	0.7967	0.02507	1.08E-04	1.01E-03	9.90E-06	1.44E-05	3.70E-06	5.05E-08	1.14E-03	4.0E-07	1.2E-06	6.9E-07	6.3E-07	2.9E-07	1.6E-08	9.6E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.1E-07
2317	UCART2	479809.83	3733452.05	479809.83,	0.2201	1.18501	0.02377	0.54913	0.48269	0.02587	9.43E-05	5.18E-04	1.02E-05	8.87E-06	2.24E-06	5.21E-08	6.34E-04	2.2E-07	6.6E-07	3.8E-07	3.5E-07	1.6E-07	8.6E-09	5.3E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	6.2E-08
2318	UCART2	479859.83	3733452.05	479859.83,	0.19263	0.72384	0.02453	0.42038	0.38043	0.02675	8.25E-05	3.19E-04	1.05E-05	6.79E-06	1.77E-06	5.39E-08	4.20E-04	1.5E-07	4.4E-07	2.5E-07	2.3E-07	1.1E-07	5.7E-09	3.5E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	4.1E-08
2319	UCART2	479909.83	3733452.05	479909.83,	0.16896	0.49752	0.02536	0.35996	0.33871	0.02781	7.24E-05	2.18E-04	1.09E-05	5.81E-06	1.57E-06	5.61E-08	3.08E-04	1.1E-07	3.2E-07	1.9E-07	1.7E-07	7.7E-08	4.2E-09	2.6E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	3.0E-08
2320	UCART2	479959.83	3733452.05	479959.83,	0.14881	0.36474	0.02621	0.3282	0.32014	0.02883	6.37E-05	1.60E-04	1.12E-05	5.30E-06	1.49E-06	5.81E-08	2.41E-04	8.4E-08	2.5E-07	1.5E-07	1.3E-07	6.0E-08	3.3E-09	2.0E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	2.4E-08
2321	UCART2	480009.83	3733452.05	480009.83,	0.13179	0.28125	0.02709	0.30999	0.31141	0.02989	5.65E-05	1.23E-04	1.16E-05	5.01E-06	1.45E-06	6.03E-08	1.98E-04	6.8E-08	2.1E-07	1.2E-07	1.1E-07	4.9E-08	2.7E-09	1.7E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.9E-08
2322	UCART2	480059.83	3733452.05	480059.83,	0.11748	0.22521	0.02804	0.29878	0.30718	0.03102	5.03E-05	9.85E-05	1.20E-05	4.83E-06	1.43E-06	6.25E-08	1.67E-04	5.8E-08	1.7E-07	1.0E-07	9.2E-08	4.2E-08	2.3E-09	1.4E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.6E-08
2323	UCART2	480109.83	3733452.05	480109.83,	0.10543	0.18568	0.02905	0.29173	0.30545	0.03225	4.52E-05	8.12E-05	1.25E-05	4.71E-06	1.42E-06	6.50E-08	1.45E-04	5.0E-08	1.5E-07	8.8E-08	8.0E-08	3.6E-08	2.0E-09	1.2E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.4E-08
2324	UCART2	480159.83	3733452.05	480159.83,	0.09525	0.15666	0.03015	0.28707	0.30495	0.03358	4.08E-05	6.85E-05	1.29E-05	4.64E-06	1.42E-06	6.77E-08	1.28E-04	4.4E-08	1.3E-07	7.8E-08	7.0E-08	3.2E-08	1.7E-09	1.1E-08	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.2E-08
2325	UCART2	480209.83	3733452.05	480209.83,	0.08661	0.13468	0.03133	0.28389	0.30507	0.03502	3.71E-05	5.89E-05	1.34E-05	4.59E-06	1.42E-06	7.06E-08	1.16E-04	4.0E-08	1.2E-07	7.0E-08	6.3E-08	2.9E-08	1.6E-09	9.7E-09	0.0E+00	0.0E+00	0.0E+00	0.0E+00	1.1E-08
2326	UCART2	480259.

2404	UCART2	480159.83	3733552.05	480159.83,	0.08654	0.15064	0.03022	0.50222	0.55769	0.03363	3.71E-05	6.59E-05	1.30E-05	8.11E-06	2.59E-06	6.78E-08	1.27E-04	4.4E-08	1.3E-07	7.7E-08	6.9E-08	3.2E-08	1.7E-09	1.1E-08	0.0E+00	0.0E+00	0.0E+00	1.2E-08
2405	UCART2	480209.83	3733552.05	480209.83,	0.07955	0.13031	0.03139	0.49997	0.55853	0.03506	3.41E-05	5.70E-05	1.35E-05	8.08E-06	2.60E-06	7.07E-08	1.15E-04	4.0E-08	1.2E-07	7.0E-08	6.3E-08	2.9E-08	1.6E-09	9.7E-09	0.0E+00	0.0E+00	0.0E+00	1.1E-08
2406	UCART2	480259.83	3733552.05	480259.83,	0.07345	0.11434	0.03264	0.49828	0.55947	0.03659	3.15E-05	5.00E-05	1.40E-05	8.05E-06	2.60E-06	7.38E-08	1.06E-04	3.7E-08	1.1E-07	6.4E-08	5.8E-08	2.7E-08	1.4E-09	8.9E-09	0.0E+00	0.0E+00	0.0E+00	1.0E-08
2407	UCART2	480309.83	3733552.05	480309.83,	0.0681	0.10153	0.034	0.49711	0.56063	0.03827	2.92E-05	4.44E-05	1.46E-05	8.03E-06	2.61E-06	7.71E-08	9.89E-05	3.4E-08	1.0E-07	6.0E-08	5.4E-08	2.5E-08	1.3E-09	8.3E-09	0.0E+00	0.0E+00	0.0E+00	9.6E-09
2408	UCART2	480359.83	3733552.05	480359.83,	0.0634	0.0911	0.03548	0.49595	0.56148	0.04009	2.72E-05	3.98E-05	1.52E-05	8.01E-06	2.61E-06	8.08E-08	9.29E-05	3.2E-08	9.7E-08	5.6E-08	5.1E-08	2.3E-08	1.3E-09	7.8E-09	0.0E+00	0.0E+00	0.0E+00	9.0E-09
2409	UCART2	480409.83	3733552.05	480409.83,	0.05925	0.08245	0.03709	0.49554	0.56295	0.04209	2.54E-05	3.61E-05	1.59E-05	8.01E-06	2.62E-06	8.48E-08	8.81E-05	3.0E-08	9.2E-08	5.3E-08	4.8E-08	2.2E-08	1.2E-09	7.4E-09	0.0E+00	0.0E+00	0.0E+00	8.6E-09
2410	UCART2	480459.83	3733552.05	480459.83,	0.05554	0.0752	0.03886	0.49581	0.565	0.0443	2.38E-05	3.29E-05	1.67E-05	8.01E-06	2.63E-06	8.93E-08	8.41E-05	2.9E-08	8.8E-08	5.1E-08	4.6E-08	2.1E-08	1.1E-09	7.0E-09	0.0E+00	0.0E+00	0.0E+00	8.2E-09
2411	UCART2	480509.83	3733552.05	480509.83,	0.05224	0.06905	0.0408	0.49576	0.56652	0.04675	2.24E-05	3.02E-05	1.75E-05	8.01E-06	2.63E-06	9.42E-08	8.08E-05	2.8E-08	8.4E-08	4.9E-08	4.4E-08	2.0E-08	1.1E-09	6.8E-09	0.0E+00	0.0E+00	0.0E+00	7.9E-09
2412	UCART2	480559.83	3733552.05	480559.83,	0.04927	0.06377	0.04295	0.49577	0.56798	0.04948	2.11E-05	2.79E-05	1.84E-05	8.01E-06	2.64E-06	9.97E-08	7.82E-05	2.7E-08	8.2E-08	4.7E-08	4.3E-08	2.0E-08	1.1E-09	6.5E-09	0.0E+00	0.0E+00	0.0E+00	7.6E-09
2413	UCART2	480609.83	3733552.05	480609.83,	0.0466	0.0592	0.04534	0.49615	0.56974	0.05253	2.00E-05	2.59E-05	1.94E-05	8.02E-06	2.65E-06	1.06E-07	7.61E-05	2.6E-08	8.0E-08	4.6E-08	4.2E-08	1.9E-08	1.0E-09	6.4E-09	0.0E+00	0.0E+00	0.0E+00	7.4E-09
2414	UCART2	480659.83	3733552.05	480659.83,	0.04418	0.05521	0.04801	0.49668	0.5716	0.05596	1.89E-05	2.41E-05	2.06E-05	8.02E-06	2.66E-06	1.13E-07	7.45E-05	2.6E-08	7.8E-08	4.5E-08	4.1E-08	1.9E-08	1.0E-09	6.2E-09	0.0E+00	0.0E+00	0.0E+00	7.2E-09
2415	UCART2	480709.83	3733552.05	480709.83,	0.04198	0.05171	0.05101	0.49694	0.5731	0.05985	1.80E-05	2.26E-05	2.19E-05	8.03E-06	2.66E-06	1.21E-07	7.33E-05	2.5E-08	7.7E-08	4.4E-08	4.0E-08	1.8E-08	1.0E-09	6.1E-09	0.0E+00	0.0E+00	0.0E+00	7.1E-09
2416	UCART2	480759.83	3733552.05	480759.83,	0.03999	0.04861	0.05441	0.49683	0.57413	0.0643	1.71E-05	2.13E-05	2.33E-05	8.03E-06	2.67E-06	1.30E-07	7.25E-05	2.5E-08	7.6E-08	4.4E-08	4.0E-08	1.8E-08	9.9E-10	6.1E-09	0.0E+00	0.0E+00	0.0E+00	7.1E-09
2417	UCART2	480809.83	3733552.05	480809.83,	0.03814	0.04583	0.05828	0.49883	0.57733	0.06941	1.63E-05	2.00E-05	2.50E-05	8.06E-06	2.68E-06	1.40E-07	7.23E-05	2.5E-08	7.6E-08	4.4E-08	4.0E-08	1.8E-08	9.8E-10	6.1E-09	0.0E+00	0.0E+00	0.0E+00	7.0E-09
2418	UCART2	480859.83	3733552.05	480859.83,	0.03647	0.04337	0.06277	0.49856	0.57826	0.07537	1.56E-05	1.90E-05	2.69E-05	8.05E-06	2.69E-06	1.52E-07	7.24E-05	2.5E-08	7.6E-08	4.4E-08	4.0E-08	1.8E-08	9.8E-10	6.1E-09	0.0E+00	0.0E+00	0.0E+00	7.0E-09
2419	UCART2	480909.83	3733552.05	480909.83,	0.03492	0.04113	0.06797	0.49952	0.58029	0.08234	1.50E-05	1.80E-05	2.91E-05	8.07E-06	2.70E-06	1.66E-07	7.30E-05	2.5E-08	7.6E-08	4.4E-08	4.0E-08	1.8E-08	9.9E-10	6.1E-09	0.0E+00	0.0E+00	0.0E+00	7.1E-09
2420	UCART2	480959.83	3733552.05	480959.83,	0.03349	0.03911	0.07409	0.49998	0.58178	0.09063	1.43E-05	1.71E-05	3.18E-05	8.08E-06	2.70E-06	1.83E-07	7.42E-05	2.6E-08	7.8E-08	4.5E-08	4.1E-08	1.9E-08	1.0E-09	6.2E-09	0.0E+00	0.0E+00	0.0E+00	7.2E-09
2421	UCART2	481009.83	3733552.05	481009.83,	0.03217	0.03728	0.08139	0.50041	0.5831	0.1006	1.38E-05	1.63E-05	3.49E-05	8.08E-06	2.71E-06	2.03E-07	7.60E-05	2.6E-08	7.9E-08	4.6E-08	4.2E-08	1.9E-08	1.0E-09	6.4E-09	0.0E+00	0.0E+00	0.0E+00	7.4E-09
2422	UCART2	481059.83	3733552.05	481059.83,	0.03095	0.0356	0.09022	0.50066	0.58437	0.11276	1.33E-05	1.56E-05	3.87E-05	8.09E-06	2.72E-06	2.27E-07	7.85E-05	2.7E-08	8.2E-08	4.8E-08	4.3E-08	2.0E-08	1.1E-09	6.6E-09	0.0E+00	0.0E+00	0.0E+00	7.6E-09
2423	UCART2	481109.83	3733552.05	481109.83,	0.02981	0.03407	0.10109	0.50092	0.58557	0.12783	1.28E-05	1.49E-05	4.33E-05	8.09E-06	2.72E-06	2.58E-07	8.21E-05	2.8E-08	8.6E-08	5.0E-08	4.5E-08	2.1E-08	1.1E-09	6.9E-09	0.0E+00	0.0E+00	0.0E+00	8.0E-09
2424	UCART2	481159.83	3733552.05	481159.83,	0.02875	0.03266	0.1147	0.50126	0.58676	0.14687	1.23E-05	1.43E-05	4.92E-05	8.10E-06	2.73E-06	2.96E-07	8.69E-05	3.0E-08	9.1E-08	5.3E-08	4.8E-08	2.2E-08	1.2E-09	7.3E-09	0.0E+00	0.0E+00	0.0E+00	8.5E-09
2425	UCART2	481209.83	3733552.05	481209.83,	0.02776	0.03137	0.13137	0.50146	0.58798	0.17147	1.19E-05	1.37E-05	5.67E-05	8.10E-06	2.73E-06	3.46E-07	9.35E-05	3.2E-08	9.8E-08	5.7E-08	5.1E-08	2.3E-08	1.2E-09	7.8E-09	0.0E+00	0.0E+00	0.0E+00	9.1E-09
2426	UCART2	481259.83	3733552.05	481259.83,	0.02684	0.03017	0.15525	0.50149	0.58883	0.20405	1.15E-05	1.32E-05	6.66E-05	8.10E-06	2.74E-06	4.11E-07	1.03E-04	3.5E-08	1.1E-07	6.2E-08	5.6E-08	2.6E-08	1.4E-09	8.6E-09	0.0E+00	0.0E+00	0.0E+00	1.0E-08
2427	UCART2	481309.83	3733552.05	481309.83,	0.02597	0.02905	0.18675	0.50146	0.58975	0.24858	1.11E-05	1.27E-05	8.01E-05	8.10E-06	2.74E-06	5.01E-07	1.15E-04	4.0E-08	1.2E-07	7.0E-08	6.3E-08	2.9E-08	1.6E-09	9.7E-09	0.0E+00	0.0E+00	0.0E+00	1.1E-08
2428	UCART2	481359.83	3733552.05	481359.83,	0.02515	0.02802	0.23158	0.50128	0.59055	0.3118	1.08E-05	1.23E-05	9.93E-05	8.10E-06	2.75E-06	6.29E-07	1.34E-04	4.6E-08	1.4E-07	8.1E-08	7.3E-08	3.3E-08	1.8E-09	1.1E-08	0.0E+00	0.0E+00	0.0E+00	1.3E-08
2429	UCART2	481409.83	3733552.05	481409.83,	0.02438	0.02705	0.29891	0.50128	0.59135	0.40597	1.04E-05	1.18E-05	1.28E-04	8.10E-06	2.75E-06	8.18E-07	1.62E-04	5.6E-08	1.7E-07	9.8E-08	8.9E-08	4.1E-08	2.2E-09	1.4E-08	0.0E+00	0.0E+00	0.0E+00	1.6E-08
2430	UCART2	481459.83	3733552.05	481459.83,	0.02365	0.02615	0.40705	0.50119	0.59206	0.55503	1.01E-05	1.14E-05	1.75E-04	8.10E-06	2.75E-06	1.12E-06	2.08E-04	7.2E-08	2.2E-07	1.3E-07	1.1E-07	5.2E-08	2.8E-09	1.7E-08	0.0E+00	0.0E+00	0.0E+00	2.0E-08
2431	UCART2	481509.83	3733552.05	481509.83,	0.02298	0.02531	0.59676	0.50001	0.59216	0.81024	9.84E-06	1.11E-05	2.56E-04	8.08E-06	2.75E-06	1.63E-06	2.89E-04	1.0E-07	3.0E-07	1.8E-07	1.6E-07	7.2E-08	3.9E-09	2.4E-08	0.0E+00	0.0E+00	0.0E+00	2.8E-08
2432	UCART2	481559.83	3733552.05	481559.83,	0.02233	0.02452	0.9783	0.49969	0.59254	1.2989	9.57E-06	1.07E-05	4.19E-04	8.07E-06	2.75E-06	2.62E-06	4.53E-04	1.6E-07	4.7E-07	2.7E-07	2.5E-07	1.1E-07	6.2E-09	3.8E-08	0.0E+00	0.0E+00	0.0E+00	4.4E-08
2433	UCART2	481609.83	3733552.05	481609.83,	0.02171	0.02378	1.95906	0.49913	0.59272	2.40669	9.30E-06	1.04E-05	8.40E-04	8.06E-06	2.76E-06	4.85E-06	8.75E-04	3.0E-07	9.1E-07	5.3E-07	4.8E-07	2.2E-07	1.2E-08	7.3E-08	0.0E+00	0.0E+00	0.0E+00	8.5E-08
2434	UCART2	481659.83	3733552.05	481659.83,	0.02113	0.02308	7.21471	0.49814	0.59248	5.96246	9.05E-06	1.01E-05	3.09E-03	8.05E-06	2.75E-06	1.20E-05	3.14E-03	1.1E-06	3.3E-06	1.9E-06	1.7E-06	7.8E-07	4.3E-08	2.6E-07	0.0E+00	0.0E+00	0.0E+00	3.1E-07
2435	UCART2	479709.83	3733602.05	479709.83,	0.18312	1.51231	0.02259	2.6	3.05622	0.02451	7.84E-05	6.62E-04	9.69E-06	4.20E-05	1.42E-05	4.94E-08	8.06E-04	2.8E-07	8.4E-07	4.9E-07	4.4E-07	2.0E-07	1.1E-08	6.8E-08	0.0E+00	0.0E+00	0.0E+00	7.8E-08
2436	UCART2	479759.83	3733602.05	479759.83,	0.16832	1.04701	0.02324	1.17823	1.29451	0.02527	7.21E-05	4.58E-04	9.96E-06	1.90E-05	6.02E-06	5.09E-08	5.65E-04	2.0E-07	5.9E-07	3.4E-07	3.1E-07	1.4E-07	7.7E-09	4.7E-08	0.0E+00	0.0E+00	0.0E+00	5.5E-08
2437	UCART2	479809.83	3733602.05	479809.83,	0.154	0.73009	0.02392	0.9447	1.02539	0.02607	6.60E-05	3.19E-04	1.03E-05	1.53E-05	4.77E-06	5.26E-08	4.16E-04	1.4E-07	4.3E-07	2.5E-07	2.3E-07	1.0E-07	5.7E-09	3.5E-08	0.0E+00	0.0E+00	0.0E+00	4.0E-08
2438	UCART2	479859.83	3733602.05	479859.83,	0.14052	0.52646	0.02466	0.8698	0.94792	0.02694	6.02E-05	2.30E-04	1.06E-05	1.41E-05	4.41E-06	5.43E-08	3.20E-04	1.1E-07	3.3E-07	1.9E-07	1.8E-07	8.0E-08	4.3E-09	2.7E-08	0.0E+00	0.0E+00	0.0E+00	3.1E-08
2439	UCART2	479909.83	3733602.05	479909.83,	0.1281	0.3947	0.02544	0.83672	0.91902	0.02785	5.49E-05	1.73E-04	1.09E-05	1.35E-05	4.27E-06	5.61E-08	2.56E-04	8.9E-08	2.7E-07	1.6E-07	1.4E-07	6.4E-08	3.5E-09	2.1E-08	0.0E+00	0.0E+00	0.0E+00	2.5E-08
2440	UCART2	479959.83	3733602.05	479959.83,	0.1168	0.30683	0.02627	0.82027	0.90825	0.02884	5.00E-05	1.34E-04	1.13E-05	1.33E-05	4.22E-06	5.81E-08	2.13E-04	7.4E-08	2.2E-07	1.3E-07	1.2E-07	5.3E-08	2.9E-09	1.8E-08	0.0E+00	0.0E+00	0.0E+00	2.1E-08
2441	UCART2	480009.83	3733602.05	480009.83,	0.10663	0.24604	0.02716	0.81212	0.90589	0.02991	4.57E-05	1.08E-04	1.16E-05	1.31E-05	4.21E-06	6.03E-08	1.82E-04	6.3E-08	1.9E-07	1.1E-07	1.0E-07	4.6E-08	2.5E-09	1.5E-08	0.0E+00	0.0E+00	0.0E+00	1.8E-08
2442	UCART2	480059.83	3733602.05	480059.83,	0.09755	0.20248	0.02811	0.80777	0.90691	0.03105	4.18E-05	8.86E-05	1.21E-05	1.30E-05	4.22E-06	6.26E-08	1.60E-04	5.5E-08	1.7E-07	9.7E-08	8.8E-08	4.0E-08	2.2E-09	1.3E-08	0.0E+00	0.0E+00	0.0E+00	1.6E-08
2443	UCART2	480109.83	3733602.05	480109.83,	0.08952	0.17029	0.02912	0.80464	0.90846	0.03227	3.83E-05	7.45E-05	1.25E-05	1.30E-05	4.22E-06	6.51E-08	1.43E-04	4.9E-08	1.5E-07	8.6E-08	7.8E-08	3.6E-08	1.9E-09	1.2E-08	0.0E+00	0.0E+00	0.0E+00	1.4E-08
2444	UCART2	480159.83	3733602.05	480159.83,	0.08242	0.14583	0.0302	0.80305	0.91114	0.03358	3.53E-05	6.38E-05	1.29E-05	1.30E-05	4.24E-06	6.77E-08	1.29E-04	4.5E-08	1.4E-07	7.8E-08	7.1E-08	3.2E-08	1.8E-09	1.1E-08	0.0E+00	0.0E+00	0.0E+00	1.3E-08
2445	UCART2	480209.83	3733602.05	480209.83,	0.07615	0.12682	0.03136	0.80231	0.91427	0.035	3.26E-05	5.55E-05	1.34E-05	1.30E-05	4.25E-06	7.06E-08	1.19E-04	4.1E-08	1.2E-07	7.2E-08	6.5E-08	3.0E-08	1.6E-09	1.0E-08	0.0E+00	0.0E+00	0.0E+00	1.2E-08
2446	UCART2	480259.83	3733602.05	480259.83,	0.07063	0.11174	0.03261	0.80201	0.91751	0.03652	3.03E-05	4.89E-05	1.40E-05	1.30E-05	4.27E-06	7.36E-08	1.10E-04	3.8E-08	1.2E-07	6.7E-08	6.1E-08	2.8E-08	1.5E-09	9.2E-09	0.0E+00	0.0E+00	0.0E+00	1.1E-08
2447	UCART2	480309.83	3733602.05	480309.83,	0.06573	0.09955	0.03397	0.80233	0.92121	0.03818	2.82E-05	4.35E-05	1.46E-05	1.30E-05	4.28E-06	7.70E-08	1.04E-04	3.6E-08	1.1E-07	6.3E-08	5.7E-08	2.6E-08	1.4E-09	8.7E-09	0.0E+00	0.0E+00	0.0E+00	1.0E-08
2448	UCART2	480359.83	3733602.05	480359.83,	0.0614	0.08955	0.03544	0.80186	0.92374	0.03999	2.63E-05	3.92E-05	1.52E-05	1.30E-05	4.29E-06	8.06E-08	9.80E-05	3.4E-08	1.0E-07	5.9E-08	5.4E-08	2.5E-08	1.3E-09	8.2E-09	0.0E+00	0.0E+00	0.0E+00	9.5E-09
2449	UCART2	480409.83	3733602.05	480409.83,	0.05754	0.08123	0.03705	0.80141	0.92826	0.04198	2.46E-05	3.55E-05	1.59E-05	1.30E-05	4.31E-06	8.44E-08	9.34E-05	3.2E-08	9.8E-08	5.7E-08	5.1E-08	2.3E-08	1.3E-09	7.8E-09	0.0E+00	0.0E+00	0.0E+00	9.1E-09
2450	UCART2	480459.83	3733602.05	480459.83,	0.05408	0.07422	0.03881	0.80521	0.93305	0.04418	2.32E-05	3.25E-05	1.66E-05	1.30E-05	4.34E-06	8.91E-08	8.97E-05	3.1E-08	9.4E-08	5.4E-08	4.9E-08	2.2E-08	1.2E-09	7.5E-09	0.0E+00	0.0E+00	0.0E+00	8.7E-09
2451	UCART2	480509.83	3733602.05	480509.83,	0.05098	0.06825	0.04075	0.80597	0.93651	0.0466	2.18E-05	2.99E-05	1.75E-05	1.30E-05	4.35E-06	9.39E-08	8.66E-05	3.0E-08	9.1E-08	5.2E-08	4.8E-08	2.2E-08	1.2E-09	7.3E-09	0.0E+00	0.0E+00	0.0E+00	8.4E-09
2452	UCART2	480559.83	3733602.05	480559.83,	0.04819	0.06311	0.04289	0.80684	0.9399	0.04931	2.06E-05	2.76E-05	1.84E-05	1.30E-05	4.37E-06	9.94E-08	8.41E-05	2.9E-08	8.8E-08	5.1E-08	4.6E-08	2.1E-08	1.1E-09	7.0E-09	0.0E+00	0.0E+00	0.0E+00	8.2E-09
2453	UCART2	480609.83	3733602.05	480609.83,	0.04565	0.05865	0.04527	0.8084	0.94395	0.05233	1.96E-05	2.57E-05	1.94E-05	1.31E-05	4.39E-06	1.05E-07	8.22E-05	2.8E-08	8.6E-08	5.0E-08	4.5E-08	2.1E-08	1.1E-09	6.9E-09	0.0E+00	0.0E+00	0.0E+00	8.0E-09
2454	UCART2	480659.83	3733602.05	480659.83,	0.04335	0.05475	0.04792	0.8104	0.94849	0.05573	1.86E-05	2.39E-05	2.05E-05	1.31E-05	4.41E-06	1.12E-07	8.07E-05	2.8E-08	8.4E-08	4.9E-08	4.4E-08	2.0E-08	1.1E-09	6.8E-09	0.0E+00	0.0E+00	0.0E+00	7.9E-09
2455	UCART2	480709.83	3733602.05	480709.83,	0.04125	0.05131	0.05091	0.8123	0.95298	0.05958	1.77E-05	2.24E-05	2.18E-05	1.31E-05	4.43E-06	1.20E-07	7.96E-05	2.8E-08	8.3E-08	4.8E-08	4.4E-08	2.0E-08	1.1E-09	6.7E-09	0.0E+00	0.0E+00	0.0E+00	7.8E-09
2456	UCART2	480759.83	3733602.05	480759.83,	0.03933	0.04826	0.05429	0.81428	0.95737	0.06398	1.68E-05	2.11E-05	2.33E-05	1.32E-05	4.45E-06	1.29E-07	7.90E-05	2.7E-08	8.3E-08	4.8E-08	4.3E-08	2.0E-08	1.1E-09	6.6E-09	0.0E+00	0.0E+00	0.0E+00	7.7E-09
2457	UCART2	480809.83	3733602.05	480809.83,	0.03757	0.04554	0.05815	0.81606	0.96142	0.06904	1.61E-05	1.99E-05	2.49E-05	1.32E-05	4.47E-06	1.39E-07	7.87E-05	2.7E-08	8.2E-08	4.8E-08	4.3E-08	2.0E-08	1.1E-09	6.6E-09	0.0E+00	0.0E+00	0.0E+00	7.7E-09
2458	UCART2	480859.83	3733602.05	480859.83,	0.03596	0.04311	0.06261	0.81741	0.9653	0.07492	1.54E-05	1.89E-05	2.68E-05	1.32E-05	4.49E-06	1.51E-07	7.89E-05	2.7E-08	8.3E-08	4.8E-08	4.3E-08	2.0E-08	1.1E-09	6.6E-09	0.0E+00	0.0E+00	0.0E+00	7.7E-09
2459	UCART2	480909.83	3733602.05	480909.83,	0.03447	0.04091	0.06779	0.81882	0.9692	0.08182	1.48E-05	1.79E-05	2.91E-05	1.32E-05	4.51E-06	1.65E-07	7.96E-05	2.8E-08	8.3E-08	4.8E-08	4.4E-08	2.0E-08	1.1E-09	6.7E-09	0.0E+00	0.0E+00	0.0E+00	7.8E-09
2460	UCART2	480959.83	3733602.05	480959.83,	0.03309	0.03882	0.07374	0.82065	0.9741	0.08999	1.42E-05	1.70E-05	3.17E-05	1.33E-05	4.52E-06	1.81E-07	8.08E-05	2.8E-08	8.4E-08	4.9E-08	4.4E-08	2.0E-08	1.1E-09	6.8E-09	0.0E+00	0.0E+00	0.0E+00	7.9E-09
2461	UCART2	481009.83	3733602.05	481009.83,	0.03181	0.03711	0.08115	0.82216	0.97697	0.09982	1.36E-05	1.62E-05	3.48E-05	1.33E-05	4.54E-06	2.01E-07	8.27E-05	2.9E-08	8.6E-08	5.0E-08	4.5E-08	2.1E-08	1.1E-09	6.9E-09	0.0E+00	0.0E+00	0.0E+00	8.0E-09
2462	UCART2	481059.83	3733602.05	481059.83,	0.03063	0.03545	0.08994	0.82356	0.98082	0.11179	1.31E-05	1.55E-05	3.86E-05	1.33E-05	4.56E-06	2.25E-07	8.53E-05	3.0E-08	8.9E-08	5.2E-08	4.7E-08	2.1E-08	1.2E-09	7.1E-09	0.0E+00	0.0E+00	0.0E+00	8.3E-09
2463	UCART2	481109.83	3733602.05	481109.83,	0.02952	0.03394	0.10074	0.82512	0.98466	0.1266	1.26E-05	1.48E-05	4.32E-05	1.33E-05	4.58E-06	2.55E-07	8.88E-05	3.1E-08	9.3E-08	5.4E-08	4.9E-08	2.2E-08	1.2E-09	7.4E-09	0.0E+00	0.0E+00	0.0E+00	8.7E-09
2464	UCART2	481159.83	3733602.05	481159.83,	0.02849	0.03254	0.11431	0.82658	0.98847	0.1453	1.22E-05	1.42E-05	4.90E-05	1.34E-05	4.59E-06	2.93E-07	9.37E-05	3.2E-08	9.8E-08	5.7E-08	5.1E-08	2.3E-08	1.3E-09	7.8E-09	0.0E+00	0.0E+00	0.0E+00	9.1E-09
2465	UCART2	481209.83	3733602.05	481209.83,	0.02752	0.03126	0.13174	0.82798	0.99225	0.16941	1.18E-05	1.37E-05	5.65E-05	1.34E-05	4.61E-06	3.42E-07	1.00E-04	3.5E-08	1.0E-07	6.1E-08	5.5E-08	2.5E-08	1.4E-09	8.4E-09	0.0E+00	0.0E+00	0.0E+00	9.8E-09
2466	UCART2	481259.83	3733602.05	481259.83,	0.02662	0.03007	0.1548	0.82919	0.99597	0.20133	1.14E-05	1.32E-05	6.64E-05	1.34E-05	4.63E-06	4.06E-07	1.09E-04	3.8E-08	1.1E-07	6.6E-08	6.0E-08	2.7E-08	1.5E-09	9.2E-09	0.0E+00	0.0E+00	0.0E+00	1.1E-08
2467	UCART2	481309.83	3733602.05	481309.83,	0.02577	0.02897	0.18642	0.83028	0.99935	0.2449	1.10E-05	1.27E-05	7.99E-05	1.34E-05	4.65E-06	4.94E-07	1.22E-04	4.2E-08	1.3E-07	7.4E-08	6.7E-08	3.1E-08	1.7E-09	1.0E-08	0.0E+00	0.0E+00	0.0E+00	1.2E-08
2468	UCART2	481359.83	3733602.05	481359.83,	0.02497	0.02794	0.23179	0.8312	1.0026	0.30673	1.07E-05	1.22E-05	9.94E-05	1.34E-05	4.66E-06	6.18E-07	1.41E-04	4.9E-08	1.5E-07	8.5E-08	7.7E-08	3.5E-08	1.9E-09	1.2E-08	0.0E+00	0.0E+00	0.0E+00	1.4E-08
2469	UCART2	481409.83	3733602.05	481409.83,	0.02421	0.02698	0.30085	0.83282	1.00646	0.39897	1.04E-05	1.18E-05	1.29E-04	1.35E-05	4.68E-06	8.04E-07	1.70E-04	5.9E-08	1.8E-07	1.0E-07	9.3E-08	4.3E-08	2.3E-09	1.4E-08	0.0E+00	0.0E+00	0.0E+00	1.7E-08
2470	UCART2	481459.83	3733602.05	481459.83,	0.0235	0.02608	0.41432	0.83412	1.01001	0.54547	1.01E-05	1.14E-05	1.78E-04	1.35E-05	4.70E-06

2546	UCART2	482319.55	3733579.77	482319.55,	0.01555	0.01658	1.63733	0.40916	0.49382	0.17689	6.66E-06	7.25E-06	7.02E-04	6.61E-06	2.30E-06	3.57E-07	7.25E-04	2.5E-07	7.6E-07	4.4E-07	4.0E-07	1.8E-07	9.9E-09	6.1E-08	0.0E+00	0.0E+00	0.0E+00	7.1E-08
2547	UCART2	482369.55	3733579.77	482369.55,	0.01527	0.01626	1.07512	0.28116	0.32739	0.14839	6.54E-06	7.11E-06	4.61E-04	4.54E-06	1.52E-06	2.99E-07	4.81E-04	1.7E-07	5.0E-07	2.9E-07	2.6E-07	1.2E-07	6.5E-09	4.0E-08	0.0E+00	0.0E+00	0.0E+00	4.7E-08
2548	UCART2	482269.55	3733629.77	482269.55,	0.01582	0.01692	4.87477	1.1307	1.49103	0.20885	6.78E-06	7.40E-06	2.09E-03	1.83E-05	6.93E-06	4.21E-07	2.13E-03	7.4E-07	2.2E-06	1.3E-06	1.2E-06	5.3E-07	2.9E-08	1.8E-07	0.0E+00	0.0E+00	0.0E+00	2.1E-07
2549	UCART2	482319.55	3733629.77	482319.55,	0.01553	0.01658	3.65894	0.87549	1.13191	0.17264	6.65E-06	7.25E-06	1.57E-03	1.41E-05	5.26E-06	3.48E-07	1.60E-03	5.5E-07	1.7E-06	9.7E-07	8.8E-07	4.0E-07	2.2E-08	1.3E-07	0.0E+00	0.0E+00	0.0E+00	1.6E-07
2550	UCART2	482369.55	3733629.77	482369.55,	0.01525	0.01626	1.61007	0.42128	0.4859	0.14455	6.53E-06	7.11E-06	6.90E-04	6.81E-06	2.26E-06	2.91E-07	7.13E-04	2.5E-07	7.5E-07	4.3E-07	3.9E-07	1.8E-07	9.7E-09	6.0E-08	0.0E+00	0.0E+00	0.0E+00	6.9E-08
2551	CORSICA	479489.57	3733099.47	479489.57,	10.54477	0.57699	0.01928	0.2067	0.07601	0.02073	4.52E-03	2.52E-04	8.27E-06	3.34E-06	3.53E-07	4.18E-08	4.78E-03	1.7E-06	5.0E-06	2.9E-06	2.6E-06	1.2E-06	6.5E-08	4.0E-07	0.0E+00	0.0E+00	0.0E+00	4.7E-07
2552	CORSICA	479519.57	3733099.47	479519.57,	8.88509	0.62083	0.01956	0.2558	0.07965	0.02106	3.81E-03	2.72E-04	8.39E-06	4.13E-06	3.70E-07	4.25E-08	4.09E-03	1.4E-06	4.3E-06	2.5E-06	2.2E-06	1.0E-06	5.6E-08	3.4E-07	0.0E+00	0.0E+00	0.0E+00	4.0E-07
2553	CORSICA	479549.57	3733099.47	479549.57,	8.2406	0.66338	0.01987	0.33224	0.08351	0.0214	3.53E-03	2.90E-04	8.52E-06	5.37E-06	3.88E-07	4.31E-08	3.83E-03	1.3E-06	4.0E-06	2.3E-06	2.1E-06	9.6E-07	5.2E-08	3.2E-07	0.0E+00	0.0E+00	0.0E+00	3.7E-07
2554	CORSICA	479489.57	3733129.47	479489.57,	7.32611	0.6871	0.01935	0.21583	0.08125	0.0208	3.14E-03	3.01E-04	8.30E-06	3.49E-06	3.78E-07	4.19E-08	3.45E-03	1.2E-06	3.6E-06	2.1E-06	1.9E-06	8.6E-07	4.7E-08	2.9E-07	0.0E+00	0.0E+00	0.0E+00	3.4E-07
2555	CORSICA	479519.57	3733129.47	479519.57,	5.17307	0.74512	0.01963	0.26766	0.08552	0.02113	2.22E-03	3.26E-04	8.42E-06	4.32E-06	3.98E-07	4.26E-08	2.55E-03	8.8E-07	2.7E-06	1.5E-06	1.4E-06	6.4E-07	3.5E-08	2.1E-07	0.0E+00	0.0E+00	0.0E+00	2.5E-07
2556	CORSICA	479549.57	3733129.47	479549.57,	4.41591	0.8009	0.01993	0.348	0.09009	0.02147	1.89E-03	3.50E-04	8.55E-06	5.62E-06	4.19E-07	4.33E-08	2.26E-03	7.8E-07	2.4E-06	1.4E-06	1.2E-06	5.6E-07	3.1E-08	1.9E-07	0.0E+00	0.0E+00	0.0E+00	2.2E-07
2557	CORSICA	479489.57	3733159.47	479489.57,	5.6684	0.83224	0.01942	0.22389	0.08732	0.02087	2.43E-03	3.64E-04	8.33E-06	3.62E-06	4.06E-07	4.21E-08	2.80E-03	9.7E-07	2.9E-06	1.7E-06	1.5E-06	7.0E-07	3.8E-08	2.3E-07	0.0E+00	0.0E+00	0.0E+00	2.7E-07
2558	CORSICA	479519.57	3733159.47	479519.57,	3.69047	0.91153	0.01971	0.27799	0.09248	0.0212	1.58E-03	3.99E-04	8.45E-06	4.49E-06	4.30E-07	4.27E-08	1.99E-03	6.9E-07	2.1E-06	1.2E-06	1.1E-06	5.0E-07	2.7E-08	1.7E-07	0.0E+00	0.0E+00	0.0E+00	1.9E-07
2559	CORSICA	479549.57	3733159.47	479549.57,	3.01723	0.98554	0.02	0.36109	0.09796	0.02154	1.29E-03	4.31E-04	8.58E-06	5.83E-06	4.55E-07	4.34E-08	1.74E-03	6.0E-07	1.8E-06	1.1E-06	9.5E-07	4.4E-07	2.4E-08	1.5E-07	0.0E+00	0.0E+00	0.0E+00	1.7E-07

Operational Risk (Unmitigated)

Unmitigated

On-Site	Idle&Equip	Road	S1 Gen	S2 Gen	S3 Gen
1.03E-05	3.49E-03	6.12E-05	1.67E-02	1.67E-02	3.12E-02

				AVERAGE CONC [ug/m^3] at 1 g/s						Concentration (AVERAGE CONC) [ug/m^3]							Residential Dose	Risk by Age Group						
#	Discrete IX	Y	X, Y	Onsite	Idle& Equip	Road	S1 Gen	S2 Gen	S3 Gen	On-Site	Idle&Equip	Road	S1 Gen	S2 Gen	S3 Gen	Unmitigated Total	3rd	0<2	2<9	9<16	16<30	3rd	0<2	2<9	9<16	16<30	Total Risk
1	UCART3	478269.28	3732495.39	478269.28	0.49865	0.51349	0.22512	0.00027	0.00024	5.00E-05	5.14E-06	1.79E-03	1.38E-05	4.50E-06	4.00E-06	1.56E-06	1.82E-03	6.3E-07	1.9E-06	1.1E-06	1.0E-06	4.6E-07	2.5E-08	6.0E-07	3.6E-07	3.3E-07	7.2E-08	1.4E-06
2	UCART3	478319.28	3732495.39	478319.28	0.52363	0.54048	0.23189	0.00029	0.00026	5.00E-05	5.40E-06	1.89E-03	1.42E-05	4.83E-06	4.33E-06	1.56E-06	1.92E-03	6.6E-07	2.0E-06	1.2E-06	1.1E-06	4.8E-07	2.6E-08	6.3E-07	3.8E-07	3.5E-07	7.6E-08	1.5E-06
3	UCART3	478369.28	3732495.39	478369.28	0.55133	0.57015	0.23911	0.00032	0.00027	6.00E-05	5.69E-06	1.99E-03	1.46E-05	5.33E-06	4.50E-06	1.87E-06	2.02E-03	7.0E-07	2.1E-06	1.2E-06	1.1E-06	5.1E-07	2.7E-08	6.6E-07	4.0E-07	3.7E-07	8.0E-08	1.5E-06
4	UCART3	478419.28	3732495.39	478419.28	0.59175	0.61203	0.24956	0.00035	0.00029	6.00E-05	6.10E-06	2.14E-03	1.53E-05	5.83E-06	4.83E-06	1.87E-06	2.17E-03	7.5E-07	2.3E-06	1.3E-06	1.2E-06	5.4E-07	3.0E-08	7.1E-07	4.3E-07	3.9E-07	8.6E-08	1.7E-06
5	UCART3	478469.28	3732495.39	478469.28	0.6387	0.66019	0.26094	0.00039	0.0003	6.00E-05	6.59E-06	2.30E-03	1.60E-05	6.50E-06	5.00E-06	1.87E-06	2.34E-03	8.1E-07	2.4E-06	1.4E-06	1.3E-06	5.9E-07	3.2E-08	7.7E-07	4.7E-07	4.2E-07	9.2E-08	1.8E-06
6	UCART3	478519.28	3732495.39	478519.28	0.67722	0.70093	0.26974	0.00043	0.00032	6.00E-05	6.99E-06	2.45E-03	1.65E-05	7.17E-06	5.33E-06	1.87E-06	2.48E-03	8.6E-07	2.6E-06	1.5E-06	1.4E-06	6.2E-07	3.4E-08	8.2E-07	5.0E-07	4.5E-07	9.8E-08	1.9E-06
7	UCART3	478569.28	3732495.39	478569.28	0.69314	0.7203	0.2725	0.00048	0.00034	6.00E-05	7.15E-06	2.51E-03	1.67E-05	8.00E-06	5.67E-06	1.87E-06	2.55E-03	8.8E-07	2.7E-06	1.5E-06	1.4E-06	6.4E-07	3.5E-08	8.4E-07	5.1E-07	4.6E-07	1.0E-07	1.9E-06
8	UCART3	478619.28	3732495.39	478619.28	0.74871	0.7788	0.28501	0.00053	0.00036	6.00E-05	7.72E-06	2.72E-03	1.75E-05	8.83E-06	6.00E-06	1.87E-06	2.76E-03	9.6E-07	2.9E-06	1.7E-06	1.5E-06	6.9E-07	3.8E-08	9.1E-07	5.5E-07	5.0E-07	1.1E-07	2.1E-06
9	UCART3	478669.28	3732495.39	478669.28	0.77757	0.81177	0.29035	0.0006	0.00037	6.00E-05	8.02E-06	2.83E-03	1.78E-05	1.00E-05	6.17E-06	1.87E-06	2.88E-03	1.0E-06	3.0E-06	1.7E-06	1.6E-06	7.2E-07	3.9E-08	9.4E-07	5.7E-07	5.2E-07	1.1E-07	2.2E-06
10	UCART3	478719.28	3732495.39	478719.28	0.801	0.8397	0.29225	0.00066	0.00039	6.00E-05	8.26E-06	2.93E-03	1.79E-05	1.10E-05	6.50E-06	1.87E-06	2.98E-03	1.0E-06	3.1E-06	1.8E-06	1.6E-06	7.4E-07	4.0E-08	9.8E-07	5.9E-07	5.4E-07	1.2E-07	2.3E-06
11	UCART3	478769.28	3732495.39	478769.28	0.84842	0.8938	0.3018	0.00074	0.00041	7.00E-05	8.75E-06	3.12E-03	1.85E-05	1.23E-05	6.83E-06	2.19E-06	3.17E-03	1.1E-06	3.3E-06	1.9E-06	1.7E-06	7.9E-07	4.3E-08	1.0E-06	6.3E-07	5.7E-07	1.3E-07	2.4E-06
12	UCART3	478819.28	3732495.39	478819.28	0.86138	0.91211	0.29804	0.00081	0.00043	7.00E-05	8.89E-06	3.18E-03	1.83E-05	1.35E-05	7.17E-06	2.19E-06	3.23E-03	1.1E-06	3.4E-06	2.0E-06	1.8E-06	8.1E-07	4.4E-08	1.1E-06	6.5E-07	5.9E-07	1.3E-07	2.5E-06
13	UCART3	478869.28	3732495.39	478869.28	0.92728	0.98638	0.31257	0.0009	0.00046	7.00E-05	9.57E-06	3.44E-03	1.91E-05	1.50E-05	7.67E-06	2.19E-06	3.50E-03	1.2E-06	3.7E-06	2.1E-06	1.9E-06	8.7E-07	4.8E-08	1.1E-06	7.0E-07	6.3E-07	1.4E-07	2.7E-06
14	UCART3	478919.28	3732495.39	478919.28	1.06175	1.13268	0.34599	0.00102	0.00049	7.00E-05	1.10E-05	3.95E-03	2.12E-05	1.70E-05	8.17E-06	2.19E-06	4.01E-03	1.4E-06	4.2E-06	2.4E-06	2.2E-06	1.0E-06	5.5E-08	1.3E-06	8.0E-07	7.3E-07	1.6E-07	3.1E-06
15	UCART3	478969.28	3732495.39	478969.28	1.17911	1.25973	0.3676	0.00114	0.00053	7.00E-05	1.22E-05	4.40E-03	2.25E-05	1.90E-05	8.83E-06	2.19E-06	4.46E-03	1.5E-06	4.7E-06	2.7E-06	2.4E-06	1.1E-06	6.1E-08	1.5E-06	8.9E-07	8.1E-07	1.8E-07	3.4E-06
16	UCART3	479019.28	3732495.39	479019.28	1.25208	1.34267	0.37968	0.00126	0.00057	7.00E-05	1.29E-05	4.69E-03	2.33E-05	2.10E-05	9.50E-06	2.19E-06	4.75E-03	1.6E-06	5.0E-06	2.9E-06	2.6E-06	1.2E-06	6.5E-08	1.6E-06	9.5E-07	8.6E-07	1.9E-07	3.6E-06
17	UCART3	479069.28	3732495.39	479069.28	1.24556	1.34081	0.37339	0.00139	0.00061	8.00E-05	1.28E-05	4.68E-03	2.29E-05	2.32E-05	1.02E-05	2.50E-06	4.75E-03	1.6E-06	5.0E-06	2.9E-06	2.6E-06	1.2E-06	6.5E-08	1.6E-06	9.5E-07	8.6E-07	1.9E-07	3.6E-06
18	UCART3	479119.28	3732495.39	479119.28	1.15703	1.24628	0.34091	0.00153	0.00066	8.00E-05	1.19E-05	4.35E-03	2.09E-05	2.55E-05	1.10E-05	2.50E-06	4.42E-03	1.5E-06	4.6E-06	2.7E-06	2.4E-06	1.1E-06	6.0E-08	1.5E-06	8.8E-07	8.0E-07	1.7E-07	3.4E-06
19	UCART3	479169.28	3732495.39	479169.28	1.16222	1.24679	0.33586	0.00172	0.00073	8.00E-05	1.20E-05	4.35E-03	2.06E-05	2.87E-05	1.22E-05	2.50E-06	4.43E-03	1.5E-06	4.6E-06	2.7E-06	2.4E-06	1.1E-06	6.0E-08	1.5E-06	8.8E-07	8.0E-07	1.7E-07	3.4E-06
20	UCART3	478269.28	3732545.39	478269.28	0.5133	0.5279	0.22952	0.00027	0.00025	5.00E-05	5.29E-06	1.84E-03	1.41E-05	4.50E-06	4.17E-06	1.56E-06	1.87E-03	6.5E-07	2.0E-06	1.1E-06	1.0E-06	4.7E-07	2.5E-08	6.1E-07	3.7E-07	3.4E-07	7.4E-08	1.4E-06
21	UCART3	478319.28	3732545.39	478319.28	0.53523	0.55247	0.23528	0.00029	0.00026	5.00E-05	5.52E-06	1.93E-03	1.44E-05	4.83E-06	4.33E-06	1.56E-06	1.96E-03	6.8E-07	2.0E-06	1.2E-06	1.1E-06	4.9E-07	2.7E-08	6.4E-07	3.9E-07	3.5E-07	7.7E-08	1.5E-06
22	UCART3	478369.28	3732545.39	478369.28	0.56905	0.58873	0.2444	0.00032	0.00028	6.00E-05	5.87E-06	2.05E-03	1.50E-05	5.33E-06	4.67E-06	1.87E-06	2.09E-03	7.2E-07	2.2E-06	1.3E-06	1.1E-06	5.2E-07	2.8E-08	6.9E-07	4.2E-07	3.8E-07	8.2E-08	1.6E-06
23	UCART3	478419.28	3732545.39	478419.28	0.61888	0.64016	0.25704	0.00035	0.0003	6.00E-05	6.38E-06	2.23E-03	1.57E-05	5.83E-06	5.00E-06	1.87E-06	2.27E-03	7.9E-07	2.4E-06	1.4E-06	1.2E-06	5.7E-07	3.1E-08	7.5E-07	4.5E-07	4.1E-07	9.0E-08	1.7E-06
24	UCART3	478469.28	3732545.39	478469.28	0.67638	0.6983	0.27037	0.00039	0.00032	6.00E-05	6.98E-06	2.44E-03	1.66E-05	6.50E-06	5.33E-06	1.87E-06	2.47E-03	8.6E-07	2.6E-06	1.5E-06	1.4E-06	6.2E-07	3.4E-08	8.1E-07	4.9E-07	4.5E-07	9.8E-08	1.9E-06
25	UCART3	478519.28	3732545.39	478519.28	0.73665	0.75896	0.28329	0.00044	0.00034	6.00E-05	7.60E-06	2.65E-03	1.74E-05	7.33E-06	5.67E-06	1.87E-06	2.69E-03	9.3E-07	2.8E-06	1.6E-06	1.5E-06	6.7E-07	3.7E-08	8.8E-07	5.4E-07	4.9E-07	1.1E-07	2.0E-06
26	UCART3	478569.28	3732545.39	478569.28	0.76241	0.79074	0.28921	0.00049	0.00036	6.00E-05	7.86E-06	2.76E-03	1.77E-05	8.17E-06	6.00E-06	1.87E-06	2.80E-03	9.7E-07	2.9E-06	1.7E-06	1.5E-06	7.0E-07	3.8E-08	9.2E-07	5.6E-07	5.1E-07	1.1E-07	2.1E-06
27	UCART3	478619.28	3732545.39	478619.28	0.79639	0.82981	0.2962	0.00055	0.00038	6.00E-05	8.21E-06	2.90E-03	1.81E-05	9.17E-06	6.33E-06	1.87E-06	2.94E-03	1.0E-06	3.1E-06	1.8E-06	1.6E-06	7.4E-07	4.0E-08	9.7E-07	5.9E-07	5.3E-07	1.2E-07	2.2E-06
28	UCART3	478669.28	3732545.39	478669.28	0.85915	0.89636	0.30878	0.00062	0.0004	6.00E-05	8.86E-06	3.13E-03	1.89E-05	1.03E-05	6.67E-06	1.87E-06	3.17E-03	1.1E-06	3.3E-06	1.9E-06	1.7E-06	7.9E-07	4.3E-08	1.0E-06	6.3E-07	5.7E-07	1.3E-07	2.4E-06
29	UCART3	478719.28	3732545.39	478719.28	0.90393	0.94743	0.31728	0.0007	0.00043	6.00E-05	9.32E-06	3.31E-03	1.94E-05	1.17E-05	7.17E-06	1.87E-06	3.36E-03	1.2E-06	3.5E-06	2.0E-06	1.8E-06	8.4E-07	4.6E-08	1.1E-06	6.7E-07	6.1E-07	1.3E-07	2.6E-06
30	UCART3	478769.28	3732545.39	478769.28	0.91834	0.96878	0.31857	0.00078	0.00045	7.00E-05	9.47E-06	3.38E-03	1.95E-05	1.30E-05	7.50E-06	2.19E-06	3.43E-03	1.2E-06	3.6E-06	2.1E-06	1.9E-06	8.6E-07	4.7E-08	1.1E-06	6.9E-07	6.2E-07	1.4E-07	2.6E-06
31	UCART3	478819.28	3732545.39	478819.28	0.95225	1.00994	0.32218	0.00087	0.00047	7.00E-05	9.82E-06	3.52E-03	1.97E-05	1.45E-05	7.83E-06	2.19E-06	3.58E-03	1.2E-06	3.7E-06	2.2E-06	2.0E-06	9.0E-07	4.9E-08	1.2E-06	7.1E-07	6.5E-07	1.4E-07	2.7E-06
32	UCART3	478869.28	3732545.39	478869.28	1.00803	1.0752	0.33122	0.00098	0.0005	7.00E-05	1.04E-05	3.75E-03	2.03E-05	1.63E-05	8.33E-06	2.19E-06	3.81E-03	1.3E-06	4.0E-06	2.3E-06	2.1E-06	9.5E-07	5.2E-08	1.3E-06	7.6E-07	6.9E-07	1.5E-07	2.9E-06
33	UCART3	478919.28	3732545.39	478919.28	1.14402	1.22532	0.35978	0.00111	0.00053	7.00E-05	1.18E-05	4.28E-03	2.20E-05	1.85E-05	8.83E-06	2.19E-06	4.34E-03	1.5E-06	4.5E-06	2.6E-06	2.4E-06	1.1E-06	5.9E-08	1.4E-06	8.7E-07	7.9E-07	1.7E-07	3.3E-06
34	UCART3	478969.28	3732545.39	478969.28	1.28357	1.37707	0.38357	0.00126	0.00058	7.00E-05	1.32E-05	4.81E-03	2.35E-05	2.10E-05	9.67E-06	2.19E-06	4.88E-03	1.7E-06	5.1E-06	2.9E-06	2.7E-06	1.2E-06	6.6E-08	1.6E-06	9.7E-07	8.8E-07	1.9E-07	3.7E-06
35	UCART3	479019.28	3732545.39	479019.28	1.38124	1.48828	0.39878	0.00142	0.00062	7.00E-05	1.42E-05	5.19E-03	2.44E-05	2.37E-05	1.03E-05	2.19E-06	5.27E-03	1.8E-06	5.5E-06	3.2E-06	2.9E-06	1.3E-06	7.2E-08	1.7E-06	1.1E-06	9.5E-07	2.1E-07	4.0E-06
36	UCART3	479069.28	3732545.39	479069.28	1.45385	1.57572	0.40927	0.00157	0.00067	8.00E-05	1.50E-05	5.50E-03	2.51E-05	2.62E-05	1.12E-05	2.50E-06	5.58E-03	1.9E-06	5.8E-06	3.4E-06	3.1E-06	1.4E-06	7.6E-08	1.8E-06	1.1E-06	1.0E-06	2.2E-07	4.3E-06
37	UCART3	479119.28	3732545.39	479119.28	1.41692	1.54206	0.39566	0.00175	0.00073	8.00E-05	1.46E-05	5.38E-03	2.42E-05	2.92E-05	1.22E-05	2.50E-06	5.46E-03	1.9E-06	5.7E-06	3.3E-06	3.0E-06	1.4E-06	7.4E-08	1.8E-06	1.1E-06	9.9E-07	2.2E-07	4.2E-06
38	UCART3	479169.28	3732545.39	479169.28	1.43167	1.5642	0.38894	0.00199	0.0008	8.00E-05	1.48E-05	5.46E-03	2.38E-05	3.32E-05	1.33E-05	2.50E-06	5.55E-03	1.9E-06	5.8E-06	3.4E-06	3.0E-06	1.4E-06	7.5E-08	1.8E-06	1.1E-06	1.0E-06	2.2E-07	4.2E-06
39	UCART3	478269.28	3732595.39	478269.28	0.52985	0.54397	0.23433	0.00027	0.00025	5.00E-05	5.47E-06	1.90E-03	1.44E-05	4.50E-06	4.17E-06	1.56E-06	1.93E-03	6.7E-07	2.0E-06	1.2E-06	1.1E-06	4.8E-07	2.6E-08	6.3E-07	3.9E-07	3.5E-07	7.6E-08	1.5E-06
40	UCART3	478319.28	3732595.39	478319.28	0.55712	0.5738	0.24163	0.00029	0.00027	5.00E-05	5.75E-06	2.00E-03	1.48E-05	4.83E-06	4.50E-06	1.56E-06	2.03E-03	7.0E-07	2.1E-06	1.2E-06	1.1E-06	5.1E-07	2.8E-08	6.7E-07	4.1E-07	3.7E-07	8.0E-08	1.6E-06
41	UCART3	478369.28	3732595.39	478369.28	0.60138	0.62024	0.25317	0.00032	0.00029	6.00E-05	6.20E-06	2.16E-03	1.55E-05	5.33E-06	4.83E-06	1.87E-06	2.20E-03	7.6E-07	2.3E-06	1.3E-06	1.2E-06	5.5E-07	3.0E-08	7.2E-07	4.4E-07	4.0E-07	8.7E-08	1.7E-06
42	UCART3	478419.28	3732595.39	478419.28	0.65061	0.67135	0.26509	0.00036	0.00031	6.00E-05	6.71E-06	2.34E-03	1.62E-05	6.00E-06	5.17E-06	1.87E-06	2.38E-03	8.2E-07	2.5E-06	1.4E-06	1.3E-06	6.0E-07	3.2E-08	7.8E-07	4.7E-07	4.3E-07	9.4E-08	1.8E-06
43	UCART3	478469.28	3732595.39	478469.28	0.70648	0.72859	0.27764	0.0004	0.00033	6.00E-05	7.29E-06	2.54E-03	1.70E-05	6.67E-06	5.50E-06	1.87E-06	2.58E-03	8.9E-07	2.7E-06	1.6E-06	1.4E-06	6.5E-07	3.5E-08	8.5E-07	5.2E-07	4.7E-07	1.0E-07	2.0E-06
44	UCART3	478519.28	3732595.39	478519.28	0.78389	0.80401	0.29304	0.00044	0.00036	6.00E-05	8.09E-06	2.81E-03	1.79E-05	7.33E-06	6.00E-06	1.87E-06	2.85E-03	9.9E-07	3.0E-06	1.7E-06	1.6E-06	7.1E-07	3.9E-08	9.4E-07	5.7E-07	5.2E-07	1.1E-07	2.2E-06
45	UCART3	478569.28	3732595.39	478569.28	0.83958	0.86272	0.30425	0.0005	0.00038	6.00E-05	8.66E-06	3.01E-03	1.86E-05	8.33E-06	6.33E-06	1.87E-06	3.05E-03	1.1E-06	3.2E-06	1.8E-06	1.7E-06	7.6E-07	4.2E-08	1.0E-06	6.1E-07	5.5E-07	1.2E-07	2.3E-06
46	UCART3	478619.28	3732595.39	478619.28	0.8516	0.88664	0.30821	0.00056	0.0004	6.00E-05	8.78E-06	3.09E-03	1.89E-05	9.33E-06	6.67E-06	1.87E-06	3.14E-03	1.1E-06	3.3E-06	1.9E-06	1.7E-06	7.9E-07	4.3E-08	1.0E-06	6.3E-07	5.7E-07	1.2E-07	2.4E-06
47	UCART3	478669.28	3732595.39	478669.28	0.91785	0.95745	0.32081	0.00063	0.00043	6.00E-05	9.47E-06	3.34E-03	1.96E-05	1.05E-05	7.17E-06	1.87E-06	3.39E-03	1.2E-06	3.5E-06	2.1E-06	1.9E-06	8.5E-07	4.6E-08	1.1E-06	6.8E-07	6.1E-07	1.3E-07	2.6E-06
48	UCART3	478719.28	3732595.39	478719.28	0.97237	1.01956	0.33092	0.00071	0.00046	6.00E-05	1.00E-05	3.56E-03	2.03E-05	1.18E-05	7.67E-06	1.87E-06	3.61E-03	1.2E-06	3.8E-06	2.2E-06	2.0E-06	9.0E-07	4.9E-08	1.2E-06	7.2E-07	6.5E-07	1.4E-07	2.8E-06
49	UCART3	478769.28	3732595.39	478769.28	0.99291	1.05008	0.33392	0.00081	0.00048	7.00E-05	1.02E-05	3.66E-03	2.05E-05	1.35E-05	8.00E-06	2.19E-06	3.72E-03	1.3E-06	3.9E-06	2.3E-06	2.0E-06	9.3E-07	5.1E-08	1.2E-06	7.4E-07	6.7E-07	1.5E-07	2.8E-06
50	UCART3	478819.28	3732595.39	478819.28	1.0363	1.1019	0.3404	0.00092	0.00051	7.00E-05	1.07E-05	3.85E-03	2.08E-05	1.53E-05	8.50E-06	2.19E-06	3.90E-03	1.4E-06	4.1E-06	2.4E-06	2.1E-06	9.8E-07	5.3E-08	1.3E-06	7.8E-07	7.1E-07	1.5E-07	3.0E-06
51	UCART3	478869.28	3732595.39	478869.28	1.12205	1.19939	0.35522	0.00105	0.00054	7.00E-05	1.16E-05	4.19E-03	2.18E-05	1.75E-05	9.00E-06	2.19E-06	4.25E-03	1.5E-06	4.4E-06	2.6E-06	2.3E-06	1.1E-06	5.8E-08	1.4E-06	8.5E-07	7.7E-07	1.7E-07	3.2E-06
52	UCART3	478919.28	3732595.39	478919.28	1.27527	1.36704	0.38127	0.00121	0.00059	7.00E-05	1.32E-05	4.77E-03	2.34E-05	2.02E-05	9.83E-06	2.19E-06	4.84E-03	1.7E-06	5.1E-06	2.9E-06	2.7E-06	1.2E-06	6.6E-08	1.6E-06	9.7E-07	8.8E-07	1.9E-07	3.7E-06
53	UCART3	478969.28	3732595.39	478969.28	1.39644	1.5037	0.39973	0.00138	0.00063	7.00E-05	1.44E-05	5.25E-03	2.45E-05	2.30E-05	1.05E-05	2.19E-06	5.32E-03	1.8E-06	5.6E-06	3.2E-06	2.9E-06	1.3E-06	7.2E-08	1.7E-06	1.1E-06	9.6E-07	2.1E-07	4.1E-06
54	UCART3	479019.28	3732595.39	479019.28	1.52475	1.64956	0.41824	0.00157	0.00068	7.00E-05	1.57E-05	5.76E-03	2.56E-05	2.62E-05	1.13E-05	2.19E-06	5.84E-03	2.0E-06	6.1E-06	3.5E-06	3.2E-06	1.5E-06	7.9E-08	1.9E-06	1.2E-06	1.1E-06	2.3E-07	4.4E-06
55	UCART3	479069.28	3732595.39	479069.28	1.64594	1.79163	0.43493	0.00178	0.00073	8.00E-05	1.70E-05	6.25E-03	2.66E-05	2.97E-05	1.22E-05	2.50E-06	6.34E-03	2.2E-06	6.6E-06	3.8E-06	3.5E-06	1.6E-06	8.6E-08	2.1E-06	1.3E-06	1.1E-06	2.5E-07	4.8E-06
56	UCART3	479119.28	3732595.39	479119.28	1.74785	1.91754	0.44827	0.002	0.0008	8.00E-05	1.80E-05	6.69E-03	2.75E-05	3.33E-05	1.33E-05	2.50E-06	6.79E-03	2.3E-06	7.1E-06	4.1E-06	3.7E-06	1.7E-06	9.2E-08	2.2E-06	1.4E-06	1.2E-06	2.7E-07	5.2E-06
57	UCART3	479169.28	3732595.39	479169.28	1.83963	2.01963	0.45603	0.00189	0.00078	8.00E-05	1.90E-05	7.08E-03	2.82E-05	3.50E-05	1.48E-05	2.50E-06	7.21E-03	2.5E-06	7.5E-06	4.3E-06	3.9E-06	1.8E-06	9.8E-08	2.4E-06	1.4E-06	1.3E-06	2.8E-07	5.5E-06
58	UCART3	478269.28	3732645.39	478269.28	0.55532	0.56883	0.24163	0.00027	0.00025	5.00E-05	5.73E-06	1.99E-03	1.48E-05	4.50E-06	4.17E-06	1.56E-06	2.02E-03	7.0E-07	2.1E-06	1.2E-06	1.1E-06	5.0E-07	2.7E-08	6.6E-07	4.0E-07	3.6E-07	8.0E-08	1.5E-06
59	UCART3	478319.28	3732645.39	478319.28	0.60478	0.61877	0.25404	0.0003	0.00027	5.00E-05	6.24E-06	2.16E-03	1.56E-05	5.00E-06	4.50E-06	1.56E-06	2.19E-03	7.6E-07	2.3E-06	1.3E-06	1.2E-06	5.5E-07	3.0E-08	7.2E-07	4.4E-07	4.0E-07	8.7E-08	1.7E-06
60	UCART3	478369.28	3732645.39	478369.28	0.6432	0.65951	0.26344	0.00033	0.00029	5.00E-05	6.63E-06	2.30E-03	1.61E-05	5.50E-06	4.83E-06	1.56E-06	2.34E-03	8.1E-07	2.4E-06	1.4E-06	1.3E-06	5.8E-07	3.2E-08	7.7E-07	4.7E-07	4.2E-07	9.2E-08	1.8E-06
61	UCART3	478419.28	3732645.39	478419.28	0.68622	0.70518	0.27352	0.00036	0.00032	6.00E-05	7.08E-06	2.46E-03	1.68E-05	6.00E-06	5.33E-06	1.87E-06	2.50E-03	8.6E-07	2.6E-06	1.5E-06	1.4E-06	6.3E-07	3.4E-08	8.2E-07	5.0E-07	4.5E-07	9.9E-08	1.9E-06
62	UCART3	478469.28	3732645.39	478469.28	0.74097	0.76184	0.28545	0.0004	0.00034	6.00E-05	7.64E-06	2.66E-03	1.75E-05	6.67E-06	5.67E-06	1.87E-06	2.70E-03	9.3E-07	2.8E-06	1.6E-06	1.5E-06	6.8E-07	3.7E-08	8.9E-07	5.4E-07	4.9E-07	1.1E-07	2.1E-06
63	UCART3	478519.28	3732645.39	478519.28	0.8393	0.85778	0.30393	0.00044	0.00037	6.00E-05	8.66E-06	2.99E-03	1.86E-05	7.33E-06	6.17E-06	1.87E-06	3.04E-03	1.1E-06	3.2E-06	1.8E-06	1.7E-06	7.6E-07	4.1E-08	1.0E-06	6.1E-07	5.5E-07	1.2E-07	2.3E-06
64	UCART3	478569.28	3732645.39	478569.28	0.90199	0.92996	0.31698	0.0005	0.0004	6.00E-05	9.30E-06	3.25E-03	1.94E-05	8.33E-06	6.67E-06	1.87E-06	3.29E-03	1.1E-06	3.4E-06	2.0E-06	1.8E-06	8.2E-07	4.5E-08	1.1E-06	6.6E-07	6.0E-07	1.3E-07	2.5E-06
65	UCART3	478619.28	3732645.39	478619.28	0.94285	0.97037	0.32439	0.00056	0.00043	6.00E-05	9.73E-06	3.39E-03	1.99E-05	9.33E-06	7.17E-06	1.87E-06	3.43E-03	1.2E-06	3.6E-06	2.1E-06	1.9E-06	8.6E-07	4.7

132	UCART3	478819.28	3732795.39	478819.28	1.51745	1.64732	0.42514	0.00102	0.00072	7.00E-05	1.57E-05	5.75E-03	2.60E-05	1.70E-05	1.20E-05	2.19E-06	5.82E-03	2.0E-06	6.1E-06	3.5E-06	3.2E-06	1.5E-06	7.9E-08	1.9E-06	1.2E-06	1.1E-06	2.3E-07	4.4E-06
133	UCART3	478869.28	3732795.39	478869.28	1.67997	1.83838	0.44716	0.0012	0.00079	7.00E-05	1.73E-05	6.42E-03	2.74E-05	2.00E-05	1.32E-05	2.19E-06	6.50E-03	2.2E-06	6.8E-06	3.9E-06	3.6E-06	1.6E-06	8.8E-08	2.1E-06	1.3E-06	1.2E-06	2.6E-07	5.0E-06
134	UCART3	478919.28	3732795.39	478919.28	1.84875	2.04575	0.46741	0.00141	0.00086	7.00E-05	1.91E-05	7.14E-03	2.86E-05	2.35E-05	1.43E-05	2.19E-06	7.23E-03	2.5E-06	7.6E-06	4.4E-06	4.0E-06	1.8E-06	9.8E-08	2.4E-06	1.4E-06	1.3E-06	2.9E-07	5.5E-06
135	UCART3	478969.28	3732795.39	478969.28	2.0435	2.28566	0.48854	0.00169	0.00093	7.00E-05	2.11E-05	7.98E-03	2.99E-05	2.82E-05	1.55E-05	2.19E-06	8.07E-03	2.8E-06	8.4E-06	4.9E-06	4.4E-06	2.0E-06	1.1E-07	2.7E-06	1.6E-06	1.5E-06	3.2E-07	6.2E-06
136	UCART3	479019.28	3732795.39	479019.28	2.27325	2.56677	0.51111	0.00202	0.00101	7.00E-05	2.34E-05	8.96E-03	3.13E-05	3.37E-05	1.68E-05	2.19E-06	9.06E-03	3.1E-06	9.5E-06	5.5E-06	5.0E-06	2.3E-06	1.2E-07	3.0E-06	1.8E-06	1.6E-06	3.6E-07	6.9E-06
137	UCART3	479069.28	3732795.39	479069.28	2.54588	2.89582	0.53531	0.00243	0.00109	8.00E-05	2.63E-05	1.01E-02	3.28E-05	4.05E-05	1.82E-05	2.50E-06	1.02E-02	3.5E-06	1.1E-05	6.2E-06	5.6E-06	2.6E-06	1.4E-07	3.4E-06	2.0E-06	1.9E-06	4.0E-07	7.8E-06
138	UCART3	479119.28	3732795.39	479119.28	2.87688	3.3063	0.56269	0.00292	0.00119	8.00E-05	2.97E-05	1.15E-02	3.45E-05	4.87E-05	1.98E-05	2.50E-06	1.17E-02	4.0E-06	1.2E-05	7.1E-06	6.4E-06	2.9E-06	1.6E-07	3.8E-06	2.3E-06	2.1E-06	4.6E-07	8.9E-06
139	UCART3	479169.28	3732795.39	479169.28	3.26816	3.79883	0.59231	0.00353	0.00131	8.00E-05	3.37E-05	1.33E-02	3.63E-05	5.88E-05	2.18E-05	2.50E-06	1.34E-02	4.6E-06	1.4E-05	8.1E-06	7.4E-06	3.4E-06	1.8E-07	4.4E-06	2.7E-06	2.4E-06	5.3E-07	1.0E-05
140	UCART3	479219.28	3732795.39	479219.28	3.75678	4.45286	0.62898	0.0043	0.00148	8.00E-05	3.88E-05	1.55E-02	3.85E-05	7.17E-05	2.47E-05	2.50E-06	1.57E-02	5.4E-06	1.6E-05	9.5E-06	8.6E-06	3.9E-06	2.1E-07	5.2E-06	3.1E-06	2.8E-06	6.2E-07	1.2E-05
141	UCART3	479269.28	3732795.39	479269.28	4.28504	5.13825	0.66308	0.00535	0.00172	8.00E-05	4.42E-05	1.79E-02	4.06E-05	8.93E-05	2.87E-05	2.50E-06	1.81E-02	6.3E-06	1.9E-05	1.1E-05	9.9E-06	4.5E-06	2.5E-07	6.0E-06	3.6E-06	3.3E-06	7.2E-07	1.4E-05
142	UCART3	479269.28	3732845.39	479269.28	0.71045	0.73871	0.28342	0.00029	0.00026	5.00E-05	7.33E-06	2.58E-03	1.74E-05	4.83E-06	4.33E-06	1.56E-06	2.61E-03	9.0E-07	2.7E-06	1.6E-06	1.4E-06	6.5E-07	3.6E-08	8.6E-07	5.2E-07	4.7E-07	1.0E-07	2.0E-06
143	UCART3	478319.28	3732845.39	478319.28	0.74077	0.7601	0.28905	0.00032	0.00028	5.00E-05	7.64E-06	2.65E-03	1.77E-05	5.33E-06	4.67E-06	1.56E-06	2.69E-03	9.3E-07	2.8E-06	1.6E-06	1.5E-06	6.7E-07	3.7E-08	8.8E-07	5.4E-07	4.9E-07	1.1E-07	2.1E-06
144	UCART3	478369.28	3732845.39	478369.28	0.80441	0.84606	0.30587	0.00035	0.00031	5.00E-05	8.30E-06	2.95E-03	1.87E-05	5.83E-06	5.17E-06	1.56E-06	2.99E-03	1.0E-06	3.1E-06	1.8E-06	1.6E-06	7.5E-07	4.1E-08	9.8E-07	6.0E-07	5.4E-07	1.2E-07	2.3E-06
145	UCART3	478419.28	3732845.39	478419.28	0.8596	0.91236	0.31895	0.00038	0.00034	6.00E-05	8.87E-06	3.18E-03	1.95E-05	6.33E-06	5.67E-06	1.87E-06	3.23E-03	1.1E-06	3.4E-06	2.0E-06	1.8E-06	8.1E-07	4.4E-08	1.1E-06	6.4E-07	5.8E-07	1.3E-07	2.5E-06
146	UCART3	478469.28	3732845.39	478469.28	0.92007	0.98263	0.33231	0.00042	0.00037	6.00E-05	9.49E-06	3.43E-03	2.04E-05	7.00E-06	6.17E-06	1.87E-06	3.47E-03	1.2E-06	3.6E-06	2.1E-06	1.9E-06	8.7E-07	4.7E-08	1.1E-06	6.9E-07	6.3E-07	1.4E-07	2.6E-06
147	UCART3	478519.28	3732845.39	478519.28	0.97937	1.03747	0.3421	0.00046	0.00041	6.00E-05	1.01E-05	3.62E-03	2.10E-05	7.67E-06	6.83E-06	1.87E-06	3.67E-03	1.3E-06	3.8E-06	2.2E-06	2.0E-06	9.2E-07	5.0E-08	1.2E-06	7.3E-07	6.6E-07	1.4E-07	2.8E-06
148	UCART3	478569.28	3732845.39	478569.28	1.04508	1.09572	0.35366	0.00052	0.00045	6.00E-05	1.08E-05	3.82E-03	2.17E-05	8.67E-06	7.50E-06	1.87E-06	3.87E-03	1.3E-06	4.0E-06	2.3E-06	2.1E-06	9.7E-07	5.3E-08	1.3E-06	7.7E-07	7.0E-07	1.5E-07	3.0E-06
149	UCART3	478619.28	3732845.39	478619.28	1.12492	1.18553	0.36768	0.00058	0.0005	6.00E-05	1.16E-05	4.14E-03	2.25E-05	9.67E-06	8.33E-06	1.87E-06	4.19E-03	1.5E-06	4.4E-06	2.5E-06	2.3E-06	1.0E-06	5.7E-08	1.4E-06	8.4E-07	7.6E-07	1.7E-07	3.2E-06
150	UCART3	478669.28	3732845.39	478669.28	1.2129	1.28617	0.38204	0.00066	0.00056	6.00E-05	1.25E-05	4.49E-03	2.34E-05	1.10E-05	9.33E-06	1.87E-06	4.55E-03	1.6E-06	4.8E-06	2.8E-06	2.5E-06	1.1E-06	6.2E-08	1.5E-06	9.1E-07	8.2E-07	1.8E-07	3.5E-06
151	UCART3	478719.28	3732845.39	478719.28	1.31799	1.40801	0.39895	0.00075	0.00062	6.00E-05	1.36E-05	4.91E-03	2.44E-05	1.25E-05	1.03E-05	1.87E-06	4.98E-03	1.7E-06	5.2E-06	3.0E-06	2.7E-06	1.2E-06	6.8E-08	1.6E-06	9.9E-07	9.0E-07	2.0E-07	3.8E-06
152	UCART3	478769.28	3732845.39	478769.28	1.46211	1.57608	0.42351	0.00087	0.00069	6.00E-05	1.51E-05	5.50E-03	2.59E-05	1.45E-05	1.15E-05	1.87E-06	5.57E-03	1.9E-06	5.8E-06	3.4E-06	3.1E-06	1.4E-06	7.6E-08	1.8E-06	1.1E-06	1.0E-06	2.2E-07	4.2E-06
153	UCART3	478819.28	3732845.39	478819.28	1.61876	1.78999	0.44706	0.00181	0.00077	7.00E-05	1.67E-05	6.25E-03	2.74E-05	1.68E-05	1.28E-05	2.19E-06	6.32E-03	2.2E-06	6.6E-06	3.8E-06	3.5E-06	1.6E-06	8.6E-08	2.0E-06	1.3E-06	1.1E-06	2.5E-07	4.8E-06
154	UCART3	478869.28	3732845.39	478869.28	1.7875	1.99794	0.46899	0.00119	0.00085	7.00E-05	1.84E-05	6.97E-03	2.87E-05	1.98E-05	1.42E-05	2.19E-06	7.06E-03	2.4E-06	7.4E-06	4.3E-06	3.9E-06	1.8E-06	9.6E-08	2.3E-06	1.4E-06	1.3E-06	2.8E-07	5.4E-06
155	UCART3	478919.28	3732845.39	478919.28	1.96821	2.18656	0.48807	0.00142	0.00094	7.00E-05	2.03E-05	7.63E-03	2.99E-05	2.37E-05	1.57E-05	2.19E-06	7.72E-03	2.7E-06	8.1E-06	4.7E-06	4.2E-06	1.9E-06	1.1E-07	2.5E-06	1.5E-06	1.4E-06	3.0E-07	5.9E-06
156	UCART3	478969.28	3732845.39	478969.28	2.18273	2.45558	0.50878	0.00169	0.00103	7.00E-05	2.25E-05	8.57E-03	3.12E-05	2.82E-05	1.72E-05	2.19E-06	8.67E-03	3.0E-06	9.1E-06	5.2E-06	4.8E-06	2.2E-06	1.2E-07	2.8E-06	1.7E-06	1.6E-06	3.4E-07	6.6E-06
157	UCART3	479019.28	3732845.39	479019.28	2.44529	2.79522	0.53362	0.00205	0.00113	7.00E-05	2.52E-05	9.75E-03	3.27E-05	3.42E-05	1.88E-05	2.19E-06	9.87E-03	3.4E-06	1.0E-05	6.0E-06	5.4E-06	2.5E-06	1.3E-07	3.2E-06	2.0E-06	1.8E-06	3.9E-07	7.5E-06
158	UCART3	479069.28	3732845.39	479069.28	2.7569	3.19704	0.5593	0.00248	0.00122	7.00E-05	2.84E-05	1.12E-02	3.43E-05	4.13E-05	2.03E-05	2.19E-06	1.13E-02	3.9E-06	1.2E-05	6.8E-06	6.2E-06	2.8E-06	1.5E-07	3.7E-06	2.3E-06	2.0E-06	4.5E-07	8.6E-06
159	UCART3	479119.28	3732845.39	479119.28	3.14799	3.69672	0.58829	0.00303	0.00132	8.00E-05	3.25E-05	1.29E-02	3.60E-05	5.05E-05	2.20E-05	2.50E-06	1.30E-02	4.5E-06	1.4E-05	7.9E-06	7.2E-06	3.3E-06	1.8E-07	4.3E-06	2.6E-06	2.4E-06	5.1E-07	9.9E-06
160	UCART3	479169.28	3732845.39	479169.28	3.69401	4.44867	0.62893	0.00371	0.00146	8.00E-05	3.81E-05	1.55E-02	3.85E-05	6.18E-05	2.43E-05	2.50E-06	1.57E-02	5.4E-06	1.6E-05	9.5E-06	8.6E-06	3.9E-06	2.1E-07	5.2E-06	3.1E-06	2.8E-06	6.2E-07	1.2E-05
161	UCART3	479219.28	3732845.39	479219.28	4.35887	5.36367	0.67224	0.00462	0.00164	8.00E-05	4.50E-05	1.87E-02	4.12E-05	7.70E-05	2.73E-05	2.50E-06	1.89E-02	6.5E-06	2.0E-05	1.1E-05	1.0E-05	4.7E-06	2.6E-07	6.2E-06	3.8E-06	3.4E-06	7.5E-07	1.4E-05
162	UCART3	479269.28	3732845.39	479269.28	5.10298	6.40801	0.71228	0.00588	0.00191	8.00E-05	5.26E-05	2.24E-02	4.36E-05	9.80E-05	3.18E-05	2.50E-06	2.26E-02	7.8E-06	2.4E-05	1.4E-05	1.2E-05	5.7E-06	3.1E-07	7.4E-06	4.5E-06	4.1E-06	8.9E-07	1.7E-05
163	UCART3	478269.28	3732995.39	478269.28	0.75789	0.79904	0.32212	0.00031	0.00027	5.00E-05	7.82E-06	2.79E-03	1.97E-05	5.17E-06	4.50E-06	1.56E-06	2.83E-03	9.8E-07	3.0E-06	1.7E-06	1.6E-06	7.1E-07	3.8E-08	9.3E-07	5.6E-07	5.1E-07	1.1E-07	2.2E-06
164	UCART3	478319.28	3732995.39	478319.28	0.80163	0.843	0.32636	0.00034	0.00029	5.00E-05	8.27E-06	2.94E-03	2.00E-05	5.67E-06	4.83E-06	1.56E-06	2.98E-03	1.0E-06	3.1E-06	1.8E-06	1.6E-06	7.5E-07	4.1E-08	9.8E-07	6.0E-07	5.4E-07	1.2E-07	2.3E-06
165	UCART3	478369.28	3732995.39	478369.28	0.85448	0.90119	0.33862	0.00037	0.00031	6.00E-05	8.81E-06	3.15E-03	2.07E-05	6.17E-06	5.17E-06	1.87E-06	3.19E-03	1.1E-06	3.3E-06	1.9E-06	1.7E-06	8.0E-07	4.3E-08	1.0E-06	6.4E-07	5.8E-07	1.3E-07	2.4E-06
166	UCART3	478419.28	3732995.39	478419.28	0.91221	0.96717	0.34987	0.0004	0.00034	6.00E-05	9.41E-06	3.38E-03	2.14E-05	6.67E-06	5.67E-06	1.87E-06	3.42E-03	1.2E-06	3.6E-06	2.1E-06	1.9E-06	8.6E-07	4.7E-08	1.1E-06	6.8E-07	6.2E-07	1.4E-07	2.6E-06
167	UCART3	478469.28	3732995.39	478469.28	0.97409	1.03931	0.36113	0.00044	0.00037	6.00E-05	1.00E-05	3.63E-03	2.21E-05	7.33E-06	6.17E-06	1.87E-06	3.67E-03	1.3E-06	3.8E-06	2.2E-06	2.0E-06	9.2E-07	5.0E-08	1.2E-06	7.3E-07	6.7E-07	1.5E-07	2.8E-06
168	UCART3	478519.28	3732995.39	478519.28	1.04356	1.11973	0.37325	0.0005	0.00041	6.00E-05	1.08E-05	3.91E-03	2.29E-05	8.33E-06	6.83E-06	1.87E-06	3.96E-03	1.4E-06	4.1E-06	2.4E-06	2.2E-06	9.9E-07	5.4E-08	1.3E-06	7.9E-07	7.2E-07	1.6E-07	3.0E-06
169	UCART3	478569.28	3732995.39	478569.28	1.12645	1.2155	0.38939	0.00055	0.00046	6.00E-05	1.16E-05	4.24E-03	2.38E-05	9.17E-06	7.67E-06	1.87E-06	4.30E-03	1.5E-06	4.5E-06	2.6E-06	2.4E-06	1.1E-06	5.8E-08	1.4E-06	8.6E-07	7.8E-07	1.7E-07	3.3E-06
170	UCART3	478619.28	3732995.39	478619.28	1.22515	1.32967	0.41003	0.00063	0.00051	6.00E-05	1.26E-05	4.64E-03	2.51E-05	1.05E-05	8.50E-06	1.87E-06	4.70E-03	1.6E-06	4.9E-06	2.8E-06	2.6E-06	1.2E-06	6.4E-08	1.5E-06	9.4E-07	8.5E-07	1.9E-07	3.6E-06
171	UCART3	478669.28	3732995.39	478669.28	1.34037	1.46386	0.43373	0.00071	0.00058	6.00E-05	1.38E-05	5.11E-03	2.66E-05	1.18E-05	9.67E-06	1.87E-06	5.17E-03	1.8E-06	5.4E-06	3.1E-06	2.8E-06	1.3E-06	7.0E-08	1.7E-06	1.0E-06	9.4E-07	2.0E-07	3.9E-06
172	UCART3	478719.28	3732995.39	478719.28	1.4737	1.61931	0.46022	0.00081	0.00067	6.00E-05	1.52E-05	5.65E-03	2.82E-05	1.35E-05	1.12E-05	1.87E-06	5.72E-03	2.0E-06	6.0E-06	3.5E-06	3.1E-06	1.4E-06	7.8E-08	1.9E-06	1.1E-06	1.0E-06	2.3E-07	4.4E-06
173	UCART3	478969.28	3732995.39	478969.28	2.56546	3.00962	0.6017	0.00179	0.00134	7.00E-05	2.65E-05	1.05E-02	3.69E-05	2.98E-05	2.23E-05	2.19E-06	1.06E-02	3.7E-06	1.1E-05	6.4E-06	5.8E-06	2.7E-06	1.4E-07	3.5E-06	2.1E-06	1.9E-06	4.2E-07	8.1E-06
174	UCART3	479019.28	3732995.39	479019.28	2.94872	3.53429	0.63778	0.00215	0.00152	7.00E-05	3.04E-05	1.23E-02	3.91E-05	3.58E-05	2.53E-05	2.19E-06	1.25E-02	4.3E-06	1.3E-05	7.5E-06	6.8E-06	3.1E-06	1.7E-07	4.1E-06	2.5E-06	2.3E-06	4.9E-07	9.5E-06
175	UCART3	479069.28	3732995.39	479069.28	3.43395	4.22566	0.67448	0.00262	0.00171	8.00E-05	3.54E-05	1.47E-02	4.13E-05	4.37E-05	2.85E-05	2.50E-06	1.49E-02	5.2E-06	1.6E-05	9.0E-06	8.2E-06	3.7E-06	2.0E-07	4.9E-06	3.0E-06	2.7E-06	5.9E-07	1.1E-05
176	UCART3	479119.28	3732995.39	479119.28	4.09072	5.19715	0.72378	0.00327	0.00191	8.00E-05	4.22E-05	1.81E-02	4.43E-05	5.45E-05	3.18E-05	2.50E-06	1.83E-02	6.3E-06	1.9E-05	1.1E-05	1.0E-05	4.6E-06	2.5E-07	6.0E-06	3.7E-06	3.3E-06	7.2E-07	1.4E-05
177	UCART3	479169.28	3732995.39	479169.28	4.96521	6.69207	0.78141	0.00409	0.00212	8.00E-05	5.15E-05	2.21E-02	4.74E-05	6.82E-05	3.53E-05	2.50E-06	2.23E-02	8.1E-06	2.4E-05	1.4E-05	1.3E-05	5.8E-06	3.2E-07	7.6E-06	4.7E-06	4.2E-06	9.2E-07	1.8E-05
178	UCART3	479219.28	3732995.39	479219.28	6.29442	8.78021	0.84598	0.00519	0.00234	8.00E-05	6.49E-05	3.06E-02	5.18E-05	8.65E-05	3.90E-05	2.50E-06	3.09E-02	1.1E-05	3.2E-05	1.9E-05	1.7E-05	7.7E-06	4.2E-07	1.0E-05	6.2E-06	5.6E-06	1.2E-06	2.4E-05
179	UCART3	479269.28	3732995.39	479269.28	8.27089	12.38452	0.91486	0.00813	0.00265	8.00E-05	8.53E-05	4.32E-02	5.60E-05	1.35E-04	4.42E-05	2.50E-06	4.35E-02	1.5E-05	4.6E-05	2.6E-05	2.4E-05	1.1E-05	5.9E-07	1.4E-05	8.7E-06	7.9E-06	1.7E-06	3.3E-05
180	UCART3	478269.28	3733045.39	478269.28	0.7709	0.80437	0.32747	0.00031	0.00027	5.00E-05	7.95E-06	2.81E-03	2.01E-05	5.17E-06	4.50E-06	1.56E-06	2.85E-03	9.9E-07	3.0E-06	1.7E-06	1.6E-06	7.1E-07	3.9E-08	9.3E-07	5.7E-07	5.2E-07	1.1E-07	2.2E-06
181	UCART3	478319.28	3733045.39	478319.28	0.81049	0.85046	0.33622	0.00034	0.00029	5.00E-05	8.36E-06	2.97E-03	2.06E-05	5.67E-06	4.83E-06	1.56E-06	3.01E-03	1.0E-06	3.1E-06	1.8E-06	1.7E-06	7.5E-07	4.1E-08	9.9E-07	6.0E-07	5.4E-07	1.2E-07	2.3E-06
182	UCART3	478369.28	3733045.39	478369.28	0.86233	0.90844	0.34551	0.00037	0.00032	6.00E-05	8.90E-06	3.17E-03	2.12E-05	6.17E-06	5.33E-06	1.87E-06	3.21E-03	1.1E-06	3.4E-06	1.9E-06	1.8E-06	8.0E-07	4.4E-08	1.1E-06	6.4E-07	5.8E-07	1.3E-07	2.4E-06
183	UCART3	478419.28	3733045.39	478419.28	0.91986	0.97342	0.35479	0.00041	0.00034	6.00E-05	9.49E-06	3.40E-03	2.17E-05	6.83E-06	5.67E-06	1.87E-06	3.44E-03	1.2E-06	3.6E-06	2.1E-06	1.9E-06	8.6E-07	4.7E-08	1.1E-06	6.9E-07	6.2E-07	1.4E-07	2.6E-06
184	UCART3	478469.28	3733045.39	478469.28	0.98133	1.04534	0.3651	0.00045	0.00037	6.00E-05	1.01E-05	3.65E-03	2.24E-05	7.50E-06	6.17E-06	1.87E-06	3.70E-03	1.3E-06	3.9E-06	2.2E-06	2.0E-06	9.3E-07	5.0E-08	1.2E-06	7.4E-07	6.7E-07	1.5E-07	2.8E-06
185	UCART3	478519.28	3733045.39	478519.28	1.05278	1.12753	0.37812	0.0005	0.00041	6.00E-05	1.09E-05	3.93E-03	2.32E-05	8.33E-06	6.83E-06	1.87E-06	3.99E-03	1.4E-06	4.2E-06	2.4E-06	2.2E-06	1.0E-06	5.4E-08	1.3E-06	8.0E-07	7.2E-07	1.6E-07	3.0E-06
186	UCART3	478569.28	3733045.39	478569.28	1.13787	1.2253	0.39532	0.00056	0.00046	6.00E-05	1.17E-05	4.28E-03	2.42E-05	9.33E-06	7.67E-06	1.87E-06	4.33E-03	1.5E-06	4.5E-06	2.6E-06	2.4E-06	1.1E-06	5.9E-08	1.4E-06	8.6E-07	7.8E-07	1.7E-07	3.3E-06
187	UCART3	478619.28	3733045.39	478619.28	1.23924	1.34193	0.41712	0.00063	0.00051	6.00E-05	1.28E-05	4.68E-03	2.55E-05	1.05E-05	8.50E-06	1.87E-06	4.74E-03	1.6E-06	5.0E-06	2.9E-06	2.6E-06	1.2E-06	6.4E-08	1.6E-06	9.5E-07	8.6E-07	1.9E-07	3.6E-06
188	UCART3	478669.28	3733045.39	478669.28	1.35099	1.48013	0.44368	0.0007	0.00058	6.00E-05	1.40E-05	5.17E-03	2.72E-05	1.13E-05	9.67E-06	1.87E-06	5.23E-03	1.8E-06	5.5E-06	3.2E-06	2.9E-06	1.3E-06	7.1E-08	1.7E-06	1.0E-06	9.5E-07	2.1E-07	4.0E-06
189	UCART3	478719.28	3733045.39	478719.28	1.49506	1.6381	0.47165	0.00081	0.00066	6.00E-05	1.54E-05	5.72E-03	2.89E-05	1.35E-05	1.10E-05	1.87E-06	5.79E-03	2.0E-06	6.0E-06	3.5E-06	3.2E-06	1.4E-06	7.9E-08	1.9E-06	1.2E-06	1.0E-06	2.3E-07	4.4E-06
190	UCART3	478769.28	3733045.39	478769.28	1.6509	1.82453	0.50075	0.00094	0.00077	7.00E-05	1.70E-05	6.37E-03	3.07E-05	1.57E-05	1.28E-05	2.19E-06	6.45E-03	2.2E-06	6.7E-06	3.9E-06	3.5E-06	1.6E-06	8.8E-08	2.1E-06	1.3E-06	1.2E-06	2.5E-07	4.9E-06
191	UCART3	478819.28	3733045.39	478819.28	1.83504	2.04848	0.53288	0.00109	0.00089	7.00E-05	1.89E-05	7.15E-03	3.26E-05	1.82E-05	1.48E-05	2.19E-06	7.24E-03	2.5E-06	7.6E-06	4.4E-06	4.0E-06	1.8E-06	9.8E-08	2.4E-06	1.4E-06	1.3E-06	2.9E-07	5.5E-06
192	UCART3	478869.28	3733045.39	478969.28	2.6338	3.07588	0.62519	0.00179	0.0014	7.00E-05	2.72E-05	1.07E-02	3.83E-05	2.98E-05	2.33E-05	2.19E-06	1.09E-02	3.8E-06	1.1E-05	6.6E-06	6.0E-06	2.7E-06	1.5E-07	3.6E-06	2.2E-06	2.0E-06	4.3E-07	8.3E-06
193	UCART3	479019.28	3733045.39	479019.28	3.03747	3.62672	0.66283	0.00216	0.00163	7.00E-05	3.13E-05	1.27E-02	4.06E-05	3.60E-05	2.72E-05	2.19E-06	1.28E-02	4.4E-06	1.3E-05	7.7E-06	7.0E-06	3.2E-06	1.7E-07	4.2E-06	2.6E-06	2.3E-06	5.1E-07	9.8E-06
194	UCART3	479069.28	3733045.39	479069.28	3.55106	4.35987	0.70266	0.00265	0.00187	8.00E-05	3.66E-05	1.52E-02	4.30E-05	4.42E-05	3.12E-05	2.50E-06	1.54E-02	5.3E-06	1.6E-05	9.3E-06	8.4E-06	3.8E-06	2.1E-07	5.0E-06	3.1E-06	2.8E-06	6.1E-07	1.2E-05
195	UCART3	479119.28	3733045.39	479119.28	4.25224	5.39955	0.75558	0.00325	0.00212	8.00E-05	4.39E-05	1.88E-02	4.63E-05	5.42E-05	3.53E-05	2.50E-06	1.90E-02	6.6E-06	2.0E-05	1.2E-05	1.0E-05	4.8E-06	2.6E-07	6.2E-06	3.8E-06	3.4E-06	7.5E-07	1.5E-05
196	UCART3	479169.28	3733045.39	479169.28	5.23287	6.94396	0.81738	0.00412	0.00238	8.00E-05	5.40E-05	2.42E-02	5.01E-05	6.87E-05	3.97E-05	2.50E-06	2.44E-02	8.5E-06	2.6E-05	1.5E-05	1.3E-05	6.1E-06	3.3E-07	8.0E-06	4.9E-06	4.4E-06	9.7E-07	1.9E-05
197	UCART3	479219.28	3733045.39	479219.28	6.69027	9.42372	0.89147	0.00536	0.00264	8.00E-05	6.90E-05	3.29E-02	5.46E-05	8.93E-05	4.40E-05	2.50E-06	3.31E-02	1.1E-05	3.5E-05	2.0E-05	1.8E-05	8.3E-06	4.5E-07	1.1E-05	6.6E-06	6.0E-06	1.3E-06	2.5E-05
198	UCART3	479269.28	3733045.39	479269.28	9.03116	13.87141	0

274	UCART3	478819.28	3733295.39	478819.28	1.84356	1.97999	0.59505	0.00094	0.00089	7.00E-05	1.90E-05	6.91E-03	3.64E-05	1.57E-05	1.48E-05	2.19E-06	7.00E-03	2.4E-06	7.3E-06	4.2E-06	3.8E-06	1.8E-06	9.5E-08	2.3E-06	1.4E-06	1.3E-06	2.8E-07	5.3E-06
275	UCART3	478869.28	3733295.39	478869.28	2.05429	2.21943	0.6467	0.00109	0.00104	7.00E-05	2.12E-05	7.75E-03	3.96E-05	1.82E-05	1.73E-05	2.19E-06	7.84E-03	2.7E-06	8.2E-06	4.7E-06	4.3E-06	2.0E-06	1.1E-07	2.6E-06	1.6E-06	1.4E-06	3.1E-07	6.0E-06
276	UCART3	478919.28	3733295.39	478919.28	2.3048	2.50583	0.71043	0.00128	0.00123	7.00E-05	2.38E-05	8.74E-03	4.35E-05	2.13E-05	2.05E-05	2.19E-06	8.86E-03	3.1E-06	9.3E-06	5.4E-06	4.9E-06	2.2E-06	1.2E-07	2.9E-06	1.8E-06	1.6E-06	3.5E-07	6.8E-06
277	UCART3	478969.28	3733295.39	478969.28	2.60776	2.85727	0.76223	0.00151	0.00144	8.00E-05	2.69E-05	9.97E-03	4.67E-05	2.52E-05	2.40E-05	2.50E-06	1.01E-02	3.5E-06	1.1E-05	6.1E-06	5.5E-06	2.5E-06	1.4E-07	3.3E-06	2.0E-06	1.8E-06	4.0E-07	7.7E-06
278	UCART3	479019.28	3733295.39	479019.28	2.97735	3.28959	0.82537	0.00184	0.0017	8.00E-05	3.07E-05	1.15E-02	5.06E-05	3.07E-05	2.83E-05	2.50E-06	1.16E-02	4.0E-06	1.2E-05	7.0E-06	6.4E-06	2.9E-06	1.6E-07	3.8E-06	2.3E-06	2.1E-06	4.6E-07	8.9E-06
279	UCART3	479069.28	3733295.39	479069.28	3.43533	3.83099	0.89501	0.00223	0.00202	8.00E-05	3.54E-05	1.34E-02	5.48E-05	3.72E-05	3.37E-05	2.50E-06	1.35E-02	4.7E-06	1.4E-05	8.2E-06	7.4E-06	3.4E-06	1.8E-07	4.4E-06	2.7E-06	2.4E-06	5.3E-07	1.0E-05
280	UCART3	479119.28	3733295.39	479119.28	4.01419	4.52605	0.95681	0.00272	0.00239	8.00E-05	4.14E-05	1.58E-02	5.86E-05	4.53E-05	3.98E-05	2.50E-06	1.60E-02	5.5E-06	1.7E-05	9.7E-06	8.8E-06	4.0E-06	2.2E-07	5.3E-06	3.2E-06	2.9E-06	6.3E-07	1.2E-05
281	UCART3	479169.28	3733295.39	479169.28	4.74709	5.40935	1.0473	0.00333	0.00285	8.00E-05	4.90E-05	1.89E-02	6.41E-05	5.55E-05	4.75E-05	2.50E-06	1.91E-02	6.6E-06	2.0E-05	1.2E-05	1.0E-05	4.8E-06	2.6E-07	6.3E-06	3.8E-06	3.5E-06	7.5E-07	1.5E-05
282	UCART3	479219.28	3733295.39	479219.28	5.68973	6.54761	1.15593	0.00409	0.0034	9.00E-05	5.87E-05	2.28E-02	7.08E-05	6.82E-05	5.67E-05	2.81E-06	2.31E-02	8.0E-06	2.4E-05	1.4E-05	1.3E-05	5.8E-06	3.1E-07	7.6E-06	4.6E-06	4.2E-06	9.1E-07	1.8E-05
283	UCART3	479269.28	3733295.39	479269.28	6.90942	7.99912	1.29313	0.00506	0.00414	9.00E-05	7.13E-05	2.79E-02	7.92E-05	8.43E-05	6.90E-05	2.81E-06	2.82E-02	9.8E-06	2.9E-05	1.7E-05	1.5E-05	7.1E-06	3.8E-07	9.3E-06	5.6E-06	5.1E-06	1.1E-06	2.2E-05
284	UCART3	478819.28	3733345.39	478819.28	1.80541	1.92563	0.59646	0.0009	0.00091	7.00E-05	1.86E-05	6.72E-03	3.65E-05	1.50E-05	1.52E-05	2.19E-06	6.81E-03	2.4E-06	7.1E-06	4.1E-06	3.7E-06	1.7E-06	9.3E-08	2.2E-06	1.4E-06	1.2E-06	2.7E-07	5.2E-06
285	UCART3	478869.28	3733345.39	478869.28	2.01133	2.14959	0.65126	0.00105	0.00106	7.00E-05	2.07E-05	7.50E-03	3.99E-05	1.75E-05	1.77E-05	2.19E-06	7.60E-03	2.6E-06	7.9E-06	4.6E-06	4.2E-06	1.9E-06	1.0E-07	2.5E-06	1.5E-06	1.4E-06	3.0E-07	5.8E-06
286	UCART3	478919.28	3733345.39	478919.28	2.24802	2.41137	0.72948	0.00123	0.00126	8.00E-05	2.32E-05	8.42E-03	4.47E-05	2.05E-05	2.10E-05	2.50E-06	8.53E-03	3.0E-06	8.9E-06	5.2E-06	4.7E-06	2.1E-06	1.2E-07	2.8E-06	1.7E-06	1.5E-06	3.4E-07	6.5E-06
287	UCART3	478969.28	3733345.39	478969.28	2.53301	2.73105	0.78451	0.00146	0.00148	8.00E-05	2.61E-05	9.53E-03	4.80E-05	2.43E-05	2.47E-05	2.50E-06	9.66E-03	3.3E-06	1.0E-05	5.8E-06	5.3E-06	2.4E-06	1.3E-07	3.2E-06	1.9E-06	1.7E-06	3.8E-07	7.4E-06
288	UCART3	479019.28	3733345.39	479019.28	2.8784	3.12002	0.84686	0.00175	0.00175	8.00E-05	2.97E-05	1.09E-02	5.19E-05	2.92E-05	2.92E-05	2.50E-06	1.10E-02	3.8E-06	1.2E-05	6.7E-06	6.1E-06	2.8E-06	1.5E-07	3.6E-06	2.2E-06	2.0E-06	4.4E-07	8.4E-06
289	UCART3	479069.28	3733345.39	479069.28	3.30231	3.59899	0.91669	0.0021	0.00209	8.00E-05	3.41E-05	1.26E-02	5.61E-05	3.50E-05	3.48E-05	2.50E-06	1.27E-02	4.4E-06	1.3E-05	7.7E-06	7.0E-06	3.2E-06	1.7E-07	4.2E-06	2.5E-06	2.3E-06	5.0E-07	9.7E-06
290	UCART3	479119.28	3733345.39	479119.28	3.83129	4.2014	0.975	0.00255	0.00248	8.00E-05	3.95E-05	1.47E-02	5.97E-05	4.25E-05	4.13E-05	2.50E-06	1.48E-02	5.1E-06	1.6E-05	9.0E-06	8.1E-06	3.7E-06	2.0E-07	4.9E-06	3.0E-06	2.7E-06	5.9E-07	1.1E-05
291	UCART3	479169.28	3733345.39	479169.28	4.49009	4.94308	1.06959	0.00306	0.00294	9.00E-05	4.63E-05	1.73E-02	6.55E-05	5.10E-05	4.90E-05	2.81E-06	1.75E-02	6.0E-06	1.8E-05	1.1E-05	9.6E-06	4.4E-06	2.4E-07	5.7E-06	3.5E-06	3.2E-06	6.9E-07	1.3E-05
292	UCART3	479219.28	3733345.39	479219.28	5.3251	5.86704	1.19193	0.00368	0.00351	9.00E-05	5.49E-05	2.05E-02	7.30E-05	6.13E-05	5.85E-05	2.81E-06	2.07E-02	7.2E-06	2.2E-05	1.3E-05	1.1E-05	5.2E-06	2.8E-07	6.8E-06	4.1E-06	3.8E-06	8.2E-07	1.6E-05
293	UCART3	479269.28	3733345.39	479269.28	6.39806	7.01679	1.33741	0.00444	0.00421	9.00E-05	6.60E-05	2.45E-02	8.19E-05	7.40E-05	7.02E-05	2.81E-06	2.48E-02	8.6E-06	2.6E-05	1.5E-05	1.4E-05	6.2E-06	3.4E-07	8.1E-06	4.9E-06	4.5E-06	9.8E-07	1.9E-05
294	UCART3	478819.28	3733395.39	478819.28	1.76928	1.8633	0.63348	0.00086	0.00094	7.00E-05	1.83E-05	6.50E-03	3.88E-05	1.43E-05	1.57E-05	2.19E-06	6.59E-03	2.3E-06	6.9E-06	4.0E-06	3.6E-06	1.6E-06	9.0E-08	2.2E-06	1.3E-06	1.2E-06	2.6E-07	5.0E-06
295	UCART3	478869.28	3733395.39	478869.28	1.95963	2.07034	0.6753	0.00101	0.00109	8.00E-05	2.02E-05	7.23E-03	4.14E-05	1.68E-05	1.82E-05	2.50E-06	7.32E-03	2.5E-06	7.5E-06	4.4E-06	4.0E-06	1.8E-06	1.0E-07	2.4E-06	1.5E-06	1.3E-06	2.9E-07	5.4E-06
296	UCART3	478919.28	3733395.39	478919.28	2.1815	2.31002	0.74357	0.00118	0.00128	8.00E-05	2.25E-05	8.06E-03	4.55E-05	1.97E-05	2.13E-05	2.50E-06	8.17E-03	2.8E-06	8.5E-06	4.9E-06	4.5E-06	2.0E-06	1.1E-07	2.7E-06	1.6E-06	1.5E-06	3.2E-07	6.2E-06
297	UCART3	478969.28	3733395.39	478969.28	2.4477	2.59927	0.79958	0.0014	0.00151	8.00E-05	2.52E-05	9.07E-03	4.90E-05	2.33E-05	2.52E-05	2.50E-06	9.20E-03	3.2E-06	9.6E-06	5.6E-06	5.0E-06	2.3E-06	1.3E-07	3.0E-06	1.8E-06	1.7E-06	3.6E-07	7.0E-06
298	UCART3	479019.28	3733395.39	479019.28	2.76778	2.94669	0.8624	0.00166	0.00179	8.00E-05	2.86E-05	1.03E-02	5.28E-05	2.77E-05	2.98E-05	2.50E-06	1.04E-02	3.6E-06	1.1E-05	6.3E-06	5.7E-06	2.6E-06	1.4E-07	3.4E-06	2.1E-06	1.9E-06	4.1E-07	7.9E-06
299	UCART3	479069.28	3733395.39	479069.28	3.1559	3.36587	0.93738	0.00196	0.00213	8.00E-05	3.26E-05	1.17E-02	5.74E-05	3.27E-05	3.55E-05	2.50E-06	1.19E-02	4.1E-06	1.2E-05	7.2E-06	6.5E-06	3.0E-06	1.6E-07	3.9E-06	2.4E-06	2.2E-06	4.7E-07	9.1E-06
300	UCART3	479119.28	3733395.39	479119.28	3.63764	3.88536	1.01087	0.00234	0.00256	8.00E-05	3.75E-05	1.36E-02	6.19E-05	3.90E-05	4.27E-05	2.50E-06	1.37E-02	4.8E-06	1.4E-05	8.3E-06	7.5E-06	3.4E-06	1.9E-07	4.5E-06	2.7E-06	2.5E-06	5.4E-07	1.0E-05
301	UCART3	479169.28	3733395.39	479169.28	4.23409	4.5159	1.10991	0.00276	0.00305	9.00E-05	4.37E-05	1.58E-02	6.80E-05	4.60E-05	5.08E-05	2.81E-06	1.60E-02	5.5E-06	1.7E-05	9.7E-06	8.8E-06	4.0E-06	2.2E-07	5.2E-06	3.2E-06	2.9E-06	6.3E-07	1.2E-05
302	UCART3	479219.28	3733395.39	479219.28	4.99144	5.29529	1.22849	0.00326	0.00366	9.00E-05	5.15E-05	1.85E-02	7.52E-05	5.43E-05	6.10E-05	2.81E-06	1.87E-02	6.5E-06	2.0E-05	1.1E-05	1.0E-05	4.7E-06	2.5E-07	6.2E-06	3.7E-06	3.4E-06	7.4E-07	1.4E-05
303	UCART3	479269.28	3733395.39	479269.28	5.97525	6.26268	1.38214	0.00388	0.00441	9.00E-05	6.16E-05	2.19E-02	8.47E-05	6.47E-05	7.35E-05	2.81E-06	2.21E-02	7.7E-06	2.3E-05	1.3E-05	1.2E-05	5.5E-06	3.0E-07	7.3E-06	4.4E-06	4.0E-06	8.7E-07	1.7E-05
304	UCART3	478919.28	3733445.39	478919.28	2.1088	2.2056	0.75147	0.00113	0.00124	8.00E-05	2.18E-05	7.70E-03	4.60E-05	1.88E-05	2.07E-05	2.50E-06	7.81E-03	2.7E-06	8.2E-06	4.7E-06	4.3E-06	2.0E-06	1.1E-07	2.6E-06	1.6E-06	1.4E-06	3.1E-07	6.0E-06
305	UCART3	478969.28	3733445.39	478969.28	2.35557	2.46594	0.80907	0.00133	0.00146	8.00E-05	2.43E-05	8.61E-03	4.96E-05	2.22E-05	2.43E-05	2.50E-06	8.73E-03	3.0E-06	9.1E-06	5.3E-06	4.8E-06	2.2E-06	1.2E-07	2.9E-06	1.7E-06	1.6E-06	3.4E-07	6.7E-06
306	UCART3	479019.28	3733445.39	479019.28	2.65	2.77468	0.87514	0.00155	0.00173	8.00E-05	2.73E-05	9.68E-03	5.36E-05	2.58E-05	2.88E-05	2.50E-06	9.82E-03	3.4E-06	1.0E-05	5.9E-06	5.4E-06	2.5E-06	1.3E-07	3.2E-06	2.0E-06	1.8E-06	3.9E-07	7.5E-06
307	UCART3	479069.28	3733445.39	479069.28	3.00466	3.14323	0.95213	0.00182	0.00205	8.00E-05	3.10E-05	1.10E-02	5.83E-05	3.03E-05	3.42E-05	2.50E-06	1.11E-02	3.9E-06	1.2E-05	6.7E-06	6.1E-06	2.8E-06	1.5E-07	3.7E-06	2.2E-06	2.0E-06	4.4E-07	8.5E-06
308	UCART3	479119.28	3733445.39	479119.28	3.44121	3.59177	1.02808	0.00213	0.00247	9.00E-05	3.55E-05	1.25E-02	6.30E-05	3.55E-05	4.12E-05	2.81E-06	1.27E-02	4.4E-06	1.3E-05	7.7E-06	7.0E-06	3.2E-06	1.7E-07	4.2E-06	2.5E-06	2.3E-06	5.0E-07	9.7E-06
309	UCART3	479169.28	3733445.39	479169.28	3.98269	4.13376	1.13309	0.00247	0.00295	9.00E-05	4.11E-05	1.44E-02	6.94E-05	4.12E-05	4.92E-05	2.81E-06	1.46E-02	5.1E-06	1.5E-05	8.9E-06	8.0E-06	3.7E-06	2.0E-07	4.8E-06	2.9E-06	2.6E-06	5.8E-07	1.1E-05
310	UCART3	479219.28	3733445.39	479219.28	4.67335	4.80115	1.25993	0.0029	0.00355	9.00E-05	4.82E-05	1.68E-02	7.72E-05	4.83E-05	5.92E-05	2.81E-06	1.70E-02	5.9E-06	1.8E-05	1.0E-05	9.3E-06	4.3E-06	2.3E-07	5.6E-06	3.4E-06	3.1E-06	6.7E-07	1.3E-05
311	UCART3	479269.28	3733445.39	479269.28	5.58664	5.64	1.42022	0.00342	0.00428	9.00E-05	5.76E-05	1.97E-02	8.70E-05	5.70E-05	7.13E-05	2.81E-06	2.00E-02	6.9E-06	2.1E-05	1.2E-05	1.1E-05	5.0E-06	2.7E-07	6.6E-06	4.0E-06	3.6E-06	7.9E-07	1.5E-05
312	UCART3	478819.28	3733495.39	478919.28	2.0276	2.09624	0.76095	0.00107	0.0012	8.00E-05	2.09E-05	7.32E-03	4.66E-05	1.78E-05	2.00E-05	2.50E-06	7.42E-03	2.6E-06	7.8E-06	4.5E-06	4.1E-06	1.9E-06	1.0E-07	2.4E-06	1.5E-06	1.3E-06	2.9E-07	5.7E-06
313	UCART3	478969.28	3733495.39	478969.28	2.25465	2.32932	0.81913	0.00124	0.0014	8.00E-05	2.33E-05	8.13E-03	5.02E-05	2.07E-05	2.33E-05	2.50E-06	8.25E-03	2.9E-06	8.6E-06	5.0E-06	4.5E-06	2.1E-06	1.1E-07	2.7E-06	1.6E-06	1.5E-06	3.3E-07	6.3E-06
314	UCART3	479019.28	3733495.39	479019.28	2.52374	2.6029	0.88461	0.00143	0.00165	8.00E-05	2.60E-05	9.08E-03	5.42E-05	2.38E-05	2.75E-05	2.50E-06	9.22E-03	3.2E-06	9.6E-06	5.6E-06	5.1E-06	2.3E-06	1.3E-07	3.0E-06	1.8E-06	1.7E-06	3.6E-07	7.0E-06
315	UCART3	479069.28	3733495.39	479069.28	2.84652	2.92661	0.96024	0.00166	0.00195	9.00E-05	2.94E-05	1.02E-02	5.88E-05	2.77E-05	3.25E-05	2.81E-06	1.04E-02	3.6E-06	1.1E-05	6.3E-06	5.7E-06	2.6E-06	1.4E-07	3.4E-06	2.1E-06	1.9E-06	4.1E-07	7.9E-06
316	UCART3	479119.28	3733495.39	479119.28	3.24065	3.31525	1.04094	0.00191	0.00234	9.00E-05	3.34E-05	1.16E-02	6.38E-05	3.18E-05	3.90E-05	2.81E-06	1.17E-02	4.1E-06	1.2E-05	7.1E-06	6.4E-06	2.9E-06	1.6E-07	3.9E-06	2.3E-06	2.1E-06	4.6E-07	8.9E-06
317	UCART3	479169.28	3733495.39	479169.28	3.72896	3.78176	1.14877	0.00222	0.00279	9.00E-05	3.85E-05	1.32E-02	7.04E-05	3.70E-05	4.65E-05	2.81E-06	1.34E-02	4.6E-06	1.4E-05	8.1E-06	7.3E-06	3.4E-06	1.8E-07	4.4E-06	2.7E-06	2.4E-06	5.3E-07	1.0E-05
318	UCART3	479219.28	3733495.39	479219.28	4.35253	4.35411	1.28013	0.00258	0.00335	9.00E-05	4.49E-05	1.52E-02	7.84E-05	4.30E-05	5.58E-05	2.81E-06	1.54E-02	5.3E-06	1.6E-05	9.3E-06	8.5E-06	3.9E-06	2.1E-07	5.1E-06	3.1E-06	2.8E-06	6.1E-07	1.2E-05
319	UCART3	479269.28	3733495.39	479269.28	5.18211	5.0772	1.44439	0.00303	0.00409	9.00E-05	5.35E-05	1.77E-02	8.85E-05	5.05E-05	6.82E-05	2.81E-06	1.80E-02	6.2E-06	1.9E-05	1.1E-05	9.9E-06	4.5E-06	2.4E-07	5.9E-06	3.6E-06	3.3E-06	7.1E-07	1.4E-05
320	UCART3	478869.28	3733545.39	478869.28	1.76028	1.80186	0.71468	0.00088	0.00097	8.00E-05	1.82E-05	6.29E-03	4.38E-05	1.47E-05	1.62E-05	2.50E-06	6.38E-03	2.2E-06	6.7E-06	3.9E-06	3.5E-06	1.6E-06	8.7E-08	2.1E-06	1.3E-06	1.2E-06	2.5E-07	4.9E-06
321	UCART3	478919.28	3733545.39	478919.28	1.94071	1.98487	0.76658	0.001	0.00113	8.00E-05	2.00E-05	6.93E-03	4.69E-05	1.67E-05	1.88E-05	2.50E-06	7.03E-03	2.4E-06	7.3E-06	4.3E-06	3.9E-06	1.8E-06	9.6E-08	2.3E-06	1.4E-06	1.3E-06	2.8E-07	5.4E-06
322	UCART3	478969.28	3733545.39	478969.28	2.14955	2.19445	0.8257	0.00115	0.00131	8.00E-05	2.22E-05	7.66E-03	5.06E-05	1.92E-05	2.18E-05	2.50E-06	7.77E-03	2.7E-06	8.1E-06	4.7E-06	4.3E-06	1.9E-06	1.1E-07	2.6E-06	1.6E-06	1.4E-06	3.1E-07	5.9E-06
323	UCART3	479019.28	3733545.39	479019.28	2.3937	2.436	0.89376	0.00132	0.00154	8.00E-05	2.47E-05	8.50E-03	5.47E-05	2.20E-05	2.57E-05	2.50E-06	8.63E-03	3.0E-06	9.0E-06	5.2E-06	4.7E-06	2.2E-06	1.2E-07	2.8E-06	1.7E-06	1.6E-06	3.4E-07	6.6E-06
324	UCART3	479069.28	3733545.39	479069.28	2.6847	2.7191	0.97019	0.0015	0.00182	9.00E-05	2.77E-05	9.49E-03	5.94E-05	2.50E-05	3.03E-05	2.81E-06	9.63E-03	3.3E-06	1.0E-05	5.8E-06	5.3E-06	2.4E-06	1.3E-07	3.2E-06	1.9E-06	1.7E-06	3.8E-07	7.3E-06
325	UCART3	479119.28	3733545.39	479119.28	3.0377	3.05568	1.05211	0.00172	0.00217	9.00E-05	3.13E-05	1.07E-02	6.44E-05	2.87E-05	3.62E-05	2.81E-06	1.08E-02	3.7E-06	1.1E-05	6.6E-06	5.9E-06	2.7E-06	1.5E-07	3.6E-06	2.2E-06	2.0E-06	4.3E-07	8.3E-06
326	UCART3	479169.28	3733545.39	479169.28	3.47101	3.454	1.16224	0.00199	0.00261	9.00E-05	3.58E-05	1.21E-02	7.12E-05	3.32E-05	4.35E-05	2.81E-06	1.22E-02	4.2E-06	1.3E-05	7.4E-06	6.7E-06	3.1E-06	1.7E-07	4.0E-06	2.4E-06	2.2E-06	4.8E-07	9.3E-06
327	UCART3	479219.28	3733545.39	479219.28	4.0202	3.9383	1.29487	0.0023	0.00317	9.00E-05	4.15E-05	1.37E-02	7.93E-05	3.83E-05	5.28E-05	2.81E-06	1.40E-02	4.8E-06	1.5E-05	8.4E-06	7.7E-06	3.5E-06	1.9E-07	4.6E-06	2.8E-06	2.5E-06	5.5E-07	1.1E-05
328	UCART3	479269.28	3733545.39	479269.28	4.74366	4.54569	1.46109	0.00269	0.00394	0.0001	4.89E-05	1.59E-02	8.95E-05	4.48E-05	6.57E-05	3.12E-06	1.61E-02	5.6E-06	1.7E-05	9.8E-06	8.8E-06	4.0E-06	2.2E-07	5.3E-06	3.2E-06	2.9E-06	6.4E-07	1.2E-05
329	UCART3	478719.28	3733595.39	478719.28	1.31594	1.33983	0.59173	0.00057	0.00063	8.00E-05	1.36E-05	4.68E-03	3.62E-05	9.50E-06	1.05E-05	2.50E-06	4.75E-03	1.6E-06	5.0E-06	2.9E-06	2.6E-06	1.2E-06	6.5E-08	1.6E-06	9.5E-07	8.6E-07	1.9E-07	3.6E-06
330	UCART3	478769.28	3733595.39	478769.28	1.4225	1.447	0.62795	0.0005	0.0007	8.00E-05	1.47E-05	5.05E-03	3.85E-05	1.08E-05	1.17E-05	2.50E-06	5.13E-03	1.8E-06	5.4E-06	3.1E-06	2.8E-06	1.3E-06	7.0E-08	1.7E-06	1.0E-06	9.3E-07	2.0E-07	3.9E-06
331	UCART3	478819.28	3733595.39	478819.28	1.54417	1.56895	0.66831	0.00073	0.00079	8.00E-05	1.59E-05	5.48E-03	4.09E-05	1.22E-05	1.32E-05	2.50E-06	5.56E-03	1.9E-06	5.8E-06	3.4E-06	3.0E-06	1.4E-06	7.6E-08	1.8E-06	1.1E-06	1.0E-06	2.2E-07	4.2E-06
332	UCART3	478869.28	3733595.39	478869.28	1.68446	1.70894	0.71378	0.00082	0.0009	8.00E-05	1.74E-05	5.96E-03	4.37E-05	1.37E-05	1.50E-05	2.50E-06	6.06E-03	2.1E-06	6.3E-06	3.7E-06	3.3E-06	1.5E-06	8.2E-08	2.0E-06	1.2E-06	1.1E-06	2.4E-07	4.6E-06
333	UCART3	478919.28	3733595.39	478919.28	1.85173	1.87574	0.76576	0.00094	0.00104	8.00E-05	1.91E-05	6.55E-03	4.69E-05	1.57E-05	1.73E-05	2.50E-06	6.65E-03	2.3E-06	6.9E-06	4.0E-06	3.6E-06	1.7E-06	9.0E-08	2.2E-06	1.3E-06	1.2E-06	2.6E-07	5.1E-06
334	UCART3	478969.28	3733595.39	478969.28	2.04214	2.06298	0.82468	0.00106	0.00121	8.00E-05	2.11E-05	7.20E-03	5.05E-05	1.77E-05	2.02E-05	2.50E-06	7.31E-03	2.5E-06	7.6E-06	4.4E-06	4.0E-06	1.8E-06	9.9E-08	2.4E-06	1.5E-06	1.3E-06	2.9E-07	5.6E-06
335	UCART3	479019.28	3733595.39	479019.28	2.26222	2.27569	0.89239	0.0012	0.00141	9.00E-05	2.33E-05	7.94E-03	5.47E-05	2.00E-05	2.35E-05	2.81E-06	8.07E-03	2.8E-06	8.4E-06	4.9E-06	4.4E-06	2.0E-06	1.1E-07	2.6E-06	1.6E-06	1.5E-06	3.2E-07	6.1E-06
336	UCART3	479069.28	3733595.39	479069.28	2.52198	2.52188	0.97106	0.00136	0.00168	9.00E-05	2.60E-05	8.80E-03	5.95E-05	2.27E-05	2.80E-05	2.81E-06	8.94E-03	3.1E-06	9.3E-06	5.4E-06	4.9E-06	2.2E-06	1.2E-07	2.9E-06	1.8E-06	1.6E-06	3.5E-07	6.8E-06
337	UCART3	479119.28	3733595.39	479119.28	2.83486	2.81147	1.05361	0.00155	0.00204	9.00E-05	2.92E-05	9.81E-03	6.45E-05	2.58E-05	3.40E-05	2.81E-06	9.97E-03	3.5E-06	1.0E-05	6.0E-06	5.5E-06	2.5E-06	1.4E-07	3.3E-06	2.0E-06	1.8E-06	3.9E-07	7.6E-06
338	UCART3	479169.28	3733595.39	479169.28	3.21325	3.14929	1.16226	0.00178	0.00249	9.00E-05	3.31E-05	1.10E-02	7.12E-05	2.97E-05	4.15E-05	2.81E-06	1.12E-02	3.9E-06	1.2E-05	6.8E-06	6.1E-06	2.8E-06	1.5E-07	3.7E-06	2.2E-06	2.0E-06	4.4E-07	8.5E-06
339	UCART3	479219.28	3733595.39	479219.28	3.68359	3.55176	1.29638	0.00205	0.00306	9.00E-05	3.80E-05	1.24E-02	7.94E-05	3.42E-05	5.10E-05	2.81E-06	1.26E-02	4.4E-06	1.3E-05	7.6E-06	6.9E-06	3.2E-06	1.7E-07	4.1E-06	2.5E-06	2.3E-06	5.0E-07	9.6E-06
340	UCART3	479269.28	3733595.39	479269.28	4.28768	4.04493	1.4595	0.00239	0

416	UCART3	478269.28	3733845.39	478269.28	0.65848	0.65987	0.37647	0.00022	0.00024	7.00E-05	6.79E-06	2.30E-03	2.31E-05	3.67E-06	4.00E-06	2.19E-06	2.34E-03	8.1E-07	2.4E-06	1.4E-06	1.3E-06	5.9E-07	3.2E-08	7.7E-07	4.7E-07	4.2E-07	9.2E-08	1.8E-06
417	UCART3	478319.28	3733845.39	478319.28	0.69244	0.69372	0.39215	0.00024	0.00026	7.00E-05	7.14E-06	2.42E-03	2.40E-05	4.00E-06	4.33E-06	2.19E-06	2.46E-03	8.5E-07	2.6E-06	1.5E-06	1.4E-06	6.2E-07	3.3E-08	8.1E-07	4.9E-07	4.5E-07	9.7E-08	1.9E-06
418	UCART3	478369.28	3733845.39	478369.28	0.72913	0.73022	0.40899	0.00026	0.00028	7.00E-05	7.52E-06	2.55E-03	2.50E-05	4.33E-06	4.67E-06	2.19E-06	2.59E-03	9.0E-07	2.7E-06	1.6E-06	1.4E-06	6.5E-07	3.5E-08	8.5E-07	5.2E-07	4.7E-07	1.0E-07	2.0E-06
419	UCART3	478419.28	3733845.39	478419.28	0.76861	0.76933	0.42712	0.00027	0.0003	7.00E-05	7.93E-06	2.68E-03	2.62E-05	4.50E-06	5.00E-06	2.19E-06	2.73E-03	9.5E-07	2.9E-06	1.7E-06	1.5E-06	6.8E-07	3.7E-08	9.0E-07	5.5E-07	4.9E-07	1.1E-07	2.1E-06
420	UCART3	478469.28	3733845.39	478469.28	0.81123	0.8114	0.44671	0.0003	0.00032	7.00E-05	8.37E-06	2.83E-03	2.74E-05	5.00E-06	5.33E-06	2.19E-06	2.88E-03	1.0E-06	3.0E-06	1.7E-06	1.6E-06	7.2E-07	3.9E-08	9.5E-07	5.8E-07	5.2E-07	1.1E-07	2.2E-06
421	UCART3	478519.28	3733845.39	478519.28	0.85785	0.8573	0.46793	0.00032	0.00035	7.00E-05	8.85E-06	2.99E-03	2.87E-05	5.33E-06	5.83E-06	2.19E-06	3.04E-03	1.1E-06	3.2E-06	1.8E-06	1.7E-06	7.6E-07	4.1E-08	1.0E-06	6.1E-07	5.5E-07	1.2E-07	2.3E-06
422	UCART3	478569.28	3733845.39	478569.28	0.90839	0.90682	0.49098	0.00035	0.00038	7.00E-05	9.37E-06	3.16E-03	3.01E-05	5.83E-06	6.33E-06	2.19E-06	3.22E-03	1.1E-06	3.4E-06	1.9E-06	1.8E-06	8.1E-07	4.4E-08	1.1E-06	6.4E-07	5.8E-07	1.3E-07	2.5E-06
423	UCART3	478619.28	3733845.39	478619.28	0.96351	0.96059	0.5161	0.00038	0.00042	7.00E-05	9.94E-06	3.35E-03	3.16E-05	6.33E-06	7.00E-06	2.19E-06	3.41E-03	1.2E-06	3.6E-06	2.1E-06	1.9E-06	8.5E-07	4.6E-08	1.1E-06	6.8E-07	6.2E-07	1.3E-07	2.6E-06
424	UCART3	478669.28	3733845.39	478669.28	1.02311	1.0183	0.54355	0.00041	0.00047	7.00E-05	1.06E-05	3.55E-03	3.33E-05	6.83E-06	7.83E-06	2.19E-06	3.61E-03	1.3E-06	3.8E-06	2.2E-06	2.0E-06	9.0E-07	4.9E-08	1.2E-06	7.2E-07	6.5E-07	1.4E-07	2.8E-06
425	UCART3	478719.28	3733845.39	478719.28	1.08923	1.08215	0.57371	0.00044	0.00052	8.00E-05	1.12E-05	3.78E-03	3.51E-05	7.33E-06	8.67E-06	2.50E-06	3.84E-03	1.3E-06	4.0E-06	2.3E-06	2.1E-06	9.6E-07	5.2E-08	1.3E-06	7.7E-07	7.0E-07	1.5E-07	2.9E-06
426	UCART3	478769.28	3733845.39	478769.28	1.16117	1.15099	0.60693	0.00048	0.00059	8.00E-05	1.20E-05	4.02E-03	3.72E-05	8.00E-06	9.83E-06	2.50E-06	4.09E-03	1.4E-06	4.3E-06	2.5E-06	2.2E-06	1.0E-06	5.6E-08	1.3E-06	8.2E-07	7.4E-07	1.6E-07	3.1E-06
427	UCART3	478819.28	3733845.39	478819.28	1.24039	1.22621	0.6437	0.00052	0.00067	8.00E-05	1.28E-05	4.28E-03	3.94E-05	8.67E-06	1.12E-05	2.50E-06	4.35E-03	1.5E-06	4.6E-06	2.6E-06	2.4E-06	1.1E-06	5.9E-08	1.4E-06	8.7E-07	7.9E-07	1.7E-07	3.3E-06
428	UCART3	478869.28	3733845.39	478869.28	1.32668	1.30709	0.68455	0.00057	0.00077	8.00E-05	1.37E-05	4.56E-03	4.19E-05	9.50E-06	1.28E-05	2.50E-06	4.64E-03	1.6E-06	4.9E-06	2.8E-06	2.5E-06	1.2E-06	6.3E-08	1.5E-06	9.3E-07	8.4E-07	1.8E-07	3.5E-06
429	UCART3	478919.28	3733845.39	478919.28	1.42353	1.39707	0.73029	0.00062	0.00088	8.00E-05	1.47E-05	4.88E-03	4.47E-05	1.03E-05	1.47E-05	2.50E-06	4.96E-03	1.7E-06	5.2E-06	3.0E-06	2.7E-06	1.2E-06	6.7E-08	1.6E-06	9.9E-07	9.0E-07	2.0E-07	3.8E-06
430	UCART3	478969.28	3733845.39	478969.28	1.5292	1.49338	0.78167	0.00068	0.00101	8.00E-05	1.58E-05	5.21E-03	4.79E-05	1.13E-05	1.68E-05	2.50E-06	5.31E-03	1.8E-06	5.5E-06	3.2E-06	2.9E-06	1.3E-06	7.2E-08	1.7E-06	1.1E-06	9.6E-07	2.1E-07	4.0E-06
431	UCART3	479019.28	3733845.39	479019.28	1.64638	1.59819	0.83983	0.00075	0.00117	9.00E-05	1.70E-05	5.58E-03	5.14E-05	1.25E-05	1.95E-05	2.81E-06	5.68E-03	2.0E-06	5.9E-06	3.4E-06	3.1E-06	1.4E-06	7.7E-08	1.9E-06	1.1E-06	1.0E-06	2.2E-07	4.3E-06
432	UCART3	479069.28	3733845.39	479069.28	1.77573	1.71108	0.90611	0.00084	0.00136	9.00E-05	1.83E-05	5.97E-03	5.55E-05	1.40E-05	2.27E-05	2.81E-06	6.08E-03	2.1E-06	6.4E-06	3.7E-06	3.3E-06	1.5E-06	8.3E-08	2.0E-06	1.2E-06	1.1E-06	2.4E-07	4.6E-06
433	UCART3	479119.28	3733845.39	479119.28	1.91941	1.83314	0.9823	0.00095	0.00159	9.00E-05	1.98E-05	6.40E-03	6.02E-05	1.58E-05	2.65E-05	2.81E-06	6.52E-03	2.3E-06	6.8E-06	3.9E-06	3.6E-06	1.6E-06	8.9E-08	2.1E-06	1.3E-06	1.2E-06	2.6E-07	5.0E-06
434	UCART3	479169.28	3733845.39	479169.28	2.07785	1.96344	1.07064	0.00106	0.00186	9.00E-05	2.14E-05	6.85E-03	6.56E-05	1.77E-05	3.10E-05	2.81E-06	6.99E-03	2.4E-06	7.3E-06	4.2E-06	3.8E-06	1.7E-06	9.5E-08	2.3E-06	1.4E-06	1.3E-06	2.8E-07	5.3E-06
435	UCART3	479219.28	3733845.39	479219.28	2.2513	2.10114	1.17412	0.00118	0.00221	9.00E-05	2.32E-05	7.33E-03	7.19E-05	1.97E-05	3.68E-05	2.81E-06	7.49E-03	2.6E-06	7.8E-06	4.5E-06	4.1E-06	1.9E-06	1.0E-07	2.5E-06	1.5E-06	1.4E-06	3.0E-07	5.7E-06
436	UCART3	479269.28	3733845.39	479269.28	2.43805	2.24407	1.29676	0.00128	0.00265	0.0001	2.51E-05	7.83E-03	7.94E-05	2.13E-05	4.42E-05	3.12E-06	8.00E-03	2.8E-06	8.4E-06	4.8E-06	4.4E-06	2.0E-06	1.1E-07	2.6E-06	1.6E-06	1.4E-06	3.2E-07	6.1E-06
437	UCART3	479319.28	3733845.39	479319.28	0.70904	0.70821	0.40509	0.00037	0.00027	7.00E-05	7.31E-06	2.47E-03	2.49E-05	4.17E-06	4.50E-06	2.19E-06	2.51E-03	8.7E-07	2.6E-06	1.5E-06	1.4E-06	6.3E-07	3.4E-08	8.3E-07	5.0E-07	4.6E-07	9.9E-08	1.9E-06
438	UCART3	478419.28	3733895.39	478419.28	0.7467	0.74537	0.42399	0.00027	0.00029	7.00E-05	7.70E-06	2.60E-03	2.60E-05	4.50E-06	4.83E-06	2.19E-06	2.65E-03	9.2E-07	2.8E-06	1.6E-06	1.5E-06	6.6E-07	3.6E-08	8.7E-07	5.3E-07	4.8E-07	1.0E-07	2.0E-06
439	UCART3	478469.28	3733895.39	478469.28	0.78736	0.78536	0.44325	0.00029	0.00031	7.00E-05	8.12E-06	2.74E-03	2.71E-05	4.83E-06	5.17E-06	2.19E-06	2.79E-03	9.7E-07	2.9E-06	1.7E-06	1.5E-06	7.0E-07	3.8E-08	9.2E-07	5.6E-07	5.0E-07	1.1E-07	2.1E-06
440	UCART3	478519.28	3733895.39	478519.28	0.83099	0.82805	0.46403	0.00031	0.00034	7.00E-05	8.57E-06	2.89E-03	2.84E-05	5.17E-06	5.67E-06	2.19E-06	2.94E-03	1.0E-06	3.1E-06	1.8E-06	1.6E-06	7.4E-07	4.0E-08	9.7E-07	5.9E-07	5.3E-07	1.2E-07	2.2E-06
441	UCART3	478569.28	3733895.39	478569.28	0.878	0.8738	0.48656	0.00033	0.00037	7.00E-05	9.06E-06	3.05E-03	2.98E-05	5.50E-06	6.17E-06	2.19E-06	3.10E-03	1.1E-06	3.2E-06	1.9E-06	1.7E-06	7.8E-07	4.2E-08	1.0E-06	6.2E-07	5.6E-07	1.2E-07	2.4E-06
442	UCART3	478619.28	3733895.39	478619.28	0.9288	0.92297	0.51105	0.00036	0.00041	7.00E-05	9.58E-06	3.22E-03	3.13E-05	6.00E-06	6.83E-06	2.19E-06	3.28E-03	1.1E-06	3.4E-06	2.0E-06	1.8E-06	8.2E-07	4.5E-08	1.1E-06	6.5E-07	5.9E-07	1.3E-07	2.5E-06
443	UCART3	478669.28	3733895.39	478669.28	0.984	0.97611	0.53778	0.00038	0.00046	7.00E-05	1.02E-05	3.41E-03	3.29E-05	6.33E-06	7.67E-06	2.19E-06	3.47E-03	1.2E-06	3.6E-06	2.1E-06	1.9E-06	8.7E-07	4.7E-08	1.1E-06	6.9E-07	6.3E-07	1.4E-07	2.6E-06
444	UCART3	478719.28	3733895.39	478719.28	1.04468	1.03429	0.56708	0.00042	0.00051	8.00E-05	1.08E-05	3.61E-03	3.47E-05	7.00E-06	8.50E-06	2.50E-06	3.67E-03	1.3E-06	3.8E-06	2.2E-06	2.0E-06	9.2E-07	5.0E-08	1.2E-06	7.3E-07	6.6E-07	1.4E-07	2.8E-06
445	UCART3	478769.28	3733895.39	478769.28	1.11016	1.09648	0.59925	0.00045	0.00058	8.00E-05	1.15E-05	3.83E-03	3.67E-05	7.50E-06	9.67E-06	2.50E-06	3.89E-03	1.3E-06	4.1E-06	2.4E-06	2.1E-06	9.7E-07	5.3E-08	1.3E-06	7.8E-07	7.0E-07	1.5E-07	3.0E-06
446	UCART3	478819.28	3733895.39	478819.28	1.18168	1.16382	0.63474	0.00049	0.00065	8.00E-05	1.22E-05	4.06E-03	3.89E-05	8.17E-06	1.08E-05	2.50E-06	4.13E-03	1.4E-06	4.3E-06	2.5E-06	2.3E-06	1.0E-06	5.6E-08	1.4E-06	8.3E-07	7.5E-07	1.6E-07	3.2E-06
447	UCART3	478869.28	3733895.39	478869.28	1.25929	1.23599	0.67405	0.00053	0.00074	8.00E-05	1.30E-05	4.31E-03	4.13E-05	8.83E-06	1.23E-05	2.50E-06	4.39E-03	1.5E-06	4.6E-06	2.7E-06	2.4E-06	1.1E-06	6.0E-08	1.4E-06	8.8E-07	7.9E-07	1.7E-07	3.3E-06
448	UCART3	478919.28	3733895.39	478919.28	1.3455	1.31536	0.71789	0.00058	0.00084	8.00E-05	1.39E-05	4.59E-03	4.40E-05	9.67E-06	1.40E-05	2.50E-06	4.67E-03	1.6E-06	4.9E-06	2.8E-06	2.6E-06	1.2E-06	6.4E-08	1.5E-06	9.3E-07	8.5E-07	1.8E-07	3.6E-06
449	UCART3	478969.28	3733895.39	478969.28	1.43861	1.39944	0.7669	0.00063	0.00095	8.00E-05	1.48E-05	4.88E-03	4.70E-05	1.05E-05	1.58E-05	2.50E-06	4.97E-03	1.7E-06	5.2E-06	3.0E-06	2.7E-06	1.2E-06	6.8E-08	1.6E-06	9.9E-07	9.0E-07	2.0E-07	3.8E-06
450	UCART3	479019.28	3733895.39	479019.28	1.54062	1.48977	0.82207	0.0007	0.00109	8.00E-05	1.59E-05	5.20E-03	5.03E-05	1.17E-05	1.82E-05	2.50E-06	5.30E-03	1.8E-06	5.5E-06	3.2E-06	2.9E-06	1.3E-06	7.2E-08	1.7E-06	1.1E-06	9.6E-07	2.1E-07	4.0E-06
451	UCART3	479069.28	3733895.39	479069.28	1.65206	1.58614	0.88455	0.00078	0.00126	9.00E-05	1.70E-05	5.54E-03	5.42E-05	1.30E-05	2.10E-05	2.81E-06	5.64E-03	2.0E-06	5.9E-06	3.4E-06	3.1E-06	1.4E-06	7.7E-08	1.9E-06	1.1E-06	1.0E-06	2.2E-07	4.3E-06
452	UCART3	479119.28	3733895.39	479119.28	1.77412	1.68892	0.95583	0.00087	0.00146	9.00E-05	1.83E-05	5.89E-03	5.85E-05	1.45E-05	2.43E-05	2.81E-06	6.01E-03	2.1E-06	6.3E-06	3.6E-06	3.3E-06	1.5E-06	8.2E-08	2.0E-06	1.2E-06	1.1E-06	2.4E-07	4.6E-06
453	UCART3	479169.28	3733895.39	479169.28	1.90598	1.79637	1.0377	0.00096	0.00171	9.00E-05	1.97E-05	6.27E-03	6.36E-05	1.60E-05	2.85E-05	2.81E-06	6.40E-03	2.2E-06	6.7E-06	3.9E-06	3.5E-06	1.6E-06	8.7E-08	2.1E-06	1.3E-06	1.2E-06	2.5E-07	4.9E-06
454	UCART3	479219.28	3733895.39	479219.28	2.04739	1.90778	1.13253	0.00106	0.00202	9.00E-05	2.11E-05	6.66E-03	6.94E-05	1.77E-05	3.37E-05	2.81E-06	6.80E-03	2.4E-06	7.1E-06	4.1E-06	3.7E-06	1.7E-06	9.3E-08	2.2E-06	1.4E-06	1.2E-06	2.7E-07	5.2E-06
455	UCART3	479269.28	3733895.39	479269.28	2.19465	2.01949	1.24329	0.00114	0.0024	0.0001	2.26E-05	7.05E-03	7.61E-05	1.90E-05	4.00E-05	3.12E-06	7.21E-03	2.5E-06	7.5E-06	4.4E-06	4.0E-06	1.8E-06	9.8E-08	2.4E-06	1.4E-06	1.3E-06	2.8E-07	5.5E-06
456	UCART3	478569.28	3733945.39	478569.28	0.84688	0.84033	0.48143	0.00032	0.00037	7.00E-05	8.74E-06	2.93E-03	2.95E-05	5.33E-06	6.17E-06	2.19E-06	2.98E-03	1.0E-06	3.1E-06	1.8E-06	1.6E-06	7.5E-07	4.1E-08	9.8E-07	6.0E-07	5.4E-07	1.2E-07	2.3E-06
457	UCART3	478619.28	3733945.39	478619.28	0.89445	0.88621	0.50532	0.00034	0.0004	7.00E-05	9.23E-06	3.09E-03	3.09E-05	5.67E-06	6.67E-06	2.19E-06	3.15E-03	1.1E-06	3.3E-06	1.9E-06	1.7E-06	7.9E-07	4.3E-08	1.0E-06	6.3E-07	5.7E-07	1.2E-07	2.4E-06
458	UCART3	478669.28	3733945.39	478669.28	0.94587	0.93554	0.5313	0.00036	0.00045	7.00E-05	9.76E-06	3.26E-03	3.25E-05	6.00E-06	7.50E-06	2.19E-06	3.32E-03	1.2E-06	3.5E-06	2.0E-06	1.8E-06	8.3E-07	4.5E-08	1.1E-06	6.6E-07	6.0E-07	1.3E-07	2.5E-06
459	UCART3	478719.28	3733945.39	478719.28	1.00102	0.98801	0.55962	0.00039	0.0005	7.00E-05	1.03E-05	3.45E-03	3.43E-05	6.50E-06	8.33E-06	2.19E-06	3.51E-03	1.2E-06	3.7E-06	2.1E-06	1.9E-06	8.8E-07	4.8E-08	1.2E-06	7.0E-07	6.4E-07	1.4E-07	2.7E-06
460	UCART3	478769.28	3733945.39	478769.28	1.06063	1.04427	0.59066	0.00042	0.00056	8.00E-05	1.09E-05	3.64E-03	3.62E-05	7.00E-06	9.33E-06	2.50E-06	3.71E-03	1.3E-06	3.9E-06	2.2E-06	2.0E-06	9.3E-07	5.0E-08	1.2E-06	7.4E-07	6.7E-07	1.5E-07	2.8E-06
461	UCART3	478819.28	3733945.39	478819.28	1.12497	1.10438	0.62477	0.00045	0.00062	8.00E-05	1.16E-05	3.85E-03	3.82E-05	7.50E-06	1.03E-05	2.50E-06	3.92E-03	1.4E-06	4.1E-06	2.4E-06	2.2E-06	9.8E-07	5.3E-08	1.3E-06	7.8E-07	7.1E-07	1.5E-07	3.0E-06
462	UCART3	478869.28	3733945.39	478869.28	1.1951	1.16922	0.66245	0.00049	0.0007	8.00E-05	1.23E-05	4.08E-03	4.06E-05	8.17E-06	1.17E-05	2.50E-06	4.16E-03	1.4E-06	4.3E-06	2.5E-06	2.3E-06	1.0E-06	5.7E-08	1.4E-06	8.3E-07	7.5E-07	1.6E-07	3.2E-06
463	UCART3	478919.28	3733945.39	478919.28	1.27133	1.23878	0.70423	0.00054	0.00079	8.00E-05	1.31E-05	4.32E-03	4.31E-05	9.00E-06	1.32E-05	2.50E-06	4.40E-03	1.5E-06	4.6E-06	2.7E-06	2.4E-06	1.1E-06	6.0E-08	1.4E-06	8.8E-07	8.0E-07	1.7E-07	3.4E-06
464	UCART3	478969.28	3733945.39	478969.28	1.35352	1.31243	0.75074	0.00059	0.00089	8.00E-05	1.40E-05	4.58E-03	4.60E-05	9.83E-06	1.48E-05	2.50E-06	4.67E-03	1.6E-06	4.9E-06	2.8E-06	2.6E-06	1.2E-06	6.3E-08	1.5E-06	9.3E-07	8.4E-07	1.8E-07	3.6E-06
465	UCART3	479019.28	3733945.39	479019.28	1.442	1.39005	0.80275	0.00065	0.00102	8.00E-05	1.49E-05	4.85E-03	4.92E-05	1.08E-05	1.70E-05	2.50E-06	4.95E-03	1.7E-06	5.2E-06	3.0E-06	2.7E-06	1.2E-06	6.7E-08	1.6E-06	9.9E-07	9.0E-07	2.0E-07	3.8E-06
466	UCART3	479069.28	3733945.39	479069.28	1.53795	1.47233	0.86129	0.00071	0.00117	9.00E-05	1.59E-05	5.14E-03	5.28E-05	1.18E-05	1.95E-05	2.81E-06	5.24E-03	1.8E-06	5.5E-06	3.2E-06	2.9E-06	1.3E-06	7.1E-08	1.7E-06	1.0E-06	9.5E-07	2.1E-07	4.0E-06
467	UCART3	479119.28	3733945.39	479119.28	1.6414	1.55868	0.92752	0.00079	0.00134	9.00E-05	1.69E-05	5.44E-03	5.68E-05	1.32E-05	2.23E-05	2.81E-06	5.55E-03	1.9E-06	5.8E-06	3.4E-06	3.0E-06	1.4E-06	7.5E-08	1.8E-06	1.1E-06	1.0E-06	2.2E-07	4.2E-06
468	UCART3	479169.28	3733945.39	479169.28	1.75161	1.64784	1.00288	0.00088	0.00156	9.00E-05	1.81E-05	5.75E-03	6.14E-05	1.47E-05	2.60E-05	2.81E-06	5.87E-03	2.0E-06	6.1E-06	3.6E-06	3.2E-06	1.5E-06	8.0E-08	1.9E-06	1.2E-06	1.1E-06	2.3E-07	4.5E-06
469	UCART3	479219.28	3733945.39	479219.28	1.86696	1.73798	1.08912	0.00095	0.00183	9.00E-05	1.93E-05	6.07E-03	6.67E-05	1.58E-05	3.05E-05	2.81E-06	6.20E-03	2.1E-06	6.5E-06	3.8E-06	3.4E-06	1.6E-06	8.4E-08	2.0E-06	1.2E-06	1.1E-06	2.4E-07	4.7E-06
470	UCART3	479269.28	3733945.39	479269.28	1.98462	1.82672	1.18839	0.00102	0.00216	9.00E-05	2.05E-05	6.37E-03	7.28E-05	1.70E-05	3.60E-05	2.81E-06	6.52E-03	2.3E-06	6.8E-06	3.9E-06	3.6E-06	1.6E-06	8.9E-08	2.1E-06	1.3E-06	1.2E-06	2.6E-07	5.0E-06
471	UCART3	478719.28	3733995.39	478719.28	0.95803	0.94295	0.55139	0.00037	0.00048	7.00E-05	9.88E-06	3.29E-03	3.38E-05	6.17E-06	8.00E-06	2.19E-06	3.35E-03	1.2E-06	3.5E-06	2.0E-06	1.8E-06	8.4E-07	4.6E-08	1.1E-06	6.7E-07	6.1E-07	1.3E-07	2.6E-06
472	UCART3	478769.28	3733995.39	478769.28	1.01261	0.99424	0.58126	0.0004	0.00054	7.00E-05	1.04E-05	3.47E-03	3.56E-05	6.67E-06	9.00E-06	2.19E-06	3.53E-03	1.2E-06	3.7E-06	2.1E-06	1.9E-06	8.8E-07	4.8E-08	1.2E-06	7.1E-07	6.4E-07	1.4E-07	2.7E-06
473	UCART3	478819.28	3733995.39	478819.28	1.07088	1.04838	0.61395	0.00043	0.00059	8.00E-05	1.10E-05	3.66E-03	3.76E-05	7.17E-06	9.83E-06	2.50E-06	3.73E-03	1.3E-06	3.9E-06	2.3E-06	2.0E-06	9.3E-07	5.1E-08	1.2E-06	7.4E-07	6.7E-07	1.5E-07	2.8E-06
474	UCART3	478869.28	3733995.39	478869.28	1.13389	1.1063	0.64991	0.00046	0.00066	8.00E-05	1.17E-05	3.86E-03	3.98E-05	7.67E-06	1.10E-05	2.50E-06	3.93E-03	1.4E-06	4.1E-06	2.4E-06	2.2E-06	9.8E-07	5.3E-08	1.3E-06	7.9E-07	7.1E-07	1.6E-07	3.0E-06
475	UCART3	478919.28	3733995.39	478919.28	1.20126	1.16726	0.68956	0.0005	0.00074	8.00E-05	1.24E-05	4.07E-03	4.22E-05	8.33E-06	1.23E-05	2.50E-06	4.15E-03	1.4E-06	4.3E-06	2.5E-06	2.3E-06	1.0E-06	5.6E-08	1.4E-06	8.3E-07	7.5E-07	1.6E-07	3.2E-06
476	UCART3	478969.28	3733995.39	478969.28	1.27392	1.23199	0.7335	0.00055	0.00084	8.00E-05	1.31E-05	4.30E-03	4.49E-05	9.17E-06	1.40E-05	2.50E-06	4.38E-03	1.5E-06	4.6E-06	2.7E-06	2.4E-06	1.1E-06	6.0E-08	1.4E-06	8.8E-07	7.9E-07	1.7E-07	3.3E-06
477	UCART3	479019.28	3733995.39	479019.28	1.35066	1.29872	0.7823	0.0006	0.00095	8.00E-05	1.39E-05	4.53E-03	4.79E-05	1.00E-05	1.58E-05	2.50E-06	4.62E-03	1.6E-06	4.8E-06	2.8E-06	2.5E-06	1.2E-06	6.3E-08	1.5E-06	9.2E-07	8.4E-07	1.8E-07	3.5E-06
478	UCART3	479069.28	3733995.39	479069.28	1.43373	1.3695	0.83689	0.00066	0.00108	8.00E-05	1.48E-05	4.78E-03	5.13E-05	1.10E-05	1.80E-05	2.50E-06	4.88E-03	1.7E-06	5.1E-06	3.0E-06	2.7E-06	1.2E-06	6.6E-08	1.6E-06	9.7E-07	8.8E-07	1.9E-07	3.7E-06
479	UCART3	479119.28	3733995.39	479119.28	1.52169	1.44236	0.89812	0.00073	0.00123	9.00E-05	1.57E-05	5.03E-03	5.50E-05	1.22E-05	2.05E-05	2.81E-06	5.14E-03	1.8E-06	5.4E-06	3.1E-06	2.8E-06	1.3E-06	7.0E-08	1.7E-06	1.0E-06	9.3E-07	2.0E-07	3.9E-06
480	UCART3	479169.28	3733995.39	479169.28	1.61403	1.51653	0.9671	0.0008	0.00143	9.00E-05	1.66E-05	5.29E-03	5.92E-05	1.33E-05	2.38E-05	2.81E-06	5.41E-03	1.9E-06	5.7E-06	3.3E-06	3.0E-06	1.4E-06	7.4E-08	1.8E-06	1.1E-06	9.8E-07	2.1E-07	4.1E-06
481	UCART3	479219.28	3733995.39	479219.28	1.70917	1.59048	1.04514	0.00086	0.00166	9.00E-05	1.76E-05	5.55E-03	6.40E-05	1.43E-05	2.77E-05	2.81E-06	5.68E-03	2.0E-06	5.9E-06	3.4E-06	3.1E-06	1.4E-06	7.7E-08	1.9E-06	1.1E-06	1.0E-06	2.2E-07	4.3E-06
482	UCART3	479269.28	3733995.39	479269.28	1.80353	1.66118	1.13368

558	UCART4	482161.01	3732099.83	482161.01	0.40615	0.42155	0.53636	9.00E-05	0.00011	0.00105	4.19E-06	1.47E-03	3.28E-05	1.50E-06	1.83E-06	3.28E-05	1.54E-03	5.3E-07	1.6E-06	9.3E-07	8.5E-07	3.9E-07	2.1E-08	5.1E-07	3.1E-07	2.8E-07	6.1E-08	1.2E-06
559	UCART4	482211.01	3732099.83	482211.01	0.39918	0.41518	0.52721	8.00E-05	0.00011	0.00104	4.12E-06	1.45E-03	3.23E-05	1.33E-06	1.83E-06	3.25E-05	1.52E-03	5.3E-07	1.6E-06	9.2E-07	8.3E-07	3.8E-07	2.1E-08	5.0E-07	3.0E-07	2.8E-07	6.0E-08	1.2E-06
560	UCART4	482261.01	3732099.83	482261.01	0.39198	0.40851	0.51782	8.00E-05	0.0001	0.00103	4.04E-06	1.43E-03	3.17E-05	1.33E-06	1.67E-06	3.22E-05	1.50E-03	5.2E-07	1.6E-06	9.1E-07	8.2E-07	3.7E-07	2.0E-08	4.9E-07	3.0E-07	2.7E-07	5.9E-08	1.1E-06
561	UCART4	482311.01	3732099.83	482311.01	0.38453	0.40152	0.50819	8.00E-05	0.0001	0.001	3.97E-06	1.40E-03	3.11E-05	1.33E-06	1.67E-06	3.12E-05	1.47E-03	5.1E-07	1.5E-06	8.9E-07	8.1E-07	3.7E-07	2.0E-08	4.8E-07	2.9E-07	2.7E-07	5.8E-08	1.1E-06
562	UCART4	482361.01	3732099.83	482361.01	0.3768	0.39418	0.49829	8.00E-05	0.0001	0.00097	3.89E-06	1.38E-03	3.05E-05	1.33E-06	1.67E-06	3.03E-05	1.44E-03	5.0E-07	1.5E-06	8.7E-07	7.9E-07	3.6E-07	2.0E-08	4.7E-07	2.9E-07	2.6E-07	5.7E-08	1.1E-06
563	UCART4	482411.01	3732099.83	482411.01	0.36881	0.3865	0.48818	7.00E-05	9.00E-05	0.00093	3.80E-06	1.35E-03	2.99E-05	1.17E-06	1.50E-06	2.91E-05	1.41E-03	4.9E-07	1.5E-06	8.6E-07	7.8E-07	3.5E-07	1.9E-08	4.6E-07	2.8E-07	2.6E-07	5.6E-08	1.1E-06
564	UCART4	481711.01	3732149.83	481711.01	0.47891	0.48767	0.63078	0.00013	0.00018	0.00079	4.94E-06	1.70E-03	3.86E-05	2.17E-06	3.00E-06	2.47E-05	1.78E-03	6.1E-07	1.9E-06	1.1E-06	9.7E-07	4.4E-07	2.4E-08	5.8E-07	3.5E-07	3.2E-07	7.0E-08	1.4E-06
565	UCART4	481761.01	3732149.83	481761.01	0.47235	0.48218	0.62391	0.00012	0.00017	0.00085	4.87E-06	1.68E-03	3.82E-05	2.00E-06	2.83E-06	2.66E-05	1.76E-03	6.1E-07	1.8E-06	1.1E-06	9.6E-07	4.4E-07	2.4E-08	5.8E-07	3.5E-07	3.2E-07	6.9E-08	1.3E-06
566	UCART4	481811.01	3732149.83	481811.01	0.46592	0.47678	0.61671	0.00012	0.00016	0.00091	4.81E-06	1.66E-03	3.78E-05	2.00E-06	2.67E-06	2.84E-05	1.74E-03	6.0E-07	1.8E-06	1.1E-06	9.5E-07	4.4E-07	2.4E-08	5.7E-07	3.5E-07	3.1E-07	6.9E-08	1.3E-06
567	UCART4	481861.01	3732149.83	481861.01	0.45956	0.47141	0.60916	0.00011	0.00015	0.00096	4.74E-06	1.65E-03	3.73E-05	1.83E-06	2.50E-06	3.00E-05	1.72E-03	6.0E-07	1.8E-06	1.0E-06	9.4E-07	4.3E-07	2.3E-08	5.7E-07	3.4E-07	3.1E-07	6.8E-08	1.3E-06
568	UCART4	481911.01	3732149.83	481911.01	0.45321	0.46601	0.60123	0.0001	0.00014	0.00101	4.67E-06	1.63E-03	3.68E-05	1.67E-06	2.33E-06	3.16E-05	1.70E-03	5.9E-07	1.8E-06	1.0E-06	9.3E-07	4.3E-07	2.3E-08	5.6E-07	3.4E-07	3.1E-07	6.7E-08	1.3E-06
569	UCART4	481961.01	3732149.83	481961.01	0.44682	0.46053	0.59291	0.0001	0.00014	0.00105	4.61E-06	1.61E-03	3.63E-05	1.67E-06	2.33E-06	3.28E-05	1.68E-03	5.8E-07	1.8E-06	1.0E-06	9.2E-07	4.2E-07	2.3E-08	5.5E-07	3.4E-07	3.0E-07	6.7E-08	1.3E-06
570	UCART4	482011.01	3732149.83	482011.01	0.44032	0.45489	0.58424	0.0001	0.00013	0.00109	4.54E-06	1.59E-03	3.58E-05	1.67E-06	2.17E-06	3.41E-05	1.67E-03	5.8E-07	1.7E-06	1.0E-06	9.1E-07	4.2E-07	2.3E-08	5.5E-07	3.3E-07	3.0E-07	6.6E-08	1.3E-06
571	UCART4	482061.01	3732149.83	482061.01	0.43366	0.44903	0.57522	9.00E-05	0.00012	0.00111	4.47E-06	1.57E-03	3.52E-05	1.50E-06	2.00E-06	3.47E-05	1.64E-03	5.7E-07	1.7E-06	1.0E-06	9.0E-07	4.1E-07	2.2E-08	5.4E-07	3.3E-07	3.0E-07	6.5E-08	1.3E-06
572	UCART4	482111.01	3732149.83	482111.01	0.4268	0.44292	0.57128	9.00E-05	0.00012	0.00112	4.40E-06	1.55E-03	3.50E-05	1.50E-06	2.00E-06	3.50E-05	1.62E-03	5.6E-07	1.7E-06	9.8E-07	8.9E-07	4.1E-07	2.2E-08	5.3E-07	3.2E-07	2.9E-07	6.4E-08	1.2E-06
573	UCART4	482161.01	3732149.83	482161.01	0.4197	0.43653	0.55638	9.00E-05	0.00011	0.00112	4.33E-06	1.52E-03	3.41E-05	1.50E-06	1.83E-06	3.50E-05	1.60E-03	5.5E-07	1.7E-06	9.7E-07	8.8E-07	4.0E-07	2.2E-08	5.3E-07	3.2E-07	2.9E-07	6.3E-08	1.2E-06
574	UCART4	482211.01	3732149.83	482211.01	0.41234	0.42979	0.54655	8.00E-05	0.00011	0.00111	4.25E-06	1.50E-03	3.35E-05	1.33E-06	1.83E-06	3.47E-05	1.58E-03	5.5E-07	1.6E-06	9.5E-07	8.6E-07	3.9E-07	2.1E-08	5.2E-07	3.1E-07	2.9E-07	6.2E-08	1.2E-06
575	UCART4	482261.01	3732149.83	482261.01	0.40468	0.42269	0.53647	8.00E-05	0.0001	0.00109	4.17E-06	1.48E-03	3.29E-05	1.33E-06	1.67E-06	3.41E-05	1.55E-03	5.4E-07	1.6E-06	9.4E-07	8.5E-07	3.9E-07	2.1E-08	5.1E-07	3.1E-07	2.8E-07	6.1E-08	1.2E-06
576	UCART4	482311.01	3732149.83	482311.01	0.39671	0.4152	0.52611	8.00E-05	0.0001	0.00106	4.09E-06	1.45E-03	3.22E-05	1.33E-06	1.67E-06	3.31E-05	1.52E-03	5.3E-07	1.6E-06	9.2E-07	8.3E-07	3.8E-07	2.1E-08	5.0E-07	3.0E-07	2.8E-07	6.0E-08	1.2E-06
577	UCART4	482361.01	3732149.83	482361.01	0.3884	0.40729	0.51544	7.00E-05	9.00E-05	0.00102	4.01E-06	1.42E-03	3.16E-05	1.17E-06	1.50E-06	3.19E-05	1.49E-03	5.2E-07	1.6E-06	9.0E-07	8.2E-07	3.7E-07	2.0E-08	4.9E-07	3.0E-07	2.7E-07	5.9E-08	1.1E-06
578	UCART4	482411.01	3732149.83	482411.01	0.37979	0.39897	0.50458	7.00E-05	9.00E-05	0.00098	3.92E-06	1.39E-03	3.09E-05	1.17E-06	1.50E-06	3.06E-05	1.46E-03	5.1E-07	1.5E-06	8.8E-07	8.0E-07	3.7E-07	2.0E-08	4.8E-07	2.9E-07	2.6E-07	5.8E-08	1.1E-06
579	UCART4	481711.01	3732199.83	481711.01	0.49494	0.50467	0.65756	0.00013	0.00017	0.00085	5.11E-06	1.76E-03	4.03E-05	2.00E-06	2.83E-06	2.66E-05	1.84E-03	6.4E-07	1.9E-06	1.1E-06	1.0E-06	4.6E-07	2.5E-08	6.0E-07	3.7E-07	3.3E-07	7.3E-08	1.4E-06
580	UCART4	481761.01	3732199.83	481761.01	0.4884	0.49928	0.65021	0.00012	0.00016	0.00091	5.04E-06	1.74E-03	3.98E-05	2.00E-06	2.67E-06	2.84E-05	1.82E-03	6.3E-07	1.9E-06	1.1E-06	1.0E-06	4.6E-07	2.5E-08	6.0E-07	3.6E-07	3.3E-07	7.2E-08	1.4E-06
581	UCART4	481811.01	3732199.83	481811.01	0.48196	0.49395	0.64247	0.00011	0.00015	0.00098	4.97E-06	1.72E-03	3.93E-05	1.83E-06	2.50E-06	3.06E-05	1.80E-03	6.2E-07	1.9E-06	1.1E-06	9.9E-07	4.5E-07	2.5E-08	5.9E-07	3.6E-07	3.3E-07	7.1E-08	1.4E-06
582	UCART4	481861.01	3732199.83	481861.01	0.47556	0.48861	0.63439	0.00011	0.00015	0.00104	4.91E-06	1.71E-03	3.89E-05	1.83E-06	2.50E-06	3.25E-05	1.79E-03	6.2E-07	1.9E-06	1.1E-06	9.8E-07	4.5E-07	2.4E-08	5.9E-07	3.6E-07	3.2E-07	7.0E-08	1.4E-06
583	UCART4	481911.01	3732199.83	481911.01	0.46913	0.48321	0.62581	0.0001	0.00014	0.00109	4.84E-06	1.69E-03	3.83E-05	1.67E-06	2.33E-06	3.41E-05	1.77E-03	6.1E-07	1.8E-06	1.1E-06	9.7E-07	4.4E-07	2.4E-08	5.8E-07	3.5E-07	3.2E-07	7.0E-08	1.3E-06
584	UCART4	481961.01	3732199.83	481961.01	0.4626	0.47765	0.61689	0.0001	0.00013	0.00114	4.77E-06	1.67E-03	3.78E-05	1.67E-06	2.17E-06	3.56E-05	1.75E-03	6.1E-07	1.8E-06	1.1E-06	9.6E-07	4.4E-07	2.4E-08	5.7E-07	3.5E-07	3.2E-07	6.9E-08	1.3E-06
585	UCART4	482011.01	3732199.83	482011.01	0.45591	0.47189	0.60763	9.00E-05	0.00012	0.00117	4.70E-06	1.65E-03	3.72E-05	1.50E-06	2.00E-06	3.66E-05	1.73E-03	6.0E-07	1.8E-06	1.0E-06	9.5E-07	4.3E-07	2.4E-08	5.7E-07	3.5E-07	3.1E-07	6.8E-08	1.3E-06
586	UCART4	482061.01	3732199.83	482061.01	0.449	0.46586	0.598	9.00E-05	0.00012	0.0012	4.63E-06	1.63E-03	3.66E-05	1.50E-06	2.00E-06	3.75E-05	1.71E-03	5.9E-07	1.8E-06	1.0E-06	9.4E-07	4.3E-07	2.3E-08	5.6E-07	3.4E-07	3.1E-07	6.7E-08	1.3E-06
587	UCART4	482111.01	3732199.83	482111.01	0.44182	0.45948	0.5951	9.00E-05	0.00011	0.00121	4.56E-06	1.60E-03	3.64E-05	1.50E-06	1.83E-06	3.78E-05	1.69E-03	5.8E-07	1.8E-06	1.0E-06	9.2E-07	4.2E-07	2.3E-08	5.5E-07	3.4E-07	3.1E-07	6.7E-08	1.3E-06
588	UCART4	482161.01	3732199.83	482161.01	0.43432	0.45272	0.59543	8.00E-05	0.00011	0.0012	4.48E-06	1.58E-03	3.65E-05	1.33E-06	1.83E-06	3.75E-05	1.66E-03	5.8E-07	1.7E-06	1.0E-06	9.1E-07	4.2E-07	2.3E-08	5.5E-07	3.3E-07	3.0E-07	6.6E-08	1.3E-06
589	UCART4	482211.01	3732199.83	482211.01	0.42648	0.44555	0.58869	8.00E-05	0.0001	0.00119	4.40E-06	1.55E-03	3.61E-05	1.33E-06	1.67E-06	3.72E-05	1.64E-03	5.7E-07	1.7E-06	9.9E-07	9.0E-07	4.1E-07	2.2E-08	5.4E-07	3.3E-07	3.0E-07	6.5E-08	1.2E-06
590	UCART4	482261.01	3732199.83	482261.01	0.41829	0.43794	0.57012	8.00E-05	0.0001	0.00116	4.31E-06	1.53E-03	3.49E-05	1.33E-06	1.67E-06	3.62E-05	1.61E-03	5.6E-07	1.7E-06	9.7E-07	8.8E-07	4.0E-07	2.2E-08	5.3E-07	3.2E-07	2.9E-07	6.3E-08	1.2E-06
591	UCART4	482311.01	3732199.83	482311.01	0.40971	0.42986	0.55059	8.00E-05	9.00E-05	0.00112	4.23E-06	1.50E-03	3.37E-05	1.33E-06	1.50E-06	3.50E-05	1.58E-03	5.5E-07	1.6E-06	9.5E-07	8.6E-07	3.9E-07	2.1E-08	5.2E-07	3.1E-07	2.9E-07	6.2E-08	1.2E-06
592	UCART4	482361.01	3732199.83	482361.01	0.40074	0.42128	0.54267	7.00E-05	9.00E-05	0.00108	4.13E-06	1.47E-03	3.32E-05	1.17E-06	1.50E-06	3.37E-05	1.54E-03	5.3E-07	1.6E-06	9.3E-07	8.5E-07	3.9E-07	2.1E-08	5.1E-07	3.1E-07	2.8E-07	6.1E-08	1.2E-06
593	UCART4	482411.01	3732199.83	482411.01	0.39141	0.41223	0.52717	7.00E-05	9.00E-05	0.00103	4.04E-06	1.44E-03	3.23E-05	1.17E-06	1.50E-06	3.22E-05	1.51E-03	5.2E-07	1.6E-06	9.1E-07	8.3E-07	3.8E-07	2.1E-08	5.0E-07	3.0E-07	2.7E-07	6.0E-08	1.2E-06
594	UCART4	481711.01	3732249.83	481711.01	0.51225	0.52306	0.68643	0.00012	0.00017	0.00092	5.28E-06	1.83E-03	4.20E-05	2.00E-06	2.83E-06	2.87E-05	1.91E-03	6.6E-07	2.0E-06	1.2E-06	1.0E-06	4.8E-07	2.6E-08	6.3E-07	3.8E-07	3.5E-07	7.5E-08	1.5E-06
595	UCART4	481761.01	3732249.83	481761.01	0.50577	0.51782	0.6785	0.00011	0.00016	0.00099	5.22E-06	1.81E-03	4.16E-05	1.83E-06	2.67E-06	3.09E-05	1.89E-03	6.5E-07	2.0E-06	1.1E-06	1.0E-06	4.7E-07	2.6E-08	6.2E-07	3.8E-07	3.4E-07	7.5E-08	1.4E-06
596	UCART4	481811.01	3732249.83	481811.01	0.49936	0.5126	0.67158	0.00011	0.00015	0.00106	5.15E-06	1.79E-03	4.11E-05	1.83E-06	2.50E-06	3.31E-05	1.87E-03	6.5E-07	2.0E-06	1.1E-06	1.0E-06	4.7E-07	2.5E-08	6.2E-07	3.7E-07	3.4E-07	7.4E-08	1.4E-06
597	UCART4	481861.01	3732249.83	481861.01	0.49294	0.50733	0.66144	0.0001	0.00014	0.00112	5.08E-06	1.77E-03	4.05E-05	1.67E-06	2.33E-06	3.50E-05	1.86E-03	6.4E-07	1.9E-06	1.1E-06	1.0E-06	4.6E-07	2.5E-08	6.1E-07	3.7E-07	3.4E-07	7.3E-08	1.4E-06
598	UCART4	481911.01	3732249.83	481911.01	0.48642	0.50192	0.67349	0.0001	0.00013	0.00118	5.02E-06	1.75E-03	4.12E-05	1.67E-06	2.17E-06	3.69E-05	1.84E-03	6.4E-07	1.9E-06	1.1E-06	1.0E-06	4.6E-07	2.5E-08	6.0E-07	3.7E-07	3.3E-07	7.3E-08	1.4E-06
599	UCART4	481961.01	3732249.83	481961.01	0.47975	0.4963	0.66878	9.00E-05	0.00013	0.00123	4.95E-06	1.73E-03	4.10E-05	1.50E-06	2.17E-06	3.84E-05	1.82E-03	6.3E-07	1.9E-06	1.1E-06	1.0E-06	4.6E-07	2.5E-08	6.0E-07	3.6E-07	3.3E-07	7.2E-08	1.4E-06
600	UCART4	482011.01	3732249.83	482011.01	0.47285	0.49041	0.65541	9.00E-05	0.00012	0.00127	4.88E-06	1.71E-03	4.01E-05	1.50E-06	2.00E-06	3.97E-05	1.80E-03	6.2E-07	1.9E-06	1.1E-06	9.9E-07	4.5E-07	2.4E-08	5.9E-07	3.6E-07	3.3E-07	7.1E-08	1.4E-06
601	UCART4	482061.01	3732249.83	482061.01	0.46567	0.48417	0.63218	9.00E-05	0.00011	0.00129	4.80E-06	1.69E-03	3.87E-05	1.50E-06	1.83E-06	4.03E-05	1.78E-03	6.2E-07	1.9E-06	1.1E-06	9.7E-07	4.4E-07	2.4E-08	5.8E-07	3.5E-07	3.2E-07	7.0E-08	1.4E-06
602	UCART4	482111.01	3732249.83	482111.01	0.45812	0.47751	0.61764	8.00E-05	0.00011	0.0013	4.73E-06	1.67E-03	3.78E-05	1.33E-06	1.83E-06	4.06E-05	1.75E-03	6.1E-07	1.8E-06	1.1E-06	9.6E-07	4.4E-07	2.4E-08	5.8E-07	3.5E-07	3.2E-07	6.9E-08	1.3E-06
603	UCART4	482161.01	3732249.83	482161.01	0.45015	0.46933	0.60264	8.00E-05	0.0001	0.00129	4.64E-06	1.64E-03	3.74E-05	1.33E-06	1.67E-06	4.03E-05	1.73E-03	6.0E-07	1.8E-06	1.0E-06	9.5E-07	4.3E-07	2.3E-08	5.7E-07	3.4E-07	3.1E-07	6.7E-08	1.3E-06
604	UCART4	482211.01	3732249.83	482211.01	0.44176	0.46265	0.61632	8.00E-05	0.0001	0.00127	4.56E-06	1.61E-03	3.77E-05	1.33E-06	1.67E-06	3.97E-05	1.70E-03	5.9E-07	1.8E-06	1.0E-06	9.3E-07	4.3E-07	2.3E-08	5.6E-07	3.4E-07	3.1E-07	6.7E-08	1.3E-06
605	UCART4	482261.01	3732249.83	482261.01	0.43293	0.45443	0.60158	8.00E-05	9.00E-05	0.00123	4.47E-06	1.59E-03	3.68E-05	1.33E-06	1.50E-06	3.84E-05	1.67E-03	5.8E-07	1.7E-06	1.0E-06	9.2E-07	4.2E-07	2.3E-08	5.5E-07	3.3E-07	3.0E-07	6.6E-08	1.3E-06
606	UCART4	482311.01	3732249.83	482311.01	0.42364	0.44566	0.58285	7.00E-05	9.00E-05	0.00119	4.37E-06	1.56E-03	3.57E-05	1.17E-06	1.50E-06	3.72E-05	1.64E-03	5.7E-07	1.7E-06	9.9E-07	9.0E-07	4.1E-07	2.2E-08	5.4E-07	3.3E-07	3.0E-07	6.5E-08	1.2E-06
607	UCART4	482361.01	3732249.83	482361.01	0.41389	0.43629	0.56911	7.00E-05	9.00E-05	0.00114	4.27E-06	1.52E-03	3.49E-05	1.17E-06	1.50E-06	3.56E-05	1.60E-03	5.5E-07	1.7E-06	9.7E-07	8.8E-07	4.0E-07	2.2E-08	5.3E-07	3.2E-07	2.9E-07	6.3E-08	1.2E-06
608	UCART4	482411.01	3732249.83	482411.01	0.40372	0.42637	0.54992	7.00E-05	8.00E-05	0.00108	4.16E-06	1.49E-03	3.37E-05	1.17E-06	1.33E-06	3.37E-05	1.56E-03	5.4E-07	1.6E-06	9.5E-07	8.6E-07	3.9E-07	2.1E-08	5.1E-07	3.1E-07	2.8E-07	6.2E-08	1.2E-06
609	UCART4	481711.01	3732299.83	481711.01	0.53105	0.54305	0.71756	0.00011	0.00016	0.00099	5.48E-06	1.90E-03	4.39E-05	1.83E-06	2.67E-06	3.09E-05	1.98E-03	6.9E-07	2.1E-06	1.2E-06	1.1E-06	5.0E-07	2.7E-08	6.5E-07	4.0E-07	3.6E-07	7.8E-08	1.5E-06
610	UCART4	481761.01	3732299.83	481761.01	0.52468	0.53802	0.70903	0.00011	0.00015	0.00107	5.41E-06	1.88E-03	4.34E-05	1.83E-06	2.50E-06	3.34E-05	1.96E-03	6.8E-07	2.1E-06	1.2E-06	1.1E-06	4.9E-07	2.7E-08	6.5E-07	3.9E-07	3.6E-07	7.8E-08	1.5E-06
611	UCART4	481811.01	3732299.83	481811.01	0.51833	0.53296	0.70008	0.0001	0.00014	0.00115	5.35E-06	1.86E-03	4.29E-05	1.67E-06	2.33E-06	3.59E-05	1.95E-03	6.7E-07	2.0E-06	1.2E-06	1.1E-06	4.9E-07	2.6E-08	6.4E-07	3.9E-07	3.5E-07	7.7E-08	1.5E-06
612	UCART4	481861.01	3732299.83	481861.01	0.51191	0.5278	0.69071	0.0001	0.00013	0.00123	5.28E-06	1.84E-03	4.23E-05	1.67E-06	2.17E-06	3.84E-05	1.93E-03	6.7E-07	2.0E-06	1.2E-06	1.1E-06	4.8E-07	2.6E-08	6.3E-07	3.9E-07	3.5E-07	7.6E-08	1.5E-06
613	UCART4	481911.01	3732299.83	481911.01	0.50535	0.52244	0.68086	0.0001	0.00013	0.00129	5.21E-06	1.82E-03	4.17E-05	1.67E-06	2.17E-06	4.03E-05	1.91E-03	6.6E-07	2.0E-06	1.2E-06	1.0E-06	4.8E-07	2.6E-08	6.3E-07	3.8E-07	3.5E-07	7.6E-08	1.5E-06
614	UCART4	481961.01	3732299.83	481961.01	0.49855	0.5168	0.67057	9.00E-05	0.00012	0.00135	5.14E-06	1.80E-03	4.11E-05	1.50E-06	2.00E-06	4.22E-05	1.90E-03	6.6E-07	2.0E-06	1.1E-06	1.0E-06	4.7E-07	2.6E-08	6.2E-07	3.8E-07	3.4E-07	7.5E-08	1.4E-06
615	UCART4	482011.01	3732299.83	482011.01	0.49141	0.51076	0.65978	9.00E-05	0.00011	0.00139	5.07E-06	1.78E-03	4.04E-05	1.50E-06	1.83E-06	4.34E-05	1.87E-03	6.5E-07	2.0E-06	1.1E-06	1.0E-06	4.7E-07	2.5E-08	6.2E-07	3.7E-07	3.4E-07	7.4E-08	1.4E-06
616	UCART4	482061.01	3732299.83	482061.01	0.48388	0.50425	0.64851	9.00E-05	0.00011	0.00141	4.99E-06	1.76E-03	3.97E-05	1.50E-06	1.83E-06	4.41E-05	1.85E-03	6.4E-07	1.9E-06	1.1E-06	1.0E-06	4.6E-07	2.5E-08	6.1E-07	3.7E-07	3.4E-07	7.3E-08	1.4E-06
617	UCART4	482111.01	3732299.83	482111.01	0.47589	0.49721	0.63899	8.00E-05	0.0001	0.00141	4.91E-06	1.74E-03	3.91E-05	1.33E-06	1.67E-06	4.41E-05	1.83E-03	6.3E-07	1.9E-06	1.1E-06	1.0E-06	4.6E-07	2.5E-08	6.0E-07	3.6E-07	3.3E-07	7.2E-08	1.4E-06
618	UCART4	482161.01	3732299.83	482161.01	0.46737	0.48954	0.64982	8.00E-05	0.0001	0.0014	4.82E-06	1.71E-03	3.98E-05	1.33E-06	1.67E-06	4.37E-05	1.80E-03	6.2E-07	1.9E-06	1.1E-06	9.9E-07	4.5E-07	2.4E-08	5.9E-07	3.6E-07	3.3E-07	7.1E-08	1.4E-06
619	UCART4	482211.01	3732299.83	482211.01	0.45833	0.48126	0.63858	8.00E-05	0.0001	0.00136	4.73E-06	1.68E-03	3.91E-05	1.33E-06	1.67E-06	4.25E-05	1.77E-03	6.1E-07	1.8E-06	1.1E-06	9.7E-07	4.4E-07	2.4E-08	5.8E-07	3.5E-07	3.2E-07	7.0E-08	1.3E-06
620	UCART4	482261.01	3732299.83	482261.01	0.44874	0.47232	0.62357	8.00E-05	9.00E-05	0.00132	4.63E-06	1.65E-03	3.82E-05	1.33E-06	1.50E-06	4.12E-05	1.74E-03	6.0E-07	1.8E-06	1.0E-06	9.5E-07	4.3E-07	2.4E-08	5.7E-07	3.5E-07	3.1E-07	6.8E-08	1.3E-06
621	UCART4	482311.01	3732299.83	482311.01	0.43859	0.4627	0.60558	7.00E-05	9.00E-05	0.00126	4.52E-06	1.61E-03	3.71E-05	1.17E-06	1.50E-06	3.94E-05	1.70E-03	5.9E-07	1.8E-06	1.0E-06	9.3E-07	4.3E-07	2.3E-08	5.6E-07	3.4E-07	3.1E-07	6.7E-08	1.3E-06
622	UCART4	482361.01	3732299.83	482361.01	0.42791	0.45239	0.59176	7.00E-05	8.00E-05	0.0012	4.41E-06	1.58E-03	3.62E-05	1.17E-06	1.33E-06	3.75E-05	1.66E-03	5.7E-07	1.7E-06	1.0E-06	9.1E-07	4.2E-07	2.3E-08	5.5E-07	3.3E-07	3.0E-07	6.6E-08	1.3E-06
623	UCART4	482411.01	3732299.83	482411.01	0.41677	0.44145	0.57457	7.00E-05	8.00E-05	0.00113	4.30E-06	1.54E-03	3.52E-05	1.17E-06	1.33E-06	3.53E-05	1.62E-03	5.6E-07	1.7E-06	9.8E-07	8.9E-07	4.0E-07	2.2E-08	5.3E-07	3.2E-07	2.9E-07	6.4E-08	1.2E-06
624	UCART4	481711.01	3732349.83	481711.01	0.55158	0.56491	0.75112	0.00011	0.00015

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842	UCARTE6	479520.27	3733313.46	479520.27	16.56488	16.12796	3.03874	0.00656	0.05347	0.0001	1.71E-04	5.63E-02	1.86E-04	1.09E-04	8.91E-04	3.12E-06	5.76E-02	2.0E-05	6.0E-05	3.5E-05	3.2E-05	1.4E-05	7.8E-07	1.9E-05	1.2E-05	1.0E-05	2.3E-06	4.4E-05
843	UCARTE6	479550.27	3733313.46	479550.27	17.47231	16.76857	3.60171	0.00602	0.07895	0.00011	1.80E-04	5.85E-02	2.21E-04	1.00E-04	1.32E-03	3.44E-06	6.03E-02	2.1E-05	6.3E-05	3.7E-05	3.3E-05	1.5E-05	8.2E-07	2.0E-05	1.2E-05	1.1E-05	2.4E-06	4.6E-05
844	UCARTE6	479580.27	3733313.46	479580.27	17.97198	16.97557	4.44506	0.00551	0.07527	0.00011	1.85E-04	5.92E-02	2.72E-04	9.18E-05	1.25E-03	3.44E-06	6.10E-02	2.1E-05	6.4E-05	3.7E-05	3.3E-05	1.5E-05	8.3E-07	2.0E-05	1.2E-05	1.1E-05	2.4E-06	4.7E-05
845	UCARTE6	479610.27	3733313.46	479610.27	17.94146	16.49227	5.86597	0.005	0.05905	0.00011	1.85E-04	5.76E-02	3.59E-04	8.33E-05	9.84E-04	3.44E-06	5.92E-02	2.0E-05	6.2E-05	3.6E-05	3.2E-05	1.5E-05	8.0E-07	1.9E-05	1.2E-05	1.1E-05	2.3E-06	4.5E-05
846	UCARTE6	479640.27	3733313.46	479640.27	17.34305	15.23948	8.8884	0.00449	0.04755	0.00011	1.79E-04	5.32E-02	5.44E-04	7.48E-05	7.92E-04	3.44E-06	5.48E-02	1.9E-05	5.7E-05	3.3E-05	3.0E-05	1.4E-05	7.4E-07	1.8E-05	1.1E-05	9.9E-06	2.2E-06	4.2E-05
847	UCARTE6	479670.27	3733313.46	479670.27	16.23981	13.46866	20.74551	0.004	0.02724	0.00012	1.68E-04	4.70E-02	1.27E-03	6.67E-05	4.54E-04	3.75E-06	4.90E-02	1.7E-05	5.1E-05	3.0E-05	2.7E-05	1.2E-05	6.7E-07	1.6E-05	9.8E-06	8.9E-06	1.9E-06	3.7E-05
848	UCARTE6	479490.27	3733343.46	479490.27	15.72358	15.84285	2.71404	0.00641	0.01673	0.0001	1.62E-04	5.53E-02	1.66E-04	1.07E-04	2.79E-04	3.12E-06	5.60E-02	1.9E-05	5.9E-05	3.4E-05	3.1E-05	1.4E-05	7.6E-07	1.8E-05	1.1E-05	1.0E-05	2.2E-06	4.3E-05
849	UCARTE6	479520.27	3733343.46	479520.27	17.42133	17.75781	3.13358	0.00598	0.06558	0.0001	1.80E-04	6.20E-02	1.92E-04	9.97E-05	1.09E-03	3.12E-06	6.35E-02	2.2E-05	6.6E-05	3.8E-05	3.5E-05	1.6E-05	8.6E-07	2.1E-05	1.3E-05	1.2E-05	2.5E-06	4.8E-05
850	UCARTE6	479550.27	3733343.46	479550.27	18.86964	19.53846	3.71116	0.00552	0.06472	0.00011	1.95E-04	6.82E-02	2.27E-04	9.20E-05	1.08E-03	3.44E-06	6.98E-02	2.4E-05	7.3E-05	4.2E-05	3.8E-05	1.7E-05	9.5E-07	2.3E-05	1.4E-05	1.3E-05	2.8E-06	5.3E-05
851	UCARTE6	479580.27	3733343.46	479580.27	19.76093	20.51803	4.56922	0.00505	0.04507	0.00011	2.04E-04	7.16E-02	2.80E-04	8.42E-05	7.51E-04	3.44E-06	7.29E-02	2.5E-05	7.6E-05	4.4E-05	4.0E-05	1.8E-05	9.9E-07	2.4E-05	1.5E-05	1.3E-05	2.9E-06	5.6E-05
852	UCARTE6	479610.27	3733343.46	479610.27	19.86301	19.92093	6.00517	0.00462	0.04152	0.00011	2.05E-04	6.95E-02	3.68E-04	7.70E-05	6.92E-04	3.44E-06	7.09E-02	2.5E-05	7.4E-05	4.3E-05	3.9E-05	1.8E-05	9.6E-07	2.3E-05	1.4E-05	1.3E-05	2.8E-06	5.4E-05
853	UCARTE6	479640.27	3733343.46	479640.27	19.12429	17.71976	9.04026	0.00418	0.03636	0.00011	1.97E-04	6.18E-02	5.54E-04	6.97E-05	6.06E-04	3.44E-06	6.33E-02	2.2E-05	6.6E-05	3.8E-05	3.5E-05	1.6E-05	8.6E-07	2.1E-05	1.3E-05	1.1E-05	2.5E-06	4.8E-05
854	UCARTE6	479670.27	3733343.46	479670.27	17.66456	14.82866	20.92197	0.00375	0.02933	0.00012	1.82E-04	5.17E-02	1.28E-03	6.25E-05	4.89E-04	3.75E-06	5.38E-02	1.9E-05	5.6E-05	3.3E-05	2.9E-05	1.3E-05	7.3E-07	1.8E-05	1.1E-05	9.7E-06	2.1E-06	4.1E-05
855	UCARTE6	479490.27	3733373.46	479490.27	17.39418	17.79033	2.7927	0.00582	0.00665	0.0001	1.79E-04	6.21E-02	1.71E-04	9.70E-05	1.11E-04	3.12E-06	6.26E-02	2.2E-05	6.5E-05	3.8E-05	3.4E-05	1.6E-05	8.5E-07	2.1E-05	1.3E-05	1.1E-05	2.5E-06	4.8E-05
856	UCARTE6	479520.27	3733373.46	479520.27	20.3155	22.00935	3.22228	0.00545	0.02988	0.00011	2.10E-04	7.68E-02	1.97E-04	9.08E-05	4.98E-04	3.44E-06	7.78E-02	2.7E-05	8.1E-05	4.7E-05	4.3E-05	1.9E-05	1.1E-06	2.6E-05	1.6E-05	1.4E-05	3.1E-06	5.9E-05
857	UCARTE6	479550.27	3733373.46	479550.27	22.94698	26.67703	3.81433	0.00505	0.04231	0.00011	2.37E-04	9.31E-02	2.34E-04	8.42E-05	7.05E-04	3.44E-06	9.44E-02	3.3E-05	9.9E-05	5.7E-05	5.2E-05	2.4E-05	1.3E-06	3.1E-05	1.9E-05	1.7E-05	3.7E-06	7.2E-05
858	UCARTE6	479580.27	3733373.46	479580.27	24.54466	29.43672	4.68503	0.00465	0.04237	0.00011	2.53E-04	1.03E-01	2.87E-04	7.75E-05	7.06E-04	3.44E-06	1.04E-01	3.6E-05	1.1E-04	6.3E-05	5.7E-05	2.6E-05	1.4E-06	3.4E-05	2.1E-05	1.9E-05	4.1E-06	7.9E-05
859	UCARTE6	479610.27	3733373.46	479610.27	24.71837	27.67486	6.13468	0.00426	0.03931	0.00011	2.55E-04	9.66E-02	3.76E-04	7.10E-05	6.55E-04	3.44E-06	9.79E-02	3.4E-05	1.0E-04	5.9E-05	5.4E-05	2.5E-05	1.3E-06	3.2E-05	2.0E-05	1.8E-05	3.9E-06	7.5E-05
860	UCARTE6	479640.27	3733373.46	479640.27	23.46835	22.35786	9.18664	0.00388	0.0346	0.00011	2.42E-04	7.80E-02	5.63E-04	6.47E-05	5.77E-04	3.44E-06	7.95E-02	2.8E-05	8.3E-05	4.8E-05	4.4E-05	2.0E-05	1.1E-06	2.6E-05	1.6E-05	1.4E-05	3.1E-06	6.1E-05
861	UCARTE6	479670.27	3733373.46	479670.27	21.01703	16.88734	21.08284	0.0035	0.02481	0.00012	2.17E-04	5.89E-02	1.29E-03	5.83E-05	4.13E-04	3.75E-06	6.09E-02	2.1E-05	6.4E-05	3.7E-05	3.3E-05	1.5E-05	8.3E-07	2.0E-05	1.2E-05	1.1E-05	2.4E-06	4.6E-05
862	UCARTE6	479575.27	3733098.6	479575.27	217.238	64.76829	2.78249	0.01505	0.0201	0.0001	2.24E-03	2.26E-01	1.70E-04	2.51E-04	3.35E-04	3.12E-06	2.29E-01	7.9E-05	2.4E-04	1.4E-04	1.3E-04	5.7E-05	3.1E-06	7.5E-05	4.6E-05	4.1E-05	9.0E-06	1.7E-04
863	UCARTE6	479605.27	3733098.6	479605.27	214.9379	51.18009	3.51726	0.01252	0.02133	0.00011	2.22E-03	1.79E-01	2.15E-04	2.05E-04	3.55E-04	3.44E-06	1.82E-01	6.3E-05	1.9E-04	1.1E-04	1.0E-04	4.5E-05	2.5E-06	6.0E-05	3.6E-05	3.3E-05	7.2E-06	1.4E-04
864	UCARTE6	479635.27	3733098.6	479635.27	207.3451	34.61463	5.07381	0.00944	0.02135	0.00011	2.14E-03	1.21E-01	3.11E-04	1.57E-04	3.56E-04	3.44E-06	1.24E-01	4.3E-05	1.3E-04	7.5E-05	6.8E-05	3.1E-05	1.7E-06	4.1E-05	2.5E-05	2.2E-05	4.9E-06	9.4E-05
865	UCARTE6	479665.27	3733098.6	479665.27	180.9739	23.64661	11.03736	0.00803	0.02052	0.00011	1.87E-03	8.25E-02	6.76E-04	1.34E-04	3.42E-04	3.44E-06	8.55E-02	3.0E-05	8.9E-05	5.2E-05	4.7E-05	2.1E-05	1.2E-06	2.8E-05	1.7E-05	1.5E-05	3.4E-06	6.5E-05
866	UCARTE6	479575.27	3733128.6	479575.27	81.25921	38.82282	3.09959	0.01159	0.02332	0.0001	8.38E-04	1.35E-01	1.90E-04	1.93E-04	3.89E-04	3.12E-06	1.37E-01	4.7E-05	1.4E-04	8.3E-05	7.5E-05	3.4E-05	1.9E-06	4.5E-05	2.7E-05	2.5E-05	5.4E-06	1.0E-04
867	UCARTE6	479605.27	3733128.6	479605.27	78.80036	32.74138	4.04265	0.00965	0.02437	0.00011	8.13E-04	1.14E-01	2.48E-04	1.61E-04	4.06E-04	3.44E-06	1.16E-01	4.0E-05	1.2E-04	7.0E-05	6.4E-05	2.9E-05	1.6E-06	3.8E-05	2.3E-05	2.1E-05	4.6E-06	8.8E-05
868	UCARTE6	479635.27	3733128.6	479635.27	73.0424	25.78825	6.14599	0.00835	0.02396	0.00011	7.53E-04	9.00E-02	3.76E-04	1.39E-04	3.99E-04	3.44E-06	9.17E-02	3.2E-05	9.6E-05	5.5E-05	5.0E-05	2.3E-05	1.2E-06	3.0E-05	1.8E-05	1.7E-05	3.6E-06	7.0E-05
869	UCARTE6	479665.27	3733128.6	479665.27	61.20383	19.95807	14.15059	0.00636	0.02267	0.00011	6.31E-04	6.96E-02	8.67E-04	1.06E-04	3.78E-04	3.44E-06	7.16E-02	2.5E-05	7.5E-05	4.3E-05	3.9E-05	1.8E-05	9.7E-07	2.4E-05	1.4E-05	1.3E-05	2.8E-06	5.5E-05
870	UCARTE6	479575.27	3733158.6	479575.27	47.32366	28.03145	3.37837	0.00937	0.02762	0.0001	4.88E-04	9.78E-02	2.07E-04	1.56E-04	4.60E-04	3.12E-06	9.91E-02	3.4E-05	1.0E-04	6.0E-05	5.4E-05	2.5E-05	1.3E-06	3.3E-05	2.0E-05	1.8E-05	3.9E-06	7.6E-05
871	UCARTE6	479605.27	3733158.6	479605.27	45.61627	24.41828	4.46184	0.00806	0.02823	0.00011	4.71E-04	8.52E-02	2.73E-04	1.34E-04	4.70E-04	3.44E-06	8.66E-02	3.0E-05	9.0E-05	5.2E-05	4.7E-05	2.2E-05	1.2E-06	2.8E-05	1.7E-05	1.6E-05	3.4E-06	6.6E-05
872	UCARTE6	479635.27	3733158.6	479635.27	42.08486	20.62355	6.82099	0.00659	0.02694	0.00011	4.34E-04	7.20E-02	4.18E-04	1.10E-04	4.49E-04	3.44E-06	7.34E-02	2.5E-05	7.7E-05	4.4E-05	4.0E-05	1.8E-05	1.0E-06	2.4E-05	1.5E-05	1.3E-05	2.9E-06	5.6E-05
873	UCARTE6	479665.27	3733158.6	479665.27	36.31843	17.14993	15.2217	0.00556	0.02473	0.00011	3.75E-04	5.98E-02	9.32E-04	9.27E-05	4.12E-04	3.44E-06	6.17E-02	2.1E-05	6.4E-05	3.7E-05	3.4E-05	1.5E-05	8.4E-07	2.0E-05	1.2E-05	1.1E-05	2.4E-06	4.7E-05
874	UCARTE6	479575.27	3733188.6	479575.27	32.52999	22.19569	3.61181	0.00788	0.03254	0.0001	3.36E-04	7.75E-02	2.21E-04	1.31E-04	5.42E-04	3.12E-06	7.87E-02	2.7E-05	8.2E-05	4.8E-05	4.3E-05	2.0E-05	1.1E-06	2.6E-05	1.6E-05	1.4E-05	3.1E-06	6.0E-05
875	UCARTE6	479605.27	3733188.6	479605.27	31.47387	19.88539	4.77624	0.00693	0.03269	0.00011	3.25E-04	6.94E-02	2.93E-04	1.15E-04	5.45E-04	3.44E-06	7.07E-02	2.4E-05	7.4E-05	4.3E-05	3.9E-05	1.8E-05	9.6E-07	2.3E-05	1.4E-05	1.3E-05	2.8E-06	5.4E-05
876	UCARTE6	479635.27	3733188.6	479635.27	29.32219	17.4967	7.24967	0.00601	0.03048	0.00011	3.02E-04	6.11E-02	4.44E-04	1.00E-04	5.08E-04	3.44E-06	6.24E-02	2.2E-05	6.5E-05	3.8E-05	3.4E-05	1.6E-05	8.5E-07	2.1E-05	1.2E-05	1.1E-05	2.5E-06	4.8E-05
877	UCARTE6	479665.27	3733188.6	479665.27	26.10971	15.18846	15.7645	0.00521	0.02704	0.00011	2.69E-04	5.30E-02	9.66E-04	8.68E-05	4.51E-04	3.44E-06	5.48E-02	1.9E-05	5.7E-05	3.3E-05	3.0E-05	1.4E-05	7.4E-07	1.8E-05	1.1E-05	9.9E-06	2.2E-06	4.2E-05
878	UCARTE6	479378	3732025.27	479378, 3	0.88921	0.94676	0.325	0.00118	0.00063	9.00E-05	9.17E-06	3.30E-03	1.99E-05	1.97E-05	1.05E-05	2.81E-06	3.37E-03	1.2E-06	3.5E-06	2.0E-06	1.8E-06	8.4E-07	4.6E-08	1.1E-06	6.7E-07	6.1E-07	1.3E-07	2.6E-06
879	UCARTE6	479428	3732025.27	479428, 3	0.94511	1.00671	0.34032	0.00133	0.00069	9.00E-05	9.75E-06	3.51E-03	2.08E-05	2.22E-05	1.15E-05	2.81E-06	3.58E-03	1.2E-06	3.7E-06	2.2E-06	2.0E-06	9.0E-07	4.9E-08	1.2E-06	7.1E-07	6.5E-07	1.4E-07	2.7E-06
880	UCARTE6	479478	3732025.27	479478, 3	1.00835	1.0743	0.35964	0.00148	0.00075	9.00E-05	1.04E-05	3.75E-03	2.20E-05	2.47E-05	1.25E-05	2.81E-06	3.82E-03	1.3E-06	4.0E-06	2.3E-06	2.1E-06	9.6E-07	5.2E-08	1.3E-06	7.6E-07	6.9E-07	1.5E-07	2.9E-06
881	UCARTE6	479528	3732025.27	479528, 3	1.0685	1.13752	0.37786	0.00163	0.00081	0.0001	1.10E-05	3.97E-03	2.31E-05	2.72E-05	1.35E-05	3.12E-06	4.05E-03	1.4E-06	4.2E-06	2.4E-06	2.2E-06	1.0E-06	5.5E-08	1.3E-06	8.1E-07	7.3E-07	1.6E-07	3.1E-06
882	UCARTE6	479578	3732025.27	479578, 3	1.11887	1.18933	0.39209	0.00177	0.00087	0.0001	1.15E-05	4.15E-03	2.40E-05	2.95E-05	1.45E-05	3.12E-06	4.23E-03	1.5E-06	4.4E-06	2.6E-06	2.3E-06	1.1E-06	5.8E-08	1.4E-06	8.5E-07	7.7E-07	1.7E-07	3.2E-06
883	UCARTE6	479628	3732025.27	479628, 3	1.15875	1.22974	0.40291	0.00188	0.00092	0.0001	1.20E-05	4.29E-03	2.47E-05	3.13E-05	1.53E-05	3.12E-06	4.38E-03	1.5E-06	4.6E-06	2.6E-06	2.4E-06	1.1E-06	6.0E-08	1.4E-06	8.7E-07	7.9E-07	1.7E-07	3.3E-06
884	UCARTE6	479678	3732025.27	479678, 3	1.19957	1.27151	0.4158	0.00197	0.00097	0.00011	1.24E-05	4.44E-03	2.55E-05	3.28E-05	1.62E-05	3.44E-06	4.53E-03	1.6E-06	4.7E-06	2.7E-06	2.5E-06	1.1E-06	6.2E-08	1.5E-06	9.0E-07	8.2E-07	1.8E-07	3.5E-06
885	UCARTE6	479378	3732075.27	479378, 3	0.94962	1.01487	0.33715	0.00132	0.00067	9.00E-05	9.80E-06	3.54E-03	2.06E-05	2.20E-05	1.12E-05	2.81E-06	3.61E-03	1.2E-06	3.8E-06	2.2E-06	2.0E-06	9.0E-07	4.9E-08	1.2E-06	7.2E-07	6.5E-07	1.4E-07	2.8E-06
886	UCARTE6	479428	3732075.27	479428, 3	1.01453	1.08529	0.35479	0.00149	0.00074	9.00E-05	1.05E-05	3.79E-03	2.17E-05	2.48E-05	1.23E-05	2.81E-06	3.86E-03	1.3E-06	4.0E-06	2.3E-06	2.1E-06	9.7E-07	5.2E-08	1.3E-06	7.7E-07	7.0E-07	1.5E-07	2.9E-06
887	UCARTE6	479478	3732075.27	479478, 3	1.09383	1.15176	0.37142	0.00161	0.00081	9.00E-05	1.11E-05	4.02E-03	2.28E-05	2.77E-05	1.35E-05	2.81E-06	4.10E-03	1.4E-06	4.3E-06	2.5E-06	2.2E-06	1.0E-06	5.6E-08	1.3E-06	8.2E-07	7.4E-07	1.6E-07	3.1E-06
888	UCARTE6	479528	3732075.27	479528, 3	1.15219	1.23211	0.39409	0.00184	0.00088	0.0001	1.19E-05	4.30E-03	2.41E-05	3.07E-05	1.47E-05	3.12E-06	4.38E-03	1.5E-06	4.6E-06	2.7E-06	2.4E-06	1.1E-06	6.0E-08	1.4E-06	8.8E-07	7.9E-07	1.7E-07	3.3E-06
889	UCARTE6	479578	3732075.27	479578, 3	1.211	1.29348	0.41049	0.002	0.00094	0.0001	1.25E-05	4.51E-03	2.51E-05	3.33E-05	1.57E-05	3.12E-06	4.60E-03	1.6E-06	4.8E-06	2.8E-06	2.5E-06	1.2E-06	6.3E-08	1.5E-06	9.2E-07	8.3E-07	1.8E-07	3.5E-06
890	UCARTE6	479628	3732075.27	479628, 3	1.2619	1.34636	0.4255	0.00214	0.001	0.0001	1.30E-05	4.70E-03	2.61E-05	3.57E-05	1.67E-05	3.12E-06	4.79E-03	1.7E-06	5.0E-06	2.9E-06	2.6E-06	1.2E-06	6.5E-08	1.6E-06	9.6E-07	8.7E-07	1.9E-07	3.7E-06
891	UCARTE6	479678	3732075.27	479678, 3	1.31086	1.39618	0.44211	0.00223	0.00106	0.00011	1.35E-05	4.87E-03	2.71E-05	3.72E-05	1.77E-05	3.44E-06	4.97E-03	1.7E-06	5.2E-06	3.0E-06	2.7E-06	1.2E-06	6.8E-08	1.6E-06	9.9E-07	9.0E-07	2.0E-07	3.8E-06
892	UCARTE6	479378	3732125.27	479378, 3	1.02906	1.10481	0.35503	0.00148	0.00072	9.00E-05	1.06E-05	3.86E-03	2.17E-05	2.47E-05	1.20E-05	2.81E-06	3.93E-03	1.4E-06	4.1E-06	2.4E-06	2.2E-06	9.8E-07	5.3E-08	1.3E-06	7.8E-07	7.1E-07	1.6E-07	3.0E-06
893	UCARTE6	479428	3732125.27	479428, 3	1.10202	1.1849	0.37415	0.00168	0.0008	9.00E-05	1.14E-05	4.14E-03	2.29E-05	2.80E-05	1.33E-05	2.81E-06	4.21E-03	1.5E-06	4.4E-06	2.5E-06	2.3E-06	1.1E-06	5.7E-08	1.4E-06	8.4E-07	7.6E-07	1.7E-07	3.2E-06
894	UCARTE6	479478	3732125.27	479478, 3	1.164	1.25107	0.38842	0.00189	0.00087	9.00E-05	1.20E-05	4.37E-03	2.38E-05	3.15E-05	1.45E-05	2.81E-06	4.45E-03	1.5E-06	4.7E-06	2.7E-06	2.4E-06	1.1E-06	6.1E-08	1.5E-06	8.9E-07	8.1E-07	1.8E-07	3.4E-06
895	UCARTE6	479528	3732125.27	479528, 3	1.24648	1.33946	0.41107	0.0021	0.00095	0.0001	1.29E-05	4.67E-03	2.52E-05	3.50E-05	1.58E-05	3.12E-06	4.77E-03	1.6E-06	5.0E-06	2.9E-06	2.6E-06	1.2E-06	6.5E-08	1.6E-06	9.5E-07	8.6E-07	1.9E-07	3.6E-06
896	UCARTE6	479578	3732125.27	479578, 3	1.30787	1.40323	0.42675	0.00229	0.00102	0.0001	1.35E-05	4.90E-03	2.61E-05	3.82E-05	1.70E-05	3.12E-06	4.99E-03	1.7E-06	5.2E-06	3.0E-06	2.7E-06	1.3E-06	6.8E-08	1.6E-06	1.0E-06	9.0E-07	2.0E-07	3.8E-06
897	UCARTE6	479628	3732125.27	479628, 3	1.36429	1.46149	0.44242	0.00244	0.00109	0.0001	1.41E-05	5.10E-03	2.71E-05	4.07E-05	1.82E-05	3.12E-06	5.20E-03	1.8E-06	5.4E-06	3.1E-06	2.9E-06	1.3E-06	7.1E-08	1.7E-06	1.0E-06	9.4E-07	2.1E-07	4.0E-06
898	UCARTE6	479678	3732125.27	479678, 3	1.42324	1.52109	0.46289	0.00254	0.00116	0.0001	1.47E-05	5.31E-03	2.84E-05	4.25E-05	1.93E-05	3.44E-06	5.42E-03	1.9E-06	5.7E-06	3.3E-06	3.0E-06	1.4E-06	7.4E-08	1.8E-06	1.1E-06	9.8E-07	2.1E-07	4.1E-06
899	UCARTE6	479378	3732175.27	479378, 3	1.10865	1.19564	0.36991	0.00166	0.00078	9.00E-05	1.14E-05	4.17E-03	2.27E-05	2.77E-05	1.30E-05	2.81E-06	4.25E-03	1.5E-06	4.4E-06	2.6E-06	2.3E-06	1.1E-06	5.8E-08	1.4E-06	8.5E-07	7.7E-07	1.7E-07	3.2E-06
900	UCARTE6	479428	3732175.27	479428, 3	1.18805	1.28367	0.38918	0.0019	0.00086	9.00E-05	1.23E-05	4.48E-03	2.38E-05	3.17E-05	1.43E-05	2.81E-06	4.56E-03	1.6E-06	4.8E-06	2.8E-06	2.5E-06	1.1E-06	6.2E-08	1.5E-06	9.1E-07	8.3E-07	1.8E-07	3.5E-06
901	UCARTE6	479478	3732175.27	479478, 3	1.26749	1.36992	0.40782	0.00216	0.00094	0.0001	1.31E-05	4.78E-03	2.50E-05	3.60E-05	1.57E-05	3.12E-06	4.87E-03	1.7E-06	5.1E-06	2.9E-06	2.7E-06	1.2E-06	6.6E-08	1.6E-06	9.7E-07	8.8E-07	1.9E-07	3.7E-06
902	UCARTE6	479528	3732175.27	479528, 3	1.34558	1.45293	0.42614	0.00241	0.00103	0.0001	1.39E-05	5.07E-03	2.61E-05	4.02E-05	1.72E-05	3.12E-06	5.17E-03	1.8E-06	5.4E-06	3.1E-06	2.8E-06	1.3E-06	7.0E-08	1.7E-06	1.0E-06	9.4E-07	2.0E-07	3.9E-06
903	UCARTE6	479578	3732175.27	479578, 3	1.41321	1.52308	0.44209	0.00263	0.00111	0.0001	1.46E-05	5.32E-03	2.71E-05	4.38E-05	1.85E-05	3.12E-06	5.42E-03	1.9E-06	5.7E-06	3.3E-06	3.0E-06	1.4E-06	7.4E-08	1.8E-06	1.1E-06	9.8E-07	2.1E-07	4.1E-06
904	UCARTE6	479628	3732175.27	479628, 3	1.48013	1.59218	0.46002	0.0028	0.00119	0.0001	1.53E-05	5.56E-03	2.82E-05	4.67E-05	1.98E-05	3.12E-06	5.67E-03	2.0E-06	5.9E-06	3.4E-06	3.1E-06	1.4E-06	7.7E-08	1.9E-06	1.1E-06	1.0E-06	2.2E-07	4.3E-06
905	UCARTE6	479678	3732175.27	479678, 3	1.54465	1.65479	0.47979	0.0029	0.00126	0.00011	1.59E-05	5.77E-03	2.94E-05	4.83E-05	2.10E-05	3.44E-06	5.89E-03	2.0E-06	6.2E-06	3.6E-06	3.2E-06	1.5E-06	8.0E-08	1.9E-06	1.2E-06	1.1E-06	2.3E-07	4.5E-06
906	UCARTE6	479378	3732225.27	479378, 3	1.20877	1.31051	0.38928	0.00188	0.00084	9.00E-05	1.25E-05	4.57E-03	2.38E-05	3.13E-05	1.40E-05	2.81E-06	4.66E-03	1.6E-06	4.9E-06	2.8E-06	2.6E-06	1.2E-06	6.3E-08	1.5E-06	9.3E-07	8.4E-07	1.8E-07	3.6E-06
907	UCARTE6	479428	3732225.27	479428, 3	1.30313	1.41648	0.41067	0.00218	0.00093	9.00E-05	1.34E-05	4.94E-03	2.52E-05	3.63E-05	1.55E-05	2.81E-06	5.04E-03	1.7E-06	5.3E-06	3.0E-06	2.8E-06	1.3E-06	6.8E-08	1.7E-06	1.0E-06	9.1E-07	2.0E-07	3.8E-06
908	UCARTE6	479478	3732225.27	479478, 3	1.38276	1.50343	0.42687	0.00248

984	UCART8	479428	3732775.27	479428, 3	6.02096	7.60659	0.79541	0.01364	0.00314	9.00E-05	6.21E-05	2.65E-02	4.87E-05	2.27E-04	5.23E-05	2.81E-06	2.69E-02	9.3E-06	2.8E-05	1.6E-05	1.5E-05	6.7E-06	3.7E-07	8.8E-06	5.4E-06	4.9E-06	1.1E-06	2.1E-05
985	UCART8	479478	3732775.27	479478, 3	6.68276	8.44947	0.8483	0.01834	0.00386	0.0001	6.89E-05	2.95E-02	5.20E-05	3.06E-04	6.43E-05	3.12E-06	3.00E-02	1.0E-05	3.1E-05	1.8E-05	1.6E-05	7.5E-06	4.1E-07	9.8E-06	6.0E-06	5.4E-06	1.2E-06	2.3E-05
986	UCART8	479528	3732775.27	479528, 3	7.24534	8.95797	0.90933	0.02204	0.00465	0.0001	7.47E-05	3.13E-02	5.57E-05	3.67E-04	7.75E-05	3.12E-06	3.18E-02	1.1E-05	3.3E-05	1.9E-05	1.7E-05	8.0E-06	4.3E-07	1.0E-05	6.4E-06	5.8E-06	1.3E-06	2.4E-05
987	UCART8	479578	3732775.27	479578, 3	7.77729	9.11512	0.95451	0.023	0.00539	0.0001	8.02E-05	3.18E-02	5.85E-05	3.83E-04	8.98E-05	3.12E-06	3.24E-02	1.1E-05	3.4E-05	2.0E-05	1.8E-05	8.1E-06	4.4E-07	1.1E-05	6.5E-06	5.9E-06	1.3E-06	2.5E-05
988	UCART8	479628	3732775.27	479628, 3	7.92736	8.70898	1.02064	0.02088	0.00598	0.00011	8.18E-05	3.04E-02	6.25E-05	3.48E-04	9.97E-05	3.44E-06	3.10E-02	1.1E-05	3.2E-05	1.9E-05	1.7E-05	7.8E-06	4.2E-07	1.0E-05	6.2E-06	5.6E-06	1.2E-06	2.4E-05
989	UCART8	479678	3732775.27	479678, 3	7.47719	7.76018	1.10055	0.01741	0.00632	0.00011	7.71E-05	2.71E-02	6.74E-05	2.90E-04	1.05E-04	3.44E-06	2.76E-02	9.6E-06	2.9E-05	1.7E-05	1.5E-05	6.9E-06	3.8E-07	9.1E-06	5.5E-06	5.0E-06	1.1E-06	2.1E-05
990	UCART8	479378	3732825.27	479378, 3	6.73401	8.69461	0.81175	0.01103	0.00287	9.00E-05	6.95E-05	3.03E-02	4.97E-05	1.84E-04	4.78E-05	2.81E-06	3.07E-02	1.1E-05	3.2E-05	1.9E-05	1.7E-05	7.7E-06	4.2E-07	1.0E-05	6.1E-06	5.6E-06	1.2E-06	2.3E-05
991	UCART8	479428	3732825.27	479428, 3	7.67096	10.09444	0.8602	0.01635	0.00361	9.00E-05	7.91E-05	3.52E-02	5.27E-05	2.72E-04	6.02E-05	2.81E-06	3.57E-02	1.2E-05	3.7E-05	2.2E-05	2.0E-05	8.9E-06	4.9E-07	1.2E-05	7.1E-06	6.5E-06	1.4E-06	2.7E-05
992	UCART8	479478	3732825.27	479478, 3	8.68621	11.38097	0.93735	0.02304	0.00454	0.0001	8.96E-05	3.97E-02	5.74E-05	3.84E-04	7.57E-05	3.12E-06	4.03E-02	1.4E-05	4.2E-05	2.4E-05	2.2E-05	1.0E-05	5.5E-07	1.3E-05	8.1E-06	7.3E-06	1.6E-06	3.1E-05
993	UCART8	479528	3732825.27	479528, 3	9.44927	11.70777	1.00995	0.02824	0.00555	0.0001	9.75E-05	4.09E-02	6.19E-05	4.71E-04	9.25E-05	3.12E-06	4.16E-02	1.4E-05	4.3E-05	2.5E-05	2.3E-05	1.0E-05	5.7E-07	1.4E-05	8.3E-06	7.5E-06	1.6E-06	3.2E-05
994	UCART8	479578	3732825.27	479578, 3	10.01595	11.85572	1.07078	0.02863	0.00648	0.0001	1.03E-04	4.14E-02	6.56E-05	4.77E-04	1.08E-04	3.12E-06	4.21E-02	1.5E-05	4.4E-05	2.5E-05	2.3E-05	1.1E-05	5.7E-07	1.4E-05	8.4E-06	7.6E-06	1.7E-06	3.2E-05
995	UCART8	479628	3732825.27	479628, 3	10.04133	11.02852	1.14484	0.02435	0.00718	0.00011	1.04E-04	3.85E-02	7.01E-05	4.06E-04	1.20E-04	3.44E-06	3.92E-02	1.4E-05	4.1E-05	2.4E-05	2.1E-05	9.8E-06	5.3E-07	1.3E-05	7.8E-06	7.1E-06	1.5E-06	3.0E-05
996	UCART8	479678	3732825.27	479678, 3	9.41391	9.30364	1.23198	0.01889	0.00755	0.00011	9.71E-05	3.25E-02	7.55E-05	3.15E-04	1.26E-04	3.44E-06	3.31E-02	1.1E-05	3.5E-05	2.0E-05	1.8E-05	8.3E-06	4.5E-07	1.1E-05	6.6E-06	6.0E-06	1.3E-06	2.5E-05
997	UCART8	479378	3732875.27	479378, 3	8.71765	12.00257	0.8914	0.01235	0.00326	9.00E-05	8.99E-05	4.19E-02	5.46E-05	2.06E-04	5.43E-05	2.81E-06	4.23E-02	1.5E-05	4.4E-05	2.6E-05	2.3E-05	1.1E-05	5.8E-07	1.4E-05	8.4E-06	7.7E-06	1.7E-06	3.2E-05
998	UCART8	479428	3732875.27	479428, 3	10.30761	14.32881	0.95539	0.01904	0.00419	9.00E-05	1.06E-04	5.00E-02	5.85E-05	3.17E-04	6.98E-05	2.81E-06	5.06E-02	1.8E-05	5.3E-05	3.1E-05	2.8E-05	1.3E-05	6.9E-07	1.7E-05	1.0E-05	9.2E-06	2.0E-06	3.9E-05
999	UCART8	479478	3732875.27	479478, 3	11.91726	15.95059	1.03752	0.02899	0.00537	0.0001	1.23E-04	5.57E-02	6.35E-05	4.83E-04	8.95E-05	3.12E-06	5.64E-02	2.0E-05	5.9E-05	3.4E-05	3.1E-05	1.4E-05	7.7E-07	1.9E-05	1.1E-05	1.0E-05	2.2E-06	4.3E-05
1000	UCART8	479528	3732875.27	479528, 3	13.19528	16.29528	1.12617	0.03817	0.00667	0.0001	1.36E-04	5.69E-02	6.90E-05	6.36E-04	1.11E-04	3.12E-06	5.78E-02	2.0E-05	6.0E-05	3.5E-05	3.2E-05	1.4E-05	7.9E-07	1.9E-05	1.2E-05	1.0E-05	2.3E-06	4.4E-05
1001	UCART8	479578	3732875.27	479578, 3	13.69851	15.64242	1.21623	0.03843	0.00786	0.0001	1.41E-04	5.46E-02	7.45E-05	6.40E-04	1.31E-04	3.12E-06	5.56E-02	1.9E-05	5.8E-05	3.4E-05	3.0E-05	1.4E-05	7.6E-07	1.8E-05	1.1E-05	1.0E-05	2.2E-06	4.2E-05
1002	UCART8	479628	3732875.27	479628, 3	13.3351	13.87779	1.32005	0.02891	0.0087	0.00011	1.38E-04	4.84E-02	8.08E-05	4.82E-04	1.45E-04	3.44E-06	4.93E-02	1.7E-05	5.2E-05	3.0E-05	2.7E-05	1.2E-05	6.7E-07	1.6E-05	9.8E-06	8.9E-06	1.9E-06	3.8E-05
1003	UCART8	479678	3732875.27	479678, 3	12.25337	11.43209	1.4164	0.01947	0.00905	0.00011	1.26E-04	3.99E-02	8.67E-05	3.24E-04	1.51E-04	3.44E-06	4.06E-02	1.4E-05	4.2E-05	2.5E-05	2.2E-05	1.0E-05	5.5E-07	1.3E-05	8.1E-06	7.3E-06	1.6E-06	3.1E-05
1004	UCART1	479704.31	3733711.83	479704.31	5.28513	4.11667	26.9719	0.00146	0.00504	0.00013	5.45E-05	1.44E-02	1.65E-03	2.43E-05	8.40E-05	4.06E-06	1.62E-02	5.6E-06	1.7E-05	9.8E-06	8.9E-06	4.1E-06	2.2E-07	5.3E-06	3.2E-06	2.9E-06	6.4E-07	1.2E-05
1005	UCART1	479754.31	3733711.83	479754.31	4.73192	3.70289	29.46566	0.00132	0.00402	0.00013	4.88E-05	1.29E-02	1.80E-03	2.20E-05	6.70E-05	4.06E-06	1.49E-02	5.1E-06	1.6E-05	9.0E-06	8.2E-06	3.7E-06	2.0E-07	4.9E-06	3.0E-06	2.7E-06	5.9E-07	1.1E-05
1006	UCART1	479804.31	3733711.83	479804.31	4.18519	3.30978	29.93394	0.00117	0.00324	0.00014	4.32E-05	1.16E-02	1.83E-03	1.95E-05	5.40E-05	4.37E-06	1.35E-02	4.7E-06	1.4E-05	8.2E-06	7.4E-06	3.4E-06	1.8E-07	4.4E-06	2.7E-06	2.4E-06	5.3E-07	1.0E-05
1007	UCART1	479854.31	3733711.83	479854.31	3.6945	2.96052	30.0698	0.00103	0.00263	0.00014	3.81E-05	1.03E-02	1.84E-03	1.72E-05	4.38E-05	4.37E-06	1.23E-02	4.2E-06	1.3E-05	7.4E-06	6.7E-06	3.1E-06	1.7E-07	4.0E-06	2.5E-06	2.2E-06	4.8E-07	9.4E-06
1008	UCART1	479904.31	3733711.83	479904.31	3.27274	2.6586	30.01634	0.00091	0.00214	0.00015	3.38E-05	9.28E-03	1.84E-03	1.52E-05	3.57E-05	4.69E-06	1.12E-02	3.9E-06	1.2E-05	6.8E-06	6.1E-06	2.8E-06	1.5E-07	3.7E-06	2.2E-06	2.0E-06	4.4E-07	8.5E-06
1009	UCART1	479954.31	3733711.83	479954.31	2.91735	2.40101	29.90165	0.0008	0.00177	0.00016	3.01E-05	8.38E-03	1.83E-03	1.33E-05	2.95E-05	5.00E-06	1.03E-02	3.6E-06	1.1E-05	6.2E-06	5.6E-06	2.6E-06	1.4E-07	3.4E-06	2.1E-06	1.9E-06	4.1E-07	7.8E-06
1010	UCART1	480004.31	3733711.83	480004.31	2.61878	2.18167	29.76584	0.00071	0.00146	0.00016	2.70E-05	7.61E-03	1.82E-03	1.18E-05	2.43E-05	5.00E-06	9.50E-03	3.3E-06	9.9E-06	5.8E-06	5.2E-06	2.4E-06	1.3E-07	3.1E-06	1.9E-06	1.7E-06	3.8E-07	7.2E-06
1011	UCART1	480054.31	3733711.83	480054.31	2.36763	1.99502	29.61963	0.00063	0.00121	0.00017	2.44E-05	6.96E-03	1.81E-03	1.05E-05	2.02E-05	5.31E-06	8.84E-03	3.1E-06	9.2E-06	5.3E-06	4.8E-06	2.2E-06	1.2E-07	2.9E-06	1.8E-06	1.6E-06	3.5E-07	6.7E-06
1012	UCART1	480104.31	3733711.83	480104.31	2.15487	1.83534	29.45645	0.00057	0.00102	0.00018	2.22E-05	6.40E-03	1.80E-03	9.50E-06	1.70E-05	5.62E-06	8.26E-03	2.9E-06	8.6E-06	5.0E-06	4.5E-06	2.1E-06	1.1E-07	2.7E-06	1.6E-06	1.5E-06	3.3E-07	6.3E-06
1013	UCART1	480154.31	3733711.83	480154.31	1.97305	1.69768	29.28606	0.00051	0.00087	0.00019	2.04E-05	5.92E-03	1.79E-03	8.50E-06	1.45E-05	5.94E-06	7.77E-03	2.7E-06	8.1E-06	4.7E-06	4.3E-06	1.9E-06	1.1E-07	2.6E-06	1.6E-06	1.4E-06	3.1E-07	5.9E-06
1014	UCART1	480204.31	3733711.83	480204.31	1.81706	1.57864	29.10945	0.00046	0.00076	0.0002	1.87E-05	5.51E-03	1.78E-03	7.67E-06	1.27E-05	6.25E-06	7.34E-03	2.5E-06	7.7E-06	4.4E-06	4.0E-06	1.8E-06	1.0E-07	2.4E-06	1.5E-06	1.3E-06	2.9E-07	5.6E-06
1015	UCART1	480254.31	3733711.83	480254.31	1.68261	1.47534	28.93521	0.00042	0.00067	0.00021	1.74E-05	5.15E-03	1.77E-03	7.00E-06	1.12E-05	6.56E-06	6.96E-03	2.4E-06	7.3E-06	4.2E-06	3.8E-06	1.7E-06	9.5E-08	2.3E-06	1.4E-06	1.3E-06	2.7E-07	5.3E-06
1016	UCART1	480304.31	3733711.83	480304.31	1.56499	1.38428	28.54898	0.00039	0.00059	0.00022	1.61E-05	4.83E-03	1.75E-03	6.50E-06	9.83E-06	6.87E-06	6.62E-03	2.3E-06	6.9E-06	4.0E-06	3.6E-06	1.7E-06	9.0E-08	2.2E-06	1.3E-06	1.2E-06	2.6E-07	5.0E-06
1017	UCART1	480354.31	3733711.83	480354.31	1.46302	1.30506	27.91975	0.00035	0.00052	0.00024	1.51E-05	4.55E-03	1.71E-03	5.83E-06	8.67E-06	7.50E-06	6.30E-03	2.2E-06	6.6E-06	3.8E-06	3.5E-06	1.6E-06	8.6E-08	2.1E-06	1.3E-06	1.1E-06	2.5E-07	4.8E-06
1018	UCART1	480404.31	3733711.83	480404.31	1.37606	1.23757	27.70881	0.00033	0.00047	0.00025	1.42E-05	4.32E-03	1.70E-03	5.50E-06	7.83E-06	7.81E-06	6.05E-03	2.1E-06	6.3E-06	3.7E-06	3.3E-06	1.5E-06	8.2E-08	2.0E-06	1.2E-06	1.1E-06	2.4E-07	4.6E-06
1019	UCART1	480454.31	3733711.83	480454.31	1.30145	1.17986	27.57329	0.0003	0.00042	0.00027	1.34E-05	4.12E-03	1.69E-03	5.00E-06	7.00E-06	8.44E-06	5.84E-03	2.0E-06	6.1E-06	3.5E-06	3.2E-06	1.5E-06	7.9E-08	1.9E-06	1.2E-06	1.1E-06	2.3E-07	4.5E-06
1020	UCART1	480504.31	3733711.83	480504.31	1.2373	1.13055	27.42109	0.00028	0.00038	0.00029	1.28E-05	3.95E-03	1.68E-03	4.67E-06	6.33E-06	9.06E-06	5.66E-03	2.0E-06	5.9E-06	3.4E-06	3.1E-06	1.4E-06	7.7E-08	1.9E-06	1.1E-06	1.0E-06	2.2E-07	4.3E-06
1021	UCART1	480554.31	3733711.83	480554.31	1.18232	1.08873	27.24259	0.00026	0.00034	0.00031	1.22E-05	3.80E-03	1.67E-03	4.33E-06	5.67E-06	9.69E-06	5.50E-03	1.9E-06	5.7E-06	3.3E-06	3.0E-06	1.4E-06	7.5E-08	1.8E-06	1.1E-06	1.0E-06	2.2E-07	4.2E-06
1022	UCART1	480604.31	3733711.83	480604.31	1.13573	1.05391	27.10106	0.00024	0.00031	0.00033	1.17E-05	3.68E-03	1.66E-03	4.00E-06	5.17E-06	1.03E-05	5.37E-03	1.9E-06	5.6E-06	3.2E-06	2.9E-06	1.3E-06	7.3E-08	1.8E-06	1.1E-06	9.7E-07	2.1E-07	4.1E-06
1023	UCART1	480654.31	3733711.83	480654.31	1.09696	1.02575	26.98516	0.00023	0.00029	0.00036	1.13E-05	3.58E-03	1.65E-03	3.83E-06	4.83E-06	1.12E-05	5.26E-03	1.8E-06	5.5E-06	3.2E-06	2.9E-06	1.3E-06	7.2E-08	1.7E-06	1.1E-06	9.5E-07	2.1E-07	4.0E-06
1024	UCART1	480704.31	3733711.83	480704.31	1.06553	1.00396	26.8569	0.00021	0.00027	0.00039	1.10E-05	3.50E-03	1.64E-03	3.50E-06	4.50E-06	1.22E-05	5.18E-03	1.8E-06	5.4E-06	3.1E-06	2.8E-06	1.3E-06	7.0E-08	1.7E-06	1.0E-06	9.4E-07	2.0E-07	3.9E-06
1025	UCART1	480754.31	3733711.83	480754.31	1.04124	0.9885	26.72913	0.0002	0.00025	0.00043	1.07E-05	3.45E-03	1.64E-03	3.33E-06	4.17E-06	1.34E-05	5.12E-03	1.8E-06	5.3E-06	3.1E-06	2.8E-06	1.3E-06	7.0E-08	1.7E-06	1.0E-06	9.3E-07	2.0E-07	3.9E-06
1026	UCART1	480804.31	3733711.83	480804.31	1.02403	0.97945	26.58773	0.00019	0.00023	0.00047	1.06E-05	3.42E-03	1.63E-03	3.17E-06	3.83E-06	1.47E-05	5.08E-03	1.8E-06	5.3E-06	3.1E-06	2.8E-06	1.3E-06	6.9E-08	1.7E-06	1.0E-06	9.2E-07	2.0E-07	3.9E-06
1027	UCART1	480854.31	3733711.83	480854.31	1.01419	0.97721	26.5387	0.00018	0.00021	0.00052	1.05E-05	3.41E-03	1.63E-03	3.00E-06	3.50E-06	1.62E-05	5.07E-03	1.8E-06	5.3E-06	3.1E-06	2.8E-06	1.3E-06	6.9E-08	1.7E-06	1.0E-06	9.2E-07	2.0E-07	3.9E-06
1028	UCART1	479704.31	3733761.83	479704.31	4.24295	3.40911	9.2338	0.0013	0.00445	0.00013	4.38E-05	1.19E-02	5.66E-04	2.17E-05	7.42E-05	4.06E-06	1.26E-02	4.4E-06	1.3E-05	7.6E-06	6.9E-06	3.2E-06	1.7E-07	4.1E-06	2.5E-06	2.3E-06	5.0E-07	9.6E-06
1029	UCART1	479754.31	3733761.83	479754.31	3.90866	3.14665	10.5998	0.00118	0.0036	0.00013	4.03E-05	1.10E-02	6.49E-04	1.97E-05	6.00E-05	4.06E-06	1.18E-02	4.1E-06	1.2E-05	7.1E-06	6.4E-06	2.9E-06	1.6E-07	3.9E-06	2.3E-06	2.1E-06	4.7E-07	9.0E-06
1030	UCART1	479804.31	3733761.83	479804.31	3.55852	2.882	11.21847	0.00106	0.00294	0.00014	3.67E-05	1.01E-02	6.87E-04	1.77E-05	4.90E-05	4.37E-06	1.09E-02	3.8E-06	1.1E-05	6.6E-06	6.0E-06	2.7E-06	1.5E-07	3.6E-06	2.2E-06	2.0E-06	4.3E-07	8.3E-06
1031	UCART1	479854.31	3733761.83	479854.31	3.22343	2.63263	11.5341	0.00095	0.00243	0.00014	3.33E-05	9.19E-03	7.06E-04	1.58E-05	4.05E-05	4.37E-06	9.99E-03	3.5E-06	1.0E-05	6.0E-06	5.5E-06	2.5E-06	1.4E-07	3.3E-06	2.0E-06	1.8E-06	3.9E-07	7.6E-06
1032	UCART1	479904.31	3733761.83	479904.31	2.91548	2.40399	11.69933	0.00084	0.00201	0.00015	3.01E-05	8.39E-03	7.17E-04	1.40E-05	3.35E-05	4.69E-06	9.19E-03	3.2E-06	9.6E-06	5.6E-06	5.0E-06	2.3E-06	1.2E-07	3.0E-06	1.8E-06	1.7E-06	3.6E-07	7.0E-06
1033	UCART1	479954.31	3733761.83	479954.31	2.64331	2.20121	11.7978	0.00075	0.00166	0.00015	2.73E-05	7.68E-03	7.23E-04	1.25E-05	2.77E-05	4.69E-06	8.48E-03	2.9E-06	8.9E-06	5.1E-06	4.6E-06	2.1E-06	1.2E-07	2.8E-06	1.7E-06	1.5E-06	3.3E-07	6.5E-06
1034	UCART1	480004.31	3733761.83	480004.31	2.4037	2.02136	11.8589	0.00066	0.00139	0.00016	2.48E-05	7.05E-03	7.26E-04	1.10E-05	2.32E-05	5.00E-06	7.84E-03	2.7E-06	8.2E-06	4.7E-06	4.3E-06	2.0E-06	1.1E-07	2.6E-06	1.6E-06	1.4E-06	3.1E-07	6.0E-06
1035	UCART1	480054.31	3733761.83	480054.31	2.19717	1.86545	11.89985	0.00059	0.00116	0.00017	2.27E-05	6.51E-03	7.29E-04	9.83E-06	1.93E-05	5.31E-06	7.30E-03	2.5E-06	7.6E-06	4.4E-06	4.0E-06	1.8E-06	9.9E-08	2.4E-06	1.5E-06	1.3E-06	2.9E-07	5.6E-06
1036	UCART1	480104.31	3733761.83	480104.31	2.01811	1.72956	11.9181	0.00053	0.00098	0.00018	2.08E-05	6.04E-03	7.30E-04	8.83E-06	1.63E-05	5.62E-06	6.82E-03	2.4E-06	7.1E-06	4.1E-06	3.7E-06	1.7E-06	9.3E-08	2.2E-06	1.4E-06	1.2E-06	2.7E-07	5.2E-06
1037	UCART1	480154.31	3733761.83	480154.31	1.86127	1.60981	11.9306	0.00048	0.00084	0.00019	1.92E-05	5.62E-03	7.31E-04	8.00E-06	1.40E-05	5.94E-06	6.40E-03	2.2E-06	6.7E-06	3.9E-06	3.5E-06	1.6E-06	8.7E-08	2.1E-06	1.3E-06	1.2E-06	2.5E-07	4.9E-06
1038	UCART1	480204.31	3733761.83	480204.31	1.72429	1.50467	11.93893	0.00044	0.00072	0.0002	1.78E-05	5.25E-03	7.31E-04	7.33E-06	1.20E-05	6.25E-06	6.03E-03	2.1E-06	6.3E-06	3.6E-06	3.3E-06	1.5E-06	8.2E-08	2.0E-06	1.2E-06	1.1E-06	2.4E-07	4.6E-06
1039	UCART1	480254.31	3733761.83	480254.31	1.60374	1.41158	11.93656	0.0004	0.00063	0.00021	1.65E-05	4.93E-03	7.31E-04	6.67E-06	1.05E-05	6.56E-06	5.70E-03	2.0E-06	6.0E-06	3.4E-06	3.1E-06	1.4E-06	7.7E-08	1.9E-06	1.1E-06	1.0E-06	2.2E-07	4.3E-06
1040	UCART1	480304.31	3733761.83	480304.31	1.49367	1.32575	11.69969	0.00037	0.00055	0.00022	1.55E-05	4.63E-03	7.17E-04	6.17E-06	9.17E-06	6.87E-06	5.38E-03	1.9E-06	5.6E-06	3.3E-06	3.1E-06	1.3E-06	7.3E-08	1.8E-06	1.1E-06	9.7E-07	2.1E-07	4.1E-06
1041	UCART1	480354.31	3733761.83	480354.31	1.4075	1.25938	11.88101	0.00034	0.0005	0.00023	1.45E-05	4.39E-03	7.28E-04	5.67E-06	8.33E-06	7.19E-06	5.16E-03	1.8E-06	5.4E-06	3.1E-06	2.8E-06	1.3E-06	7.0E-08	1.7E-06	1.0E-06	9.3E-07	2.0E-07	3.9E-06
1042	UCART1	480404.31	3733761.83	480404.31	1.32972	1.19921	11.9099	0.00031	0.00045	0.00025	1.37E-05	4.18E-03	7.29E-04	5.17E-06	7.50E-06	7.81E-06	4.95E-03	1.7E-06	5.2E-06	3.0E-06	2.7E-06	1.2E-06	6.7E-08	1.6E-06	9.9E-07	9.0E-07	2.0E-07	3.8E-06
1043	UCART1	480454.31	3733761.83	480454.31	1.26132	1.14635	11.90078	0.00029	0.00041	0.00026	1.30E-05	4.00E-03	7.29E-04	4.83E-06	6.83E-06	8.12E-06	4.76E-03	1.6E-06	5.0E-06	2.9E-06	2.6E-06	1.2E-06	6.5E-08	1.6E-06	9.5E-07	8.6E-07	1.9E-07	3.6E-06
1044	UCART1	480504.31	3733761.83	480504.31	1.2021	1.1009	11.88596	0.00027	0.00037	0.00028	1.24E-05	3.84E-03	7.28E-04	4.50E-06	6.17E-06	8.75E-06	4.60E-03	1.6E-06	4.8E-06	2.8E-06	2.5E-06	1.2E-06	6.3E-08	1.5E-06	9.2E-07	8.3E-07	1.8E-07	3.5E-06
1045	UCART1	480554.31	3733761.83	480554.31	1.15111	1.06221	11.86518	0.00025	0.00034	0.0003	1.19E-05	3.71E-03	7.27E-04	4.17E-06	5.67E-06	9.37E-06	4.46E-03	1.5E-06	4.7E-06	2.7E-06	2.4E-06	1.1E-06	6.1E-08	1.5E-06	8.9E-07	8.1E-07	1.8E-07	3.4E-06
1046	UCART1	480604.31	3733761.83	480604.31	1.10783	1.02999	11.84577	0.00024	0.00031	0.00032	1.14E-05	3.59E-03	7.26E-04	4.00E-06	5.17E-06	1.00E-05	4.35E-03	1.5E-06	4.5E-06	2.6E-06	2.4E-06	1.1E-06	5.9E-08	1.4E-06	8.7E-07	7.9E-07	1.7E-07	3.3E-06
1047	UCART1	480654.31	3733761.83	480654.31	1.07189	1.00408	11.83523	0.00022	0.00028	0.00035	1.11E-05	3.50E-03	7.25E-04	3.67E-06	4.67E-06	1.09E-05	4.26E-03	1.5E-06	4.5E-06	2.6E-06	2.3E-06	1.1E-06	5.8E-08	1.4E-06	8.5E-07	7.7E-07	1.7E-07	3.2E-06
1048	UCART1	480704.31	3733761.83	480704.31	1.04261	0.98398	11.81762	0.00021	0.00026	0.00038	1.08E-05	3.43E-03	7.24E-04	3.50E-06	4.33E-06	1.19E-05	4.19E-03	1.4E-06	4.4E-06	2.5E-06	2.3E-06	1.0E-06	5.7E-08	1.4E-06	8.4E-07	7.6E-07	1.7E-07	3.2E-06
1049	UCART1	480754.31	3733761.83	480754.31	1.01989	0.96974	11.79704	0.0002	0.00024	0.00042	1.05E-05	3.38E-03	7.23E-04	3.33E-06	4.00E-06	1.31E-05	4.14E-03	1.4E-06	4.3E-06	2.5E-06	2.3E-06	1.0E-06	5.6E-08	1.4E-06	8.3E-07	7.5E-07	1.6E-07	3.2E-06
1050	UCART1	480804.31	3733761.83	480804.31	1.00371	0.96145	11.77436	0.00019	0.00023	0.00045	1.04E-05	3.36E-03	7.21E-04	3.17E-06	3.83E-06	1.41E-05	4.11E-03	1.4E-

1126	UCART1	479954.31	3733961.83	479954.31	1.80763	1.56998	3.55407	0.00057	0.0012	0.00014	1.86E-05	5.48E-03	2.18E-04	9.50E-06	2.00E-05	4.37E-06	5.75E-03	2.0E-06	6.0E-06	3.5E-06	3.2E-06	1.4E-06	7.8E-08	1.9E-06	1.1E-06	1.0E-06	2.3E-07	4.4E-06
1127	UCART1	480404.31	3733961.83	480404.31	1.13684	1.03776	3.92374	0.00027	0.00038	0.00022	1.17E-05	3.62E-03	2.40E-04	4.50E-06	6.33E-06	6.87E-06	3.89E-03	1.3E-06	4.1E-06	2.4E-06	2.1E-06	9.7E-07	5.3E-08	1.3E-06	7.8E-07	7.0E-07	1.5E-07	3.0E-06
1128	UCART1	480454.31	3733961.83	480454.31	1.09114	1.00266	3.93859	0.00025	0.00035	0.00023	1.13E-05	3.50E-03	2.41E-04	4.17E-06	5.83E-06	7.19E-06	3.77E-03	1.3E-06	3.9E-06	2.3E-06	2.1E-06	9.4E-07	5.1E-08	1.2E-06	7.5E-07	6.8E-07	1.5E-07	2.9E-06
1129	UCART1	480504.31	3733961.83	480504.31	1.05045	0.97171	3.95093	0.00024	0.00032	0.00025	1.08E-05	3.39E-03	2.42E-04	4.00E-06	5.33E-06	7.81E-06	3.66E-03	1.3E-06	3.8E-06	2.2E-06	2.0E-06	9.2E-07	5.0E-08	1.2E-06	7.3E-07	6.6E-07	1.4E-07	2.8E-06
1130	UCART1	480554.31	3733961.83	480554.31	1.01475	0.94497	3.96107	0.00022	0.00029	0.00027	1.05E-05	3.30E-03	2.43E-04	3.67E-06	4.83E-06	8.44E-06	3.57E-03	1.2E-06	3.7E-06	2.2E-06	2.0E-06	8.9E-07	4.9E-08	1.2E-06	7.1E-07	6.5E-07	1.4E-07	2.7E-06
1131	UCART1	480604.31	3733961.83	480604.31	0.98383	0.92234	3.96908	0.00021	0.00027	0.00029	1.01E-05	3.22E-03	2.43E-04	3.50E-06	4.50E-06	9.06E-06	3.49E-03	1.2E-06	3.6E-06	2.1E-06	1.9E-06	8.7E-07	4.7E-08	1.1E-06	7.0E-07	6.3E-07	1.4E-07	2.7E-06
1132	UCART1	480654.31	3733961.83	480654.31	0.95823	0.90444	3.97541	0.0002	0.00026	0.00031	9.88E-06	3.16E-03	2.43E-04	3.33E-06	4.33E-06	9.69E-06	3.43E-03	1.2E-06	3.6E-06	2.1E-06	1.9E-06	8.6E-07	4.7E-08	1.1E-06	6.8E-07	6.2E-07	1.4E-07	2.6E-06
1133	UCART1	480704.31	3733961.83	480704.31	0.93641	0.88989	3.98075	0.00019	0.00024	0.00034	9.66E-06	3.11E-03	2.44E-04	3.17E-06	4.00E-06	1.06E-05	3.38E-03	1.2E-06	3.5E-06	2.0E-06	1.9E-06	8.5E-07	4.6E-08	1.1E-06	6.7E-07	6.1E-07	1.3E-07	2.6E-06
1134	UCART1	480754.31	3733961.83	480754.31	0.919	0.87936	3.98459	0.00018	0.00022	0.00037	9.48E-06	3.07E-03	2.44E-04	3.00E-06	3.67E-06	1.16E-05	3.34E-03	1.2E-06	3.5E-06	2.0E-06	1.8E-06	8.4E-07	4.5E-08	1.1E-06	6.7E-07	6.0E-07	1.3E-07	2.6E-06
1135	UCART1	480804.31	3733961.83	480804.31	0.90615	0.87311	3.98696	0.00017	0.00021	0.0004	9.35E-06	3.05E-03	2.44E-04	2.83E-06	3.50E-06	1.25E-05	3.32E-03	1.1E-06	3.5E-06	2.0E-06	1.8E-06	8.3E-07	4.5E-08	1.1E-06	6.6E-07	6.0E-07	1.3E-07	2.5E-06
1136	UCART1	480854.31	3733961.83	480854.31	0.89757	0.87091	3.98775	0.00016	0.0002	0.00044	9.26E-06	3.04E-03	2.44E-04	2.67E-06	3.33E-06	1.37E-05	3.31E-03	1.1E-06	3.5E-06	2.0E-06	1.8E-06	8.3E-07	4.5E-08	1.1E-06	6.6E-07	6.0E-07	1.3E-07	2.5E-06
1137	UCART1	479854.31	3734011.83	479854.31	1.80826	1.5766	2.81551	0.00062	0.0015	0.00013	1.87E-05	5.50E-03	1.72E-04	1.03E-05	2.50E-05	4.06E-06	5.73E-03	2.0E-06	6.0E-06	3.5E-06	3.1E-06	1.4E-06	7.8E-08	1.9E-06	1.1E-06	1.0E-06	2.3E-07	4.4E-06
1138	UCART1	479904.31	3734011.83	479904.31	1.7345	1.51549	2.91981	0.00058	0.00129	0.00013	1.79E-05	5.29E-03	1.79E-04	9.67E-06	2.15E-05	4.06E-06	5.52E-03	1.9E-06	5.8E-06	3.3E-06	3.0E-06	1.4E-06	7.5E-08	1.8E-06	1.1E-06	1.0E-06	2.2E-07	4.2E-06
1139	UCART1	479954.31	3734011.83	479954.31	1.65552	1.45034	3.00701	0.00053	0.00111	0.00014	1.71E-05	5.06E-03	1.84E-04	8.83E-06	1.85E-05	4.37E-06	5.29E-03	1.8E-06	5.5E-06	3.2E-06	2.9E-06	1.3E-06	7.2E-08	1.7E-06	1.1E-06	9.6E-07	2.1E-07	4.0E-06
1140	UCART1	480454.31	3734011.83	480454.31	1.04928	0.96691	3.37678	0.00024	0.00033	0.00023	1.08E-05	3.37E-03	2.07E-04	4.00E-06	5.50E-06	7.19E-06	3.61E-03	1.2E-06	3.8E-06	2.2E-06	2.0E-06	9.0E-07	4.9E-08	1.2E-06	7.2E-07	6.5E-07	1.4E-07	2.8E-06
1141	UCART1	480504.31	3734011.83	480504.31	1.01268	0.93916	3.38973	0.00023	0.00031	0.00024	1.04E-05	3.28E-03	2.08E-04	3.83E-06	5.17E-06	7.50E-06	3.51E-03	1.2E-06	3.7E-06	2.1E-06	1.9E-06	8.8E-07	4.8E-08	1.2E-06	7.0E-07	6.4E-07	1.4E-07	2.7E-06
1142	UCART1	480554.31	3734011.83	480554.31	0.98036	0.91507	3.40054	0.00021	0.00028	0.00026	1.01E-05	3.19E-03	2.08E-04	3.50E-06	4.67E-06	8.12E-06	3.43E-03	1.2E-06	3.6E-06	2.1E-06	1.9E-06	8.6E-07	4.7E-08	1.1E-06	6.8E-07	6.2E-07	1.4E-07	2.6E-06
1143	UCART1	480604.31	3734011.83	480604.31	0.95185	0.89425	3.40891	0.0002	0.00026	0.00028	9.82E-06	3.12E-03	2.09E-04	3.33E-06	4.33E-06	8.75E-06	3.36E-03	1.2E-06	3.5E-06	2.0E-06	1.8E-06	8.4E-07	4.6E-08	1.1E-06	6.7E-07	6.1E-07	1.3E-07	2.6E-06
1144	UCART1	480654.31	3734011.83	480654.31	0.92823	0.8778	3.41668	0.00019	0.00025	0.0003	9.57E-06	3.06E-03	2.09E-04	3.17E-06	4.17E-06	9.37E-06	3.30E-03	1.1E-06	3.4E-06	2.0E-06	1.8E-06	8.3E-07	4.5E-08	1.1E-06	6.6E-07	6.0E-07	1.3E-07	2.5E-06
1145	UCART1	480704.31	3734011.83	480704.31	0.90808	0.86445	3.42237	0.00018	0.00023	0.00033	9.37E-06	3.02E-03	2.10E-04	3.00E-06	3.83E-06	1.03E-05	3.25E-03	1.1E-06	3.4E-06	2.0E-06	1.8E-06	8.1E-07	4.4E-08	1.1E-06	6.5E-07	5.9E-07	1.3E-07	2.5E-06
1146	UCART1	480754.31	3734011.83	480754.31	0.89204	0.85489	3.42663	0.00017	0.00022	0.00036	9.20E-06	2.98E-03	2.10E-04	2.83E-06	3.67E-06	1.12E-05	3.22E-03	1.1E-06	3.4E-06	1.9E-06	1.8E-06	8.1E-07	4.4E-08	1.1E-06	6.4E-07	5.8E-07	1.3E-07	2.5E-06
1147	UCART1	480804.31	3734011.83	480804.31	0.87996	0.84509	3.42848	0.00016	0.0002	0.00039	9.08E-06	2.96E-03	2.10E-04	2.67E-06	3.33E-06	1.22E-05	3.20E-03	1.1E-06	3.3E-06	1.9E-06	1.8E-06	8.0E-07	4.4E-08	1.1E-06	6.4E-07	5.8E-07	1.3E-07	2.4E-06
1148	UCART1	480854.31	3734011.83	480854.31	0.8713	0.84647	3.4307	0.00016	0.00019	0.00043	8.99E-06	2.95E-03	2.10E-04	2.67E-06	3.17E-06	1.34E-05	3.19E-03	1.1E-06	3.3E-06	1.9E-06	1.8E-06	8.0E-07	4.3E-08	1.0E-06	6.4E-07	5.8E-07	1.3E-07	2.4E-06
1149	UCART1	480604.31	3734061.83	480604.31	0.92051	0.86662	2.98282	0.0002	0.00026	0.00027	9.50E-06	3.02E-03	1.83E-04	3.33E-06	4.33E-06	8.44E-06	3.23E-03	1.1E-06	3.4E-06	2.0E-06	1.8E-06	8.1E-07	4.4E-08	1.1E-06	6.5E-07	5.9E-07	1.3E-07	2.5E-06
1150	UCART1	480654.31	3734061.83	480654.31	0.89853	0.85132	2.99038	0.00019	0.00024	0.00029	9.27E-06	2.97E-03	1.83E-04	3.17E-06	4.00E-06	9.06E-06	3.18E-03	1.1E-06	3.3E-06	1.9E-06	1.7E-06	8.0E-07	4.3E-08	1.0E-06	6.3E-07	5.8E-07	1.3E-07	2.4E-06
1151	UCART1	480704.31	3734061.83	480704.31	0.88001	0.83915	2.9964	0.00018	0.00022	0.00032	9.08E-06	2.93E-03	1.84E-04	3.00E-06	3.67E-06	1.00E-05	3.14E-03	1.1E-06	3.3E-06	1.9E-06	1.7E-06	7.9E-07	4.3E-08	1.0E-06	6.3E-07	5.7E-07	1.2E-07	2.4E-06
1152	UCART1	480754.31	3734061.83	480754.31	0.86494	0.83018	3.00101	0.00017	0.00021	0.00035	8.92E-06	2.90E-03	1.84E-04	2.83E-06	3.50E-06	1.09E-05	3.11E-03	1.1E-06	3.2E-06	1.9E-06	1.7E-06	7.8E-07	4.2E-08	1.0E-06	6.2E-07	5.6E-07	1.2E-07	2.4E-06
1153	UCART1	480804.31	3734061.83	480804.31	0.85332	0.82445	3.00435	0.00016	0.0002	0.00038	8.80E-06	2.88E-03	1.84E-04	2.67E-06	3.33E-06	1.19E-05	3.09E-03	1.1E-06	3.2E-06	1.9E-06	1.7E-06	7.7E-07	4.2E-08	1.0E-06	6.2E-07	5.6E-07	1.2E-07	2.4E-06
1154	UCART1	480854.31	3734061.83	480854.31	0.84491	0.82181	3.00593	0.00015	0.00019	0.00042	8.72E-06	2.87E-03	1.84E-04	2.50E-06	3.17E-06	1.31E-05	3.08E-03	1.1E-06	3.2E-06	1.9E-06	1.7E-06	7.7E-07	4.2E-08	1.0E-06	6.1E-07	5.6E-07	1.2E-07	2.3E-06
1155	UCART1	479709.83	3732002.05	479709.83	1.1897	1.25809	0.42013	0.0019	0.00097	0.00011	1.23E-05	4.39E-03	2.57E-05	3.17E-05	1.62E-05	3.44E-06	4.48E-03	1.6E-06	4.7E-06	2.7E-06	2.5E-06	1.1E-06	6.1E-08	1.5E-06	8.9E-07	8.1E-07	1.8E-07	3.4E-06
1156	UCART1	479759.83	3732002.05	479759.83	1.23309	1.29908	0.44054	0.00193	0.00101	0.00011	1.27E-05	4.53E-03	2.70E-05	3.22E-05	1.68E-05	3.44E-06	4.63E-03	1.6E-06	4.8E-06	2.8E-06	2.5E-06	1.2E-06	6.3E-08	1.5E-06	9.2E-07	8.4E-07	1.8E-07	3.5E-06
1157	UCART1	479809.83	3732002.05	479809.83	1.26169	1.3203	0.4599	0.00192	0.00104	0.00011	1.30E-05	4.61E-03	2.82E-05	3.20E-05	1.73E-05	3.44E-06	4.70E-03	1.6E-06	4.9E-06	2.8E-06	2.6E-06	1.2E-06	6.4E-08	1.5E-06	9.4E-07	8.5E-07	1.9E-07	3.6E-06
1158	UCART1	479859.83	3732002.05	479859.83	1.27506	1.32278	0.4775	0.00189	0.00107	0.00012	1.32E-05	4.62E-03	2.92E-05	3.15E-05	1.78E-05	3.75E-06	4.71E-03	1.6E-06	4.9E-06	2.9E-06	2.6E-06	1.2E-06	6.4E-08	1.5E-06	9.4E-07	8.5E-07	1.9E-07	3.6E-06
1159	UCART1	479909.83	3732002.05	479909.83	1.26754	1.30516	0.49484	0.00183	0.00108	0.00012	1.31E-05	4.55E-03	3.03E-05	3.05E-05	1.80E-05	3.75E-06	4.65E-03	1.6E-06	4.9E-06	2.8E-06	2.6E-06	1.2E-06	6.3E-08	1.5E-06	9.3E-07	8.4E-07	1.8E-07	3.5E-06
1160	UCART1	479959.83	3732002.05	479959.83	1.23693	1.26625	0.5116	0.00175	0.00108	0.00012	1.28E-05	4.42E-03	3.13E-05	2.92E-05	1.80E-05	3.75E-06	4.51E-03	1.6E-06	4.7E-06	2.7E-06	2.5E-06	1.1E-06	6.1E-08	1.5E-06	9.0E-07	8.2E-07	1.8E-07	3.4E-06
1161	UCART1	480009.83	3732002.05	480009.83	1.21315	1.22558	0.52583	0.00164	0.00107	0.00013	1.25E-05	4.28E-03	3.22E-05	2.73E-05	1.78E-05	4.06E-06	4.37E-03	1.5E-06	4.6E-06	2.6E-06	2.4E-06	1.1E-06	5.9E-08	1.4E-06	8.7E-07	7.9E-07	1.7E-07	3.3E-06
1162	UCART1	480059.83	3732002.05	480059.83	1.17537	1.17431	0.53936	0.00153	0.00104	0.00013	1.21E-05	4.10E-03	3.30E-05	2.55E-05	1.73E-05	4.06E-06	4.19E-03	1.5E-06	4.4E-06	2.5E-06	2.3E-06	1.0E-06	5.7E-08	1.4E-06	8.4E-07	7.6E-07	1.7E-07	3.2E-06
1163	UCART1	480109.83	3732002.05	480109.83	1.09496	1.10208	0.55288	0.00142	0.00101	0.00013	1.13E-05	3.85E-03	3.39E-05	2.37E-05	1.68E-05	4.06E-06	3.94E-03	1.4E-06	4.1E-06	2.4E-06	2.2E-06	9.9E-07	5.4E-08	1.3E-06	7.9E-07	7.1E-07	1.6E-07	3.0E-06
1164	UCART1	480159.83	3732002.05	480159.83	1.06338	1.06143	0.56387	0.00132	0.00097	0.00014	1.10E-05	3.70E-03	3.45E-05	2.20E-05	1.62E-05	4.37E-06	3.79E-03	1.3E-06	4.0E-06	2.3E-06	2.1E-06	9.5E-07	5.2E-08	1.2E-06	7.6E-07	6.9E-07	1.5E-07	2.9E-06
1165	UCART1	480209.83	3732002.05	480209.83	1.02167	0.98168	0.57434	0.00122	0.00093	0.00014	1.05E-05	3.43E-03	3.52E-05	2.03E-05	1.55E-05	4.37E-06	3.51E-03	1.2E-06	3.7E-06	2.1E-06	1.9E-06	8.8E-07	4.8E-08	1.2E-06	7.0E-07	6.4E-07	1.4E-07	2.7E-06
1166	UCART1	480259.83	3732002.05	480259.83	0.9813	0.9275	0.5841	0.00113	0.00089	0.00014	1.01E-05	3.24E-03	3.58E-05	1.88E-05	1.48E-05	4.37E-06	3.32E-03	1.1E-06	3.5E-06	2.0E-06	1.8E-06	8.3E-07	4.5E-08	1.1E-06	6.6E-07	6.0E-07	1.3E-07	2.5E-06
1167	UCART1	480309.83	3732002.05	480309.83	0.94715	0.89248	0.59294	0.00104	0.00084	0.00015	9.77E-06	3.11E-03	3.63E-05	1.73E-05	1.40E-05	4.69E-06	3.20E-03	1.1E-06	3.3E-06	1.9E-06	1.8E-06	8.0E-07	4.3E-08	1.1E-06	6.4E-07	5.8E-07	1.3E-07	2.4E-06
1168	UCART1	480359.83	3732002.05	480359.83	0.91273	0.86569	0.60159	0.00097	0.00079	0.00015	9.42E-06	3.02E-03	3.68E-05	1.62E-05	1.32E-05	4.69E-06	3.10E-03	1.1E-06	3.2E-06	1.9E-06	1.7E-06	7.8E-07	4.2E-08	1.0E-06	6.2E-07	5.6E-07	1.2E-07	2.4E-06
1169	UCART1	480409.83	3732002.05	480409.83	0.87833	0.83611	0.60946	0.0009	0.00075	0.00015	9.06E-06	2.92E-03	3.73E-05	1.50E-05	1.25E-05	4.69E-06	3.00E-03	1.0E-06	3.1E-06	1.8E-06	1.6E-06	7.5E-07	4.1E-08	9.8E-07	6.0E-07	5.4E-07	1.2E-07	2.3E-06
1170	UCART1	480459.83	3732002.05	480459.83	0.83422	0.78991	0.6136	0.00084	0.00071	0.00016	8.61E-06	2.76E-03	3.76E-05	1.40E-05	1.18E-05	5.00E-06	2.83E-03	9.8E-07	3.0E-06	1.7E-06	1.6E-06	7.1E-07	3.9E-08	9.3E-07	5.7E-07	5.1E-07	1.1E-07	2.2E-06
1171	UCART1	480509.83	3732002.05	480509.83	0.79299	0.75229	0.61882	0.0008	0.00067	0.00016	8.22E-06	2.65E-03	3.79E-05	1.30E-05	1.12E-05	5.00E-06	2.72E-03	9.4E-07	2.8E-06	1.6E-06	1.5E-06	6.8E-07	3.7E-08	8.9E-07	5.4E-07	4.9E-07	1.1E-07	2.1E-06
1172	UCART1	480559.83	3732002.05	480559.83	0.76518	0.73035	0.62454	0.00073	0.00064	0.00017	7.89E-06	2.55E-03	3.83E-05	1.22E-05	1.07E-05	5.31E-06	2.62E-03	9.1E-07	2.7E-06	1.6E-06	1.4E-06	6.6E-07	3.6E-08	8.6E-07	5.2E-07	4.7E-07	1.0E-07	2.0E-06
1173	UCART1	480609.83	3732002.05	480609.83	0.73513	0.70392	0.62958	0.00068	0.00061	0.00017	7.58E-06	2.46E-03	3.86E-05	1.13E-05	1.02E-05	5.31E-06	2.53E-03	8.8E-07	2.6E-06	1.5E-06	1.4E-06	6.3E-07	3.4E-08	8.3E-07	5.1E-07	4.6E-07	1.0E-07	1.9E-06
1174	UCART1	480659.83	3732002.05	480659.83	0.70708	0.67918	0.63367	0.00064	0.00058	0.00018	7.29E-06	2.37E-03	3.88E-05	1.07E-05	9.67E-06	5.62E-06	2.44E-03	8.5E-07	2.6E-06	1.5E-06	1.3E-06	6.1E-07	3.3E-08	8.0E-07	4.9E-07	4.4E-07	9.6E-08	1.9E-06
1175	UCART1	480709.83	3732002.05	480709.83	0.67323	0.64857	0.63702	0.00059	0.00055	0.00018	6.94E-06	2.26E-03	3.90E-05	9.83E-06	9.17E-06	5.62E-06	2.33E-03	8.1E-07	2.4E-06	1.4E-06	1.3E-06	5.8E-07	3.2E-08	7.7E-07	4.7E-07	4.2E-07	9.2E-08	1.8E-06
1176	UCART1	480759.83	3732002.05	480759.83	0.64942	0.6303	0.63966	0.00055	0.00052	0.00019	6.70E-06	2.20E-03	3.92E-05	9.17E-06	8.67E-06	5.94E-06	2.27E-03	7.9E-07	2.4E-06	1.4E-06	1.2E-06	5.7E-07	3.1E-08	7.5E-07	4.5E-07	4.1E-07	9.0E-08	1.7E-06
1177	UCART1	480809.83	3732002.05	480809.83	0.63104	0.61375	0.64153	0.00051	0.0005	0.0002	6.51E-06	2.14E-03	3.93E-05	8.50E-06	8.33E-06	6.25E-06	2.21E-03	7.7E-07	2.3E-06	1.3E-06	1.2E-06	5.5E-07	3.0E-08	7.3E-07	4.4E-07	4.0E-07	8.7E-08	1.7E-06
1178	UCART1	480859.83	3732002.05	480859.83	0.61283	0.5971	0.64423	0.00048	0.00048	0.0002	6.32E-06	2.08E-03	3.95E-05	8.00E-06	8.00E-06	6.25E-06	2.15E-03	7.4E-07	2.2E-06	1.3E-06	1.2E-06	5.4E-07	2.9E-08	7.1E-07	4.3E-07	3.9E-07	8.5E-08	1.6E-06
1179	UCART1	480909.83	3732002.05	480909.83	0.599	0.58508	0.63808	0.00044	0.00046	0.00021	6.18E-06	2.04E-03	3.91E-05	7.33E-06	7.67E-06	6.56E-06	2.11E-03	7.3E-07	2.2E-06	1.3E-06	1.2E-06	5.3E-07	2.9E-08	6.9E-07	4.2E-07	3.8E-07	8.3E-08	1.6E-06
1180	UCART1	480959.83	3732002.05	480959.83	0.58431	0.57196	0.62756	0.00041	0.00043	0.00022	6.03E-06	2.00E-03	3.84E-05	6.83E-06	7.17E-06	6.87E-06	2.06E-03	7.1E-07	2.2E-06	1.2E-06	1.1E-06	5.2E-07	2.8E-08	6.8E-07	4.1E-07	3.7E-07	8.1E-08	1.6E-06
1181	UCART1	481009.83	3732002.05	481009.83	0.56998	0.55894	0.62547	0.00038	0.00041	0.00024	5.88E-06	1.95E-03	3.83E-05	6.33E-06	6.83E-06	7.50E-06	2.02E-03	7.0E-07	2.1E-06	1.2E-06	1.1E-06	5.0E-07	2.7E-08	6.6E-07	4.0E-07	3.6E-07	8.0E-08	1.5E-06
1182	UCART1	481059.83	3732002.05	481059.83	0.55854	0.5495	0.62345	0.00036	0.0004	0.00025	5.76E-06	1.92E-03	3.82E-05	6.00E-06	6.67E-06	7.81E-06	1.98E-03	6.9E-07	2.1E-06	1.2E-06	1.1E-06	5.0E-07	2.7E-08	6.5E-07	4.0E-07	3.6E-07	7.9E-08	1.5E-06
1183	UCART1	481109.83	3732002.05	481109.83	0.54554	0.5379	0.62023	0.00033	0.00038	0.00026	5.63E-06	1.88E-03	3.80E-05	5.50E-06	6.33E-06	8.12E-06	1.94E-03	6.7E-07	2.0E-06	1.2E-06	1.1E-06	4.9E-07	2.6E-08	6.4E-07	3.9E-07	3.5E-07	7.7E-08	1.5E-06
1184	UCART1	481159.83	3732002.05	481159.83	0.53339	0.52712	0.61243	0.00031	0.00036	0.00028	5.50E-06	1.84E-03	3.75E-05	5.17E-06	6.00E-06	8.75E-06	1.90E-03	6.6E-07	2.0E-06	1.2E-06	1.0E-06	4.8E-07	2.6E-08	6.2E-07	3.8E-07	3.4E-07	7.5E-08	1.5E-06
1185	UCART1	481209.83	3732002.05	481209.83	0.52199	0.51708	0.60647	0.00029	0.00034	0.0003	5.38E-06	1.80E-03	3.71E-05	4.83E-06	5.67E-06	9.37E-06	1.87E-03	6.5E-07	2.0E-06	1.1E-06	1.0E-06	4.7E-07	2.5E-08	6.1E-07	3.7E-07	3.4E-07	7.4E-08	1.4E-06
1186	UCART1	481259.83	3732002.05	481259.83	0.51129	0.50771	0.59774	0.00027	0.00032	0.00032	5.27E-06	1.77E-03	3.66E-05	4.50E-06	5.33E-06	1.00E-05	1.83E-03	6.3E-07	1.9E-06	1.1E-06	1.0E-06	4.6E-07	2.5E-08	6.0E-07	3.7E-07	3.3E-07	7.2E-08	1.4E-06
1187	UCART1	481309.83	3732002.05	481309.83	0.50121	0.49892	0.59459	0.00025	0.00031	0.00035	5.17E-06	1.74E-03	3.64E-05	4.17E-06	5.17E-06	1.09E-05	1.80E-03	6.2E-07	1.9E-06	1.1E-06	9.9E-07	4.5E-07	2.5E-08	5.9E-07	3.6E-07	3.3E-07	7.1E-08	1.4E-06
1188	UCART1	481359.83	3732002.05	481359.83	0.49174	0.49069	0.59158	0.00023	0.00029	0.00038	5.07E-06	1.71E-03	3.62E-05	3.83E-06	4.83E-06	1.19E-05	1.77E-03	6.1E-07	1.9E-06	1.1E-06	9.7E-07	4.4E-07	2.4E-08	5.8E-07	3.5E-07	3.2E-07	7.0E-08	1.4E-06
1189	UCART1	481409.83	3732002.05	481409.83	0.48281	0.48297	0.58823	0.00022	0.00028	0.00041	4.98E-06	1.69E-03	3.60E-05	3.67E-06	4.67E-06	1.28E-05	1.75E-03	6.0E-07	1.8E-06	1.1E-06	9.6E-07	4.4E-07	2.4E-08	5.7E-07	3.5E-07	3.2E-07	6.9E-08	1.3E-06
1190	UCART1	481459.83	3732002.05	481459.83	0.47438	0.47569	0.58454	0.0002	0.00026	0.00044	4.89E-06	1.66E-03	3.58E-05	3.33E-06	4.33E-06	1.37E-05	1.72E-03	6.0E-07	1.8E-06	1.0E-06	9.4E-07	4.3E-07	2.3E-08	5.7E-07	3.4E-07	3.1E-07	6.8E-08	1.3E-06
1191	UCART1	481509.83	3732002.05	481509.83	0.46638	0.46879	0.58053	0.00019	0.00025	0.00048	4.81E-06	1.64E-03	3.56E-05	3.17E-06	4.17E-06	1.50E-05	1.70E-03	5.9E-07	1.8E-06	1.0E-06	9.3E-07	4.3E-07	2.3E-08	5.6E-07	3.4E-07	3.1E-07	6.7E-08	1.3E-06
1192	UCART1	481559.83	3732002.05	481559.83	0.45877	0.46223	0.5762	0.00018	0.00024	0.00052	4.73E-06	1.61E-03	3.53E-05	3.00E-06	4.00E-06	1.62E-05

1268	UCART2	481359.83	3732102.05	481359.83	0.51926	0.51878	0.6417	0.00021	0.00028	0.00041	5.36E-06	1.81E-03	3.93E-05	3.50E-06	4.67E-06	1.28E-05	1.88E-03	6.5E-07	2.0E-06	1.1E-06	1.0E-06	4.7E-07	2.6E-08	6.2E-07	3.7E-07	3.4E-07	7.4E-08	1.4E-06
1269	UCART2	481409.83	3732102.05	481409.83	0.51018	0.51105	0.63786	0.0002	0.00027	0.00045	5.26E-06	1.78E-03	3.91E-05	3.33E-06	4.50E-06	1.41E-05	1.85E-03	6.4E-07	1.9E-06	1.1E-06	1.0E-06	4.6E-07	2.5E-08	6.1E-07	3.7E-07	3.3E-07	7.3E-08	1.4E-06
1270	UCART2	481459.83	3732102.05	481459.83	0.50163	0.5038	0.63363	0.00018	0.00025	0.00049	5.17E-06	1.76E-03	3.88E-05	3.00E-06	4.17E-06	1.53E-05	1.82E-03	6.3E-07	1.9E-06	1.1E-06	1.0E-06	4.6E-07	2.5E-08	6.0E-07	3.6E-07	3.3E-07	7.2E-08	1.4E-06
1271	UCART2	481509.83	3732102.05	481509.83	0.49355	0.49697	0.62902	0.00017	0.00024	0.00054	5.09E-06	1.73E-03	3.85E-05	2.83E-06	4.00E-06	1.69E-05	1.80E-03	6.2E-07	1.9E-06	1.1E-06	9.9E-07	4.5E-07	2.5E-08	5.9E-07	3.6E-07	3.3E-07	7.1E-08	1.4E-06
1272	UCART2	481559.83	3732102.05	481559.83	0.48588	0.4905	0.62404	0.00016	0.00022	0.00059	5.01E-06	1.71E-03	3.82E-05	2.67E-06	3.67E-06	1.84E-05	1.78E-03	6.2E-07	1.9E-06	1.1E-06	9.8E-07	4.5E-07	2.4E-08	5.8E-07	3.6E-07	3.2E-07	7.0E-08	1.4E-06
1273	UCART2	481609.83	3732102.05	481609.83	0.47857	0.48433	0.6187	0.00015	0.00021	0.00064	4.94E-06	1.69E-03	3.79E-05	2.50E-06	3.50E-06	2.00E-05	1.76E-03	6.1E-07	1.8E-06	1.1E-06	9.6E-07	4.4E-07	2.4E-08	5.8E-07	3.5E-07	3.2E-07	6.9E-08	1.3E-06
1274	UCART2	481659.83	3732102.05	481659.83	0.47156	0.47841	0.61301	0.00014	0.0002	0.00069	4.86E-06	1.67E-03	3.75E-05	2.33E-06	3.33E-06	2.16E-05	1.74E-03	6.0E-07	1.8E-06	1.1E-06	9.5E-07	4.4E-07	2.4E-08	5.7E-07	3.5E-07	3.1E-07	6.9E-08	1.3E-06
1275	UCART2	479709.83	3732152.05	479709.83	1.52343	1.62469	0.48824	0.00276	0.00125	0.00011	1.57E-05	5.67E-03	2.99E-05	4.60E-05	2.08E-05	3.44E-06	5.79E-03	2.0E-06	6.0E-06	3.5E-06	3.2E-06	1.4E-06	7.9E-08	1.9E-06	1.2E-06	1.0E-06	2.3E-07	4.4E-06
1276	UCART2	479759.83	3732152.05	479759.83	1.56454	1.65292	0.50852	0.00276	0.0013	0.00011	1.61E-05	5.77E-03	3.11E-05	4.60E-05	2.17E-05	3.44E-06	5.89E-03	2.0E-06	6.2E-06	3.6E-06	3.2E-06	1.5E-06	8.0E-08	1.9E-06	1.2E-06	1.1E-06	2.3E-07	4.5E-06
1277	UCART2	479809.83	3732152.05	479809.83	1.58859	1.65809	0.5285	0.00269	0.00134	0.00012	1.64E-05	5.79E-03	3.24E-05	4.48E-05	2.23E-05	3.75E-06	5.91E-03	2.0E-06	6.2E-06	3.6E-06	3.2E-06	1.5E-06	8.0E-08	1.9E-06	1.2E-06	1.1E-06	2.3E-07	4.5E-06
1278	UCART2	479859.83	3732152.05	479859.83	1.59217	1.63995	0.54795	0.00259	0.00136	0.00012	1.64E-05	5.72E-03	3.36E-05	4.32E-05	2.27E-05	3.75E-06	5.84E-03	2.0E-06	6.1E-06	3.5E-06	3.2E-06	1.5E-06	7.9E-08	1.9E-06	1.2E-06	1.1E-06	2.3E-07	4.5E-06
1279	UCART2	479909.83	3732152.05	479909.83	1.5704	1.59875	0.56704	0.00242	0.00136	0.00013	1.62E-05	5.58E-03	3.47E-05	4.03E-05	2.27E-05	4.06E-06	5.70E-03	2.0E-06	6.0E-06	3.4E-06	3.1E-06	1.4E-06	7.7E-08	1.9E-06	1.1E-06	1.0E-06	2.2E-07	4.3E-06
1280	UCART2	479959.83	3732152.05	479959.83	1.5326	1.54018	0.58507	0.00224	0.00134	0.00013	1.58E-05	5.37E-03	3.58E-05	3.73E-05	2.23E-05	4.06E-06	5.49E-03	1.9E-06	5.7E-06	3.3E-06	3.0E-06	1.4E-06	7.5E-08	1.8E-06	1.1E-06	9.9E-07	2.2E-07	4.2E-06
1281	UCART2	480009.83	3732152.05	480009.83	1.48426	1.46854	0.60195	0.00205	0.00131	0.00013	1.53E-05	5.12E-03	3.69E-05	3.42E-05	2.18E-05	4.06E-06	5.24E-03	1.8E-06	5.5E-06	3.2E-06	2.9E-06	1.3E-06	7.1E-08	1.7E-06	1.0E-06	9.5E-07	2.1E-07	4.0E-06
1282	UCART2	480059.83	3732152.05	480059.83	1.416	1.38481	0.61779	0.00187	0.00126	0.00014	1.46E-05	4.83E-03	3.78E-05	3.12E-05	2.10E-05	4.37E-06	4.94E-03	1.7E-06	5.2E-06	3.0E-06	2.7E-06	1.2E-06	6.7E-08	1.6E-06	9.9E-07	8.9E-07	2.0E-07	3.8E-06
1283	UCART2	480109.83	3732152.05	480109.83	1.33264	1.30377	0.63218	0.0017	0.0012	0.00014	1.37E-05	4.55E-03	3.87E-05	2.83E-05	2.00E-05	4.37E-06	4.66E-03	1.6E-06	4.9E-06	2.8E-06	2.6E-06	1.2E-06	6.3E-08	1.5E-06	9.3E-07	8.4E-07	1.8E-07	3.5E-06
1284	UCART2	480159.83	3732152.05	480159.83	1.25326	1.22478	0.64517	0.00155	0.00114	0.00015	1.29E-05	4.27E-03	3.95E-05	2.58E-05	1.90E-05	4.69E-06	4.38E-03	1.5E-06	4.6E-06	2.6E-06	2.4E-06	1.1E-06	6.0E-08	1.4E-06	8.7E-07	7.9E-07	1.7E-07	3.3E-06
1285	UCART2	480209.83	3732152.05	480209.83	1.17826	1.11649	0.6568	0.00142	0.00108	0.00015	1.22E-05	3.90E-03	4.02E-05	2.37E-05	1.80E-05	4.69E-06	4.00E-03	1.4E-06	4.2E-06	2.4E-06	2.2E-06	1.0E-06	5.4E-08	1.3E-06	8.0E-07	7.2E-07	1.6E-07	3.0E-06
1286	UCART2	480259.83	3732152.05	480259.83	1.1226	1.04944	0.66621	0.00129	0.00101	0.00016	1.16E-05	3.66E-03	4.08E-05	2.15E-05	1.68E-05	5.00E-06	3.76E-03	1.3E-06	3.9E-06	2.3E-06	2.1E-06	9.4E-07	5.1E-08	1.2E-06	7.5E-07	6.8E-07	1.5E-07	2.9E-06
1287	UCART2	480309.83	3732152.05	480309.83	1.06741	1.0002	0.67466	0.00119	0.00095	0.00016	1.10E-05	3.49E-03	4.13E-05	1.98E-05	1.58E-05	5.00E-06	3.58E-03	1.2E-06	3.7E-06	2.2E-06	2.0E-06	9.0E-07	4.9E-08	1.2E-06	7.2E-07	6.5E-07	1.4E-07	2.7E-06
1288	UCART2	480359.83	3732152.05	480359.83	1.0144	0.95338	0.68282	0.00109	0.00089	0.00017	1.05E-05	3.33E-03	4.18E-05	1.82E-05	1.48E-05	5.31E-06	3.42E-03	1.2E-06	3.6E-06	2.1E-06	1.9E-06	8.6E-07	4.6E-08	1.1E-06	6.8E-07	6.2E-07	1.3E-07	2.6E-06
1289	UCART2	480409.83	3732152.05	480409.83	0.96375	0.90889	0.69018	0.001	0.00084	0.00017	9.94E-06	3.17E-03	4.23E-05	1.67E-05	1.40E-05	5.31E-06	3.26E-03	1.1E-06	3.4E-06	2.0E-06	1.8E-06	8.2E-07	4.4E-08	1.0E-06	6.5E-07	5.9E-07	1.3E-07	2.5E-06
1290	UCART2	480459.83	3732152.05	480459.83	0.9171	0.86852	0.69709	0.00091	0.00079	0.00018	9.46E-06	3.03E-03	4.27E-05	1.52E-05	1.32E-05	5.62E-06	3.12E-03	1.1E-06	3.3E-06	1.9E-06	1.7E-06	7.8E-07	4.2E-08	1.0E-06	6.2E-07	5.6E-07	1.2E-07	2.4E-06
1291	UCART2	480509.83	3732152.05	480509.83	0.87481	0.83117	0.70336	0.00084	0.00074	0.00018	9.02E-06	2.90E-03	4.31E-05	1.40E-05	1.23E-05	5.62E-06	2.98E-03	1.0E-06	3.1E-06	1.8E-06	1.6E-06	7.5E-07	4.1E-08	9.8E-07	6.0E-07	5.4E-07	1.2E-07	2.3E-06
1292	UCART2	480559.83	3732152.05	480559.83	0.83589	0.79663	0.70887	0.00077	0.0007	0.00019	8.62E-06	2.78E-03	4.34E-05	1.28E-05	1.17E-05	5.94E-06	2.86E-03	9.9E-07	3.0E-06	1.7E-06	1.6E-06	7.2E-07	3.9E-08	9.4E-07	5.7E-07	5.2E-07	1.1E-07	2.2E-06
1293	UCART2	480609.83	3732152.05	480609.83	0.80038	0.75665	0.71367	0.0007	0.00066	0.00019	8.26E-06	2.64E-03	4.37E-05	1.17E-05	1.10E-05	5.94E-06	2.72E-03	9.4E-07	2.8E-06	1.6E-06	1.5E-06	6.8E-07	3.7E-08	8.9E-07	5.4E-07	4.9E-07	1.1E-07	2.1E-06
1294	UCART2	480659.83	3732152.05	480659.83	0.75787	0.72974	0.71768	0.00064	0.00062	0.0002	7.82E-06	2.55E-03	4.40E-05	1.07E-05	1.03E-05	6.25E-06	2.63E-03	9.1E-07	2.7E-06	1.6E-06	1.4E-06	6.6E-07	3.6E-08	8.6E-07	5.2E-07	4.8E-07	1.0E-07	2.0E-06
1295	UCART2	480709.83	3732152.05	480709.83	0.73198	0.70623	0.7212	0.00059	0.00059	0.0002	7.55E-06	2.46E-03	4.42E-05	9.83E-06	9.83E-06	6.25E-06	2.54E-03	8.8E-07	2.7E-06	1.5E-06	1.4E-06	6.4E-07	3.5E-08	8.4E-07	5.1E-07	4.6E-07	1.0E-07	1.9E-06
1296	UCART2	480759.83	3732152.05	480759.83	0.70844	0.68499	0.72412	0.00054	0.00056	0.00021	7.31E-06	2.39E-03	4.43E-05	9.00E-06	9.33E-06	6.56E-06	2.47E-03	8.5E-07	2.6E-06	1.5E-06	1.4E-06	6.2E-07	3.4E-08	8.1E-07	4.9E-07	4.5E-07	9.7E-08	1.9E-06
1297	UCART2	480809.83	3732152.05	480809.83	0.68718	0.66602	0.72595	0.00049	0.00053	0.00022	7.09E-06	2.32E-03	4.45E-05	8.17E-06	8.83E-06	6.87E-06	2.40E-03	8.3E-07	2.5E-06	1.5E-06	1.3E-06	6.0E-07	3.3E-08	7.9E-07	4.8E-07	4.3E-07	9.5E-08	1.8E-06
1298	UCART2	480859.83	3732152.05	480859.83	0.6677	0.64876	0.72696	0.00045	0.0005	0.00023	6.89E-06	2.26E-03	4.45E-05	7.50E-06	8.33E-06	7.19E-06	2.34E-03	8.1E-07	2.4E-06	1.4E-06	1.3E-06	5.9E-07	3.2E-08	7.7E-07	4.7E-07	4.2E-07	9.2E-08	1.8E-06
1299	UCART2	480909.83	3732152.05	480909.83	0.64891	0.63202	0.7265	0.00041	0.00048	0.00024	6.69E-06	2.21E-03	4.45E-05	6.83E-06	8.00E-06	7.50E-06	2.28E-03	7.9E-07	2.4E-06	1.4E-06	1.3E-06	5.7E-07	3.1E-08	7.5E-07	4.6E-07	4.1E-07	9.0E-08	1.7E-06
1300	UCART2	480959.83	3732152.05	480959.83	0.63172	0.61689	0.72306	0.00038	0.00045	0.00025	6.52E-06	2.15E-03	4.43E-05	6.33E-06	7.50E-06	7.81E-06	2.23E-03	7.7E-07	2.3E-06	1.3E-06	1.2E-06	5.6E-07	3.0E-08	7.3E-07	4.4E-07	4.0E-07	8.8E-08	1.7E-06
1301	UCART2	481009.83	3732152.05	481009.83	0.61596	0.60316	0.71933	0.00035	0.00042	0.00026	6.35E-06	2.10E-03	4.41E-05	5.83E-06	7.00E-06	8.12E-06	2.18E-03	7.5E-07	2.3E-06	1.3E-06	1.2E-06	5.4E-07	3.0E-08	7.1E-07	4.3E-07	3.9E-07	8.6E-08	1.7E-06
1302	UCART2	481059.83	3732152.05	481059.83	0.60134	0.59052	0.71428	0.00032	0.0004	0.00028	6.20E-06	2.06E-03	4.37E-05	5.33E-06	6.67E-06	8.75E-06	2.13E-03	7.4E-07	2.2E-06	1.3E-06	1.2E-06	5.3E-07	2.9E-08	7.0E-07	4.3E-07	3.9E-07	8.4E-08	1.6E-06
1303	UCART2	481109.83	3732152.05	481109.83	0.59071	0.5823	0.70872	0.0003	0.00038	0.0003	6.09E-06	2.03E-03	4.34E-05	5.00E-06	6.33E-06	9.37E-06	2.10E-03	7.3E-07	2.2E-06	1.3E-06	1.2E-06	5.3E-07	2.9E-08	6.9E-07	4.2E-07	3.8E-07	8.3E-08	1.6E-06
1304	UCART2	481159.83	3732152.05	481159.83	0.57762	0.571	0.69342	0.00027	0.00036	0.00032	5.96E-06	1.99E-03	4.25E-05	4.50E-06	6.00E-06	1.00E-05	2.06E-03	7.1E-07	2.2E-06	1.2E-06	1.1E-06	5.2E-07	2.8E-08	6.8E-07	4.1E-07	3.7E-07	8.1E-08	1.6E-06
1305	UCART2	481209.83	3732152.05	481209.83	0.56551	0.56061	0.67921	0.00025	0.00033	0.00034	5.83E-06	1.96E-03	4.16E-05	4.17E-06	5.50E-06	1.06E-05	2.02E-03	7.0E-07	2.1E-06	1.2E-06	1.1E-06	5.1E-07	2.8E-08	6.6E-07	4.0E-07	3.7E-07	8.0E-08	1.5E-06
1306	UCART2	481259.83	3732152.05	481259.83	0.55429	0.55104	0.67634	0.00023	0.00032	0.00036	5.72E-06	1.92E-03	4.14E-05	3.83E-06	5.33E-06	1.12E-05	1.99E-03	6.9E-07	2.1E-06	1.2E-06	1.1E-06	5.0E-07	2.7E-08	6.5E-07	4.0E-07	3.6E-07	7.9E-08	1.5E-06
1307	UCART2	481309.83	3732152.05	481309.83	0.54387	0.5422	0.67303	0.00022	0.0003	0.0004	5.61E-06	1.89E-03	4.12E-05	3.67E-06	5.00E-06	1.25E-05	1.96E-03	6.8E-07	2.0E-06	1.2E-06	1.1E-06	4.9E-07	2.7E-08	6.4E-07	3.9E-07	3.5E-07	7.7E-08	1.5E-06
1308	UCART2	481359.83	3732152.05	481359.83	0.53414	0.53398	0.66933	0.0002	0.00028	0.00043	5.51E-06	1.86E-03	4.10E-05	3.33E-06	4.67E-06	1.34E-05	1.93E-03	6.7E-07	2.0E-06	1.2E-06	1.1E-06	4.8E-07	2.6E-08	6.3E-07	3.9E-07	3.5E-07	7.6E-08	1.5E-06
1309	UCART2	481409.83	3732152.05	481409.83	0.52503	0.52632	0.66522	0.00019	0.00026	0.00047	5.42E-06	1.84E-03	4.07E-05	3.17E-06	4.33E-06	1.47E-05	1.91E-03	6.6E-07	2.0E-06	1.2E-06	1.0E-06	4.8E-07	2.6E-08	6.3E-07	3.8E-07	3.4E-07	7.5E-08	1.5E-06
1310	UCART2	481459.83	3732152.05	481459.83	0.51648	0.51915	0.6607	0.00017	0.00025	0.00052	5.33E-06	1.81E-03	4.05E-05	2.83E-06	4.17E-06	1.62E-05	1.88E-03	6.5E-07	2.0E-06	1.1E-06	1.0E-06	4.7E-07	2.6E-08	6.2E-07	3.8E-07	3.4E-07	7.4E-08	1.4E-06
1311	UCART2	481509.83	3732152.05	481509.83	0.50842	0.51241	0.65576	0.00016	0.00023	0.00057	5.24E-06	1.79E-03	4.02E-05	2.67E-06	3.83E-06	1.78E-05	1.86E-03	6.4E-07	1.9E-06	1.1E-06	1.0E-06	4.6E-07	2.5E-08	6.1E-07	3.7E-07	3.4E-07	7.3E-08	1.4E-06
1312	UCART2	481559.83	3732152.05	481559.83	0.50077	0.50604	0.65044	0.00015	0.00022	0.00062	5.17E-06	1.77E-03	3.98E-05	2.50E-06	3.67E-06	1.94E-05	1.84E-03	6.4E-07	1.9E-06	1.1E-06	1.0E-06	4.6E-07	2.5E-08	6.0E-07	3.7E-07	3.3E-07	7.2E-08	1.4E-06
1313	UCART2	481609.83	3732152.05	481609.83	0.49349	0.49097	0.64496	0.00014	0.0002	0.00068	5.09E-06	1.74E-03	3.95E-05	2.33E-06	3.33E-06	2.12E-05	1.82E-03	6.3E-07	1.9E-06	1.1E-06	1.0E-06	4.5E-07	2.5E-08	6.0E-07	3.6E-07	3.3E-07	7.1E-08	1.4E-06
1314	UCART2	481659.83	3732152.05	481659.83	0.4865	0.49415	0.63857	0.00014	0.00019	0.00074	5.02E-06	1.72E-03	3.91E-05	2.33E-06	3.17E-06	2.31E-05	1.80E-03	6.2E-07	1.9E-06	1.1E-06	9.9E-07	4.5E-07	2.4E-08	5.9E-07	3.6E-07	3.3E-07	7.1E-08	1.4E-06
1315	UCART2	479709.83	3732202.05	479709.83	1.66238	1.77429	0.50733	0.00315	0.00137	0.00011	1.71E-05	6.19E-03	3.11E-05	5.25E-05	2.28E-05	3.44E-06	6.32E-03	2.2E-06	6.6E-06	3.8E-06	3.5E-06	1.6E-06	8.6E-08	2.1E-06	1.3E-06	1.1E-06	2.5E-07	4.8E-06
1316	UCART2	479759.83	3732202.05	479759.83	1.71011	1.80413	0.531	0.00313	0.00143	0.00012	1.76E-05	6.30E-03	3.25E-05	5.22E-05	2.38E-05	3.75E-06	6.43E-03	2.2E-06	6.7E-06	3.9E-06	3.5E-06	1.6E-06	8.7E-08	2.1E-06	1.3E-06	1.2E-06	2.5E-07	4.9E-06
1317	UCART2	479809.83	3732202.05	479809.83	1.73844	1.80608	0.5517	0.00304	0.00147	0.00012	1.79E-05	6.30E-03	3.38E-05	5.07E-05	2.45E-05	3.75E-06	6.43E-03	2.2E-06	6.7E-06	3.9E-06	3.5E-06	1.6E-06	8.7E-08	2.1E-06	1.3E-06	1.2E-06	2.5E-07	4.9E-06
1318	UCART2	479859.83	3732202.05	479859.83	1.74017	1.77929	0.57293	0.00287	0.00148	0.00012	1.80E-05	6.21E-03	3.51E-05	4.78E-05	2.47E-05	3.75E-06	6.34E-03	2.2E-06	6.6E-06	3.8E-06	3.5E-06	1.6E-06	8.6E-08	2.1E-06	1.3E-06	1.1E-06	2.5E-07	4.8E-06
1319	UCART2	479909.83	3732202.05	479909.83	1.70736	1.72324	0.59411	0.00266	0.00148	0.00013	1.76E-05	6.01E-03	3.64E-05	4.43E-05	2.47E-05	4.06E-06	6.14E-03	2.1E-06	6.4E-06	3.7E-06	3.4E-06	1.5E-06	8.4E-08	2.0E-06	1.2E-06	1.1E-06	2.4E-07	4.7E-06
1320	UCART2	479959.83	3732202.05	479959.83	1.6517	1.64628	0.61391	0.00244	0.00145	0.00013	1.70E-05	5.75E-03	3.76E-05	4.07E-05	2.42E-05	4.06E-06	5.87E-03	2.0E-06	6.1E-06	3.6E-06	3.2E-06	1.5E-06	8.0E-08	1.9E-06	1.2E-06	1.1E-06	2.3E-07	4.5E-06
1321	UCART2	480009.83	3732202.05	480009.83	1.58051	1.55077	0.63242	0.00222	0.00141	0.00014	1.63E-05	5.41E-03	3.87E-05	3.70E-05	2.35E-05	4.37E-06	5.53E-03	1.9E-06	5.8E-06	3.3E-06	3.0E-06	1.4E-06	7.5E-08	1.8E-06	1.1E-06	1.0E-06	2.2E-07	4.2E-06
1322	UCART2	480059.83	3732202.05	480059.83	1.48543	1.44891	0.64917	0.00201	0.00135	0.00014	1.53E-05	5.06E-03	3.98E-05	3.35E-05	2.25E-05	4.37E-06	5.17E-03	1.8E-06	5.4E-06	3.1E-06	2.8E-06	1.3E-06	7.0E-08	1.7E-06	1.0E-06	9.4E-07	2.0E-07	3.9E-06
1323	UCART2	480109.83	3732202.05	480109.83	1.38558	1.35417	0.66396	0.00182	0.00128	0.00015	1.43E-05	4.73E-03	4.07E-05	3.03E-05	2.13E-05	4.69E-06	4.84E-03	1.7E-06	5.1E-06	2.9E-06	2.7E-06	1.2E-06	6.6E-08	1.6E-06	9.7E-07	8.8E-07	1.9E-07	3.7E-06
1324	UCART2	480159.83	3732202.05	480159.83	1.29804	1.22649	0.67696	0.00165	0.00121	0.00015	1.34E-05	4.29E-03	4.15E-05	2.75E-05	2.02E-05	4.69E-06	4.40E-03	1.5E-06	4.6E-06	2.7E-06	2.4E-06	1.1E-06	6.0E-08	1.4E-06	8.8E-07	8.0E-07	1.7E-07	3.4E-06
1325	UCART2	480209.83	3732202.05	480209.83	1.23468	1.15529	0.68847	0.00149	0.00113	0.00016	1.27E-05	4.03E-03	4.22E-05	2.48E-05	1.88E-05	5.00E-06	4.14E-03	1.4E-06	4.3E-06	2.5E-06	2.3E-06	1.0E-06	5.6E-08	1.4E-06	8.3E-07	7.5E-07	1.6E-07	3.2E-06
1326	UCART2	480259.83	3732202.05	480259.83	1.17146	1.09364	0.69723	0.00136	0.00106	0.00016	1.21E-05	3.82E-03	4.27E-05	2.27E-05	1.77E-05	5.00E-06	3.92E-03	1.4E-06	4.1E-06	2.4E-06	2.1E-06	9.8E-07	5.3E-08	1.3E-06	7.8E-07	7.1E-07	1.5E-07	3.0E-06
1327	UCART2	480309.83	3732202.05	480309.83	1.10756	1.0372	0.70562	0.00123	0.00099	0.00017	1.14E-05	3.62E-03	4.32E-05	2.05E-05	1.65E-05	5.31E-06	3.72E-03	1.3E-06	3.9E-06	2.2E-06	2.0E-06	9.3E-07	5.1E-08	1.2E-06	7.4E-07	6.7E-07	1.5E-07	2.8E-06
1328	UCART2	480359.83	3732202.05	480359.83	1.05083	0.987	0.71437	0.00112	0.00093	0.00017	1.08E-05	3.44E-03	4.38E-05	1.87E-05	1.55E-05	5.31E-06	3.54E-03	1.2E-06	3.7E-06	2.1E-06	1.9E-06	8.9E-07	4.8E-08	1.2E-06	7.1E-07	6.4E-07	1.4E-07	2.7E-06
1329	UCART2	480409.83	3732202.05	480409.83	0.99632	0.93948	0.72185	0.00102	0.00087	0.00018	1.03E-05	3.28E-03	4.42E-05	1.70E-05	1.45E-05	5.62E-06	3.37E-03	1.2E-06	3.5E-06	2.0E-06	1.8E-06	8.4E-07	4.6E-08	1.1E-06	6.7E-07	6.1E-07	1.3E-07	2.6E-06
1330	UCART2	480459.83	3732202.05	480459.83	0.94764	0.89656	0.72913	0.00093	0.00081	0.00018	9.78E-06	3.13E-03	4.47E-05	1.55E-05	1.35E-05	5.62E-06	3.22E-03	1.1E-06	3.4E-06	1.9E-06	1.8E-06	8.1E-07	4.4E-08	1.1E-06	6.4E-07	5.8E-07	1.3E-07	2.5E-06
1331	UCART2	480509.83	3732202.05	480509.83	0.90251	0.85649	0.73546	0.00084	0.00076	0.00019	9.31E-06	2.99E-03	4.50E-05	1.40E-05	1.27E-05	5.94E-06	3.08E-03	1.1E-06	3.2E-06	1.9E-06	1.7E-06	7.7E-07	4.2E-08	1.0E-06	6.1E-07	5.6E-07	1.2E-07	2.3E-06
1332	UCART2	480559.83	3732202.05	480559.83	0.86123	0.81976	0.74096	0.00077	0.00072	0.00019	8.88E-06	2.86E-03	4.54E-05	1.28E-05	1.20E-05	5.94E-06	2.95E-03	1.0E-06	3.1E-06	1.8E-06	1.6E-06	7.4E-07	4.0E-08	9.7E-07	5.9E-07	5.3E-07	1.2E-07	2.2E-06
1333	UCART2	480609.83	3732202.05	480609.83	0.81859	0.77796	0.74575	0.0007	0.00068	0.0002	8.44E-06	2.71E-03	4.57E-05	1.17E-05	1.13E-05	6.25E-06	2.80E-03	9.7E-07	2.9E-06	1.7E-06	1.5E-06	7.0E-07	3.8E-08	9.2E-07	5.6E-07	5.1E-07	1.1E-07	2.1E-06
1334	UCART2	480659.83	3732202.05	480659.83	0.78131	0.75101	0.74976	0.00064	0.00064	0.00021	8.06E-06	2.62E-03	4.59E-05	1.07E-05	1.07E-05	6.56

1410	UCART2	480459.83	3732302.05	480459.83	1.01022	0.95317	0.79953	0.00095	0.00087	0.0002	1.04E-05	3.33E-03	4.90E-05	1.58E-05	1.45E-05	6.25E-06	3.42E-03	1.2E-06	3.6E-06	2.1E-06	1.9E-06	8.6E-07	4.7E-08	1.1E-06	6.8E-07	6.2E-07	1.4E-07	2.6E-06
1411	UCART2	480509.83	3732302.05	480509.83	0.96005	0.90819	0.80616	0.00084	0.00082	0.0002	9.90E-06	3.17E-03	4.94E-05	1.40E-05	1.37E-05	6.25E-06	3.26E-03	1.1E-06	3.4E-06	2.0E-06	1.8E-06	8.2E-07	4.4E-08	1.1E-06	6.5E-07	5.9E-07	1.3E-07	2.5E-06
1412	UCART2	480559.83	3732302.05	480559.83	0.91453	0.8605	0.8121	0.00076	0.00076	0.0002	9.43E-06	3.00E-03	4.97E-05	1.27E-05	1.27E-05	6.56E-06	3.09E-03	1.1E-06	3.2E-06	1.9E-06	1.7E-06	7.7E-07	4.2E-08	1.0E-06	6.2E-07	5.6E-07	1.2E-07	2.4E-06
1413	UCART2	480609.83	3732302.05	480609.83	0.86309	0.8245	0.81694	0.00068	0.00071	0.00022	8.90E-06	2.88E-03	5.00E-05	1.13E-05	1.18E-05	6.87E-06	2.97E-03	1.0E-06	3.1E-06	1.8E-06	1.6E-06	7.4E-07	4.0E-08	9.7E-07	5.9E-07	5.4E-07	1.2E-07	2.3E-06
1414	UCART2	480659.83	3732302.05	480659.83	0.82937	0.79418	0.82126	0.00061	0.00067	0.00023	8.56E-06	2.77E-03	5.03E-05	1.02E-05	1.12E-05	7.19E-06	2.86E-03	9.9E-07	3.0E-06	1.7E-06	1.6E-06	7.2E-07	3.9E-08	9.4E-07	5.7E-07	5.2E-07	1.1E-07	2.2E-06
1415	UCART2	480709.83	3732302.05	480709.83	0.79931	0.7675	0.82475	0.00054	0.00063	0.00023	8.25E-06	2.68E-03	5.05E-05	9.00E-06	1.05E-05	7.19E-06	2.76E-03	9.6E-07	2.9E-06	1.7E-06	1.5E-06	6.9E-07	3.8E-08	9.1E-07	5.5E-07	5.0E-07	1.1E-07	2.1E-06
1416	UCART2	480759.83	3732302.05	480759.83	0.77221	0.74372	0.82729	0.00049	0.00059	0.00024	7.97E-06	2.60E-03	5.07E-05	8.17E-06	9.83E-06	7.50E-06	2.68E-03	9.3E-07	2.8E-06	1.6E-06	1.5E-06	6.7E-07	3.6E-08	8.8E-07	5.4E-07	4.9E-07	1.1E-07	2.0E-06
1417	UCART2	480809.83	3732302.05	480809.83	0.74752	0.72218	0.82921	0.00044	0.00055	0.00025	7.71E-06	2.52E-03	5.08E-05	7.33E-06	9.17E-06	7.81E-06	2.60E-03	9.0E-07	2.7E-06	1.6E-06	1.4E-06	6.5E-07	3.5E-08	8.6E-07	5.2E-07	4.7E-07	1.0E-07	2.0E-06
1418	UCART2	480859.83	3732302.05	480859.83	0.72431	0.70187	0.83009	0.0004	0.00051	0.00026	7.47E-06	2.45E-03	5.08E-05	6.67E-06	8.50E-06	8.12E-06	2.53E-03	8.8E-07	2.6E-06	1.5E-06	1.4E-06	6.3E-07	3.4E-08	8.3E-07	5.1E-07	4.6E-07	1.0E-07	1.9E-06
1419	UCART2	480909.83	3732302.05	480909.83	0.70356	0.68394	0.82645	0.00036	0.00048	0.00028	7.26E-06	2.39E-03	5.06E-05	6.00E-06	8.00E-06	8.75E-06	2.47E-03	8.5E-07	2.6E-06	1.5E-06	1.4E-06	6.2E-07	3.4E-08	8.1E-07	4.9E-07	4.5E-07	9.7E-08	1.9E-06
1420	UCART2	480959.83	3732302.05	480959.83	0.68448	0.66755	0.82418	0.00033	0.00045	0.00029	7.06E-06	2.33E-03	5.05E-05	5.50E-06	7.50E-06	9.06E-06	2.41E-03	8.3E-07	2.5E-06	1.5E-06	1.3E-06	6.0E-07	3.3E-08	7.9E-07	4.8E-07	4.4E-07	9.5E-08	1.8E-06
1421	UCART2	481009.83	3732302.05	481009.83	0.66727	0.65291	0.82005	0.0003	0.00042	0.0003	6.88E-06	2.28E-03	5.02E-05	5.00E-06	7.00E-06	9.37E-06	2.36E-03	8.2E-07	2.5E-06	1.4E-06	1.3E-06	5.9E-07	3.2E-08	7.7E-07	4.7E-07	4.3E-07	9.3E-08	1.8E-06
1422	UCART2	481059.83	3732302.05	481059.83	0.65166	0.63975	0.81528	0.00028	0.00039	0.00032	6.72E-06	2.23E-03	4.99E-05	4.67E-06	6.50E-06	1.00E-05	2.31E-03	8.0E-07	2.4E-06	1.4E-06	1.3E-06	5.8E-07	3.1E-08	7.6E-07	4.6E-07	4.2E-07	9.1E-08	1.8E-06
1423	UCART2	481109.83	3732302.05	481109.83	0.64106	0.63202	0.80969	0.00025	0.00036	0.00034	6.61E-06	2.21E-03	4.96E-05	4.17E-06	6.00E-06	1.06E-05	2.28E-03	7.9E-07	2.4E-06	1.4E-06	1.3E-06	5.7E-07	3.1E-08	7.5E-07	4.6E-07	4.1E-07	9.0E-08	1.7E-06
1424	UCART2	481159.83	3732302.05	481159.83	0.62756	0.62071	0.78732	0.00023	0.00034	0.00036	6.47E-06	2.17E-03	4.82E-05	3.83E-06	5.67E-06	1.12E-05	2.24E-03	7.8E-07	2.3E-06	1.4E-06	1.2E-06	5.6E-07	3.0E-08	7.4E-07	4.5E-07	4.1E-07	8.8E-08	1.7E-06
1425	UCART2	481209.83	3732302.05	481209.83	0.61527	0.6105	0.77689	0.00021	0.00031	0.00039	6.35E-06	2.13E-03	4.76E-05	3.50E-06	5.17E-06	1.22E-05	2.21E-03	7.6E-07	2.3E-06	1.3E-06	1.2E-06	5.5E-07	3.0E-08	7.2E-07	4.4E-07	4.0E-07	8.7E-08	1.7E-06
1426	UCART2	481259.83	3732302.05	481259.83	0.60403	0.60125	0.77335	0.0002	0.00029	0.00042	6.23E-06	2.10E-03	4.74E-05	3.33E-06	4.83E-06	1.31E-05	2.17E-03	7.5E-07	2.3E-06	1.3E-06	1.2E-06	5.4E-07	3.0E-08	7.1E-07	4.3E-07	3.9E-07	8.6E-08	1.7E-06
1427	UCART2	481309.83	3732302.05	481309.83	0.59369	0.59282	0.76935	0.00018	0.00027	0.00046	6.12E-06	2.07E-03	4.71E-05	3.00E-06	4.50E-06	1.44E-05	2.14E-03	7.4E-07	2.2E-06	1.3E-06	1.2E-06	5.4E-07	2.9E-08	7.0E-07	4.3E-07	3.9E-07	8.5E-08	1.6E-06
1428	UCART2	481359.83	3732302.05	481359.83	0.58419	0.58517	0.76477	0.00017	0.00025	0.0005	6.03E-06	2.04E-03	4.68E-05	2.83E-06	4.17E-06	1.56E-05	2.12E-03	7.3E-07	2.2E-06	1.3E-06	1.2E-06	5.3E-07	2.9E-08	7.0E-07	4.2E-07	3.8E-07	8.4E-08	1.6E-06
1429	UCART2	481409.83	3732302.05	481409.83	0.57536	0.57811	0.75976	0.00016	0.00024	0.00055	5.94E-06	2.02E-03	4.65E-05	2.67E-06	4.00E-06	1.72E-05	2.09E-03	7.2E-07	2.2E-06	1.3E-06	1.1E-06	5.2E-07	2.8E-08	6.9E-07	4.2E-07	3.8E-07	8.3E-08	1.6E-06
1430	UCART2	481459.83	3732302.05	481459.83	0.56713	0.57158	0.75428	0.00015	0.00022	0.00061	5.85E-06	1.99E-03	4.62E-05	2.50E-06	3.67E-06	1.91E-05	2.07E-03	7.2E-07	2.2E-06	1.3E-06	1.1E-06	5.2E-07	2.8E-08	6.8E-07	4.1E-07	3.8E-07	8.2E-08	1.6E-06
1431	UCART2	481509.83	3732302.05	481509.83	0.55942	0.5655	0.74827	0.00014	0.00021	0.00068	5.77E-06	1.97E-03	4.58E-05	2.33E-06	3.50E-06	2.12E-05	2.05E-03	7.1E-07	2.1E-06	1.2E-06	1.1E-06	5.1E-07	2.8E-08	6.7E-07	4.1E-07	3.7E-07	8.1E-08	1.6E-06
1432	UCART2	481559.83	3732302.05	481559.83	0.55215	0.5598	0.74174	0.00013	0.00019	0.00075	5.70E-06	1.95E-03	4.54E-05	2.17E-06	3.17E-06	2.34E-05	2.03E-03	7.0E-07	2.1E-06	1.2E-06	1.1E-06	5.1E-07	2.8E-08	6.7E-07	4.1E-07	3.7E-07	8.0E-08	1.6E-06
1433	UCART2	481609.83	3732302.05	481609.83	0.54522	0.55438	0.73473	0.00013	0.00018	0.00083	5.62E-06	1.93E-03	4.50E-05	2.17E-06	3.00E-06	2.59E-05	2.02E-03	7.0E-07	2.1E-06	1.2E-06	1.1E-06	5.0E-07	2.7E-08	6.6E-07	4.0E-07	3.6E-07	7.9E-08	1.5E-06
1434	UCART2	481659.83	3732302.05	481659.83	0.53855	0.54917	0.72721	0.00012	0.00017	0.00091	5.56E-06	1.92E-03	4.45E-05	2.00E-06	2.83E-06	2.84E-05	2.00E-03	6.9E-07	2.1E-06	1.2E-06	1.1E-06	5.0E-07	2.7E-08	6.6E-07	4.0E-07	3.6E-07	7.9E-08	1.5E-06
1435	UCART2	479709.83	3732352.05	479709.83	2.24048	2.3898	0.58476	0.00485	0.00189	0.00011	2.31E-05	8.34E-03	3.58E-05	8.08E-05	3.15E-05	3.44E-06	8.51E-03	2.9E-06	8.9E-06	5.2E-06	4.7E-06	2.1E-06	1.2E-07	2.8E-06	1.7E-06	1.5E-06	3.4E-07	6.5E-06
1436	UCART2	479759.83	3732352.05	479759.83	2.30255	2.40193	0.61214	0.00467	0.00195	0.00012	2.38E-05	8.38E-03	3.75E-05	7.78E-05	3.25E-05	3.75E-06	8.56E-03	3.0E-06	8.9E-06	5.2E-06	4.7E-06	2.1E-06	1.2E-07	2.8E-06	1.7E-06	1.5E-06	3.4E-07	6.5E-06
1437	UCART2	479809.83	3732352.05	479809.83	2.32409	2.3651	0.63924	0.00437	0.00199	0.00012	2.40E-05	8.25E-03	3.92E-05	7.28E-05	3.32E-05	3.75E-06	8.43E-03	2.9E-06	8.8E-06	5.1E-06	4.6E-06	2.1E-06	1.1E-07	2.8E-06	1.7E-06	1.5E-06	3.3E-07	6.4E-06
1438	UCART2	479859.83	3732352.05	479859.83	2.29684	2.28234	0.66626	0.00397	0.00199	0.00013	2.37E-05	7.96E-03	4.08E-05	6.62E-05	3.32E-05	4.06E-06	8.13E-03	2.8E-06	8.5E-06	4.9E-06	4.5E-06	2.0E-06	1.1E-07	2.7E-06	1.6E-06	1.5E-06	3.2E-07	6.2E-06
1439	UCART2	479909.83	3732352.05	479909.83	2.22082	2.16426	0.69193	0.00356	0.00195	0.00013	2.29E-05	7.55E-03	4.24E-05	5.93E-05	3.25E-05	4.06E-06	7.71E-03	2.7E-06	8.1E-06	4.7E-06	4.2E-06	1.9E-06	1.0E-07	2.5E-06	1.5E-06	1.4E-06	3.0E-07	5.9E-06
1440	UCART2	479959.83	3732352.05	479959.83	2.10622	2.02583	0.71539	0.00316	0.00187	0.00014	2.17E-05	7.07E-03	4.38E-05	5.27E-05	3.12E-05	4.37E-06	7.22E-03	2.5E-06	7.5E-06	4.4E-06	4.0E-06	1.8E-06	9.8E-08	2.4E-06	1.4E-06	1.3E-06	2.9E-07	5.5E-06
1441	UCART2	480009.83	3732352.05	480009.83	1.97374	1.87609	0.73682	0.00279	0.00178	0.00014	2.04E-05	6.55E-03	4.51E-05	4.65E-05	2.97E-05	4.37E-06	6.69E-03	2.3E-06	7.0E-06	4.0E-06	3.7E-06	1.7E-06	9.1E-08	2.2E-06	1.3E-06	1.2E-06	2.6E-07	5.1E-06
1442	UCART2	480059.83	3732352.05	480059.83	1.83178	1.72514	0.75576	0.00247	0.00167	0.00015	1.89E-05	6.02E-03	4.63E-05	4.12E-05	2.78E-05	4.69E-06	6.16E-03	2.1E-06	6.4E-06	3.7E-06	3.4E-06	1.5E-06	8.4E-08	2.0E-06	1.2E-06	1.1E-06	2.4E-07	4.7E-06
1443	UCART2	480109.83	3732352.05	480109.83	1.68737	1.5874	0.77194	0.00218	0.00156	0.00015	1.74E-05	5.54E-03	4.73E-05	3.63E-05	2.60E-05	4.69E-06	5.67E-03	2.0E-06	5.9E-06	3.4E-06	3.1E-06	1.4E-06	7.7E-08	1.9E-06	1.1E-06	1.0E-06	2.2E-07	4.3E-06
1444	UCART2	480159.83	3732352.05	480159.83	1.54719	1.46469	0.78598	0.00193	0.00144	0.00016	1.60E-05	5.11E-03	4.81E-05	3.22E-05	2.40E-05	5.00E-06	5.24E-03	1.8E-06	5.5E-06	3.2E-06	2.9E-06	1.3E-06	7.1E-08	1.7E-06	1.0E-06	9.5E-07	2.1E-07	4.0E-06
1445	UCART2	480209.83	3732352.05	480209.83	1.43124	1.33343	0.79816	0.00171	0.00133	0.00017	1.48E-05	4.65E-03	4.89E-05	2.85E-05	2.22E-05	5.31E-06	4.77E-03	1.7E-06	5.0E-06	2.9E-06	2.6E-06	1.2E-06	6.5E-08	1.6E-06	9.5E-07	8.6E-07	1.9E-07	3.6E-06
1446	UCART2	480259.83	3732352.05	480259.83	1.3359	1.24038	0.80795	0.00152	0.00123	0.00017	1.38E-05	4.33E-03	4.95E-05	2.53E-05	2.05E-05	5.31E-06	4.44E-03	1.5E-06	4.6E-06	2.7E-06	2.4E-06	1.1E-06	6.0E-08	1.5E-06	8.9E-07	8.0E-07	1.8E-07	3.4E-06
1447	UCART2	480309.83	3732352.05	480309.83	1.25034	1.16501	0.81633	0.00135	0.00113	0.00018	1.29E-05	4.07E-03	5.00E-05	2.25E-05	1.88E-05	5.62E-06	4.18E-03	1.4E-06	4.4E-06	2.5E-06	2.3E-06	1.0E-06	5.7E-08	1.4E-06	8.3E-07	7.6E-07	1.6E-07	3.2E-06
1448	UCART2	480359.83	3732352.05	480359.83	1.17269	1.0964	0.82444	0.0012	0.00105	0.00019	1.21E-05	3.83E-03	5.05E-05	2.00E-05	1.75E-05	5.94E-06	3.93E-03	1.4E-06	4.1E-06	2.4E-06	2.2E-06	9.8E-07	5.3E-08	1.3E-06	7.9E-07	7.1E-07	1.6E-07	3.0E-06
1449	UCART2	480409.83	3732352.05	480409.83	1.10352	1.03603	0.83173	0.00106	0.00097	0.0002	1.14E-05	3.62E-03	5.09E-05	1.77E-05	1.62E-05	6.25E-06	3.72E-03	1.3E-06	3.9E-06	2.2E-06	2.0E-06	9.3E-07	5.1E-08	1.2E-06	7.4E-07	6.7E-07	1.5E-07	2.8E-06
1450	UCART2	480459.83	3732352.05	480459.83	1.04325	0.98234	0.83874	0.00094	0.00091	0.0002	1.08E-05	3.43E-03	5.14E-05	1.57E-05	1.52E-05	6.25E-06	3.53E-03	1.2E-06	3.7E-06	2.1E-06	1.9E-06	8.8E-07	4.8E-08	1.2E-06	7.0E-07	6.4E-07	1.4E-07	2.7E-06
1451	UCART2	480509.83	3732352.05	480509.83	0.98987	0.92828	0.84541	0.00083	0.00084	0.0002	1.02E-05	3.24E-03	5.18E-05	1.38E-05	1.40E-05	6.56E-06	3.34E-03	1.2E-06	3.5E-06	2.0E-06	1.8E-06	8.3E-07	4.5E-08	1.1E-06	6.7E-07	6.0E-07	1.3E-07	2.5E-06
1452	UCART2	480559.83	3732352.05	480559.83	0.93216	0.88419	0.85122	0.00074	0.00078	0.00022	9.62E-06	3.09E-03	5.21E-05	1.23E-05	1.30E-05	6.87E-06	3.18E-03	1.1E-06	3.3E-06	1.9E-06	1.7E-06	8.0E-07	4.3E-08	1.0E-06	6.3E-07	5.8E-07	1.3E-07	2.4E-06
1453	UCART2	480609.83	3732352.05	480609.83	0.89014	0.84855	0.85634	0.00065	0.00073	0.00023	9.18E-06	2.96E-03	5.24E-05	1.08E-05	1.22E-05	7.19E-06	3.05E-03	1.1E-06	3.2E-06	1.8E-06	1.7E-06	7.6E-07	4.2E-08	1.0E-06	6.1E-07	5.5E-07	1.2E-07	2.3E-06
1454	UCART2	480659.83	3732352.05	480659.83	0.85458	0.8169	0.86067	0.00058	0.00068	0.00024	8.82E-06	2.85E-03	5.27E-05	9.67E-06	1.13E-05	7.50E-06	2.94E-03	1.0E-06	3.1E-06	1.8E-06	1.6E-06	7.4E-07	4.0E-08	9.7E-07	5.9E-07	5.3E-07	1.2E-07	2.2E-06
1455	UCART2	480709.83	3732352.05	480709.83	0.82254	0.78654	0.86414	0.00052	0.00064	0.00025	8.48E-06	2.73E-03	5.29E-05	8.67E-06	1.07E-05	7.81E-06	2.84E-03	9.8E-07	3.0E-06	1.7E-06	1.6E-06	7.1E-07	3.9E-08	9.3E-07	5.7E-07	5.1E-07	1.1E-07	2.2E-06
1456	UCART2	480759.83	3732352.05	480759.83	0.79354	0.76327	0.86739	0.00047	0.00059	0.00025	8.19E-06	2.66E-03	5.31E-05	7.83E-06	9.83E-06	7.81E-06	2.75E-03	9.5E-07	2.9E-06	1.7E-06	1.5E-06	6.9E-07	3.7E-08	9.0E-07	5.5E-07	5.0E-07	1.1E-07	2.1E-06
1457	UCART2	480809.83	3732352.05	480809.83	0.76863	0.74188	0.86753	0.00042	0.00055	0.00027	7.93E-06	2.59E-03	5.31E-05	7.00E-06	9.17E-06	8.44E-06	2.67E-03	9.3E-07	2.8E-06	1.6E-06	1.5E-06	6.7E-07	3.6E-08	8.8E-07	5.3E-07	4.8E-07	1.1E-07	2.0E-06
1458	UCART2	480859.83	3732352.05	480859.83	0.74403	0.72042	0.86949	0.00038	0.00051	0.00028	7.67E-06	2.51E-03	5.33E-05	6.33E-06	8.50E-06	8.75E-06	2.60E-03	9.0E-07	2.7E-06	1.6E-06	1.4E-06	6.5E-07	3.5E-08	8.5E-07	5.2E-07	4.7E-07	1.0E-07	2.0E-06
1459	UCART2	480909.83	3732352.05	480909.83	0.72274	0.7022	0.86481	0.00034	0.00048	0.00029	7.46E-06	2.45E-03	5.30E-05	5.67E-06	8.00E-06	9.06E-06	2.53E-03	8.8E-07	2.6E-06	1.5E-06	1.4E-06	6.3E-07	3.4E-08	8.3E-07	5.1E-07	4.6E-07	1.0E-07	1.9E-06
1460	UCART2	480959.83	3732352.05	480959.83	0.70327	0.68562	0.86178	0.00031	0.00044	0.0003	7.25E-06	2.39E-03	5.28E-05	5.17E-06	7.33E-06	9.37E-06	2.47E-03	8.6E-07	2.6E-06	1.5E-06	1.4E-06	6.2E-07	3.4E-08	8.1E-07	4.9E-07	4.5E-07	9.8E-08	1.9E-06
1461	UCART2	481009.83	3732352.05	481009.83	0.68574	0.67084	0.85511	0.00028	0.00041	0.00032	7.07E-06	2.34E-03	5.24E-05	4.67E-06	6.83E-06	1.00E-05	2.42E-03	8.4E-07	2.5E-06	1.5E-06	1.3E-06	6.1E-07	3.3E-08	8.0E-07	4.8E-07	4.4E-07	9.6E-08	1.8E-06
1462	UCART2	481059.83	3732352.05	481059.83	0.67415	0.66243	0.8521	0.00026	0.00038	0.00034	6.95E-06	2.31E-03	5.22E-05	4.33E-06	6.33E-06	1.06E-05	2.39E-03	8.3E-07	2.5E-06	1.4E-06	1.3E-06	6.0E-07	3.3E-08	7.9E-07	4.8E-07	4.3E-07	9.4E-08	1.8E-06
1463	UCART2	481109.83	3732352.05	481109.83	0.65927	0.64998	0.85006	0.00024	0.00035	0.00036	6.80E-06	2.27E-03	5.21E-05	4.00E-06	5.83E-06	1.12E-05	2.35E-03	8.1E-07	2.5E-06	1.4E-06	1.3E-06	5.9E-07	3.2E-08	7.7E-07	4.7E-07	4.3E-07	9.3E-08	1.8E-06
1464	UCART2	481159.83	3732352.05	481159.83	0.64579	0.63882	0.83623	0.00022	0.00033	0.00038	6.66E-06	2.23E-03	5.12E-05	3.67E-06	5.50E-06	1.19E-05	2.31E-03	8.0E-07	2.4E-06	1.4E-06	1.3E-06	5.8E-07	3.1E-08	7.6E-07	4.6E-07	4.2E-07	9.1E-08	1.8E-06
1465	UCART2	481209.83	3732352.05	481209.83	0.63355	0.62881	0.81446	0.0002	0.0003	0.00041	6.54E-06	2.19E-03	4.99E-05	3.33E-06	5.00E-06	1.28E-05	2.27E-03	7.9E-07	2.4E-06	1.4E-06	1.2E-06	5.7E-07	3.1E-08	7.5E-07	4.5E-07	4.1E-07	9.0E-08	1.7E-06
1466	UCART2	481259.83	3732352.05	481259.83	0.62245	0.61984	0.81068	0.00019	0.00028	0.00044	6.42E-06	2.16E-03	4.97E-05	3.17E-06	4.67E-06	1.37E-05	2.24E-03	7.8E-07	2.3E-06	1.4E-06	1.2E-06	5.6E-07	3.0E-08	7.4E-07	4.5E-07	4.1E-07	8.8E-08	1.7E-06
1467	UCART2	481309.83	3732352.05	481309.83	0.61227	0.61172	0.80646	0.00018	0.00026	0.00048	6.32E-06	2.13E-03	4.94E-05	3.00E-06	4.33E-06	1.50E-05	2.21E-03	7.7E-07	2.3E-06	1.3E-06	1.2E-06	5.5E-07	3.0E-08	7.3E-07	4.4E-07	4.0E-07	8.7E-08	1.7E-06
1468	UCART2	481359.83	3732352.05	481359.83	0.603	0.60442	0.80159	0.00016	0.00024	0.00053	6.22E-06	2.11E-03	4.91E-05	2.67E-06	4.00E-06	1.66E-05	2.19E-03	7.6E-07	2.3E-06	1.3E-06	1.2E-06	5.5E-07	3.0E-08	7.2E-07	4.4E-07	4.0E-07	8.6E-08	1.7E-06
1469	UCART2	481409.83	3732352.05	481409.83	0.59444	0.59777	0.79621	0.00015	0.00023	0.00059	6.13E-06	2.09E-03	4.88E-05	2.50E-06	3.83E-06	1.84E-05	2.17E-03	7.5E-07	2.3E-06	1.3E-06	1.2E-06	5.4E-07	2.9E-08	7.1E-07	4.3E-07	3.9E-07	8.5E-08	1.7E-06
1470	UCART2	481459.83	3732352.05	481459.83	0.58648	0.59164	0.79035	0.00014	0.00021	0.00065	6.05E-06	2.06E-03	4.84E-05	2.33E-06	3.50E-06	2.03E-05	2.15E-03	7.4E-07	2.2E-06	1.3E-06	1.2E-06	5.4E-07	2.9E-08	7.0E-07	4.3E-07	3.9E-07	8.5E-08	1.6E-06
1471	UCART2	481509.83	3732352.05	481509.83	0.57906	0.58598	0.78393	0.00014	0.0002	0.00073	5.97E-06	2.04E-03	4.80E-05	2.33E-06	3.33E-06	2.28E-05	2.13E-03	7.4E-07	2.2E-06	1.3E-06	1.2E-06	5.3E-07	2.9E-08	7.0E-07	4.2E-07	3.9E-07	8.4E-08	1.6E-06
1472	UCART2	481559.83	3732352.05	481559.83	0.57203	0.58066	0.77704	0.00013	0.00018	0.00081	5.90E-06	2.03E-03	4.76E-05	2.17E-06	3.00E-06	2.53E-05	2.11E-03	7.3E-07	2.2E-06	1.3E-06	1.2E-06	5.3E-07	2.9E-08	6.9E-07	4.2E-07	3.8E-07	8.3E-08	1.6E-06
1473	UCART2	481609.83	3732352.05	481609.83	0.56538	0.57564	0.76948	0.00012	0.00017	0.0009	5.83E-06	2.01E-03	4.71E-05	2.00E-06	2.83E-06	2.81E-05	2.09E-03	7.3E-07	2.2E-06	1.3E-06	1.1E-06	5.2E-07	2.8E-08	6.9E-07	4.2E-07	3.8E-07	8.3E-08	1.6E-06
1474	UCART2	481659.83	3732352.05	481659.83	0.55895	0.57078	0.76148	0.00012	0.00016	0.00099	5.77E-06	1.99E-03	4.66E-05	2.00E-06	2.67E-06	3.09E-05	2.08E-03	7.2E-07	2.2E-06	1.3E-06	1.1E-06	5.2E-07	2.8E-08	6.8E-07	4.2E-07	3.8E-07	8.2E-08	1.6E-06
1475	UCART2	479709.83	3732402.05	479709.83	2.50994	2.67163	0.6183	0.00563	0.00212	0.00011	2.59E-05	9.32E-03	3.79E-05	9.38E-05	3.53E-05	3.44E-06	9.52E-03	3.3E-06	1.0E-05	5.8E-06	5.2E-06	2.4E-06	1.3E-07	3.1E-06	1.9E-06	1.7E-06	3.8E-07	7.3E-06
1476	UCART2	479759.83	3732402.05	479759.83	2.5679	2.6635	0.6489	0.00537	0.0022	0.00012	2.65E-05	9.30E-03	3.97E-05	8.95E-05	3.67E-05	3.75E-06	9.

1552	UCART2	481559.83	3732452.05	481559.83	0.61733	0.6282	0.85655	0.00012	0.00017	0.00094	6.37E-06	2.19E-03	5.25E-05	2.00E-06	2.83E-06	2.94E-05	2.29E-03	7.9E-07	2.4E-06	1.4E-06	1.3E-06	5.7E-07	3.1E-08	7.5E-07	4.6E-07	4.1E-07	9.0E-08	1.7E-06
1553	UCART2	481609.83	3732452.05	481609.83	0.61153	0.62434	0.84794	0.00011	0.00016	0.00105	6.31E-06	2.18E-03	5.19E-05	1.83E-06	2.67E-06	3.28E-05	2.27E-03	7.9E-07	2.4E-06	1.4E-06	1.2E-06	5.7E-07	3.1E-08	7.5E-07	4.5E-07	4.1E-07	9.0E-08	1.7E-06
1554	UCART2	481659.83	3732452.05	481659.83	0.60591	0.62059	0.83869	0.00011	0.00015	0.00117	6.25E-06	2.17E-03	5.14E-05	1.83E-06	2.50E-06	3.66E-05	2.26E-03	7.8E-07	2.4E-06	1.4E-06	1.2E-06	5.7E-07	3.1E-08	7.4E-07	4.5E-07	4.1E-07	8.9E-08	1.7E-06
1555	UCART2	479709.83	3732502.05	479709.83	3.20059	3.39197	0.71121	0.0077	0.00277	0.00011	3.30E-05	1.18E-02	4.36E-05	1.28E-04	4.62E-05	3.44E-06	1.21E-02	4.2E-06	1.3E-05	7.3E-06	6.6E-06	3.0E-06	1.6E-07	4.0E-06	2.4E-06	2.2E-06	4.8E-07	9.2E-06
1556	UCART2	479759.83	3732502.05	479759.83	3.13952	3.24418	0.75299	0.00704	0.00285	0.00012	3.24E-05	1.13E-02	4.61E-05	1.17E-04	4.75E-05	3.75E-06	1.16E-02	4.0E-06	1.2E-05	7.0E-06	6.3E-06	2.9E-06	1.6E-07	3.8E-06	2.3E-06	2.1E-06	4.6E-07	8.8E-06
1557	UCART2	479809.83	3732502.05	479809.83	3.05303	3.04845	0.78593	0.00628	0.00287	0.00012	3.15E-05	1.06E-02	4.81E-05	1.05E-04	4.78E-05	3.75E-06	1.09E-02	3.8E-06	1.1E-05	6.6E-06	6.0E-06	2.7E-06	1.5E-07	3.6E-06	2.2E-06	2.0E-06	4.3E-07	8.3E-06
1558	UCART2	479859.83	3732502.05	479859.83	2.98359	2.88268	0.80912	0.00544	0.00279	0.00013	3.08E-05	1.01E-02	4.96E-05	9.07E-05	4.65E-05	4.06E-06	1.03E-02	3.6E-06	1.1E-05	6.2E-06	5.6E-06	2.6E-06	1.4E-07	3.4E-06	2.1E-06	1.9E-06	4.1E-07	7.8E-06
1559	UCART2	479909.83	3732502.05	479909.83	2.79307	2.63214	0.83761	0.00469	0.00267	0.00013	2.88E-05	9.19E-03	5.13E-05	7.82E-05	4.45E-05	4.06E-06	9.39E-03	3.3E-06	9.8E-06	5.7E-06	5.2E-06	2.4E-06	1.3E-07	3.1E-06	1.9E-06	1.7E-06	3.7E-07	7.2E-06
1560	UCART2	479959.83	3732502.05	479959.83	2.49746	2.34601	0.86537	0.004	0.00251	0.00014	2.58E-05	8.19E-03	5.30E-05	6.67E-05	4.18E-05	4.37E-06	8.38E-03	2.9E-06	8.8E-06	5.1E-06	4.6E-06	2.1E-06	1.1E-07	2.8E-06	1.7E-06	1.5E-06	3.3E-07	6.4E-06
1561	UCART2	480009.83	3732502.05	480009.83	2.24314	2.06171	0.88583	0.00345	0.00233	0.00015	2.31E-05	7.19E-03	5.43E-05	5.75E-05	3.88E-05	4.69E-06	7.37E-03	2.6E-06	7.7E-06	4.5E-06	4.0E-06	1.8E-06	1.0E-07	2.4E-06	1.5E-06	1.3E-06	2.9E-07	5.6E-06
1562	UCART2	480059.83	3732502.05	480059.83	2.08457	1.90755	0.90102	0.00299	0.00213	0.00015	2.15E-05	6.66E-03	5.52E-05	4.88E-05	3.55E-05	4.69E-06	6.82E-03	2.4E-06	7.1E-06	4.1E-06	3.7E-06	1.7E-06	9.3E-08	2.2E-06	1.4E-06	1.2E-06	2.7E-07	5.2E-06
1563	UCART2	480109.83	3732502.05	480109.83	1.92549	1.77153	0.91399	0.0025	0.00194	0.00016	1.99E-05	6.18E-03	5.60E-05	4.17E-05	3.23E-05	5.00E-06	6.34E-03	2.2E-06	6.6E-06	3.8E-06	3.5E-06	1.6E-06	8.6E-08	2.1E-06	1.3E-06	1.1E-06	2.5E-07	4.8E-06
1564	UCART2	480159.83	3732502.05	480159.83	1.77054	1.62348	0.9256	0.00215	0.00176	0.00017	1.83E-05	5.67E-03	5.67E-05	3.58E-05	2.93E-05	5.31E-06	5.81E-03	2.0E-06	6.1E-06	3.5E-06	3.2E-06	1.5E-06	7.9E-08	1.9E-06	1.2E-06	1.1E-06	2.3E-07	4.4E-06
1565	UCART2	480209.83	3732502.05	480209.83	1.63356	1.49915	0.93572	0.00184	0.00159	0.00018	1.69E-05	5.23E-03	5.73E-05	3.07E-05	2.65E-05	5.62E-06	5.37E-03	1.9E-06	5.6E-06	3.2E-06	2.9E-06	1.3E-06	7.3E-08	1.8E-06	1.1E-06	9.7E-07	2.1E-07	4.1E-06
1566	UCART2	480259.83	3732502.05	480259.83	1.51265	1.3922	0.94471	0.00157	0.00144	0.00018	1.56E-05	4.86E-03	5.79E-05	2.62E-05	2.40E-05	5.62E-06	4.99E-03	1.7E-06	5.2E-06	3.0E-06	2.7E-06	1.2E-06	6.8E-08	1.6E-06	1.0E-06	9.0E-07	2.0E-07	3.8E-06
1567	UCART2	480309.83	3732502.05	480309.83	1.40442	1.29651	0.95358	0.00133	0.00131	0.00019	1.45E-05	4.52E-03	5.84E-05	2.22E-05	2.18E-05	5.94E-06	4.65E-03	1.6E-06	4.9E-06	2.8E-06	2.5E-06	1.2E-06	6.3E-08	1.5E-06	9.3E-07	8.4E-07	1.8E-07	3.5E-06
1568	UCART2	480359.83	3732502.05	480359.83	1.30847	1.2118	0.96203	0.00114	0.0012	0.0002	1.35E-05	4.23E-03	5.89E-05	1.90E-05	2.00E-05	6.25E-06	4.35E-03	1.5E-06	4.5E-06	2.6E-06	2.4E-06	1.1E-06	5.9E-08	1.4E-06	8.7E-07	7.9E-07	1.7E-07	3.3E-06
1569	UCART2	480409.83	3732502.05	480409.83	1.22343	1.13806	0.96966	0.00098	0.00109	0.00021	1.26E-05	3.97E-03	5.94E-05	1.63E-05	1.82E-05	6.56E-06	4.08E-03	1.4E-06	4.3E-06	2.5E-06	2.2E-06	1.0E-06	5.6E-08	1.3E-06	8.2E-07	7.4E-07	1.6E-07	3.1E-06
1570	UCART2	480459.83	3732502.05	480459.83	1.14967	1.07359	0.97681	0.00084	0.001	0.00023	1.19E-05	3.75E-03	5.98E-05	1.40E-05	1.67E-05	7.19E-06	3.86E-03	1.3E-06	4.0E-06	2.3E-06	2.1E-06	9.7E-07	5.2E-08	1.3E-06	7.7E-07	7.0E-07	1.5E-07	2.9E-06
1571	UCART2	480509.83	3732502.05	480509.83	1.08185	1.00992	0.98324	0.00072	0.00091	0.00024	1.12E-05	3.52E-03	6.02E-05	1.20E-05	1.52E-05	7.50E-06	3.63E-03	1.3E-06	3.8E-06	2.2E-06	2.0E-06	9.1E-07	4.9E-08	1.2E-06	7.2E-07	6.6E-07	1.4E-07	2.8E-06
1572	UCART2	480559.83	3732502.05	480559.83	1.02079	0.96393	0.98883	0.00063	0.00084	0.00025	1.05E-05	3.36E-03	6.06E-05	1.05E-05	1.40E-05	7.81E-06	3.47E-03	1.2E-06	3.6E-06	2.1E-06	1.9E-06	8.7E-07	4.7E-08	1.1E-06	6.9E-07	6.3E-07	1.4E-07	2.6E-06
1573	UCART2	480609.83	3732502.05	480609.83	0.97382	0.92286	0.99411	0.00055	0.00077	0.00026	1.00E-05	3.22E-03	6.09E-05	9.17E-06	1.28E-05	8.12E-06	3.32E-03	1.1E-06	3.5E-06	2.0E-06	1.8E-06	8.3E-07	4.5E-08	1.1E-06	6.6E-07	6.0E-07	1.3E-07	2.5E-06
1574	UCART2	480659.83	3732502.05	480659.83	0.9326	0.88716	0.99845	0.00048	0.0007	0.00027	9.62E-06	3.10E-03	6.12E-05	8.00E-06	1.17E-05	8.44E-06	3.19E-03	1.1E-06	3.3E-06	1.9E-06	1.8E-06	8.0E-07	4.3E-08	1.0E-06	6.4E-07	5.8E-07	1.3E-07	2.4E-06
1575	UCART2	480709.83	3732502.05	480709.83	0.89581	0.85547	1.00207	0.00043	0.00064	0.00028	9.24E-06	2.99E-03	6.14E-05	7.17E-06	1.07E-05	8.75E-06	3.08E-03	1.1E-06	3.2E-06	1.9E-06	1.7E-06	7.7E-07	4.2E-08	1.0E-06	6.2E-07	5.6E-07	1.2E-07	2.3E-06
1576	UCART2	480759.83	3732502.05	480759.83	0.86212	0.82637	1.0054	0.00038	0.00059	0.0003	8.89E-06	2.88E-03	6.16E-05	6.33E-06	9.83E-06	9.37E-06	2.98E-03	1.0E-06	3.1E-06	1.8E-06	1.6E-06	7.5E-07	4.1E-08	9.8E-07	5.9E-07	5.4E-07	1.2E-07	2.3E-06
1577	UCART2	480809.83	3732502.05	480809.83	0.83314	0.80166	1.00308	0.00034	0.00054	0.00031	8.59E-06	2.80E-03	6.14E-05	5.67E-06	9.00E-06	9.69E-06	2.89E-03	1.0E-06	3.0E-06	1.7E-06	1.6E-06	7.2E-07	3.9E-08	9.5E-07	5.8E-07	5.2E-07	1.1E-07	2.2E-06
1578	UCART2	480859.83	3732502.05	480859.83	0.80666	0.77913	1.00209	0.00031	0.00049	0.00033	8.32E-06	2.72E-03	6.14E-05	5.17E-06	8.17E-06	1.03E-05	2.81E-03	9.7E-07	2.9E-06	1.7E-06	1.5E-06	7.0E-07	3.8E-08	9.2E-07	5.6E-07	5.1E-07	1.1E-07	2.1E-06
1579	UCART2	480909.83	3732502.05	480909.83	0.78298	0.75914	1.00167	0.00028	0.00045	0.00034	8.08E-06	2.65E-03	6.13E-05	4.67E-06	7.50E-06	1.06E-05	2.74E-03	9.5E-07	2.9E-06	1.7E-06	1.5E-06	6.9E-07	3.7E-08	9.0E-07	5.5E-07	5.0E-07	1.1E-07	2.1E-06
1580	UCART2	480959.83	3732502.05	480959.83	0.76238	0.74207	0.99666	0.00026	0.00041	0.00036	7.86E-06	2.59E-03	6.10E-05	4.33E-06	6.83E-06	1.12E-05	2.68E-03	9.3E-07	2.8E-06	1.6E-06	1.5E-06	6.7E-07	3.6E-08	8.8E-07	5.4E-07	4.9E-07	1.1E-07	2.0E-06
1581	UCART2	481009.83	3732502.05	481009.83	0.74983	0.7335	0.98931	0.00023	0.00037	0.00038	7.73E-06	2.56E-03	6.06E-05	3.83E-06	6.17E-06	1.19E-05	2.65E-03	9.2E-07	2.8E-06	1.6E-06	1.5E-06	6.6E-07	3.6E-08	8.7E-07	5.3E-07	4.8E-07	1.0E-07	2.0E-06
1582	UCART2	481059.83	3732502.05	481059.83	0.73321	0.71998	0.98038	0.00022	0.00034	0.0004	7.56E-06	2.51E-03	6.00E-05	3.67E-06	5.67E-06	1.25E-05	2.60E-03	9.0E-07	2.7E-06	1.6E-06	1.4E-06	6.5E-07	3.5E-08	8.5E-07	5.2E-07	4.7E-07	1.0E-07	2.0E-06
1583	UCART2	481109.83	3732502.05	481109.83	0.71851	0.70824	0.95395	0.0002	0.00032	0.00043	7.41E-06	2.47E-03	5.84E-05	3.33E-06	5.33E-06	1.34E-05	2.56E-03	8.9E-07	2.7E-06	1.5E-06	1.4E-06	6.4E-07	3.5E-08	8.4E-07	5.1E-07	4.6E-07	1.0E-07	2.0E-06
1584	UCART2	481159.83	3732502.05	481159.83	0.70564	0.69821	0.95068	0.00019	0.00029	0.00045	7.28E-06	2.44E-03	5.82E-05	3.17E-06	4.83E-06	1.41E-05	2.52E-03	8.7E-07	2.6E-06	1.5E-06	1.4E-06	6.3E-07	3.4E-08	8.3E-07	5.0E-07	4.6E-07	1.0E-07	1.9E-06
1585	UCART2	481209.83	3732502.05	481209.83	0.6943	0.68961	0.94684	0.00017	0.00027	0.00049	7.16E-06	2.41E-03	5.80E-05	2.83E-06	4.50E-06	1.53E-05	2.49E-03	8.6E-07	2.6E-06	1.5E-06	1.4E-06	6.2E-07	3.4E-08	8.2E-07	5.0E-07	4.5E-07	9.8E-08	1.9E-06
1586	UCART2	481259.83	3732502.05	481259.83	0.68436	0.68231	0.94231	0.00016	0.00025	0.00053	7.06E-06	2.38E-03	5.77E-05	2.67E-06	4.17E-06	1.66E-05	2.47E-03	8.5E-07	2.6E-06	1.5E-06	1.4E-06	6.2E-07	3.4E-08	8.1E-07	4.9E-07	4.5E-07	9.7E-08	1.9E-06
1587	UCART2	481309.83	3732502.05	481309.83	0.67554	0.67605	0.93723	0.00015	0.00023	0.00058	6.97E-06	2.36E-03	5.74E-05	2.50E-06	3.83E-06	1.81E-05	2.45E-03	8.5E-07	2.6E-06	1.5E-06	1.3E-06	6.1E-07	3.3E-08	8.0E-07	4.9E-07	4.4E-07	9.7E-08	1.9E-06
1588	UCART2	481359.83	3732502.05	481359.83	0.66775	0.67074	0.93144	0.00014	0.00021	0.00064	6.89E-06	2.34E-03	5.70E-05	2.33E-06	3.50E-06	2.00E-05	2.43E-03	8.4E-07	2.5E-06	1.5E-06	1.3E-06	6.1E-07	3.3E-08	8.0E-07	4.9E-07	4.4E-07	9.6E-08	1.9E-06
1589	UCART2	481409.83	3732502.05	481409.83	0.66077	0.66617	0.92503	0.00014	0.0002	0.00071	6.82E-06	2.32E-03	5.67E-05	2.33E-06	3.33E-06	2.22E-05	2.42E-03	8.4E-07	2.5E-06	1.5E-06	1.3E-06	6.0E-07	3.3E-08	7.9E-07	4.8E-07	4.4E-07	9.5E-08	1.8E-06
1590	UCART2	481459.83	3732502.05	481459.83	0.65447	0.6622	0.91795	0.00013	0.00018	0.0008	6.75E-06	2.31E-03	5.62E-05	2.17E-06	3.00E-06	2.50E-05	2.40E-03	8.3E-07	2.5E-06	1.5E-06	1.3E-06	6.0E-07	3.3E-08	7.9E-07	4.8E-07	4.4E-07	9.5E-08	1.8E-06
1591	UCART2	481509.83	3732502.05	481509.83	0.64871	0.6587	0.91013	0.00012	0.00017	0.0009	6.69E-06	2.30E-03	5.57E-05	2.00E-06	2.83E-06	2.81E-05	2.39E-03	8.3E-07	2.5E-06	1.4E-06	1.3E-06	6.0E-07	3.3E-08	7.9E-07	4.8E-07	4.3E-07	9.5E-08	1.8E-06
1592	UCART2	481559.83	3732502.05	481559.83	0.64334	0.65552	0.90158	0.00012	0.00016	0.00102	6.64E-06	2.29E-03	5.52E-05	2.00E-06	2.67E-06	3.19E-05	2.39E-03	8.3E-07	2.5E-06	1.4E-06	1.3E-06	6.0E-07	3.2E-08	7.8E-07	4.8E-07	4.3E-07	9.4E-08	1.8E-06
1593	UCART2	481609.83	3732502.05	481609.83	0.63821	0.65251	0.89237	0.00011	0.00015	0.00115	6.58E-06	2.28E-03	5.47E-05	1.83E-06	2.50E-06	3.59E-05	2.38E-03	8.2E-07	2.5E-06	1.4E-06	1.3E-06	6.0E-07	3.2E-08	7.8E-07	4.7E-07	4.3E-07	9.4E-08	1.8E-06
1594	UCART2	481659.83	3732502.05	481659.83	0.63319	0.64955	0.88243	0.00011	0.00014	0.00128	6.53E-06	2.27E-03	5.40E-05	1.83E-06	2.33E-06	4.00E-05	2.37E-03	8.2E-07	2.5E-06	1.4E-06	1.3E-06	5.9E-07	3.2E-08	7.8E-07	4.7E-07	4.3E-07	9.4E-08	1.8E-06
1595	UCART2	479709.83	3732552.05	479709.83	3.62326	3.8312	0.76668	0.00892	0.00318	0.00011	3.74E-05	1.34E-02	4.70E-05	1.49E-04	5.30E-05	3.44E-06	1.37E-02	4.7E-06	1.4E-05	8.3E-06	7.5E-06	3.4E-06	1.9E-07	4.5E-06	2.7E-06	2.5E-06	5.4E-07	1.0E-05
1596	UCART2	479759.83	3732552.05	479759.83	3.56883	3.63732	0.80488	0.00801	0.00326	0.00012	3.68E-05	1.27E-02	4.93E-05	1.33E-04	5.43E-05	3.75E-06	1.30E-02	4.5E-06	1.4E-05	7.8E-06	7.1E-06	3.2E-06	1.8E-07	4.3E-06	2.6E-06	2.3E-06	5.1E-07	9.9E-06
1597	UCART2	479809.83	3732552.05	479809.83	3.35284	3.36579	0.84568	0.00699	0.00326	0.00012	3.46E-05	1.15E-02	5.12E-05	1.16E-04	5.43E-05	3.75E-06	1.18E-02	4.1E-06	1.2E-05	7.1E-06	6.5E-06	3.0E-06	1.6E-07	3.9E-06	2.3E-06	2.1E-06	4.7E-07	9.0E-06
1598	UCART2	479859.83	3732552.05	479859.83	3.18741	3.04088	0.87467	0.00596	0.00316	0.00013	3.29E-05	1.06E-02	5.36E-05	9.93E-05	5.27E-05	4.06E-06	1.09E-02	3.8E-06	1.1E-05	6.6E-06	6.0E-06	2.7E-06	1.5E-07	3.6E-06	2.2E-06	2.0E-06	4.3E-07	8.3E-06
1599	UCART2	479909.83	3732552.05	479909.83	2.91634	2.74705	0.90217	0.00505	0.00299	0.00013	3.01E-05	9.59E-03	5.53E-05	8.42E-05	4.98E-05	4.06E-06	9.81E-03	3.4E-06	1.0E-05	5.9E-06	5.4E-06	2.5E-06	1.3E-07	3.2E-06	2.0E-06	1.8E-06	3.9E-07	7.5E-06
1600	UCART2	479959.83	3732552.05	479959.83	2.6531	2.47551	0.92487	0.00428	0.00278	0.00014	2.74E-05	8.64E-03	5.66E-05	7.13E-05	4.63E-05	4.37E-06	8.85E-03	3.1E-06	9.2E-06	5.4E-06	4.9E-06	2.2E-06	1.2E-07	2.9E-06	1.8E-06	1.6E-06	3.5E-07	6.7E-06
1601	UCART2	480009.83	3732552.05	480009.83	2.39241	2.16711	0.9414	0.00363	0.00256	0.00015	2.47E-05	7.56E-03	5.77E-05	6.05E-05	4.27E-05	4.69E-06	7.75E-03	2.7E-06	8.1E-06	4.7E-06	4.3E-06	1.9E-06	1.1E-07	2.5E-06	1.5E-06	1.4E-06	3.1E-07	5.9E-06
1602	UCART2	480059.83	3732552.05	480059.83	2.19595	1.99154	0.95627	0.00307	0.00233	0.00015	2.27E-05	6.95E-03	5.86E-05	5.12E-05	3.88E-05	4.69E-06	7.13E-03	2.5E-06	7.4E-06	4.3E-06	3.9E-06	1.8E-06	9.7E-08	2.3E-06	1.4E-06	1.3E-06	2.8E-07	5.4E-06
1603	UCART2	480109.83	3732552.05	480109.83	2.01349	1.83083	0.9684	0.00258	0.0021	0.00016	2.08E-05	6.39E-03	5.93E-05	4.30E-05	3.50E-05	5.00E-06	6.55E-03	2.3E-06	6.8E-06	4.0E-06	3.6E-06	1.6E-06	8.9E-08	2.2E-06	1.3E-06	1.2E-06	2.6E-07	5.0E-06
1604	UCART2	480159.83	3732552.05	480159.83	1.85271	1.68886	0.97985	0.00216	0.00188	0.00017	1.91E-05	5.89E-03	6.00E-05	3.60E-05	3.13E-05	5.31E-06	6.05E-03	2.1E-06	6.3E-06	3.7E-06	3.3E-06	1.5E-06	8.2E-08	2.0E-06	1.2E-06	1.1E-06	2.4E-07	4.6E-06
1605	UCART2	480209.83	3732552.05	480209.83	1.70717	1.56009	0.98913	0.00181	0.00169	0.00018	1.76E-05	5.44E-03	6.06E-05	3.02E-05	2.82E-05	5.62E-06	5.59E-03	1.9E-06	5.8E-06	3.4E-06	3.1E-06	1.4E-06	7.6E-08	1.8E-06	1.1E-06	1.0E-06	2.2E-07	4.3E-06
1606	UCART2	480259.83	3732552.05	480259.83	1.57543	1.44383	0.99807	0.00152	0.00153	0.00019	1.63E-05	5.04E-03	6.11E-05	2.53E-05	2.55E-05	5.94E-06	5.17E-03	1.8E-06	5.4E-06	3.1E-06	2.8E-06	1.3E-06	7.0E-08	1.7E-06	1.0E-06	9.4E-07	2.0E-07	3.9E-06
1607	UCART2	480309.83	3732552.05	480309.83	1.45779	1.34051	1.00684	0.00129	0.00138	0.0002	1.50E-05	4.68E-03	6.17E-05	2.15E-05	2.30E-05	6.25E-06	4.81E-03	1.7E-06	5.0E-06	2.9E-06	2.6E-06	1.2E-06	6.5E-08	1.6E-06	9.6E-07	8.7E-07	1.9E-07	3.7E-06
1608	UCART2	480359.83	3732552.05	480359.83	1.35308	1.24963	1.01514	0.00108	0.00124	0.00021	1.40E-05	4.36E-03	6.22E-05	1.80E-05	2.07E-05	6.56E-06	4.48E-03	1.6E-06	4.7E-06	2.7E-06	2.5E-06	1.1E-06	6.1E-08	1.5E-06	8.9E-07	8.1E-07	1.8E-07	3.4E-06
1609	UCART2	480409.83	3732552.05	480409.83	1.26366	1.17197	1.02298	0.00091	0.00113	0.00022	1.30E-05	4.09E-03	6.27E-05	1.52E-05	1.88E-05	6.87E-06	4.21E-03	1.5E-06	4.4E-06	2.5E-06	2.3E-06	1.1E-06	5.7E-08	1.4E-06	8.4E-07	7.6E-07	1.7E-07	3.2E-06
1610	UCART2	480459.83	3732552.05	480459.83	1.18552	1.10405	1.0303	0.00078	0.00103	0.00023	1.22E-05	3.85E-03	6.31E-05	1.30E-05	1.72E-05	7.19E-06	3.97E-03	1.4E-06	4.1E-06	2.4E-06	2.2E-06	9.9E-07	5.4E-08	1.3E-06	7.9E-07	7.2E-07	1.6E-07	3.0E-06
1611	UCART2	480509.83	3732552.05	480509.83	1.11337	1.0388	1.03684	0.00067	0.00093	0.00024	1.15E-05	3.63E-03	6.35E-05	1.12E-05	1.55E-05	7.50E-06	3.73E-03	1.3E-06	3.9E-06	2.3E-06	2.0E-06	9.3E-07	5.1E-08	1.2E-06	7.5E-07	6.8E-07	1.5E-07	2.8E-06
1612	UCART2	480559.83	3732552.05	480559.83	1.05116	0.99021	1.04258	0.00058	0.00085	0.00026	1.08E-05	3.46E-03	6.39E-05	9.67E-06	1.42E-05	8.12E-06	3.56E-03	1.2E-06	3.7E-06	2.2E-06	2.0E-06	8.9E-07	4.8E-08	1.2E-06	7.1E-07	6.4E-07	1.4E-07	2.7E-06
1613	UCART2	480609.83	3732552.05	480609.83	1.00143	0.94698	1.04799	0.00051	0.00077	0.00027	1.03E-05	3.30E-03	6.42E-05	8.50E-06	1.28E-05	8.44E-06	3.41E-03	1.2E-06	3.6E-06	2.1E-06	1.9E-06	8.5E-07	4.6E-08	1.1E-06	6.8E-07	6.2E-07	1.3E-07	2.6E-06
1614	UCART2	480659.83	3732552.05	480659.83	0.95804	0.9096	1.05256	0.00045	0.0007	0.00028	9.88E-06	3.17E-03	6.45E-05	7.50E-06	1.17E-05	8.75E-06	3.28E-03	1.1E-06	3.4E-06	2.0E-06	1.8E-06	8.2E-07	4.5E-08	1.1E-06	6.5E-07	5.9E-07	1.3E-07	2.5E-06
1615	UCART2	480709.83	3732552.05	480709.83	0.92069	0.87785	1.05579	0.0004	0.00063	0.0003	9.50E-06	3.06E-03	6.47E-05	6.67E-06	1.05E-05	9.37E-06	3.16E-03	1.1E-06	3.3E-06	1.9E-06	1.7E-06	7.9E-07	4.3E-08	1.0E-06	6.3E-07	5.7E-07	1.2E-07	2.4E-06
1616	UCART2	480759.83	3732552.05	480759.83	0.88573	0.84778	1.05831	0.00035	0.00058	0.00031	9.14E-06	2.96E-03	6.48E-05	5.83E-06	9.67E-06	9.69E-06	3.06E-03	1.1E-06	3.2E-06	1.9E-06	1.7E-06	7.7E-07	4.2E-08	1.0E-06	6.1E-07	5.5E-07	1.2E-07	2.3E-06
1617	UCART2	480809.83	3732552.05	480809.83	0.85574	0.82241	1.054	0.00032	0.00052	0.00033	8.83E-06	2.87E-03	6.46E-05	5.33E-06	8.67E-06	1.03E-05	2.97E-03	1.0E-06	3.1E-06	1.8E-06	1.6E-06	7.4E-07	4.0E-08	9.7E-07	5.9E-07	5.4E-07	1.2E-07	2.3E-06
1618	UCART2	480859.83	3732552.05	480859.83	0.8283	0.79922	1.05425	0.00029	0.00047	0.00035	8.54E-06	2.79E-03	6.46E-05	4.83E-06	7.83E-06	1.09E-05	2

1694	UCART2	480659.83	3732652.05	480659.83	1.01347	0.95856	1.17291	0.00038	0.00067	0.00031	1.05E-05	3.35E-03	7.18E-05	6.33E-06	1.12E-05	9.69E-06	3.45E-03	1.2E-06	3.6E-06	2.1E-06	1.9E-06	8.6E-07	4.7E-08	1.1E-06	6.9E-07	6.3E-07	1.4E-07	2.6E-06
1695	UCART2	480709.83	3732652.05	480709.83	0.97048	0.92188	1.17557	0.00034	0.0006	0.00033	1.00E-05	3.22E-03	7.20E-05	5.67E-06	1.00E-05	1.03E-05	3.33E-03	1.2E-06	3.5E-06	2.0E-06	1.8E-06	8.3E-07	4.5E-08	1.1E-06	6.6E-07	6.0E-07	1.3E-07	2.5E-06
1696	UCART2	480759.83	3732652.05	480759.83	0.93247	0.88962	1.17877	0.00031	0.00054	0.00035	9.62E-06	3.10E-03	7.22E-05	5.17E-06	9.00E-06	1.09E-05	3.21E-03	1.1E-06	3.4E-06	1.9E-06	1.8E-06	8.0E-07	4.4E-08	1.1E-06	6.4E-07	5.8E-07	1.3E-07	2.4E-06
1697	UCART2	480809.83	3732652.05	480809.83	0.90083	0.86339	1.17317	0.00028	0.00048	0.00037	9.29E-06	3.01E-03	7.19E-05	4.67E-06	8.00E-06	1.16E-05	3.12E-03	1.1E-06	3.3E-06	1.9E-06	1.7E-06	7.8E-07	4.2E-08	1.0E-06	6.2E-07	5.6E-07	1.2E-07	2.4E-06
1698	UCART2	480859.83	3732652.05	480859.83	0.87234	0.83983	1.16996	0.00025	0.00043	0.00039	9.00E-06	2.93E-03	7.17E-05	4.17E-06	7.17E-06	1.22E-05	3.03E-03	1.1E-06	3.2E-06	1.8E-06	1.7E-06	7.6E-07	4.1E-08	1.0E-06	6.1E-07	5.5E-07	1.2E-07	2.3E-06
1699	UCART2	480909.83	3732652.05	480909.83	0.85335	0.82734	1.16579	0.00023	0.00039	0.00041	8.80E-06	2.89E-03	7.14E-05	3.83E-06	6.50E-06	1.28E-05	2.99E-03	1.0E-06	3.1E-06	1.8E-06	1.6E-06	7.5E-07	4.1E-08	9.8E-07	6.0E-07	5.4E-07	1.2E-07	2.3E-06
1700	UCART2	480959.83	3732652.05	480959.83	0.83291	0.80995	1.16382	0.00022	0.00035	0.00044	8.59E-06	2.83E-03	7.13E-05	3.67E-06	5.83E-06	1.37E-05	2.93E-03	1.0E-06	3.1E-06	1.8E-06	1.6E-06	7.3E-07	4.0E-08	9.6E-07	5.8E-07	5.3E-07	1.2E-07	2.2E-06
1701	UCART2	481009.83	3732652.05	481009.83	0.81445	0.7955	1.14602	0.0002	0.00032	0.00046	8.40E-06	2.78E-03	7.02E-05	3.33E-06	5.33E-06	1.44E-05	2.88E-03	1.0E-06	3.0E-06	1.7E-06	1.6E-06	7.2E-07	3.9E-08	9.5E-07	5.7E-07	5.2E-07	1.1E-07	2.2E-06
1702	UCART2	481059.83	3732652.05	481059.83	0.79879	0.78364	1.12856	0.00019	0.00029	0.00049	8.24E-06	2.73E-03	6.91E-05	3.17E-06	4.83E-06	1.53E-05	2.84E-03	9.8E-07	3.0E-06	1.7E-06	1.6E-06	7.1E-07	3.9E-08	9.3E-07	5.7E-07	5.1E-07	1.1E-07	2.2E-06
1703	UCART2	481109.83	3732652.05	481109.83	0.78568	0.77415	1.12563	0.00017	0.00027	0.00052	8.10E-06	2.70E-03	6.89E-05	2.83E-06	4.50E-06	1.62E-05	2.80E-03	9.7E-07	2.9E-06	1.7E-06	1.5E-06	7.0E-07	3.8E-08	9.2E-07	5.6E-07	5.1E-07	1.1E-07	2.1E-06
1704	UCART2	481159.83	3732652.05	481159.83	0.77489	0.76684	1.12194	0.00016	0.00025	0.00056	7.99E-06	2.68E-03	6.87E-05	2.67E-06	4.17E-06	1.75E-05	2.78E-03	9.6E-07	2.9E-06	1.7E-06	1.5E-06	7.0E-07	3.8E-08	9.1E-07	5.5E-07	5.0E-07	1.1E-07	2.1E-06
1705	UCART2	481209.83	3732652.05	481209.83	0.76613	0.76145	1.11751	0.00015	0.00023	0.0006	7.90E-06	2.66E-03	6.84E-05	2.50E-06	3.83E-06	1.87E-05	2.76E-03	9.5E-07	2.9E-06	1.7E-06	1.5E-06	6.9E-07	3.8E-08	9.1E-07	5.5E-07	5.0E-07	1.1E-07	2.1E-06
1706	UCART2	481259.83	3732652.05	481259.83	0.75914	0.75774	1.11234	0.00015	0.00021	0.00065	7.83E-06	2.64E-03	6.81E-05	2.50E-06	3.50E-06	2.03E-05	2.75E-03	9.5E-07	2.9E-06	1.7E-06	1.5E-06	6.9E-07	3.7E-08	9.0E-07	5.5E-07	5.0E-07	1.1E-07	2.1E-06
1707	UCART2	481309.83	3732652.05	481309.83	0.75369	0.75549	1.10632	0.00014	0.00019	0.00071	7.77E-06	2.64E-03	6.78E-05	2.33E-06	3.17E-06	2.22E-05	2.74E-03	9.5E-07	2.9E-06	1.7E-06	1.5E-06	6.9E-07	3.7E-08	9.0E-07	5.5E-07	5.0E-07	1.1E-07	2.1E-06
1708	UCART2	481359.83	3732652.05	481359.83	0.74953	0.75447	1.09919	0.00013	0.00018	0.00078	7.73E-06	2.63E-03	6.73E-05	2.17E-06	3.00E-06	2.44E-05	2.74E-03	9.5E-07	2.9E-06	1.7E-06	1.5E-06	6.9E-07	3.7E-08	9.0E-07	5.5E-07	5.0E-07	1.1E-07	2.1E-06
1709	UCART2	481409.83	3732652.05	481409.83	0.74631	0.75433	1.09161	0.00012	0.00017	0.00087	7.70E-06	2.63E-03	6.69E-05	2.00E-06	2.83E-06	2.72E-05	2.74E-03	9.5E-07	2.9E-06	1.7E-06	1.5E-06	6.9E-07	3.7E-08	9.0E-07	5.5E-07	5.0E-07	1.1E-07	2.1E-06
1710	UCART2	481459.83	3732652.05	481459.83	0.74384	0.7549	1.08326	0.00012	0.00016	0.001	7.67E-06	2.63E-03	6.63E-05	2.00E-06	2.67E-06	3.12E-05	2.74E-03	9.5E-07	2.9E-06	1.7E-06	1.5E-06	6.9E-07	3.7E-08	9.0E-07	5.5E-07	5.0E-07	1.1E-07	2.1E-06
1711	UCART2	481509.83	3732652.05	481509.83	0.7419	0.75593	1.07397	0.00011	0.00015	0.00114	7.65E-06	2.64E-03	6.58E-05	1.83E-06	2.50E-06	3.56E-05	2.75E-03	9.5E-07	2.9E-06	1.7E-06	1.5E-06	6.9E-07	3.7E-08	9.0E-07	5.5E-07	5.0E-07	1.1E-07	2.1E-06
1712	UCART2	481559.83	3732652.05	481559.83	0.74024	0.75719	1.06363	0.00011	0.00014	0.00132	7.64E-06	2.64E-03	6.51E-05	1.83E-06	2.33E-06	4.12E-05	2.76E-03	9.6E-07	2.9E-06	1.7E-06	1.5E-06	6.9E-07	3.8E-08	9.1E-07	5.5E-07	5.0E-07	1.1E-07	2.1E-06
1713	UCART2	481609.83	3732652.05	481609.83	0.73862	0.75844	1.05233	0.00011	0.00013	0.00152	7.62E-06	2.65E-03	6.45E-05	1.83E-06	2.17E-06	4.75E-05	2.77E-03	9.6E-07	2.9E-06	1.7E-06	1.5E-06	6.9E-07	3.8E-08	9.1E-07	5.5E-07	5.0E-07	1.1E-07	2.1E-06
1714	UCART2	481659.83	3732652.05	481659.83	0.73683	0.75947	1.0401	0.0001	0.00012	0.00174	7.60E-06	2.65E-03	6.37E-05	1.67E-06	2.00E-06	5.44E-05	2.78E-03	9.6E-07	2.9E-06	1.7E-06	1.5E-06	7.0E-07	3.8E-08	9.1E-07	5.6E-07	5.0E-07	1.1E-07	2.1E-06
1715	UCART2	479709.83	3732702.05	479709.83	5.53378	5.66449	0.98552	0.01323	0.00505	0.00011	5.71E-05	1.98E-02	6.04E-05	2.20E-04	8.42E-05	3.44E-06	2.02E-02	7.0E-06	2.1E-05	1.2E-05	1.1E-05	5.1E-06	2.7E-07	6.6E-06	4.0E-06	3.7E-06	8.0E-07	1.5E-05
1716	UCART2	479759.83	3732702.05	479759.83	5.16998	5.03987	1.03498	0.01095	0.00505	0.00012	5.33E-05	1.76E-02	6.34E-05	1.82E-04	8.42E-05	3.75E-06	1.80E-02	6.2E-06	1.9E-05	1.1E-05	9.9E-06	4.5E-06	2.4E-07	5.9E-06	3.6E-06	3.3E-06	7.1E-07	1.4E-05
1717	UCART2	479809.83	3732702.05	479809.83	4.72249	4.40967	1.07633	0.00888	0.00491	0.00012	4.87E-05	1.54E-02	6.59E-05	1.48E-04	8.18E-05	3.75E-06	1.57E-02	5.4E-06	1.6E-05	9.5E-06	8.6E-06	3.9E-06	2.1E-07	5.2E-06	3.1E-06	2.8E-06	6.2E-07	1.2E-05
1718	UCART2	479859.83	3732702.05	479859.83	4.19288	3.71864	1.10708	0.00721	0.0046	0.00013	4.33E-05	1.30E-02	6.78E-05	1.20E-04	7.67E-05	4.06E-06	1.33E-02	4.6E-06	1.4E-05	8.0E-06	7.3E-06	3.3E-06	1.8E-07	4.4E-06	2.7E-06	2.4E-06	5.2E-07	1.0E-05
1719	UCART2	479909.83	3732702.05	479909.83	3.73168	3.28435	1.12226	0.00578	0.00422	0.00013	3.85E-05	1.15E-02	6.87E-05	9.63E-05	7.03E-05	4.06E-06	1.17E-02	4.1E-06	1.2E-05	7.1E-06	6.4E-06	2.9E-06	1.6E-07	3.9E-06	2.3E-06	2.1E-06	4.6E-07	8.9E-06
1720	UCART2	479959.83	3732702.05	479959.83	3.30029	2.90944	1.13681	0.00461	0.00381	0.00014	3.40E-05	1.02E-02	6.96E-05	7.68E-05	6.35E-05	4.37E-06	1.04E-02	3.6E-06	1.1E-05	6.3E-06	5.7E-06	2.6E-06	1.4E-07	3.4E-06	2.1E-06	1.9E-06	4.1E-07	7.9E-06
1721	UCART2	480009.83	3732702.05	480009.83	2.92763	2.59238	1.14795	0.00368	0.00342	0.00015	3.02E-05	9.05E-03	7.03E-05	6.13E-05	5.70E-05	4.69E-06	9.27E-03	3.2E-06	9.7E-06	5.6E-06	5.1E-06	2.3E-06	1.3E-07	3.0E-06	1.9E-06	1.7E-06	3.7E-07	7.1E-06
1722	UCART2	480059.83	3732702.05	480059.83	2.61398	2.32543	1.15766	0.00292	0.00301	0.00015	2.70E-05	8.12E-03	7.09E-05	4.87E-05	5.02E-05	4.69E-06	8.32E-03	2.9E-06	8.7E-06	5.0E-06	4.6E-06	2.1E-06	1.1E-07	2.7E-06	1.7E-06	1.5E-06	3.3E-07	6.3E-06
1723	UCART2	480109.83	3732702.05	480109.83	2.33438	2.08803	1.16568	0.00232	0.00266	0.00016	2.41E-05	7.29E-03	7.14E-05	3.87E-05	4.43E-05	5.00E-06	7.47E-03	2.6E-06	7.8E-06	4.5E-06	4.1E-06	1.9E-06	1.0E-07	2.5E-06	1.5E-06	1.4E-06	2.9E-07	5.7E-06
1724	UCART2	480159.83	3732702.05	480159.83	2.1114	1.89629	1.17371	0.00185	0.00233	0.00017	2.18E-05	6.62E-03	7.19E-05	3.08E-05	3.88E-05	5.31E-06	6.79E-03	2.3E-06	7.1E-06	4.1E-06	3.7E-06	1.7E-06	9.2E-08	2.2E-06	1.4E-06	1.2E-06	2.7E-07	5.2E-06
1725	UCART2	480209.83	3732702.05	480209.83	1.92333	1.73405	1.1815	0.00148	0.00204	0.00018	1.98E-05	6.05E-03	7.24E-05	2.47E-05	3.40E-05	5.62E-06	6.21E-03	2.1E-06	6.5E-06	3.8E-06	3.4E-06	1.6E-06	8.4E-08	2.0E-06	1.2E-06	1.1E-06	2.5E-07	4.7E-06
1726	UCART2	480259.83	3732702.05	480259.83	1.75976	1.59304	1.1893	0.00121	0.00179	0.00019	1.82E-05	5.56E-03	7.28E-05	2.02E-05	2.98E-05	5.94E-06	5.71E-03	2.0E-06	6.0E-06	3.5E-06	3.1E-06	1.4E-06	7.8E-08	1.9E-06	1.1E-06	1.0E-06	2.3E-07	4.3E-06
1727	UCART2	480309.83	3732702.05	480309.83	1.61664	1.4701	1.19701	0.00099	0.00157	0.0002	1.67E-05	5.13E-03	7.33E-05	1.65E-05	2.62E-05	6.25E-06	5.27E-03	1.8E-06	5.5E-06	3.2E-06	2.9E-06	1.3E-06	7.2E-08	1.7E-06	1.1E-06	9.5E-07	2.1E-07	4.0E-06
1728	UCART2	480359.83	3732702.05	480359.83	1.49231	1.36383	1.20499	0.00083	0.00138	0.00022	1.54E-05	4.76E-03	7.38E-05	1.38E-05	2.30E-05	6.87E-06	4.89E-03	1.7E-06	5.1E-06	3.0E-06	2.7E-06	1.2E-06	6.7E-08	1.6E-06	9.8E-07	8.9E-07	1.9E-07	3.7E-06
1729	UCART2	480409.83	3732702.05	480409.83	1.38517	1.27255	1.21286	0.00069	0.00122	0.00023	1.43E-05	4.44E-03	7.43E-05	1.15E-05	2.03E-05	7.19E-06	4.57E-03	1.6E-06	4.8E-06	2.8E-06	2.5E-06	1.1E-06	6.2E-08	1.5E-06	9.1E-07	8.3E-07	1.8E-07	3.5E-06
1730	UCART2	480459.83	3732702.05	480459.83	1.2882	1.19074	1.22027	0.00059	0.00107	0.00024	1.33E-05	4.16E-03	7.47E-05	9.83E-06	1.78E-05	7.50E-06	4.28E-03	1.5E-06	4.5E-06	2.6E-06	2.3E-06	1.1E-06	5.8E-08	1.4E-06	8.5E-07	7.7E-07	1.7E-07	3.3E-06
1731	UCART2	480509.83	3732702.05	480509.83	1.21	1.12532	1.22708	0.00051	0.00095	0.00026	1.25E-05	3.93E-03	7.52E-05	8.50E-06	1.58E-05	8.12E-06	4.05E-03	1.4E-06	4.2E-06	2.4E-06	2.2E-06	1.0E-06	5.5E-08	1.3E-06	8.1E-07	7.3E-07	1.6E-07	3.1E-06
1732	UCART2	480559.83	3732702.05	480559.83	1.14376	1.06864	1.23348	0.00045	0.00083	0.00028	1.18E-05	3.73E-03	7.55E-05	7.50E-06	1.38E-05	8.75E-06	3.85E-03	1.3E-06	4.0E-06	2.3E-06	2.1E-06	9.6E-07	5.2E-08	1.3E-06	7.7E-07	7.0E-07	1.5E-07	2.9E-06
1733	UCART2	480609.83	3732702.05	480609.83	1.08702	1.02054	1.23918	0.00039	0.00073	0.0003	1.12E-05	3.56E-03	7.59E-05	6.50E-06	1.22E-05	9.37E-06	3.68E-03	1.3E-06	3.8E-06	2.2E-06	2.0E-06	9.2E-07	5.0E-08	1.2E-06	7.3E-07	6.7E-07	1.5E-07	2.8E-06
1734	UCART2	480659.83	3732702.05	480659.83	1.03902	0.98038	1.24309	0.00035	0.00065	0.00032	1.07E-05	3.42E-03	7.61E-05	5.83E-06	1.08E-05	1.00E-05	3.53E-03	1.2E-06	3.7E-06	2.1E-06	1.9E-06	8.8E-07	4.8E-08	1.2E-06	7.1E-07	6.4E-07	1.4E-07	2.7E-06
1735	UCART2	480709.83	3732702.05	480709.83	0.99488	0.94314	1.24386	0.00032	0.00058	0.00034	1.03E-05	3.29E-03	7.62E-05	5.33E-06	9.67E-06	1.06E-05	3.40E-03	1.2E-06	3.6E-06	2.1E-06	1.9E-06	8.5E-07	4.6E-08	1.1E-06	6.8E-07	6.2E-07	1.3E-07	2.6E-06
1736	UCART2	480759.83	3732702.05	480759.83	0.95576	0.91023	1.24688	0.00029	0.00051	0.00037	9.86E-06	3.18E-03	7.64E-05	4.83E-06	8.50E-06	1.16E-05	3.29E-03	1.1E-06	3.4E-06	2.0E-06	1.8E-06	8.2E-07	4.5E-08	1.1E-06	6.6E-07	6.0E-07	1.3E-07	2.5E-06
1737	UCART2	480809.83	3732702.05	480809.83	0.9233	0.88364	1.23823	0.00026	0.00046	0.00039	9.52E-06	3.08E-03	7.58E-05	4.33E-06	7.67E-06	1.22E-05	3.19E-03	1.1E-06	3.3E-06	1.9E-06	1.8E-06	8.0E-07	4.3E-08	1.0E-06	6.4E-07	5.8E-07	1.3E-07	2.4E-06
1738	UCART2	480859.83	3732702.05	480859.83	0.8945	0.86017	1.23541	0.00024	0.00041	0.00042	9.23E-06	3.00E-03	7.57E-05	4.00E-06	6.83E-06	1.31E-05	3.11E-03	1.1E-06	3.3E-06	1.9E-06	1.7E-06	7.8E-07	4.2E-08	1.0E-06	6.2E-07	5.6E-07	1.2E-07	2.4E-06
1739	UCART2	480909.83	3732702.05	480909.83	0.87644	0.8477	1.23404	0.00022	0.00037	0.00044	9.04E-06	2.96E-03	7.56E-05	3.67E-06	6.17E-06	1.37E-05	3.07E-03	1.1E-06	3.2E-06	1.9E-06	1.7E-06	7.7E-07	4.2E-08	1.0E-06	6.1E-07	5.6E-07	1.2E-07	2.3E-06
1740	UCART2	480959.83	3732702.05	480959.83	0.85498	0.83078	1.2136	0.00021	0.00033	0.00047	8.82E-06	2.90E-03	7.43E-05	3.50E-06	5.50E-06	1.47E-05	3.01E-03	1.0E-06	3.1E-06	1.8E-06	1.6E-06	7.5E-07	4.1E-08	9.9E-07	6.0E-07	5.4E-07	1.2E-07	2.3E-06
1741	UCART2	481009.83	3732702.05	481009.83	0.83697	0.81705	1.19957	0.00019	0.0003	0.0005	8.63E-06	2.85E-03	7.35E-05	3.17E-06	5.00E-06	1.56E-05	2.96E-03	1.0E-06	3.1E-06	1.8E-06	1.6E-06	7.4E-07	4.0E-08	9.7E-07	5.9E-07	5.4E-07	1.2E-07	2.3E-06
1742	UCART2	481059.83	3732702.05	481059.83	0.82205	0.80619	1.19721	0.00018	0.00027	0.00053	8.48E-06	2.81E-03	7.33E-05	3.00E-06	4.50E-06	1.66E-05	2.92E-03	1.0E-06	3.1E-06	1.8E-06	1.6E-06	7.3E-07	4.0E-08	9.6E-07	5.8E-07	5.3E-07	1.2E-07	2.2E-06
1743	UCART2	481109.83	3732702.05	481109.83	0.80992	0.79793	1.19419	0.00017	0.00025	0.00057	8.35E-06	2.78E-03	7.31E-05	2.83E-06	4.17E-06	1.78E-05	2.89E-03	1.0E-06	3.0E-06	1.7E-06	1.6E-06	7.2E-07	3.9E-08	9.5E-07	5.8E-07	5.2E-07	1.1E-07	2.2E-06
1744	UCART2	481159.83	3732702.05	481159.83	0.80034	0.79206	1.19039	0.00016	0.00023	0.0006	8.26E-06	2.76E-03	7.29E-05	2.67E-06	3.83E-06	1.87E-05	2.87E-03	9.9E-07	3.0E-06	1.7E-06	1.6E-06	7.2E-07	3.9E-08	9.4E-07	5.7E-07	5.2E-07	1.1E-07	2.2E-06
1745	UCART2	481209.83	3732702.05	481209.83	0.79304	0.78835	1.18579	0.00015	0.00021	0.00065	8.18E-06	2.75E-03	7.26E-05	2.50E-06	3.50E-06	2.03E-05	2.86E-03	9.9E-07	3.0E-06	1.7E-06	1.6E-06	7.2E-07	3.9E-08	9.4E-07	5.7E-07	5.2E-07	1.1E-07	2.2E-06
1746	UCART2	481259.83	3732702.05	481259.83	0.78771	0.78653	1.18039	0.00014	0.0002	0.0007	8.13E-06	2.74E-03	7.23E-05	2.33E-06	3.33E-06	2.19E-05	2.85E-03	9.9E-07	3.0E-06	1.7E-06	1.6E-06	7.1E-07	3.9E-08	9.4E-07	5.7E-07	5.2E-07	1.1E-07	2.2E-06
1747	UCART2	481309.83	3732702.05	481309.83	0.78408	0.78635	1.17412	0.00013	0.00018	0.00076	8.09E-06	2.74E-03	7.19E-05	2.17E-06	3.00E-06	2.37E-05	2.85E-03	9.9E-07	3.0E-06	1.7E-06	1.6E-06	7.1E-07	3.9E-08	9.4E-07	5.7E-07	5.2E-07	1.1E-07	2.2E-06
1748	UCART2	481359.83	3732702.05	481359.83	0.78188	0.78753	1.1668	0.00013	0.00017	0.00084	8.07E-06	2.75E-03	7.15E-05	2.17E-06	2.83E-06	2.62E-05	2.86E-03	9.9E-07	3.0E-06	1.7E-06	1.6E-06	7.2E-07	3.9E-08	9.4E-07	5.7E-07	5.2E-07	1.1E-07	2.2E-06
1749	UCART2	481409.83	3732702.05	481409.83	0.78074	0.78975	1.15876	0.00012	0.00016	0.00095	8.05E-06	2.76E-03	7.10E-05	2.00E-06	2.67E-06	2.97E-05	2.87E-03	9.9E-07	3.0E-06	1.7E-06	1.6E-06	7.2E-07	3.9E-08	9.4E-07	5.7E-07	5.2E-07	1.1E-07	2.2E-06
1750	UCART2	481459.83	3732702.05	481459.83	0.78041	0.79273	1.14976	0.00012	0.00015	0.00108	8.05E-06	2.77E-03	7.04E-05	2.00E-06	2.50E-06	3.37E-05	2.88E-03	1.0E-06	3.0E-06	1.7E-06	1.6E-06	7.2E-07	3.9E-08	9.5E-07	5.8E-07	5.2E-07	1.1E-07	2.2E-06
1751	UCART2	481509.83	3732702.05	481509.83	0.7806	0.79621	1.14011	0.00011	0.00014	0.00125	8.05E-06	2.78E-03	6.98E-05	1.83E-06	2.33E-06	3.91E-05	2.90E-03	1.0E-06	3.0E-06	1.8E-06	1.6E-06	7.3E-07	3.9E-08	9.5E-07	5.8E-07	5.2E-07	1.1E-07	2.2E-06
1752	UCART2	481559.83	3732702.05	481559.83	0.78099	0.79984	1.12886	0.00011	0.00013	0.00144	8.06E-06	2.79E-03	6.91E-05	1.83E-06	2.17E-06	4.50E-05	2.92E-03	1.0E-06	3.0E-06	1.8E-06	1.6E-06	7.3E-07	4.0E-08	9.6E-07	5.8E-07	5.3E-07	1.2E-07	2.2E-06
1753	UCART2	481609.83	3732702.05	481609.83	0.78129	0.80335	1.11664	0.0001	0.00013	0.00167	8.06E-06	2.80E-03	6.84E-05	1.67E-06	2.17E-06	5.22E-05	2.94E-03	1.0E-06	3.1E-06	1.8E-06	1.6E-06	7.3E-07	4.0E-08	9.6E-07	5.9E-07	5.3E-07	1.2E-07	2.2E-06
1754	UCART2	481659.83	3732702.05	481659.83	0.7813	0.80653	1.10356	0.0001	0.00012	0.00193	8.06E-06	2.81E-03	6.76E-05	1.67E-06	2.00E-06	6.03E-05	2.95E-03	1.0E-06	3.1E-06	1.8E-06	1.6E-06	7.4E-07	4.0E-08	9.7E-07	5.9E-07	5.3E-07	1.2E-07	2.3E-06
1755	UCART2	479709.83	3732752.05	479709.83	6.535	6.57485	1.08791	0.01459	0.00594	0.00011	6.74E-05	2.29E-02	6.66E-05	2.43E-04	9.90E-05	3.44E-06	2.34E-02	8.1E-06	2.4E-05	1.4E-05	1.3E-05	5.9E-06	3.2E-07	7.7E-06	4.7E-06	4.2E-06	9.2E-07	1.8E-05
1756	UCART2	479759.83	3732752.05	479759.83	6.0965	5.73839	1.13802	0.01163	0.00589	0.00012	6.29E-05	2.00E-02	6.97E-05	1.94E-04	9.82E-05	3.75E-06	2.05E-02	7.1E-06	2.1E-05	1.2E-05	1.1E-05	5.1E-06	2.8E-07	6.7E-06	4.1E-06	3.7E-06	8.1E-07	1.6E-05
1757	UCART2	479809.83	3732752.05	479809.83	5.43198	4.88679	1.1818	0.0092	0.00563	0.00012	5.60E-05	1.71E-02	7.24E-05	1.53E-04	9.38E-05	3.75E-06	1.74E-02	6.0E-06	1.8E-05	1.1E-05	9.6E-06	4.4E-06	2.4E-07	5.7E-06	3.5E-06	3.2E-06	6.9E-07	1.3E-05
1758	UCART2	479859.83	3732752.05	479859.83	4.71274	4.09085	1.21088	0.00717	0.00521	0.00013	4.86E-05	1.43E-02	7.42E-05	1.19E-04	8.68E-05	4.06E-06	1.46E-02	5.1E-06	1.5E-05	8.8E-06	8.0E-06	3.7E-06	2.0E-07	4.8E-06	2.9E-06	2.6E-06	5.8E-07	1.1E-05
1759	UCART2	479909.83	3732752.05	479909.83	4.10534	3.55827	1.22047	0.00563	0.00471	0.00013	4.23E-05	1.24E-02	7.47E-05	9.38E-05	7.85E-05	4.06E-06	1.27E-02	4.4E-06	1.3E-05	7.7E-06	7.0E-06	3.2E-06	1.7E-07	4.2E-06	2.5E-06	2.3E-06	5.0E-07	9.7E-06
1760	UCART2	479959.83	3732752.05	479959.83	3.57244	3.11306	1.2285	0.00439	0.00423	0.00014	3.69E-05	1.09E-02	7.52E-05	7.32E-05	7.05E-05

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1978	UCART2	480859.83	3733002.05	480859.83	1.02116	0.97728	1.80566	0.0002	0.00027	0.00054	1.05E-05	3.41E-03	1.11E-04	3.33E-06	4.50E-06	1.69E-05	3.56E-03	1.2E-06	3.7E-06	2.2E-06	2.0E-06	8.9E-07	4.8E-08	1.2E-06	7.1E-07	6.4E-07	1.4E-07	2.7E-06
1979	UCART2	480909.83	3733002.05	480909.83	0.9995	0.96241	1.80603	0.00019	0.00025	0.0006	1.03E-05	3.36E-03	1.11E-04	3.17E-06	4.17E-06	1.87E-05	3.51E-03	1.2E-06	3.7E-06	2.1E-06	1.9E-06	8.8E-07	4.8E-08	1.2E-06	7.0E-07	6.3E-07	1.4E-07	2.7E-06
1980	UCART2	480959.83	3733002.05	480959.83	0.98405	0.95316	1.80584	0.00018	0.00023	0.00068	1.02E-05	3.33E-03	1.11E-04	3.00E-06	3.83E-06	2.12E-05	3.48E-03	1.2E-06	3.6E-06	2.1E-06	1.9E-06	8.7E-07	4.7E-08	1.1E-06	6.9E-07	6.3E-07	1.4E-07	2.6E-06
1981	UCART2	481009.83	3733002.05	481009.83	0.97466	0.9495	1.80481	0.00017	0.00021	0.00076	1.01E-05	3.31E-03	1.11E-04	2.83E-06	3.50E-06	2.37E-05	3.46E-03	1.2E-06	3.6E-06	2.1E-06	1.9E-06	8.7E-07	4.7E-08	1.1E-06	6.9E-07	6.3E-07	1.4E-07	2.6E-06
1982	UCART2	481059.83	3733002.05	481059.83	0.9711	0.95126	1.80302	0.00016	0.00019	0.00085	1.00E-05	3.32E-03	1.10E-04	2.67E-06	3.17E-06	2.66E-05	3.47E-03	1.2E-06	3.6E-06	2.1E-06	1.9E-06	8.7E-07	4.7E-08	1.1E-06	6.9E-07	6.3E-07	1.4E-07	2.6E-06
1983	UCART2	481109.83	3733002.05	481109.83	0.97322	0.95837	1.80048	0.00015	0.00018	0.00094	1.00E-05	3.34E-03	1.10E-04	2.50E-06	3.00E-06	2.94E-05	3.50E-03	1.2E-06	3.7E-06	2.1E-06	1.9E-06	8.8E-07	4.8E-08	1.1E-06	7.0E-07	6.3E-07	1.4E-07	2.7E-06
1984	UCART2	481159.83	3733002.05	481159.83	0.98099	0.97087	1.79699	0.00014	0.00017	0.00104	1.01E-05	3.39E-03	1.10E-04	2.33E-06	2.83E-06	3.25E-05	3.55E-03	1.2E-06	3.7E-06	2.1E-06	1.9E-06	8.9E-07	4.8E-08	1.2E-06	7.1E-07	6.4E-07	1.4E-07	2.7E-06
1985	UCART2	481209.83	3733002.05	481209.83	0.99426	0.98867	1.79264	0.00014	0.00016	0.00115	1.03E-05	3.45E-03	1.10E-04	2.33E-06	2.67E-06	3.59E-05	3.61E-03	1.3E-06	3.8E-06	2.2E-06	2.0E-06	9.0E-07	4.9E-08	1.2E-06	7.2E-07	6.5E-07	1.4E-07	2.8E-06
1986	UCART2	481259.83	3733002.05	481259.83	1.01292	1.01174	1.78731	0.00013	0.00015	0.00126	1.04E-05	3.53E-03	1.09E-04	2.17E-06	2.50E-06	3.94E-05	3.69E-03	1.3E-06	3.9E-06	2.2E-06	2.0E-06	9.2E-07	5.0E-08	1.2E-06	7.4E-07	6.7E-07	1.5E-07	2.8E-06
1987	UCART2	481309.83	3733002.05	481309.83	1.03672	1.03991	1.78094	0.00013	0.00014	0.00137	1.07E-05	3.63E-03	1.09E-04	2.17E-06	2.33E-06	4.28E-05	3.80E-03	1.3E-06	4.0E-06	2.3E-06	2.1E-06	9.5E-07	5.2E-08	1.2E-06	7.6E-07	6.9E-07	1.5E-07	2.9E-06
1988	UCART2	481359.83	3733002.05	481359.83	1.06532	1.07297	1.77332	0.00012	0.00014	0.0015	1.10E-05	3.74E-03	1.09E-04	2.00E-06	2.33E-06	4.69E-05	3.92E-03	1.4E-06	4.1E-06	2.4E-06	2.1E-06	9.8E-07	5.3E-08	1.3E-06	7.8E-07	7.1E-07	1.5E-07	3.0E-06
1989	UCART2	481409.83	3733002.05	481409.83	1.09813	1.11045	1.76429	0.00012	0.00013	0.00166	1.13E-05	3.88E-03	1.08E-04	2.00E-06	2.17E-06	5.19E-05	4.05E-03	1.4E-06	4.2E-06	2.5E-06	2.2E-06	1.0E-06	5.5E-08	1.3E-06	8.1E-07	7.3E-07	1.6E-07	3.1E-06
1990	UCART2	481459.83	3733002.05	481459.83	1.13435	1.15171	1.75363	0.00011	0.00012	0.00188	1.17E-05	4.02E-03	1.07E-04	1.83E-06	2.00E-06	5.87E-05	4.20E-03	1.5E-06	4.4E-06	2.5E-06	2.3E-06	1.1E-06	5.7E-08	1.4E-06	8.4E-07	7.6E-07	1.7E-07	3.2E-06
1991	UCART2	481509.83	3733002.05	481509.83	1.17279	1.19573	1.74116	0.00011	0.00012	0.00221	1.21E-05	4.17E-03	1.07E-04	1.83E-06	2.00E-06	6.91E-05	4.36E-03	1.5E-06	4.6E-06	2.6E-06	2.4E-06	1.1E-06	5.9E-08	1.4E-06	8.7E-07	7.9E-07	1.7E-07	3.3E-06
1992	UCART2	481559.83	3733002.05	481559.83	1.21201	1.24118	1.72668	0.0001	0.00011	0.00269	1.25E-05	4.33E-03	1.06E-04	1.67E-06	1.83E-06	8.41E-05	4.54E-03	1.6E-06	4.7E-06	2.7E-06	2.5E-06	1.1E-06	6.2E-08	1.5E-06	9.1E-07	8.2E-07	1.8E-07	3.5E-06
1993	UCART2	481609.83	3733002.05	481609.83	1.25028	1.28637	1.70999	0.0001	0.00011	0.00336	1.29E-05	4.49E-03	1.05E-04	1.67E-06	1.83E-06	1.05E-04	4.72E-03	1.6E-06	4.9E-06	2.9E-06	2.6E-06	1.2E-06	6.4E-08	1.5E-06	9.4E-07	8.5E-07	1.9E-07	3.6E-06
1994	UCART2	481659.83	3733002.05	481659.83	1.28575	1.32955	1.69083	0.0001	0.0001	0.0042	1.33E-05	4.64E-03	1.04E-04	1.67E-06	1.67E-06	1.31E-04	4.89E-03	1.7E-06	5.1E-06	3.0E-06	2.7E-06	1.2E-06	6.7E-08	1.6E-06	9.8E-07	8.9E-07	1.9E-07	3.7E-06
1995	UCART2	479709.83	3733052.05	479709.83	45.17768	16.11378	4.27798	0.00651	0.01615	0.00011	4.66E-04	5.62E-02	2.62E-04	1.08E-04	2.69E-04	3.44E-06	5.73E-02	2.0E-05	6.0E-05	3.5E-05	3.1E-05	1.4E-05	7.8E-07	1.9E-05	1.1E-05	1.0E-05	2.3E-06	4.4E-05
1996	UCART2	479759.83	3733052.05	479759.83	19.31196	10.683	3.24329	0.00438	0.01408	0.00012	1.99E-04	3.73E-02	1.99E-04	7.30E-05	2.35E-04	3.75E-06	3.80E-02	1.3E-05	4.0E-05	2.3E-05	2.1E-05	9.5E-06	5.2E-07	1.2E-05	7.6E-06	6.9E-06	1.5E-06	2.9E-05
1997	UCART2	479809.83	3733052.05	479809.83	11.9501	7.86627	2.66332	0.00333	0.0119	0.00012	1.23E-04	2.75E-02	1.63E-04	5.55E-05	1.98E-04	3.75E-06	2.80E-02	9.7E-06	2.9E-05	1.7E-05	1.5E-05	7.0E-06	3.8E-07	9.2E-06	5.6E-06	5.1E-06	1.1E-06	2.1E-05
1998	UCART2	479859.83	3733052.05	479859.83	8.52329	6.11898	2.35708	0.0026	0.00985	0.00013	8.79E-05	2.14E-02	1.44E-04	4.33E-05	1.64E-04	4.06E-06	2.18E-02	7.5E-06	2.3E-05	1.3E-05	1.2E-05	5.5E-06	3.0E-07	7.2E-06	4.4E-06	3.9E-06	8.6E-07	1.7E-05
1999	UCART2	479909.83	3733052.05	479909.83	6.44151	4.88033	2.18423	0.00206	0.00798	0.00013	6.64E-05	1.70E-02	1.34E-04	3.43E-05	1.33E-04	4.06E-06	1.74E-02	6.0E-06	1.8E-05	1.1E-05	9.5E-06	4.4E-06	2.4E-07	5.7E-06	3.5E-06	3.1E-06	6.9E-07	1.3E-05
2000	UCART2	479959.83	3733052.05	479959.83	5.16804	4.06165	2.07813	0.00165	0.00647	0.00014	5.33E-05	1.42E-02	1.27E-04	2.75E-05	1.08E-04	4.37E-06	1.45E-02	5.0E-06	1.5E-05	8.8E-06	8.0E-06	3.6E-06	2.0E-07	4.8E-06	2.9E-06	2.6E-06	5.7E-07	1.1E-05
2001	UCART2	480009.83	3733052.05	480009.83	4.27441	3.44844	2.01624	0.00136	0.00513	0.00015	4.41E-05	1.20E-02	1.23E-04	2.27E-05	8.55E-05	4.69E-06	1.23E-02	4.3E-06	1.3E-05	7.5E-06	6.8E-06	3.1E-06	1.7E-07	4.0E-06	2.5E-06	2.2E-06	4.9E-07	9.4E-06
2002	UCART2	480059.83	3733052.05	480059.83	3.615	2.97748	1.98332	0.00113	0.00407	0.00016	3.73E-05	1.04E-02	1.21E-04	1.88E-05	6.78E-05	5.00E-06	1.06E-02	3.7E-06	1.1E-05	6.4E-06	5.8E-06	2.7E-06	1.4E-07	3.5E-06	2.1E-06	1.9E-06	4.2E-07	8.1E-06
2003	UCART2	480109.83	3733052.05	480109.83	3.1126	2.60802	1.95486	0.00095	0.00322	0.00016	3.21E-05	9.10E-03	1.20E-04	1.58E-05	5.37E-05	5.00E-06	9.33E-03	3.2E-06	9.7E-06	5.6E-06	5.1E-06	2.3E-06	1.3E-07	3.1E-06	1.9E-06	1.7E-06	3.7E-07	7.1E-06
2004	UCART2	480159.83	3733052.05	480159.83	2.72004	2.31246	1.93692	0.00081	0.00254	0.00017	2.81E-05	8.07E-03	1.19E-04	1.35E-05	4.23E-05	5.31E-06	8.28E-03	2.9E-06	8.7E-06	5.0E-06	4.5E-06	2.1E-06	1.1E-07	2.7E-06	1.7E-06	1.5E-06	3.3E-07	6.3E-06
2005	UCART2	480209.83	3733052.05	480209.83	2.40743	2.07281	1.9279	0.0007	0.002	0.00018	2.48E-05	7.23E-03	1.18E-04	1.17E-05	3.33E-05	5.62E-06	7.43E-03	2.6E-06	7.8E-06	4.5E-06	4.1E-06	1.9E-06	1.0E-07	2.4E-06	1.5E-06	1.3E-06	2.9E-07	5.7E-06
2006	UCART2	480259.83	3733052.05	480259.83	2.15443	1.87609	1.92144	0.00061	0.00158	0.00019	2.22E-05	6.55E-03	1.18E-04	1.02E-05	2.63E-05	5.94E-06	6.73E-03	2.3E-06	7.0E-06	4.1E-06	3.7E-06	1.7E-06	9.2E-08	2.2E-06	1.3E-06	1.2E-06	2.7E-07	5.1E-06
2007	UCART2	480309.83	3733052.05	480309.83	1.94713	1.71305	1.90843	0.00054	0.00125	0.00021	2.01E-05	5.98E-03	1.17E-04	9.00E-06	2.08E-05	6.56E-06	6.15E-03	2.1E-06	6.4E-06	3.7E-06	3.4E-06	1.5E-06	8.4E-08	2.0E-06	1.2E-06	1.1E-06	2.4E-07	4.7E-06
2008	UCART2	480359.83	3733052.05	480359.83	1.77533	1.57662	1.9142	0.00048	0.00101	0.00022	1.83E-05	5.50E-03	1.17E-04	8.00E-06	1.68E-05	6.87E-06	5.67E-03	2.0E-06	5.9E-06	3.4E-06	3.1E-06	1.4E-06	7.7E-08	1.9E-06	1.1E-06	1.0E-06	2.2E-07	4.3E-06
2009	UCART2	480409.83	3733052.05	480409.83	1.63087	1.46071	1.95556	0.00043	0.00083	0.00024	1.68E-05	5.10E-03	1.20E-04	7.17E-06	1.38E-05	7.50E-06	5.26E-03	1.8E-06	5.5E-06	3.2E-06	2.9E-06	1.3E-06	7.2E-08	1.7E-06	1.1E-06	9.5E-07	2.1E-07	4.0E-06
2010	UCART2	480459.83	3733052.05	480459.83	1.50962	1.36321	1.96367	0.00039	0.00069	0.00025	1.56E-05	4.76E-03	1.20E-04	6.50E-06	1.15E-05	7.81E-06	4.92E-03	1.7E-06	5.1E-06	3.0E-06	2.7E-06	1.2E-06	6.7E-08	1.6E-06	9.8E-07	8.9E-07	1.9E-07	3.7E-06
2011	UCART2	480509.83	3733052.05	480509.83	1.40759	1.28113	1.9593	0.00035	0.00058	0.00027	1.45E-05	4.47E-03	1.20E-04	5.83E-06	9.67E-06	8.44E-06	4.63E-03	1.6E-06	4.8E-06	2.8E-06	2.5E-06	1.2E-06	6.3E-08	1.5E-06	9.2E-07	8.4E-07	1.8E-07	3.5E-06
2012	UCART2	480559.83	3733052.05	480559.83	1.32919	1.22043	1.94795	0.00032	0.00049	0.0003	1.37E-05	4.26E-03	1.19E-04	5.33E-06	8.17E-06	9.37E-06	4.41E-03	1.5E-06	4.6E-06	2.7E-06	2.4E-06	1.1E-06	6.0E-08	1.5E-06	8.8E-07	8.0E-07	1.7E-07	3.4E-06
2013	UCART2	480609.83	3733052.05	480609.83	1.2556	1.16127	1.93804	0.00029	0.00043	0.00032	1.30E-05	4.05E-03	1.19E-04	4.83E-06	7.17E-06	1.00E-05	4.21E-03	1.5E-06	4.4E-06	2.5E-06	2.3E-06	1.1E-06	5.7E-08	1.4E-06	8.4E-07	7.6E-07	1.7E-07	3.2E-06
2014	UCART2	480659.83	3733052.05	480659.83	1.19396	1.11212	1.94078	0.00027	0.00038	0.00035	1.23E-05	3.88E-03	1.19E-04	4.50E-06	6.33E-06	1.09E-05	4.03E-03	1.4E-06	4.2E-06	2.4E-06	2.2E-06	1.0E-06	5.5E-08	1.3E-06	8.1E-07	7.3E-07	1.6E-07	3.1E-06
2015	UCART2	480709.83	3733052.05	480709.83	1.14202	1.07111	1.94954	0.00025	0.00034	0.00039	1.18E-05	3.74E-03	1.19E-04	4.17E-06	5.67E-06	1.22E-05	3.89E-03	1.3E-06	4.1E-06	2.4E-06	2.1E-06	9.7E-07	5.3E-08	1.3E-06	7.8E-07	7.0E-07	1.5E-07	3.0E-06
2016	UCART2	480759.83	3733052.05	480759.83	1.09886	1.03761	1.95239	0.00023	0.0003	0.00043	1.13E-05	3.62E-03	1.20E-04	3.83E-06	5.00E-06	1.34E-05	3.77E-03	1.3E-06	3.9E-06	2.3E-06	2.1E-06	9.4E-07	5.1E-08	1.2E-06	7.5E-07	6.8E-07	1.5E-07	2.9E-06
2017	UCART2	480809.83	3733052.05	480809.83	1.06395	1.0113	1.95446	0.00022	0.00028	0.00049	1.10E-05	3.53E-03	1.20E-04	3.67E-06	4.67E-06	1.53E-05	3.68E-03	1.3E-06	3.9E-06	2.2E-06	2.0E-06	9.2E-07	5.0E-08	1.2E-06	7.4E-07	6.7E-07	1.5E-07	2.8E-06
2018	UCART2	480859.83	3733052.05	480859.83	1.03669	0.99176	1.95567	0.0002	0.00025	0.00055	1.07E-05	3.46E-03	1.20E-04	3.33E-06	4.17E-06	1.72E-05	3.62E-03	1.3E-06	3.8E-06	2.2E-06	2.0E-06	9.1E-07	4.9E-08	1.2E-06	7.2E-07	6.5E-07	1.4E-07	2.8E-06
2019	UCART2	480909.83	3733052.05	480909.83	1.01652	0.97857	1.95618	0.00019	0.00023	0.00062	1.05E-05	3.41E-03	1.20E-04	3.17E-06	3.83E-06	1.94E-05	3.57E-03	1.2E-06	3.7E-06	2.2E-06	2.0E-06	8.9E-07	4.9E-08	1.2E-06	7.1E-07	6.5E-07	1.4E-07	2.7E-06
2020	UCART2	480959.83	3733052.05	480959.83	1.00298	0.9714	1.95633	0.00018	0.00022	0.0007	1.03E-05	3.39E-03	1.20E-04	3.00E-06	3.67E-06	2.19E-05	3.55E-03	1.2E-06	3.7E-06	2.1E-06	1.9E-06	8.9E-07	4.8E-08	1.2E-06	7.1E-07	6.4E-07	1.4E-07	2.7E-06
2021	UCART2	481009.83	3733052.05	481009.83	0.99612	0.97038	1.95564	0.00017	0.0002	0.00079	1.03E-05	3.39E-03	1.20E-04	2.83E-06	3.33E-06	2.47E-05	3.55E-03	1.2E-06	3.7E-06	2.1E-06	1.9E-06	8.9E-07	4.8E-08	1.2E-06	7.1E-07	6.4E-07	1.4E-07	2.7E-06
2022	UCART2	481059.83	3733052.05	481059.83	0.99582	0.97547	1.95419	0.00016	0.00019	0.00089	1.03E-05	3.40E-03	1.20E-04	2.67E-06	3.17E-06	2.78E-05	3.57E-03	1.2E-06	3.7E-06	2.2E-06	2.0E-06	8.9E-07	4.9E-08	1.2E-06	7.1E-07	6.5E-07	1.4E-07	2.7E-06
2023	UCART2	481109.83	3733052.05	481109.83	1.00209	0.98673	1.95201	0.00015	0.00018	0.00101	1.03E-05	3.44E-03	1.20E-04	2.50E-06	3.00E-06	3.16E-05	3.61E-03	1.2E-06	3.8E-06	2.2E-06	2.0E-06	9.0E-07	4.9E-08	1.2E-06	7.2E-07	6.5E-07	1.4E-07	2.7E-06
2024	UCART2	481159.83	3733052.05	481159.83	1.01504	1.00436	1.94889	0.00014	0.00016	0.00113	1.05E-05	3.50E-03	1.19E-04	2.33E-06	2.67E-06	3.53E-05	3.68E-03	1.3E-06	3.8E-06	2.2E-06	2.0E-06	9.2E-07	5.0E-08	1.2E-06	7.3E-07	6.7E-07	1.5E-07	2.8E-06
2025	UCART2	481209.83	3733052.05	481209.83	1.03471	1.02845	1.94496	0.00014	0.00016	0.00126	1.07E-05	3.59E-03	1.19E-04	2.33E-06	2.67E-06	3.94E-05	3.76E-03	1.3E-06	3.9E-06	2.3E-06	2.1E-06	9.4E-07	5.1E-08	1.2E-06	7.5E-07	6.8E-07	1.5E-07	2.9E-06
2026	UCART2	481259.83	3733052.05	481259.83	1.06117	1.05914	1.94012	0.00013	0.00015	0.0014	1.09E-05	3.70E-03	1.19E-04	2.17E-06	2.50E-06	4.37E-05	3.87E-03	1.3E-06	4.0E-06	2.3E-06	2.1E-06	9.7E-07	5.3E-08	1.3E-06	7.7E-07	7.0E-07	1.5E-07	3.0E-06
2027	UCART2	481309.83	3733052.05	481309.83	1.09435	1.09646	1.93433	0.00013	0.00014	0.00154	1.13E-05	3.83E-03	1.18E-04	2.17E-06	2.33E-06	4.81E-05	4.01E-03	1.4E-06	4.2E-06	2.4E-06	2.2E-06	1.0E-06	5.5E-08	1.3E-06	8.0E-07	7.3E-07	1.6E-07	3.1E-06
2028	UCART2	481359.83	3733052.05	481359.83	1.13411	1.1404	1.92724	0.00012	0.00013	0.00168	1.17E-05	3.98E-03	1.18E-04	2.00E-06	2.17E-06	5.25E-05	4.17E-03	1.4E-06	4.4E-06	2.5E-06	2.3E-06	1.0E-06	5.7E-08	1.4E-06	8.3E-07	7.5E-07	1.6E-07	3.2E-06
2029	UCART2	481409.83	3733052.05	481409.83	1.17996	1.19065	1.91868	0.00012	0.00013	0.00185	1.22E-05	4.16E-03	1.18E-04	2.00E-06	2.17E-06	5.78E-05	4.35E-03	1.5E-06	4.5E-06	2.6E-06	2.4E-06	1.1E-06	5.9E-08	1.4E-06	8.7E-07	7.9E-07	1.7E-07	3.3E-06
2030	UCART2	481459.83	3733052.05	481459.83	1.23101	1.24656	1.90843	0.00011	0.00012	0.00209	1.27E-05	4.35E-03	1.17E-04	1.83E-06	2.00E-06	6.53E-05	4.55E-03	1.6E-06	4.8E-06	2.8E-06	2.5E-06	1.1E-06	6.2E-08	1.5E-06	9.1E-07	8.2E-07	1.8E-07	3.5E-06
2031	UCART2	481509.83	3733052.05	481509.83	1.28586	1.30702	1.89622	0.00011	0.00012	0.00244	1.33E-05	4.56E-03	1.16E-04	1.83E-06	2.00E-06	7.62E-05	4.77E-03	1.7E-06	5.0E-06	2.9E-06	2.6E-06	1.2E-06	6.5E-08	1.6E-06	9.5E-07	8.6E-07	1.9E-07	3.6E-06
2032	UCART2	481559.83	3733052.05	481559.83	1.34253	1.37029	1.88175	0.0001	0.00011	0.003	1.38E-05	4.78E-03	1.15E-04	1.67E-06	1.83E-06	9.37E-05	5.01E-03	1.7E-06	5.2E-06	3.0E-06	2.7E-06	1.3E-06	6.8E-08	1.6E-06	1.0E-06	9.1E-07	2.0E-07	3.8E-06
2033	UCART2	481609.83	3733052.05	481609.83	1.39852	1.43407	1.86476	0.0001	0.00011	0.0038	1.44E-05	5.00E-03	1.14E-04	1.67E-06	1.83E-06	1.19E-04	5.26E-03	1.8E-06	5.5E-06	3.2E-06	2.9E-06	1.3E-06	7.1E-08	1.7E-06	1.0E-06	9.5E-07	2.1E-07	4.0E-06
2034	UCART2	481659.83	3733052.05	481659.83	1.45104	1.49175	1.84481	0.0001	0.0001	0.00485	1.50E-05	5.22E-03	1.13E-04	1.67E-06	1.67E-06	1.52E-04	5.50E-03	1.9E-06	5.8E-06	3.3E-06	3.0E-06	1.4E-06	7.5E-08	1.8E-06	1.1E-06	1.0E-06	2.3E-07	4.2E-06
2035	UCART2	479709.83	3733102.05	479709.83	48.12681	15.08204	9.6039	0.005	0.01851	0.00011	4.96E-04	5.26E-02	5.88E-04	8.33E-05	3.08E-04	3.44E-06	5.41E-02	1.9E-05	5.7E-05	3.3E-05	3.0E-05	1.4E-05	7.4E-07	1.8E-05	1.1E-05	9.8E-06	2.1E-06	4.1E-05
2036	UCART2	479759.83	3733102.05	479759.83	19.83577	10.51619	4.26042	0.00377	0.01554	0.00012	2.05E-04	3.67E-02	2.61E-04	6.28E-05	2.59E-04	3.75E-06	3.75E-02	1.3E-05	3.9E-05	2.3E-05	2.1E-05	9.4E-06	5.1E-07	1.2E-05	7.5E-06	6.8E-06	1.5E-06	2.9E-05
2037	UCART2	479809.83	3733102.05	479809.83	12.29608	7.89944	3.13218	0.00297	0.01264	0.00012	1.27E-04	2.76E-02	1.92E-04	4.95E-05	2.11E-04	3.75E-06	2.81E-02	9.7E-06	2.9E-05	1.7E-05	1.5E-05	7.0E-06	3.8E-07	9.2E-06	5.6E-06	5.1E-06	1.1E-06	2.1E-05
2038	UCART2	479859.83	3733102.05	479859.83	8.75734	6.17304	2.66139	0.00238	0.01011	0.00013	9.03E-05	2.15E-02	1.63E-04	3.97E-05	1.68E-04	4.06E-06	2.20E-02	7.6E-06	2.3E-05	1.3E-05	1.2E-05	5.5E-06	3.0E-07	7.2E-06	4.4E-06	4.0E-06	8.7E-07	1.7E-05
2039	UCART2	479909.83	3733102.05	479909.83	6.60221	4.93674	2.42015	0.00193	0.00804	0.00014	6.81E-05	1.72E-02	1.48E-04	3.22E-05	1.34E-04	4.37E-06	1.76E-02	6.1E-06	1.8E-05	1.1E-05	9.7E-06	4.4E-06	2.4E-07	5.8E-06	3.5E-06	3.2E-06	7.0E-07	1.3E-05
2040	UCART2	479959.83	3733102.05	479959.83	5.28494	4.10609	2.28567	0.00159	0.00626	0.00014	5.45E-05	1.43E-02	1.40E-04	2.65E-05	1.04E-04	4.37E-06	1.47E-02	5.1E-06	1.5E-05	8.9E-06	8.0E-06	3.7E-06	2.0E-07	4.8E-06	2.9E-06	2.7E-06	5.8E-07	1.1E-05
2041	UCART2	480009.83	3733102.05	480009.83	4.3594	3.48454	2.20831	0.00132	0.00487	0.00015	4.50E-05	1.22E-02	1.35E-04	2.20E-05	8.12E-05	4.69E-06	1.24E-02	4.3E-06	1.3E-05	7.5E-06	6.8E-06	3.1E-06	1.7E-07	4.1E-06	2.5E-06	2.3E-06	4.9E-07	9.5E-06
2042	UCART2	480059.83	3733102.05	480059.83	3.67807	3.00672	2.15557	0.00111	0.00379	0.00016	3.79E-05	1.05E-02	1.32E-04	1.85E-05	6.32E-05	5.00E-06	1.07E-02	3.7E-06	1.1E-05	6.5E-06	5.9E-06	2.7E-06	1.5E-07	3.5E-06	2.1E-06	1.9E-06	4.2E-07	8.2E-06
2043	UCART2	480109.83	3733102.05	480109.83	3.16026	2.63128	2.11404	0.00094	0.00291	0.00017	3.26E-05	9.18E-03	1.29E-04	1.57E-05	4.85E-05	5.31E-06	9.41E-03	3.3E-06	9.8E-06	5.7E-06	5.2E-06	2.4E-06	1.3E-07	3.1E-06	1.9E-06	1.7E-06	3.7E-07	7.2E-06
2044	UCART2	480159.83	3733102.05	480159.83	2.75754	2.33201	2.09529	0.0008	0.00226	0.00017	2.84E-05	8.14E-03	1.28E-04	1.33E-05	3.77E-05

2120	UCART2	479959.83	3733202.05	479959.83	5.21075	4.04529	2.75919	0.00153	0.00492	0.00014	5.38E-05	1.41E-02	1.69E-04	2.55E-05	8.20E-05	4.37E-06	1.45E-02	5.0E-06	1.5E-05	8.7E-06	7.9E-06	3.6E-06	2.0E-07	4.7E-06	2.9E-06	2.6E-06	5.7E-07	1.1E-05
2121	UCART2	480009.83	3733202.05	480009.83	4.33178	3.44939	2.6292	0.00128	0.00364	0.00015	4.47E-05	1.20E-02	1.61E-04	2.13E-05	6.07E-05	4.69E-06	1.23E-02	4.3E-06	1.3E-05	7.5E-06	6.8E-06	3.1E-06	1.7E-07	4.1E-06	2.5E-06	2.2E-06	4.9E-07	9.4E-06
2122	UCART2	480059.83	3733202.05	480059.83	3.67182	2.98651	2.5614	0.00108	0.0027	0.00016	3.79E-05	1.04E-02	1.57E-04	1.80E-05	4.50E-05	5.00E-06	1.07E-02	3.7E-06	1.1E-05	6.5E-06	5.9E-06	2.7E-06	1.5E-07	3.5E-06	2.1E-06	1.9E-06	4.2E-07	8.1E-06
2123	UCART2	480109.83	3733202.05	480109.83	3.1648	2.62125	2.5182	0.00093	0.00204	0.00017	3.26E-05	9.15E-03	1.54E-04	1.55E-05	3.40E-05	5.31E-06	9.39E-03	3.3E-06	9.8E-06	5.7E-06	5.1E-06	2.3E-06	1.3E-07	3.1E-06	1.9E-06	1.7E-06	3.7E-07	7.2E-06
2124	UCART2	480159.83	3733202.05	480159.83	2.76819	2.33028	2.50143	0.0008	0.00157	0.00018	2.86E-05	8.13E-03	1.53E-04	1.33E-05	2.62E-05	5.62E-06	8.36E-03	2.9E-06	8.7E-06	5.1E-06	4.6E-06	2.1E-06	1.1E-07	2.7E-06	1.7E-06	1.5E-06	3.3E-07	6.4E-06
2125	UCART2	480209.83	3733202.05	480209.83	2.45446	2.09511	2.49639	0.0007	0.00123	0.00019	2.53E-05	7.31E-03	1.53E-04	1.17E-05	2.05E-05	5.94E-06	7.53E-03	2.6E-06	7.9E-06	4.6E-06	4.1E-06	1.9E-06	1.0E-07	2.5E-06	1.5E-06	1.4E-06	3.0E-07	5.7E-06
2126	UCART2	480259.83	3733202.05	480259.83	2.19729	1.89886	2.49748	0.00061	0.00097	0.0002	2.27E-05	6.63E-03	1.53E-04	1.02E-05	1.62E-05	6.25E-06	6.83E-03	2.4E-06	7.1E-06	4.1E-06	3.7E-06	1.7E-06	9.3E-08	2.2E-06	1.4E-06	1.2E-06	2.7E-07	5.2E-06
2127	UCART2	480309.83	3733202.05	480309.83	1.98658	1.73608	2.50028	0.00054	0.00079	0.00021	2.05E-05	6.06E-03	1.53E-04	9.00E-06	1.32E-05	6.56E-06	6.26E-03	2.2E-06	6.5E-06	3.8E-06	3.4E-06	1.6E-06	8.5E-08	2.1E-06	1.3E-06	1.1E-06	2.5E-07	4.8E-06
2128	UCART2	480359.83	3733202.05	480359.83	1.8113	1.59925	2.51988	0.00048	0.00066	0.00022	1.87E-05	5.58E-03	1.54E-04	8.00E-06	1.10E-05	6.87E-06	5.78E-03	2.0E-06	6.0E-06	3.5E-06	3.2E-06	1.4E-06	7.9E-08	1.9E-06	1.2E-06	1.0E-06	2.3E-07	4.4E-06
2129	UCART2	480409.83	3733202.05	480409.83	1.66508	1.4843	2.52872	0.00043	0.00056	0.00024	1.72E-05	5.18E-03	1.55E-04	7.17E-06	9.33E-06	7.50E-06	5.38E-03	1.9E-06	5.6E-06	3.3E-06	2.9E-06	1.3E-06	7.3E-08	1.8E-06	1.1E-06	9.7E-07	2.1E-07	4.1E-06
2130	UCART2	480459.83	3733202.05	480459.83	1.54285	1.38784	2.55295	0.00039	0.00049	0.00026	1.59E-05	4.84E-03	1.55E-04	6.50E-06	8.17E-06	8.12E-06	5.04E-03	1.7E-06	5.3E-06	3.0E-06	2.8E-06	1.3E-06	6.9E-08	1.7E-06	1.0E-06	9.1E-07	2.0E-07	3.8E-06
2131	UCART2	480509.83	3733202.05	480509.83	1.43985	1.30639	2.53756	0.00035	0.00043	0.00028	1.49E-05	4.56E-03	1.55E-04	5.83E-06	7.17E-06	8.75E-06	4.75E-03	1.6E-06	5.0E-06	2.9E-06	2.6E-06	1.2E-06	6.5E-08	1.6E-06	9.5E-07	8.6E-07	1.9E-07	3.6E-06
2132	UCART2	480559.83	3733202.05	480559.83	1.35256	1.23735	2.54303	0.00032	0.00038	0.0003	1.40E-05	4.32E-03	1.56E-04	5.33E-06	6.33E-06	9.37E-06	4.51E-03	1.6E-06	4.7E-06	2.7E-06	2.5E-06	1.1E-06	6.1E-08	1.5E-06	9.0E-07	8.2E-07	1.8E-07	3.4E-06
2133	UCART2	480609.83	3733202.05	480609.83	1.27895	1.17936	2.5487	0.00029	0.00034	0.00033	1.32E-05	4.12E-03	1.56E-04	4.83E-06	5.67E-06	1.03E-05	4.31E-03	1.5E-06	4.5E-06	2.6E-06	2.4E-06	1.1E-06	5.9E-08	1.4E-06	8.6E-07	7.8E-07	1.7E-07	3.3E-06
2134	UCART2	480659.83	3733202.05	480659.83	1.21788	1.13177	2.55331	0.00027	0.00031	0.00036	1.26E-05	3.95E-03	1.56E-04	4.50E-06	5.17E-06	1.12E-05	4.14E-03	1.4E-06	4.3E-06	2.5E-06	2.3E-06	1.0E-06	5.6E-08	1.4E-06	8.3E-07	7.5E-07	1.6E-07	3.2E-06
2135	UCART2	480709.83	3733202.05	480709.83	1.16744	1.09309	2.55757	0.00025	0.00029	0.0004	1.20E-05	3.81E-03	1.57E-04	4.17E-06	4.83E-06	1.25E-05	4.00E-03	1.4E-06	4.2E-06	2.4E-06	2.2E-06	1.0E-06	5.4E-08	1.3E-06	8.0E-07	7.2E-07	1.6E-07	3.1E-06
2136	UCART2	480759.83	3733202.05	480759.83	1.12658	1.0626	2.56147	0.00023	0.00026	0.00044	1.16E-05	3.71E-03	1.57E-04	3.83E-06	4.33E-06	1.37E-05	3.90E-03	1.3E-06	4.1E-06	2.4E-06	2.1E-06	9.8E-07	5.3E-08	1.3E-06	7.8E-07	7.1E-07	1.5E-07	3.0E-06
2137	UCART2	480809.83	3733202.05	480809.83	1.0949	1.0401	2.56441	0.00022	0.00024	0.00049	1.13E-05	3.63E-03	1.57E-04	3.67E-06	4.00E-06	1.53E-05	3.82E-03	1.3E-06	4.0E-06	2.3E-06	2.1E-06	9.6E-07	5.2E-08	1.3E-06	7.6E-07	6.9E-07	1.5E-07	2.9E-06
2138	UCART2	480859.83	3733202.05	480859.83	1.07169	1.02509	2.56682	0.0002	0.00022	0.00055	1.11E-05	3.58E-03	1.57E-04	3.33E-06	3.67E-06	1.72E-05	3.77E-03	1.3E-06	3.9E-06	2.3E-06	2.1E-06	9.4E-07	5.1E-08	1.2E-06	7.5E-07	6.8E-07	1.5E-07	2.9E-06
2139	UCART2	480909.83	3733202.05	480909.83	1.05678	1.01753	2.5686	0.00019	0.00021	0.00062	1.09E-05	3.55E-03	1.57E-04	3.17E-06	3.50E-06	1.94E-05	3.75E-03	1.3E-06	3.9E-06	2.3E-06	2.1E-06	9.4E-07	5.1E-08	1.2E-06	7.5E-07	6.8E-07	1.5E-07	2.9E-06
2140	UCART2	480959.83	3733202.05	480959.83	1.05014	1.0175	2.56992	0.00018	0.0002	0.00071	1.08E-05	3.55E-03	1.57E-04	3.00E-06	3.33E-06	2.22E-05	3.75E-03	1.3E-06	3.9E-06	2.3E-06	2.1E-06	9.4E-07	5.1E-08	1.2E-06	7.5E-07	6.8E-07	1.5E-07	2.9E-06
2141	UCART2	481009.83	3733202.05	481009.83	1.05214	1.02542	2.57061	0.00017	0.00018	0.00082	1.09E-05	3.58E-03	1.57E-04	2.83E-06	3.00E-06	2.56E-05	3.78E-03	1.3E-06	3.9E-06	2.3E-06	2.1E-06	9.5E-07	5.1E-08	1.2E-06	7.5E-07	6.8E-07	1.5E-07	2.9E-06
2142	UCART2	481059.83	3733202.05	481059.83	1.06322	1.04177	2.57085	0.00016	0.00017	0.00095	1.10E-05	3.64E-03	1.57E-04	2.67E-06	2.83E-06	2.97E-05	3.84E-03	1.3E-06	4.0E-06	2.3E-06	2.1E-06	9.6E-07	5.2E-08	1.3E-06	7.7E-07	6.9E-07	1.5E-07	2.9E-06
2143	UCART2	481109.83	3733202.05	481109.83	1.08428	1.06741	2.57053	0.00015	0.00016	0.0011	1.12E-05	3.73E-03	1.57E-04	2.50E-06	2.67E-06	3.44E-05	3.93E-03	1.4E-06	4.1E-06	2.4E-06	2.2E-06	9.8E-07	5.3E-08	1.3E-06	7.9E-07	7.1E-07	1.6E-07	3.0E-06
2144	UCART2	481159.83	3733202.05	481159.83	1.11639	1.1034	2.56975	0.00014	0.00016	0.00129	1.15E-05	3.85E-03	1.57E-04	2.33E-06	2.67E-06	4.03E-05	4.06E-03	1.4E-06	4.2E-06	2.5E-06	2.2E-06	1.0E-06	5.5E-08	1.3E-06	8.1E-07	7.4E-07	1.6E-07	3.1E-06
2145	UCART2	481209.83	3733202.05	481209.83	1.16093	1.15101	2.56864	0.00014	0.00015	0.00152	1.20E-05	4.02E-03	1.57E-04	2.33E-06	2.50E-06	4.75E-05	4.24E-03	1.5E-06	4.4E-06	2.6E-06	2.3E-06	1.1E-06	5.8E-08	1.4E-06	8.5E-07	7.7E-07	1.7E-07	3.2E-06
2146	UCART2	481259.83	3733202.05	481259.83	1.21975	1.21198	2.56708	0.00013	0.00014	0.00177	1.26E-05	4.23E-03	1.57E-04	2.17E-06	2.33E-06	5.53E-05	4.46E-03	1.5E-06	4.7E-06	2.7E-06	2.4E-06	1.1E-06	6.1E-08	1.5E-06	8.9E-07	8.1E-07	1.8E-07	3.4E-06
2147	UCART2	481309.83	3733202.05	481309.83	1.29486	1.2882	2.56508	0.00013	0.00013	0.00205	1.34E-05	4.50E-03	1.57E-04	2.17E-06	2.17E-06	6.41E-05	4.73E-03	1.6E-06	4.9E-06	2.9E-06	2.6E-06	1.2E-06	6.4E-08	1.6E-06	9.5E-07	8.6E-07	1.9E-07	3.6E-06
2148	UCART2	481359.83	3733202.05	481359.83	1.38854	1.38185	2.56243	0.00012	0.00013	0.00235	1.43E-05	4.82E-03	1.57E-04	2.00E-06	2.17E-06	7.34E-05	5.07E-03	1.8E-06	5.3E-06	3.1E-06	2.8E-06	1.3E-06	6.9E-08	1.7E-06	1.0E-06	9.2E-07	2.0E-07	3.9E-06
2149	UCART2	481409.83	3733202.05	481409.83	1.50285	1.49509	2.55891	0.00011	0.00012	0.00265	1.55E-05	5.22E-03	1.57E-04	1.83E-06	2.00E-06	8.28E-05	5.48E-03	1.9E-06	5.7E-06	3.3E-06	3.0E-06	1.4E-06	7.4E-08	1.8E-06	1.1E-06	9.9E-07	2.2E-07	4.2E-06
2150	UCART2	481459.83	3733202.05	481459.83	1.63902	1.6295	2.55414	0.00011	0.00012	0.00295	1.69E-05	5.69E-03	1.56E-04	1.83E-06	2.00E-06	9.22E-05	5.96E-03	2.1E-06	6.2E-06	3.6E-06	3.3E-06	1.5E-06	8.1E-08	2.0E-06	1.2E-06	1.1E-06	2.4E-07	4.5E-06
2151	UCART2	481509.83	3733202.05	481509.83	1.79665	1.78561	2.54759	0.00011	0.00011	0.00335	1.85E-05	6.23E-03	1.56E-04	1.83E-06	1.83E-06	1.05E-04	6.51E-03	2.3E-06	6.8E-06	3.9E-06	3.6E-06	1.6E-06	8.9E-08	2.1E-06	1.3E-06	1.2E-06	2.6E-07	5.0E-06
2152	UCART2	481559.83	3733202.05	481559.83	1.97266	1.96206	2.53831	0.0001	0.00011	0.00402	2.03E-05	6.85E-03	1.55E-04	1.67E-06	1.83E-06	1.26E-04	7.15E-03	2.5E-06	7.5E-06	4.3E-06	3.9E-06	1.8E-06	9.7E-08	2.3E-06	1.4E-06	1.3E-06	2.8E-07	5.5E-06
2153	UCART2	481609.83	3733202.05	481609.83	2.15995	2.15414	2.52519	0.0001	0.0001	0.00527	2.23E-05	7.52E-03	1.55E-04	1.67E-06	1.67E-06	1.65E-04	7.86E-03	2.7E-06	8.2E-06	4.8E-06	4.3E-06	2.0E-06	1.1E-07	2.6E-06	1.6E-06	1.4E-06	3.1E-07	6.0E-06
2154	UCART2	481659.83	3733202.05	481659.83	2.3468	2.35291	2.50686	0.0001	0.0001	0.00731	2.42E-05	8.21E-03	1.54E-04	1.67E-06	1.67E-06	2.28E-04	8.62E-03	3.0E-06	9.0E-06	5.2E-06	4.7E-06	2.2E-06	1.2E-07	2.8E-06	1.7E-06	1.6E-06	3.4E-07	6.6E-06
2155	UCART2	479709.83	3733252.05	479709.83	15.07169	10.88321	13.60411	0.00382	0.02161	0.00012	1.55E-04	3.80E-02	8.33E-04	6.37E-05	3.60E-04	3.75E-06	3.94E-02	1.4E-05	4.1E-05	2.4E-05	2.2E-05	9.9E-06	5.4E-07	1.3E-05	7.9E-06	7.1E-06	1.6E-06	3.0E-05
2156	UCART2	479759.83	3733252.05	479759.83	12.19433	8.72418	6.08612	0.00314	0.01483	0.00012	1.26E-04	3.04E-02	3.73E-04	5.23E-05	2.47E-04	3.75E-06	3.12E-02	1.1E-05	3.3E-05	1.9E-05	1.7E-05	7.8E-06	4.2E-07	1.0E-05	6.2E-06	5.7E-06	1.2E-06	2.4E-05
2157	UCART2	479809.83	3733252.05	479809.83	9.65698	6.99089	4.31864	0.00258	0.0104	0.00013	9.96E-05	2.44E-02	2.64E-04	4.30E-05	1.73E-04	4.06E-06	2.50E-02	8.6E-06	2.6E-05	1.5E-05	1.4E-05	6.3E-06	3.4E-07	8.2E-06	5.0E-06	4.5E-06	9.9E-07	1.9E-05
2158	UCART2	479859.83	3733252.05	479859.83	7.66306	5.68189	3.58717	0.00214	0.00738	0.00013	7.90E-05	1.98E-02	2.20E-04	3.57E-05	1.23E-04	4.06E-06	2.03E-02	7.0E-06	2.1E-05	1.2E-05	1.1E-05	5.1E-06	2.8E-07	6.7E-06	4.1E-06	3.7E-06	8.0E-07	1.5E-05
2159	UCART2	479909.83	3733252.05	479909.83	6.17231	4.70181	3.2281	0.00177	0.00529	0.00014	6.37E-05	1.64E-02	1.98E-04	2.95E-05	8.82E-05	4.37E-06	1.68E-02	5.8E-06	1.8E-05	1.0E-05	9.2E-06	4.2E-06	2.3E-07	5.5E-06	3.4E-06	3.0E-06	6.6E-07	1.3E-05
2160	UCART2	479959.83	3733252.05	479959.83	5.06975	3.96112	3.02187	0.00148	0.00386	0.00014	5.23E-05	1.38E-02	1.85E-04	2.47E-05	6.43E-05	4.37E-06	1.42E-02	4.9E-06	1.5E-05	8.6E-06	7.8E-06	3.5E-06	1.9E-07	4.6E-06	2.8E-06	2.6E-06	5.6E-07	1.1E-05
2161	UCART2	480009.83	3733252.05	480009.83	4.24479	3.39085	2.89087	0.00124	0.00282	0.00015	4.38E-05	1.18E-02	1.77E-04	2.07E-05	4.70E-05	4.69E-06	1.21E-02	4.2E-06	1.3E-05	7.3E-06	6.7E-06	3.0E-06	1.6E-07	4.0E-06	2.4E-06	2.2E-06	4.8E-07	9.2E-06
2162	UCART2	480059.83	3733252.05	480059.83	3.61556	2.94475	2.81993	0.00106	0.00214	0.00016	3.73E-05	1.03E-02	1.73E-04	1.77E-05	3.57E-05	5.00E-06	1.05E-02	3.7E-06	1.1E-05	6.4E-06	5.8E-06	2.6E-06	1.4E-07	3.5E-06	2.1E-06	1.9E-06	4.2E-07	8.0E-06
2163	UCART2	480109.83	3733252.05	480109.83	3.12825	2.59193	2.78955	0.00091	0.00165	0.00017	3.23E-05	9.05E-03	1.71E-04	1.52E-05	2.75E-05	5.31E-06	9.30E-03	3.2E-06	9.7E-06	5.6E-06	5.1E-06	2.3E-06	1.3E-07	3.1E-06	1.9E-06	1.7E-06	3.7E-07	7.1E-06
2164	UCART2	480159.83	3733252.05	480159.83	2.74742	2.31169	2.77486	0.00079	0.00127	0.00018	2.83E-05	8.07E-03	1.70E-04	1.32E-05	2.12E-05	5.62E-06	8.31E-03	2.9E-06	8.7E-06	5.0E-06	4.6E-06	2.1E-06	1.1E-07	2.7E-06	1.7E-06	1.5E-06	3.3E-07	6.3E-06
2165	UCART2	480209.83	3733252.05	480209.83	2.46706	2.07819	2.78386	0.00069	0.00101	0.00019	2.51E-05	7.25E-03	1.71E-04	1.15E-05	1.68E-05	5.94E-06	7.48E-03	2.6E-06	7.8E-06	4.5E-06	4.1E-06	1.9E-06	1.0E-07	2.5E-06	1.5E-06	1.4E-06	3.0E-07	5.7E-06
2166	UCART2	480259.83	3733252.05	480259.83	2.18467	1.8857	2.79735	0.0006	0.00083	0.0002	2.25E-05	6.58E-03	1.71E-04	1.00E-05	1.38E-05	6.25E-06	6.80E-03	2.4E-06	7.1E-06	4.1E-06	3.7E-06	1.7E-06	9.3E-08	2.2E-06	1.4E-06	1.2E-06	2.7E-07	5.2E-06
2167	UCART2	480309.83	3733252.05	480309.83	1.97747	1.72595	2.79932	0.00053	0.0007	0.00021	2.04E-05	6.02E-03	1.71E-04	8.83E-06	1.17E-05	6.56E-06	6.24E-03	2.2E-06	6.5E-06	3.8E-06	3.4E-06	1.6E-06	8.5E-08	2.1E-06	1.2E-06	1.1E-06	2.5E-07	4.8E-06
2168	UCART2	480359.83	3733252.05	480359.83	1.80521	1.59194	2.80269	0.00048	0.00059	0.00023	1.86E-05	5.56E-03	1.72E-04	8.00E-06	9.83E-06	7.19E-06	5.77E-03	2.0E-06	6.0E-06	3.5E-06	3.2E-06	1.4E-06	7.8E-08	1.9E-06	1.2E-06	1.0E-06	2.3E-07	4.4E-06
2169	UCART2	480409.83	3733252.05	480409.83	1.66095	1.47895	2.8077	0.00043	0.00052	0.00024	1.71E-05	5.16E-03	1.72E-04	7.17E-06	8.67E-06	7.50E-06	5.37E-03	1.9E-06	5.6E-06	3.3E-06	2.9E-06	1.3E-06	7.3E-08	1.8E-06	1.1E-06	9.7E-07	2.1E-07	4.1E-06
2170	UCART2	480459.83	3733252.05	480459.83	1.54005	1.38393	2.81304	0.00039	0.00045	0.00026	1.59E-05	4.83E-03	1.72E-04	6.50E-06	7.50E-06	8.12E-06	5.04E-03	1.7E-06	5.3E-06	3.0E-06	2.8E-06	1.3E-06	6.9E-08	1.7E-06	1.0E-06	9.1E-07	2.0E-07	3.8E-06
2171	UCART2	480509.83	3733252.05	480509.83	1.43813	1.30369	2.81881	0.00035	0.0004	0.00028	1.48E-05	4.55E-03	1.73E-04	5.83E-06	6.67E-06	8.75E-06	4.76E-03	1.6E-06	5.0E-06	2.9E-06	2.6E-06	1.2E-06	6.5E-08	1.6E-06	9.5E-07	8.6E-07	1.9E-07	3.6E-06
2172	UCART2	480559.83	3733252.05	480559.83	1.35226	1.23619	2.82465	0.00032	0.00036	0.0003	1.39E-05	4.31E-03	1.73E-04	5.33E-06	6.00E-06	9.37E-06	4.52E-03	1.6E-06	4.7E-06	2.7E-06	2.5E-06	1.1E-06	6.1E-08	1.5E-06	9.0E-07	8.2E-07	1.8E-07	3.4E-06
2173	UCART2	480609.83	3733252.05	480609.83	1.27982	1.17952	2.83093	0.00029	0.00033	0.00033	1.32E-05	4.12E-03	1.73E-04	4.83E-06	5.50E-06	1.03E-05	4.32E-03	1.5E-06	4.5E-06	2.6E-06	2.4E-06	1.1E-06	5.9E-08	1.4E-06	8.6E-07	7.8E-07	1.7E-07	3.3E-06
2174	UCART2	480659.83	3733252.05	480659.83	1.21963	1.13297	2.8365	0.00027	0.0003	0.00036	1.26E-05	3.95E-03	1.74E-04	4.50E-06	5.00E-06	1.12E-05	4.16E-03	1.4E-06	4.3E-06	2.5E-06	2.3E-06	1.0E-06	5.7E-08	1.4E-06	8.3E-07	7.5E-07	1.6E-07	3.2E-06
2175	UCART2	480709.83	3733252.05	480709.83	1.17029	1.09553	2.84139	0.00025	0.00028	0.0004	1.21E-05	3.82E-03	1.74E-04	4.17E-06	4.67E-06	1.25E-05	4.03E-03	1.4E-06	4.2E-06	2.4E-06	2.2E-06	1.0E-06	5.5E-08	1.3E-06	8.0E-07	7.3E-07	1.6E-07	3.1E-06
2176	UCART2	480759.83	3733252.05	480759.83	1.13069	1.0664	2.84571	0.00023	0.00026	0.00044	1.17E-05	3.72E-03	1.74E-04	3.83E-06	4.33E-06	1.37E-05	3.93E-03	1.4E-06	4.1E-06	2.4E-06	2.2E-06	9.8E-07	5.3E-08	1.3E-06	7.8E-07	7.1E-07	1.6E-07	3.0E-06
2177	UCART2	480809.83	3733252.05	480809.83	1.10047	1.04547	2.84906	0.00022	0.00024	0.00049	1.14E-05	3.65E-03	1.74E-04	3.67E-06	4.00E-06	1.53E-05	3.86E-03	1.3E-06	4.0E-06	2.3E-06	2.1E-06	9.7E-07	5.2E-08	1.3E-06	7.7E-07	7.0E-07	1.5E-07	2.9E-06
2178	UCART2	480859.83	3733252.05	480859.83	1.07888	1.03216	2.85199	0.0002	0.00022	0.00055	1.11E-05	3.60E-03	1.75E-04	3.33E-06	3.67E-06	1.72E-05	3.81E-03	1.3E-06	4.0E-06	2.3E-06	2.1E-06	9.5E-07	5.2E-08	1.3E-06	7.6E-07	6.9E-07	1.5E-07	2.9E-06
2179	UCART2	480909.83	3733252.05	480909.83	1.06593	1.02664	2.85433	0.00019	0.00021	0.00062	1.10E-05	3.58E-03	1.75E-04	3.17E-06	3.50E-06	1.94E-05	3.79E-03	1.3E-06	4.0E-06	2.3E-06	2.1E-06	9.5E-07	5.2E-08	1.2E-06	7.6E-07	6.9E-07	1.5E-07	2.9E-06
2180	UCART2	480959.83	3733252.05	480959.83	1.0617	1.02904	2.8563	0.00018	0.00019	0.00071	1.10E-05	3.59E-03	1.75E-04	3.00E-06	3.17E-06	2.22E-05	3.81E-03	1.3E-06	4.0E-06	2.3E-06	2.1E-06	9.5E-07	5.2E-08	1.3E-06	7.6E-07	6.9E-07	1.5E-07	2.9E-06
2181	UCART2	481009.83	3733252.05	481009.83	1.06677	1.04002	2.85766	0.00017	0.00018	0.00081	1.10E-05	3.63E-03	1.75E-04	2.83E-06	3.00E-06	2.53E-05	3.85E-03	1.3E-06	4.0E-06	2.3E-06	2.1E-06	9.6E-07	5.2E-08	1.3E-06	7.7E-07	7.0E-07	1.5E-07	2.9E-06
2182	UCART2	481059.83	3733252.05	481059.83	1.08183	1.06025	2.85867	0.00016	0.00017	0.00094	1.12E-05	3.70E-03	1.75E-04	2.67E-06	2.83E-06	2.94E-05	3.92E-03	1.4E-06	4.1E-06	2.4E-06	2.2E-06	9.8E-07	5.3E-08	1.3E-06	7.8E-07	7.1E-07	1.5E-07	3.0E-06
2183	UCART2	481109.83	3733252.05	481109.83	1.1081	1.09089	2.85932	0.00015	0.00016	0.0011	1.14E-05	3.81E-03	1.75E-04	2.50E-06	2.67E-06	3.44E-05	4.03E-03	1.4E-06	4.2E-06	2.4E-06	2.2E-06	1.0E-06	5.5E-08	1.3E-06	8.1E-07	7.3E-07	1.6E-07	3.1E-06
2184	UCART2	481159.83	3733252.05	481159.83	1.14722	1.13345	2.8597	0.00014	0.00015	0.00129	1.18E-05	3.96E-03	1.75E-04	2.33E-06	2.50E-06	4.03E-05	4.19E-03	1.4E-06	4.4E-06	2.5E-06	2.3E-06	1.0E-06	5.7E-08	1.4E-06	8.4E-07	7.6E-07	1.7E-07	3.2E-06
2185	UCART2	481209.83	3733252.05	481209.83	1.20131	1.18985	2.86005	0.00014	0.00015	0.00153	1.24E-05	4.15E-03	1.75E-04	2.33E-06	2.50E-06	4.78E-05	4.39E-03	1.5E-06	4.6E-06	2.7E-06	2.4E-06	1.1E-06	6.0E-08	1.4E-06	8.8E-07	8.0E-07	1.7E-07	3.3E-06
2186	UCART2	481259.83	3733252.05	481259.83	1.27332	1.26272	2.86033	0.00013	0.00014	0.00182	1.31E-05	4.41E-03	1.75E-04	2.17E-06	2

2262	UCART2	481059.83	3733352.05	481059.83	1.1099	1.08862	3.65684	0.00016	0.00017	0.00093	1.14E-05	3.80E-03	2.24E-04	2.67E-06	2.83E-06	2.91E-05	4.07E-03	1.4E-06	4.3E-06	2.5E-06	2.2E-06	1.0E-06	5.5E-08	1.3E-06	8.1E-07	7.4E-07	1.6E-07	3.1E-06
2263	UCART2	481109.83	3733352.05	481109.83	1.14577	1.12847	3.65994	0.00015	0.00016	0.00108	1.18E-05	3.94E-03	2.24E-04	2.50E-06	2.67E-06	3.37E-05	4.21E-03	1.5E-06	4.4E-06	2.5E-06	2.3E-06	1.1E-06	5.7E-08	1.4E-06	8.4E-07	7.6E-07	1.7E-07	3.2E-06
2264	UCART2	481159.83	3733352.05	481159.83	1.19797	1.18332	3.66329	0.00014	0.00015	0.00126	1.24E-05	4.13E-03	2.24E-04	2.33E-06	2.50E-06	3.94E-05	4.41E-03	1.5E-06	4.6E-06	2.7E-06	2.4E-06	1.1E-06	6.0E-08	1.4E-06	8.8E-07	8.0E-07	1.7E-07	3.4E-06
2265	UCART2	481209.83	3733352.05	481209.83	1.27042	1.25654	3.66737	0.00014	0.00014	0.00149	1.31E-05	4.39E-03	2.25E-04	2.33E-06	2.33E-06	4.66E-05	4.67E-03	1.6E-06	4.9E-06	2.8E-06	2.6E-06	1.2E-06	6.4E-08	1.5E-06	9.3E-07	8.5E-07	1.8E-07	3.6E-06
2266	UCART2	481259.83	3733352.05	481259.83	1.36876	1.35291	3.67268	0.00013	0.00014	0.00178	1.41E-05	4.72E-03	2.25E-04	2.17E-06	2.33E-06	5.56E-05	5.02E-03	1.7E-06	5.2E-06	3.0E-06	2.8E-06	1.3E-06	6.8E-08	1.6E-06	1.0E-06	9.1E-07	2.0E-07	3.8E-06
2267	UCART2	481309.83	3733352.05	481309.83	1.50103	1.47895	3.67993	0.00012	0.00013	0.00213	1.55E-05	5.16E-03	2.25E-04	2.00E-06	2.17E-06	6.66E-05	5.47E-03	1.9E-06	5.7E-06	3.3E-06	3.0E-06	1.4E-06	7.4E-08	1.8E-06	1.1E-06	9.9E-07	2.2E-07	4.2E-06
2268	UCART2	481359.83	3733352.05	481359.83	1.67927	1.64427	3.68998	0.00012	0.00013	0.00257	1.73E-05	5.74E-03	2.26E-04	2.00E-06	2.17E-06	8.03E-05	6.07E-03	2.1E-06	6.3E-06	3.7E-06	3.3E-06	1.5E-06	8.2E-08	2.0E-06	1.2E-06	1.1E-06	2.4E-07	4.6E-06
2269	UCART2	481409.83	3733352.05	481409.83	1.92068	1.86218	3.70389	0.00011	0.00012	0.00312	1.98E-05	6.50E-03	2.27E-04	1.83E-06	2.00E-06	9.75E-05	6.85E-03	2.4E-06	7.2E-06	4.1E-06	3.8E-06	1.7E-06	9.3E-08	2.2E-06	1.4E-06	1.2E-06	2.7E-07	5.2E-06
2270	UCART2	481459.83	3733352.05	481459.83	2.25014	2.15149	3.7227	0.00011	0.00012	0.00376	2.32E-05	7.51E-03	2.28E-04	1.83E-06	2.00E-06	1.17E-04	7.88E-03	2.7E-06	8.2E-06	4.8E-06	4.3E-06	2.0E-06	1.1E-07	2.6E-06	1.6E-06	1.4E-06	3.1E-07	6.0E-06
2271	UCART2	481509.83	3733352.05	481509.83	2.70191	2.53821	3.74694	0.00011	0.00011	0.00448	2.79E-05	8.86E-03	2.29E-04	1.83E-06	1.83E-06	1.40E-04	9.26E-03	3.2E-06	9.7E-06	5.6E-06	5.1E-06	2.3E-06	1.3E-07	3.0E-06	1.8E-06	1.7E-06	3.7E-07	7.1E-06
2272	UCART2	481559.83	3733352.05	481559.83	3.31723	3.05579	3.7755	0.0001	0.00011	0.00523	3.42E-05	1.07E-02	2.31E-04	1.67E-06	1.83E-06	1.63E-04	1.11E-02	3.8E-06	1.2E-05	6.7E-06	6.1E-06	2.8E-06	1.5E-07	3.6E-06	2.2E-06	2.0E-06	4.4E-07	8.5E-06
2273	UCART2	481609.83	3733352.05	481609.83	4.12883	3.73992	3.80383	0.0001	0.0001	0.00628	4.26E-05	1.31E-02	2.33E-04	1.67E-06	1.67E-06	1.96E-04	1.35E-02	4.7E-06	1.4E-05	8.2E-06	7.4E-06	3.4E-06	1.8E-07	4.4E-06	2.7E-06	2.4E-06	5.3E-07	1.0E-05
2274	UCART2	481659.83	3733352.05	481659.83	5.12094	4.60849	3.82271	9.00E-05	0.0001	0.0091	5.28E-05	1.61E-02	2.34E-04	1.50E-06	1.67E-06	2.84E-04	1.67E-02	5.8E-06	1.7E-05	1.0E-05	9.1E-06	4.2E-06	2.3E-07	5.5E-06	3.3E-06	3.0E-06	6.6E-07	1.3E-05
2275	UCART2	479709.83	3733402.05	479709.83	19.55753	12.41777	14.4727	0.00286	0.01539	0.00012	2.02E-04	4.33E-02	8.86E-04	4.77E-05	2.56E-04	3.75E-06	4.47E-02	1.5E-05	4.7E-05	2.7E-05	2.5E-05	1.1E-05	6.1E-07	1.5E-05	8.9E-06	8.1E-06	1.8E-06	3.4E-05
2276	UCART2	479759.83	3733402.05	479759.83	12.39853	8.45663	7.05867	0.0024	0.00529	0.00013	1.28E-04	2.95E-02	4.32E-04	4.00E-05	8.82E-05	4.06E-06	3.02E-02	1.0E-05	3.2E-05	1.8E-05	1.7E-05	7.6E-06	4.1E-07	9.9E-06	6.0E-06	5.5E-06	1.2E-06	2.3E-05
2277	UCART2	479809.83	3733402.05	479809.83	8.80184	6.39094	5.35064	0.00204	0.00389	0.00013	9.08E-05	2.23E-02	3.28E-04	3.40E-05	6.48E-05	4.06E-06	2.28E-02	7.9E-06	2.4E-05	1.4E-05	1.3E-05	5.7E-06	3.1E-07	7.5E-06	4.6E-06	4.1E-06	9.0E-07	1.7E-05
2278	UCART2	479859.83	3733402.05	479859.83	6.77698	5.11663	4.6645	0.00174	0.00303	0.00014	6.99E-05	1.79E-02	2.86E-04	2.90E-05	5.05E-05	4.37E-06	1.83E-02	6.3E-06	1.9E-05	1.1E-05	1.0E-05	4.6E-06	2.5E-07	6.0E-06	3.7E-06	3.3E-06	7.2E-07	1.4E-05
2279	UCART2	479909.83	3733402.05	479909.83	5.46386	4.23944	4.35473	0.00148	0.00243	0.00014	5.64E-05	1.48E-02	2.67E-04	2.47E-05	4.05E-05	4.37E-06	1.52E-02	5.3E-06	1.6E-05	9.2E-06	8.3E-06	3.8E-06	2.1E-07	5.0E-06	3.0E-06	2.7E-06	6.0E-07	1.2E-05
2280	UCART2	479959.83	3733402.05	479959.83	4.53714	3.59832	4.21861	0.00127	0.00195	0.00015	4.68E-05	1.26E-02	2.58E-04	2.12E-05	3.25E-05	4.69E-06	1.29E-02	4.5E-06	1.4E-05	7.8E-06	7.1E-06	3.2E-06	1.8E-07	4.2E-06	2.6E-06	2.3E-06	5.1E-07	9.8E-06
2281	UCART2	480009.83	3733402.05	480009.83	3.85488	3.11575	4.13957	0.00109	0.00158	0.00016	3.98E-05	1.09E-02	2.54E-04	1.82E-05	2.63E-05	5.00E-06	1.12E-02	3.9E-06	1.2E-05	6.8E-06	6.2E-06	2.8E-06	1.5E-07	3.7E-06	2.2E-06	2.0E-06	4.4E-07	8.5E-06
2282	UCART2	480059.83	3733402.05	480059.83	3.3263	2.73235	4.12082	0.00094	0.0013	0.00017	3.43E-05	9.54E-03	2.52E-04	1.57E-05	2.17E-05	5.31E-06	9.86E-03	3.4E-06	1.0E-05	6.0E-06	5.4E-06	2.5E-06	1.3E-07	3.2E-06	2.0E-06	1.8E-06	3.9E-07	7.5E-06
2283	UCART2	480109.83	3733402.05	480109.83	2.90982	2.42499	4.11789	0.00083	0.00108	0.00018	3.00E-05	8.46E-03	2.52E-04	1.35E-05	1.80E-05	5.62E-06	8.78E-03	3.0E-06	9.2E-06	5.3E-06	4.8E-06	2.2E-06	1.2E-07	2.9E-06	1.8E-06	1.6E-06	3.5E-07	6.7E-06
2284	UCART2	480159.83	3733402.05	480159.83	2.5763	2.17519	4.11195	0.00071	0.00091	0.00018	2.66E-05	7.59E-03	2.52E-04	1.18E-05	1.52E-05	5.62E-06	7.90E-03	2.7E-06	8.3E-06	4.8E-06	4.3E-06	2.0E-06	1.1E-07	2.6E-06	1.6E-06	1.4E-06	3.1E-07	6.0E-06
2285	UCART2	480209.83	3733402.05	480209.83	2.30487	1.96943	4.11354	0.00063	0.00077	0.0002	2.38E-05	6.87E-03	2.52E-04	1.05E-05	1.28E-05	6.25E-06	7.18E-03	2.5E-06	7.5E-06	4.3E-06	3.9E-06	1.8E-06	9.8E-08	2.4E-06	1.4E-06	1.3E-06	2.8E-07	5.5E-06
2286	UCART2	480259.83	3733402.05	480259.83	2.08139	1.79831	4.1194	0.00056	0.00067	0.00021	2.15E-05	6.28E-03	2.52E-04	9.33E-06	1.12E-05	6.56E-06	6.58E-03	2.3E-06	6.9E-06	4.0E-06	3.6E-06	1.6E-06	8.9E-08	2.2E-06	1.3E-06	1.2E-06	2.6E-07	5.0E-06
2287	UCART2	480309.83	3733402.05	480309.83	1.89564	1.65493	4.12764	0.0005	0.00058	0.00022	1.96E-05	5.78E-03	2.53E-04	8.33E-06	9.67E-06	6.87E-06	6.07E-03	2.1E-06	6.3E-06	3.7E-06	3.3E-06	1.5E-06	8.3E-08	2.0E-06	1.2E-06	1.1E-06	2.4E-07	4.6E-06
2288	UCART2	480359.83	3733402.05	480359.83	1.74064	1.53464	4.13648	0.00045	0.00052	0.00024	1.80E-05	5.36E-03	2.53E-04	7.50E-06	8.67E-06	7.50E-06	5.65E-03	2.0E-06	5.9E-06	3.4E-06	3.1E-06	1.4E-06	7.7E-08	1.9E-06	1.1E-06	1.0E-06	2.2E-07	4.3E-06
2289	UCART2	480409.83	3733402.05	480409.83	1.61025	1.43308	4.14562	0.0004	0.00046	0.00025	1.66E-05	5.00E-03	2.54E-04	6.67E-06	7.67E-06	7.81E-06	5.29E-03	1.8E-06	5.5E-06	3.2E-06	2.9E-06	1.3E-06	7.2E-08	1.7E-06	1.1E-06	9.6E-07	2.1E-07	4.0E-06
2290	UCART2	480459.83	3733402.05	480459.83	1.49981	1.34691	4.15549	0.00037	0.00042	0.00027	1.55E-05	4.70E-03	2.55E-04	6.17E-06	7.00E-06	8.44E-06	4.99E-03	1.7E-06	5.2E-06	3.0E-06	2.7E-06	1.2E-06	6.8E-08	1.6E-06	1.0E-06	9.0E-07	2.0E-07	3.8E-06
2291	UCART2	480509.83	3733402.05	480509.83	1.40649	1.27421	4.16514	0.00033	0.00038	0.00029	1.45E-05	4.45E-03	2.55E-04	5.50E-06	6.33E-06	9.06E-06	4.74E-03	1.6E-06	5.0E-06	2.9E-06	2.6E-06	1.2E-06	6.4E-08	1.6E-06	9.5E-07	8.6E-07	1.9E-07	3.6E-06
2292	UCART2	480559.83	3733402.05	480559.83	1.32767	1.21309	4.17476	0.00031	0.00034	0.00031	1.37E-05	4.23E-03	2.56E-04	5.17E-06	5.67E-06	9.69E-06	4.52E-03	1.6E-06	4.7E-06	2.7E-06	2.5E-06	1.1E-06	6.2E-08	1.5E-06	9.0E-07	8.2E-07	1.8E-07	3.4E-06
2293	UCART2	480609.83	3733402.05	480609.83	1.26166	1.16241	4.18358	0.00028	0.00031	0.00034	1.30E-05	4.06E-03	2.56E-04	4.67E-06	5.17E-06	1.06E-05	4.35E-03	1.5E-06	4.5E-06	2.6E-06	2.4E-06	1.1E-06	5.9E-08	1.4E-06	8.7E-07	7.9E-07	1.7E-07	3.3E-06
2294	UCART2	480659.83	3733402.05	480659.83	1.20688	1.12103	4.19204	0.00026	0.00029	0.00037	1.24E-05	3.91E-03	2.57E-04	4.33E-06	4.83E-06	1.16E-05	4.20E-03	1.5E-06	4.4E-06	2.5E-06	2.3E-06	1.1E-06	5.7E-08	1.4E-06	8.4E-07	7.6E-07	1.7E-07	3.2E-06
2295	UCART2	480709.83	3733402.05	480709.83	1.16226	1.08821	4.20027	0.00024	0.00027	0.00041	1.20E-05	3.80E-03	2.57E-04	4.00E-06	4.50E-06	1.28E-05	4.09E-03	1.4E-06	4.3E-06	2.5E-06	2.2E-06	1.0E-06	5.6E-08	1.3E-06	8.2E-07	7.4E-07	1.6E-07	3.1E-06
2296	UCART2	480759.83	3733402.05	480759.83	1.12727	1.06369	4.20756	0.00023	0.00025	0.00045	1.16E-05	3.71E-03	2.58E-04	3.83E-06	4.17E-06	1.41E-05	4.00E-03	1.4E-06	4.2E-06	2.4E-06	2.2E-06	1.0E-06	5.4E-08	1.3E-06	8.0E-07	7.2E-07	1.6E-07	3.1E-06
2297	UCART2	480809.83	3733402.05	480809.83	1.10156	1.04732	4.21388	0.00021	0.00023	0.0005	1.14E-05	3.65E-03	2.58E-04	3.50E-06	3.83E-06	1.56E-05	3.95E-03	1.4E-06	4.1E-06	2.4E-06	2.2E-06	9.9E-07	5.4E-08	1.3E-06	7.9E-07	7.1E-07	1.6E-07	3.0E-06
2298	UCART2	480859.83	3733402.05	480859.83	1.08512	1.03925	4.21882	0.0002	0.00022	0.00056	1.12E-05	3.63E-03	2.58E-04	3.33E-06	3.67E-06	1.75E-05	3.92E-03	1.4E-06	4.1E-06	2.4E-06	2.2E-06	9.8E-07	5.3E-08	1.3E-06	7.8E-07	7.1E-07	1.5E-07	3.0E-06
2299	UCART2	480909.83	3733402.05	480909.83	1.07744	1.0391	4.22486	0.00019	0.0002	0.00062	1.11E-05	3.63E-03	2.59E-04	3.17E-06	3.33E-06	1.94E-05	3.92E-03	1.4E-06	4.1E-06	2.4E-06	2.2E-06	9.8E-07	5.3E-08	1.3E-06	7.8E-07	7.1E-07	1.5E-07	3.0E-06
2300	UCART2	480959.83	3733402.05	480959.83	1.07972	1.04808	4.22967	0.00018	0.00019	0.0007	1.11E-05	3.66E-03	2.59E-04	3.00E-06	3.17E-06	2.19E-05	3.96E-03	1.4E-06	4.1E-06	2.4E-06	2.2E-06	9.9E-07	5.4E-08	1.3E-06	7.9E-07	7.2E-07	1.6E-07	3.0E-06
2301	UCART2	481009.83	3733402.05	481009.83	1.09285	1.06711	4.23394	0.00017	0.00018	0.0008	1.13E-05	3.72E-03	2.59E-04	2.83E-06	3.00E-06	2.50E-05	4.03E-03	1.4E-06	4.2E-06	2.4E-06	2.2E-06	1.0E-06	5.5E-08	1.3E-06	8.0E-07	7.3E-07	1.6E-07	3.1E-06
2302	UCART2	481059.83	3733402.05	481059.83	1.11819	1.09745	4.23825	0.00016	0.00017	0.00092	1.15E-05	3.83E-03	2.60E-04	2.67E-06	2.83E-06	2.87E-05	4.14E-03	1.4E-06	4.3E-06	2.5E-06	2.3E-06	1.0E-06	5.6E-08	1.4E-06	8.3E-07	7.5E-07	1.6E-07	3.2E-06
2303	UCART2	481109.83	3733402.05	481109.83	1.15794	1.14111	4.24288	0.00015	0.00016	0.00107	1.19E-05	3.98E-03	2.60E-04	2.50E-06	2.67E-06	3.34E-05	4.29E-03	1.5E-06	4.5E-06	2.6E-06	2.4E-06	1.1E-06	5.8E-08	1.4E-06	8.6E-07	7.8E-07	1.7E-07	3.3E-06
2304	UCART2	481159.83	3733402.05	481159.83	1.21544	1.20103	4.24805	0.00014	0.00015	0.00125	1.25E-05	4.19E-03	2.60E-04	2.33E-06	2.50E-06	3.91E-05	4.51E-03	1.6E-06	4.7E-06	2.7E-06	2.5E-06	1.1E-06	6.1E-08	1.5E-06	9.0E-07	8.2E-07	1.8E-07	3.4E-06
2305	UCART2	481209.83	3733402.05	481209.83	1.29539	1.28124	4.25444	0.00014	0.00014	0.00147	1.34E-05	4.47E-03	2.61E-04	2.33E-06	2.33E-06	4.59E-05	4.80E-03	1.7E-06	5.0E-06	2.9E-06	2.6E-06	1.2E-06	6.5E-08	1.6E-06	9.6E-07	8.7E-07	1.9E-07	3.7E-06
2306	UCART2	481259.83	3733402.05	481259.83	1.40502	1.38778	4.26275	0.00013	0.00014	0.00174	1.45E-05	4.84E-03	2.61E-04	2.17E-06	2.33E-06	5.44E-05	5.18E-03	1.8E-06	5.4E-06	3.1E-06	2.8E-06	1.3E-06	7.0E-08	1.7E-06	1.0E-06	9.4E-07	2.0E-07	3.9E-06
2307	UCART2	481309.83	3733402.05	481309.83	1.5544	1.5263	4.2765	0.00012	0.00013	0.00207	1.60E-05	5.33E-03	2.61E-04	2.00E-06	2.17E-06	6.47E-05	5.68E-03	2.0E-06	5.9E-06	3.4E-06	3.1E-06	1.4E-06	7.7E-08	1.9E-06	1.1E-06	1.0E-06	2.2E-07	4.2E-06
2308	UCART2	481359.83	3733402.05	481359.83	1.76036	1.71682	4.29112	0.00012	0.00013	0.00249	1.82E-05	5.99E-03	2.63E-04	2.00E-06	2.17E-06	7.78E-05	6.35E-03	2.2E-06	6.6E-06	3.8E-06	3.5E-06	1.6E-06	8.6E-08	2.1E-06	1.3E-06	1.2E-06	2.5E-07	4.8E-06
2309	UCART2	481409.83	3733402.05	481409.83	2.04878	1.97134	4.31524	0.00011	0.00012	0.00302	2.11E-05	6.88E-03	2.64E-04	1.83E-06	2.00E-06	9.44E-05	7.26E-03	2.5E-06	7.6E-06	4.4E-06	4.0E-06	1.8E-06	9.9E-08	2.4E-06	1.5E-06	1.3E-06	2.9E-07	5.5E-06
2310	UCART2	481459.83	3733402.05	481459.83	2.46232	2.3219	4.35028	0.00011	0.00012	0.00368	2.54E-05	8.10E-03	2.66E-04	1.83E-06	2.00E-06	1.15E-04	8.51E-03	2.9E-06	8.9E-06	5.2E-06	4.7E-06	2.1E-06	1.2E-07	2.8E-06	1.7E-06	1.5E-06	3.4E-07	6.5E-06
2311	UCART2	481509.83	3733402.05	481509.83	3.07244	2.81582	4.40051	0.00011	0.00011	0.00457	3.17E-05	9.83E-03	2.70E-04	1.83E-06	1.83E-06	1.43E-04	1.03E-02	3.6E-06	1.1E-05	6.2E-06	5.6E-06	2.6E-06	1.4E-07	3.4E-06	2.1E-06	1.9E-06	4.1E-07	7.8E-06
2312	UCART2	481559.83	3733402.05	481559.83	3.99672	3.52847	4.46927	0.0001	0.00011	0.00554	4.12E-05	1.23E-02	2.74E-04	1.67E-06	1.83E-06	1.73E-04	1.28E-02	4.4E-06	1.3E-05	7.7E-06	7.0E-06	3.2E-06	1.7E-07	4.2E-06	2.6E-06	2.3E-06	5.1E-07	9.8E-06
2313	UCART2	481609.83	3733402.05	481609.83	5.4049	4.57436	4.55374	0.0001	0.0001	0.00637	5.58E-05	1.60E-02	2.79E-04	1.67E-06	1.67E-06	1.99E-04	1.65E-02	5.7E-06	1.7E-05	1.0E-05	9.1E-06	4.1E-06	2.2E-07	5.4E-06	3.3E-06	3.0E-06	6.5E-07	1.3E-05
2314	UCART2	481659.83	3733402.05	481659.83	7.4405	6.10039	4.63468	9.00E-05	0.0001	0.00816	7.68E-05	2.13E-02	2.84E-04	1.50E-06	1.67E-06	2.55E-04	2.19E-02	7.6E-06	2.3E-05	1.3E-05	1.2E-05	5.5E-06	3.0E-07	7.2E-06	4.4E-06	4.0E-06	8.6E-07	1.7E-05
2315	UCART2	479709.83	3733452.05	479709.83	27.18375	12.5912	14.81274	0.00257	0.01166	0.00012	2.80E-04	4.39E-02	9.07E-04	4.28E-05	1.94E-04	3.75E-06	4.54E-02	1.6E-05	4.7E-05	2.7E-05	2.5E-05	1.1E-05	6.2E-07	1.5E-05	9.1E-06	8.2E-06	1.8E-06	3.5E-05
2316	UCART2	479759.83	3733452.05	479759.83	12.92546	8.21044	7.52	0.00218	0.00471	0.00013	1.33E-04	2.87E-02	4.61E-04	3.63E-05	7.85E-05	4.06E-06	2.94E-02	1.0E-05	3.1E-05	1.8E-05	1.6E-05	7.3E-06	4.0E-07	9.6E-06	5.9E-06	5.3E-06	1.2E-06	2.2E-05
2317	UCART2	479809.83	3733452.05	479809.83	8.6077	6.11353	5.91433	0.00185	0.00368	0.00013	8.88E-05	2.13E-02	3.62E-04	3.08E-05	6.13E-05	4.06E-06	2.19E-02	7.6E-06	2.3E-05	1.3E-05	1.2E-05	5.5E-06	3.0E-07	7.2E-06	4.4E-06	4.0E-06	8.6E-07	1.7E-05
2318	UCART2	479859.83	3733452.05	479859.83	6.49735	4.87226	5.31159	0.00159	0.00292	0.00014	6.70E-05	1.70E-02	3.26E-04	2.65E-05	4.87E-05	4.37E-06	1.75E-02	6.0E-06	1.8E-05	1.1E-05	9.6E-06	4.4E-06	2.4E-07	5.7E-06	3.5E-06	3.2E-06	6.9E-07	1.3E-05
2319	UCART2	479909.83	3733452.05	479909.83	5.21708	4.04629	5.05084	0.00137	0.00234	0.00015	5.38E-05	1.41E-02	3.09E-04	2.28E-05	3.90E-05	4.69E-06	1.46E-02	5.0E-06	1.5E-05	8.8E-06	8.0E-06	3.6E-06	2.0E-07	4.8E-06	2.9E-06	2.6E-06	5.7E-07	1.1E-05
2320	UCART2	479959.83	3733452.05	479959.83	4.33611	3.44486	4.92936	0.00118	0.00187	0.00015	4.47E-05	1.20E-02	3.02E-04	1.97E-05	3.12E-05	4.69E-06	1.24E-02	4.3E-06	1.3E-05	7.5E-06	6.8E-06	3.1E-06	1.7E-07	4.1E-06	2.5E-06	2.2E-06	4.9E-07	9.5E-06
2321	UCART2	480009.83	3733452.05	480009.83	3.69042	2.98902	4.89315	0.00102	0.00154	0.00016	3.81E-05	1.04E-02	3.00E-04	1.70E-05	2.57E-05	5.00E-06	1.08E-02	3.7E-06	1.1E-05	6.5E-06	5.9E-06	2.7E-06	1.5E-07	3.6E-06	2.2E-06	2.0E-06	4.3E-07	8.2E-06
2322	UCART2	480059.83	3733452.05	480059.83	3.19668	2.63179	4.87164	0.00089	0.00127	0.00017	3.30E-05	9.18E-03	2.98E-04	1.48E-05	2.12E-05	5.31E-06	9.56E-03	3.3E-06	1.0E-05	5.8E-06	5.2E-06	2.4E-06	1.3E-07	3.1E-06	1.9E-06	1.7E-06	3.8E-07	7.3E-06
2323	UCART2	480109.83	3733452.05	480109.83	2.80746	2.34468	4.86354	0.00077	0.00106	0.00018	2.90E-05	8.18E-03	2.98E-04	1.28E-05	1.77E-05	5.62E-06	8.55E-03	3.0E-06	8.9E-06	5.2E-06	4.7E-06	2.1E-06	1.2E-07	2.8E-06	1.7E-06	1.5E-06	3.4E-07	6.5E-06
2324	UCART2	480159.83	3733452.05	480159.83	2.4946	2.11033	4.8657	0.00068	0.0009	0.00019	2.57E-05	7.36E-03	2.98E-04	1.13E-05	1.50E-05	5.94E-06	7.72E-03	2.7E-06	8.1E-06	4.7E-06	4.2E-06	1.9E-06	1.0E-07	2.5E-06	1.5E-06	1.4E-06	3.0E-07	5.9E-06
2325	UCART2	480209.83	3733452.05	480209.83	2.23921	1.91664	4.87343	0.0006	0.00077	0.0002	2.31E-05	6.69E-03	2.98E-04	1.00E-05	1.28E-05	6.25E-06	7.04E-03	2.4E-06	7.4E-06	4.3E-06	3.9E-06	1.8E-06	9.6E-08	2.3E-06	1.4E-06	1.3E-06	2.8E-07	5.4E-06
2326	UCART2	480259.83	3733452.05	480259.83	2.02849	1.75526	4.88383	0.00053	0.00067	0.00021	2.09E-05	6.13E-03	2.99E-04	8.83E-06	1.12E-05	6.56E-06	6.47E-03	2.2E-06	6.8E-06	3.9E-06	3.5E-06	1.6E-06	8.8E-08	2.1E-06	1.3E-06	1.2E-06	2.6E-07	4.9E-06
2327	UCART2	480309.83	3733452.05	480309.83	1.85268	1.61955	4.89576	0.00048	0.00058	0.00022	1.91E-05	5.65E-03	3.00E-04	8.00E-06	9.67E-06	6.87E-06	6.00E-03	2.1E-06	6.3E-06	3.6E-06	3.3E-06	1.5E-06	8.2E-08	2.0E-06	1.2E-06	1.1E-06	2.4E-07	4.6E-06
2328	UCART2	480359.83	3733452.05	480359.83	1.70548	1.50534	4.90778	0.00043	0.00052	0.00024	1.76E-05	5.25E-03	3.01E-04	7.17E-06

2404	UCART2	480159.83	3733552.05	480159.83	2.30171	1.95719	7.80529	0.00061	0.00093	0.00019	2.37E-05	6.83E-03	4.78E-04	1.02E-05	1.55E-05	5.94E-06	7.36E-03	2.5E-06	7.7E-06	4.5E-06	4.0E-06	1.8E-06	1.0E-07	2.4E-06	1.5E-06	1.3E-06	2.9E-07	5.6E-06
2405	UCART2	480209.83	3733552.05	480209.83	2.08401	1.79213	7.83047	0.00055	0.0008	0.0002	2.15E-05	6.25E-03	4.80E-04	9.17E-06	1.33E-05	6.25E-06	6.78E-03	2.3E-06	7.1E-06	4.1E-06	3.7E-06	1.7E-06	9.2E-08	2.2E-06	1.4E-06	1.2E-06	2.7E-07	5.2E-06
2406	UCART2	480259.83	3733552.05	480259.83	1.90248	1.65316	7.85522	0.00049	0.00068	0.00021	1.96E-05	5.77E-03	4.81E-04	8.17E-06	1.13E-05	6.56E-06	6.30E-03	2.2E-06	6.6E-06	3.8E-06	3.5E-06	1.6E-06	8.6E-08	2.1E-06	1.3E-06	1.1E-06	2.5E-07	4.8E-06
2407	UCART2	480309.83	3733552.05	480309.83	1.74944	1.53513	7.87933	0.00044	0.00059	0.00023	1.80E-05	5.36E-03	4.83E-04	7.33E-06	9.83E-06	7.19E-06	5.88E-03	2.0E-06	6.1E-06	3.6E-06	3.2E-06	1.5E-06	8.0E-08	1.9E-06	1.2E-06	1.1E-06	2.3E-07	4.5E-06
2408	UCART2	480359.83	3733552.05	480359.83	1.62014	1.43494	7.90116	0.0004	0.00052	0.00024	1.67E-05	5.01E-03	4.84E-04	6.67E-06	8.67E-06	7.50E-06	5.53E-03	1.9E-06	5.8E-06	3.3E-06	3.0E-06	1.4E-06	7.5E-08	1.8E-06	1.1E-06	1.0E-06	2.2E-07	4.2E-06
2409	UCART2	480409.83	3733552.05	480409.83	1.51014	1.3495	7.92356	0.00037	0.00047	0.00026	1.56E-05	4.71E-03	4.85E-04	6.17E-06	7.83E-06	8.12E-06	5.23E-03	1.8E-06	5.5E-06	3.2E-06	2.9E-06	1.3E-06	7.1E-08	1.7E-06	1.0E-06	9.5E-07	2.1E-07	4.0E-06
2410	UCART2	480459.83	3733552.05	480459.83	1.41619	1.2765	7.94757	0.00033	0.00042	0.00028	1.46E-05	4.45E-03	4.87E-04	5.50E-06	7.00E-06	8.75E-06	4.98E-03	1.7E-06	5.2E-06	3.0E-06	2.7E-06	1.2E-06	6.8E-08	1.6E-06	9.9E-07	9.0E-07	2.0E-07	3.8E-06
2411	UCART2	480509.83	3733552.05	480509.83	1.33639	1.21472	7.96917	0.00031	0.00038	0.0003	1.38E-05	4.24E-03	4.88E-04	5.17E-06	6.33E-06	9.37E-06	4.76E-03	1.6E-06	5.0E-06	2.9E-06	2.6E-06	1.2E-06	6.5E-08	1.6E-06	9.5E-07	8.6E-07	1.9E-07	3.6E-06
2412	UCART2	480559.83	3733552.05	480559.83	1.26874	1.16274	7.98903	0.00028	0.00034	0.00032	1.31E-05	4.06E-03	4.89E-04	4.67E-06	5.67E-06	1.00E-05	4.58E-03	1.6E-06	4.8E-06	2.8E-06	2.5E-06	1.1E-06	6.2E-08	1.5E-06	9.1E-07	8.3E-07	1.8E-07	3.5E-06
2413	UCART2	480609.83	3733552.05	480609.83	1.21184	1.11959	8.00818	0.00026	0.00031	0.00035	1.25E-05	3.91E-03	4.90E-04	4.33E-06	5.17E-06	1.09E-05	4.43E-03	1.5E-06	4.6E-06	2.7E-06	2.4E-06	1.1E-06	6.0E-08	1.5E-06	8.8E-07	8.0E-07	1.7E-07	3.4E-06
2414	UCART2	480659.83	3733552.05	480659.83	1.16477	1.0847	8.02655	0.00025	0.00029	0.00038	1.20E-05	3.79E-03	4.92E-04	4.17E-06	4.83E-06	1.19E-05	4.31E-03	1.5E-06	4.5E-06	2.6E-06	2.4E-06	1.1E-06	5.9E-08	1.4E-06	8.6E-07	7.8E-07	1.7E-07	3.3E-06
2415	UCART2	480709.83	3733552.05	480709.83	1.12693	1.05773	8.04348	0.00023	0.00027	0.00041	1.16E-05	3.69E-03	4.93E-04	3.83E-06	4.50E-06	1.28E-05	4.22E-03	1.5E-06	4.4E-06	2.6E-06	2.3E-06	1.1E-06	5.7E-08	1.4E-06	8.4E-07	7.6E-07	1.7E-07	3.2E-06
2416	UCART2	480759.83	3733552.05	480759.83	1.09783	1.03841	8.05863	0.00022	0.00025	0.00045	1.13E-05	3.62E-03	4.94E-04	3.67E-06	4.17E-06	1.41E-05	4.15E-03	1.4E-06	4.3E-06	2.5E-06	2.3E-06	1.0E-06	5.6E-08	1.4E-06	8.3E-07	7.5E-07	1.6E-07	3.2E-06
2417	UCART2	480809.83	3733552.05	480809.83	1.07664	1.02611	8.07823	0.0002	0.00023	0.0005	1.11E-05	3.58E-03	4.95E-04	3.33E-06	3.83E-06	1.56E-05	4.11E-03	1.4E-06	4.3E-06	2.5E-06	2.3E-06	1.0E-06	5.6E-08	1.3E-06	8.2E-07	7.4E-07	1.6E-07	3.1E-06
2418	UCART2	480859.83	3733552.05	480859.83	1.06464	1.02219	8.09238	0.00019	0.00022	0.00056	1.10E-05	3.57E-03	4.96E-04	3.17E-06	3.67E-06	1.75E-05	4.10E-03	1.4E-06	4.3E-06	2.5E-06	2.2E-06	1.0E-06	5.6E-08	1.3E-06	8.2E-07	7.4E-07	1.6E-07	3.1E-06
2419	UCART2	480909.83	3733552.05	480909.83	1.06108	1.02603	8.10792	0.00018	0.0002	0.00062	1.09E-05	3.58E-03	4.97E-04	3.00E-06	3.33E-06	1.94E-05	4.11E-03	1.4E-06	4.3E-06	2.5E-06	2.3E-06	1.0E-06	5.6E-08	1.4E-06	8.2E-07	7.4E-07	1.6E-07	3.1E-06
2420	UCART2	480959.83	3733552.05	480959.83	1.06739	1.03909	8.12223	0.00017	0.00019	0.0007	1.10E-05	3.63E-03	4.97E-04	2.83E-06	3.17E-06	2.19E-05	4.16E-03	1.4E-06	4.4E-06	2.5E-06	2.3E-06	1.0E-06	5.7E-08	1.4E-06	8.3E-07	7.5E-07	1.6E-07	3.2E-06
2421	UCART2	481009.83	3733552.05	481009.83	1.08454	1.06232	8.13615	0.00016	0.00018	0.00079	1.12E-05	3.71E-03	4.98E-04	2.67E-06	3.00E-06	2.47E-05	4.25E-03	1.5E-06	4.4E-06	2.6E-06	2.3E-06	1.1E-06	5.8E-08	1.4E-06	8.5E-07	7.7E-07	1.7E-07	3.2E-06
2422	UCART2	481059.83	3733552.05	481059.83	1.1143	1.09744	8.15016	0.00015	0.00017	0.0009	1.15E-05	3.83E-03	4.99E-04	2.50E-06	2.83E-06	2.81E-05	4.37E-03	1.5E-06	4.6E-06	2.6E-06	2.4E-06	1.1E-06	5.9E-08	1.4E-06	8.7E-07	7.9E-07	1.7E-07	3.3E-06
2423	UCART2	481109.83	3733552.05	481109.83	1.15929	1.14687	8.16472	0.00015	0.00016	0.00104	1.20E-05	4.00E-03	5.00E-04	2.50E-06	2.67E-06	3.25E-05	4.55E-03	1.6E-06	4.8E-06	2.8E-06	2.5E-06	1.1E-06	6.2E-08	1.5E-06	9.1E-07	8.2E-07	1.8E-07	3.5E-06
2424	UCART2	481159.83	3733552.05	481159.83	1.2233	1.21402	8.1809	0.00014	0.00015	0.0012	1.26E-05	4.24E-03	5.01E-04	2.33E-06	2.50E-06	3.75E-05	4.79E-03	1.7E-06	5.0E-06	2.9E-06	2.6E-06	1.2E-06	6.5E-08	1.6E-06	9.6E-07	8.7E-07	1.9E-07	3.7E-06
2425	UCART2	481209.83	3733552.05	481209.83	1.31208	1.30394	8.19931	0.00013	0.00014	0.00141	1.35E-05	4.55E-03	5.02E-04	2.17E-06	2.33E-06	4.41E-05	5.11E-03	1.8E-06	5.3E-06	3.1E-06	2.8E-06	1.3E-06	7.0E-08	1.7E-06	1.0E-06	9.3E-07	2.0E-07	4.0E-06
2426	UCART2	481259.83	3733552.05	481259.83	1.43443	1.42415	8.22184	0.00013	0.00014	0.00167	1.48E-05	4.97E-03	5.04E-04	2.17E-06	2.33E-06	5.22E-05	5.55E-03	1.9E-06	5.8E-06	3.4E-06	3.0E-06	1.4E-06	7.5E-08	1.8E-06	1.1E-06	1.0E-06	2.2E-07	4.2E-06
2427	UCART2	481309.83	3733552.05	481309.83	1.60379	1.58565	8.25092	0.00012	0.00013	0.00199	1.65E-05	5.53E-03	5.05E-04	2.00E-06	2.17E-06	6.22E-05	6.12E-03	2.1E-06	6.4E-06	3.7E-06	3.4E-06	1.5E-06	8.3E-08	2.0E-06	1.2E-06	1.1E-06	2.4E-07	4.7E-06
2428	UCART2	481359.83	3733552.05	481359.83	1.84272	1.8062	8.29183	0.00012	0.00013	0.00241	1.90E-05	6.30E-03	5.08E-04	2.00E-06	2.17E-06	7.53E-05	6.91E-03	2.4E-06	7.2E-06	4.2E-06	3.8E-06	1.7E-06	9.4E-08	2.3E-06	1.4E-06	1.3E-06	2.7E-07	5.3E-06
2429	UCART2	481409.83	3733552.05	481409.83	2.19011	2.11465	8.3539	0.00011	0.00012	0.00294	2.26E-05	7.38E-03	5.12E-04	1.83E-06	2.00E-06	9.19E-05	8.01E-03	2.8E-06	8.4E-06	4.8E-06	4.4E-06	2.0E-06	1.1E-07	2.6E-06	1.6E-06	1.4E-06	3.2E-07	6.1E-06
2430	UCART2	481459.83	3733552.05	481459.83	2.71943	2.56172	8.45631	0.00011	0.00012	0.00364	2.81E-05	8.94E-03	5.18E-04	1.83E-06	2.00E-06	1.14E-04	9.60E-03	3.3E-06	1.0E-05	5.8E-06	5.3E-06	2.4E-06	1.3E-07	3.2E-06	1.9E-06	1.7E-06	3.8E-07	7.3E-06
2431	UCART2	481509.83	3733552.05	481509.83	3.58451	3.24329	8.63986	0.00011	0.00011	0.00455	3.70E-05	1.13E-02	5.29E-04	1.83E-06	1.83E-06	1.42E-04	1.20E-02	4.2E-06	1.3E-05	7.3E-06	6.6E-06	3.0E-06	1.6E-07	4.0E-06	2.4E-06	2.2E-06	4.7E-07	9.2E-06
2432	UCART2	481559.83	3733552.05	481559.83	5.15618	4.35655	9.02005	0.0001	0.00011	0.00551	5.32E-05	1.52E-02	5.52E-04	1.67E-06	1.83E-06	1.72E-04	1.60E-02	5.5E-06	1.7E-05	9.7E-06	8.8E-06	4.0E-06	2.2E-07	5.3E-06	3.2E-06	2.9E-06	6.3E-07	1.2E-05
2433	UCART2	481609.83	3733552.05	481609.83	8.59038	6.3792	10.0079	0.0001	0.0001	0.00614	8.86E-05	2.23E-02	6.13E-04	1.67E-06	1.67E-06	1.92E-04	2.32E-02	8.0E-06	2.4E-05	1.4E-05	1.3E-05	5.8E-06	3.1E-07	7.6E-06	4.6E-06	4.2E-06	9.1E-07	1.8E-05
2434	UCART2	481659.83	3733552.05	481659.83	19.55109	10.74519	14.76113	9.00E-05	0.0001	0.00527	2.02E-04	3.75E-02	9.04E-04	1.50E-06	1.67E-06	1.65E-04	3.88E-02	1.3E-05	4.1E-05	2.3E-05	2.1E-05	9.7E-06	5.3E-07	1.3E-05	7.7E-06	7.0E-06	1.5E-06	3.0E-05
2435	UCART2	479709.83	3733602.05	479709.83	9.83923	6.72692	17.06108	0.00185	0.00623	0.00013	1.01E-04	2.35E-02	1.04E-03	3.08E-05	1.04E-04	4.06E-06	2.48E-02	8.6E-06	2.6E-05	1.5E-05	1.4E-05	6.2E-06	3.4E-07	8.1E-06	4.9E-06	4.5E-06	9.8E-07	1.9E-05
2436	UCART2	479759.83	3733602.05	479759.83	7.63118	5.41494	12.02619	0.00162	0.00477	0.00013	7.87E-05	1.89E-02	7.37E-04	2.70E-05	7.95E-05	4.06E-06	1.98E-02	6.9E-06	2.1E-05	1.2E-05	1.1E-05	5.0E-06	2.7E-07	6.5E-06	4.0E-06	3.6E-06	7.8E-07	1.5E-05
2437	UCART2	479809.83	3733602.05	479809.83	6.02292	4.46063	11.36254	0.0014	0.0037	0.00014	6.21E-05	1.56E-02	6.96E-04	2.33E-05	6.17E-05	4.37E-06	1.64E-02	5.7E-06	1.7E-05	9.9E-06	9.0E-06	4.1E-06	2.2E-07	5.4E-06	3.3E-06	3.0E-06	6.5E-07	1.3E-05
2438	UCART2	479859.83	3733602.05	479859.83	4.90502	3.76388	11.23731	0.00122	0.00293	0.00014	5.06E-05	1.31E-02	6.88E-04	2.03E-05	4.88E-05	4.37E-06	1.39E-02	4.8E-06	1.5E-05	8.4E-06	7.7E-06	3.5E-06	1.9E-07	4.6E-06	2.8E-06	2.5E-06	5.5E-07	1.1E-05
2439	UCART2	479909.83	3733602.05	479909.83	4.11445	3.24441	11.22968	0.00106	0.00234	0.00015	4.24E-05	1.13E-02	6.88E-04	1.77E-05	3.90E-05	4.69E-06	1.21E-02	4.2E-06	1.3E-05	7.3E-06	6.6E-06	3.0E-06	1.6E-07	4.0E-06	2.4E-06	2.2E-06	4.8E-07	9.2E-06
2440	UCART2	479959.83	3733602.05	479959.83	3.52884	2.84258	11.25976	0.00093	0.00191	0.00016	3.64E-05	9.92E-03	6.90E-04	1.55E-05	3.18E-05	5.00E-06	1.07E-02	3.7E-06	1.1E-05	6.5E-06	5.9E-06	2.7E-06	1.5E-07	3.5E-06	2.1E-06	1.9E-06	4.2E-07	8.2E-06
2441	UCART2	480009.83	3733602.05	480009.83	3.07799	2.52311	11.30472	0.00082	0.00156	0.00017	3.18E-05	8.81E-03	6.92E-04	1.37E-05	2.60E-05	5.31E-06	9.57E-03	3.3E-06	1.0E-05	5.8E-06	5.3E-06	2.4E-06	1.3E-07	3.1E-06	1.9E-06	1.7E-06	3.8E-07	7.3E-06
2442	UCART2	480059.83	3733602.05	480059.83	2.72107	2.26417	11.35336	0.00072	0.0013	0.00017	2.81E-05	7.90E-03	6.95E-04	1.20E-05	2.17E-05	5.31E-06	8.66E-03	3.0E-06	9.1E-06	5.2E-06	4.8E-06	2.2E-06	1.2E-07	2.8E-06	1.7E-06	1.6E-06	3.4E-07	6.6E-06
2443	UCART2	480109.83	3733602.05	480109.83	2.43322	2.05156	11.40115	0.00064	0.00109	0.00018	2.51E-05	7.16E-03	6.98E-04	1.07E-05	1.82E-05	5.62E-06	7.92E-03	2.7E-06	8.3E-06	4.8E-06	4.3E-06	2.0E-06	1.1E-07	2.6E-06	1.6E-06	1.4E-06	3.1E-07	6.0E-06
2444	UCART2	480159.83	3733602.05	480159.83	2.19587	1.87358	11.44737	0.00058	0.00093	0.00019	2.27E-05	6.54E-03	7.01E-04	9.67E-06	1.55E-05	5.94E-06	7.29E-03	2.5E-06	7.6E-06	4.4E-06	4.0E-06	1.8E-06	9.9E-08	2.4E-06	1.5E-06	1.3E-06	2.9E-07	5.6E-06
2445	UCART2	480209.83	3733602.05	480209.83	1.99823	1.72359	11.49175	0.00052	0.0008	0.0002	2.06E-05	6.01E-03	7.04E-04	8.67E-06	1.33E-05	6.25E-06	6.77E-03	2.3E-06	7.1E-06	4.1E-06	3.7E-06	1.7E-06	9.2E-08	2.2E-06	1.4E-06	1.2E-06	2.7E-07	5.2E-06
2446	UCART2	480259.83	3733602.05	480259.83	1.83208	1.59632	11.53491	0.00047	0.00069	0.00022	1.89E-05	5.57E-03	7.06E-04	7.83E-06	1.15E-05	6.87E-06	6.32E-03	2.2E-06	6.6E-06	3.8E-06	3.5E-06	1.6E-06	8.6E-08	2.1E-06	1.3E-06	1.1E-06	2.5E-07	4.8E-06
2447	UCART2	480309.83	3733602.05	480309.83	1.69102	1.48748	11.57578	0.00042	0.00061	0.00023	1.74E-05	5.19E-03	7.09E-04	7.00E-06	1.02E-05	7.19E-06	5.94E-03	2.1E-06	6.2E-06	3.6E-06	3.3E-06	1.5E-06	8.1E-08	2.0E-06	1.2E-06	1.1E-06	2.3E-07	4.5E-06
2448	UCART2	480359.83	3733602.05	480359.83	1.57131	1.39476	11.614	0.00038	0.00053	0.00024	1.62E-05	4.87E-03	7.11E-04	6.33E-06	8.83E-06	7.50E-06	5.62E-03	1.9E-06	5.9E-06	3.4E-06	3.1E-06	1.4E-06	7.6E-08	1.8E-06	1.1E-06	1.0E-06	2.2E-07	4.3E-06
2449	UCART2	480409.83	3733602.05	480409.83	1.46883	1.33021	11.65365	0.00035	0.00047	0.00026	1.52E-05	4.59E-03	7.14E-04	5.83E-06	7.83E-06	8.12E-06	5.34E-03	1.8E-06	5.6E-06	3.2E-06	2.9E-06	1.3E-06	7.3E-08	1.8E-06	1.0E-06	9.7E-07	2.1E-07	4.1E-06
2450	UCART2	480459.83	3733602.05	480459.83	1.38111	1.24717	11.69532	0.00032	0.00042	0.00028	1.42E-05	4.35E-03	7.16E-04	5.33E-06	7.00E-06	8.75E-06	5.10E-03	1.8E-06	5.3E-06	3.1E-06	2.8E-06	1.3E-06	6.9E-08	1.7E-06	1.0E-06	9.2E-07	2.0E-07	3.9E-06
2451	UCART2	480509.83	3733602.05	480509.83	1.30642	1.1895	11.73189	0.0003	0.00038	0.0003	1.35E-05	4.15E-03	7.19E-04	5.00E-06	6.33E-06	9.37E-06	4.90E-03	1.7E-06	5.1E-06	3.0E-06	2.7E-06	1.2E-06	6.7E-08	1.6E-06	9.8E-07	8.9E-07	1.9E-07	3.7E-06
2452	UCART2	480559.83	3733602.05	480559.83	1.2429	1.14087	11.76586	0.00028	0.00034	0.00032	1.28E-05	3.98E-03	7.21E-04	4.67E-06	5.67E-06	1.00E-05	4.74E-03	1.6E-06	4.9E-06	2.9E-06	2.6E-06	1.2E-06	6.4E-08	1.6E-06	9.5E-07	8.6E-07	1.9E-07	3.6E-06
2453	UCART2	480609.83	3733602.05	480609.83	1.18938	1.10048	11.79962	0.00026	0.00031	0.00035	1.23E-05	3.84E-03	7.23E-04	4.33E-06	5.17E-06	1.09E-05	4.60E-03	1.6E-06	4.8E-06	2.8E-06	2.5E-06	1.2E-06	6.3E-08	1.5E-06	9.2E-07	8.3E-07	1.8E-07	3.5E-06
2454	UCART2	480659.83	3733602.05	480659.83	1.14505	1.06783	11.83395	0.00024	0.00029	0.00038	1.18E-05	3.73E-03	7.25E-04	4.00E-06	4.83E-06	1.19E-05	4.48E-03	1.6E-06	4.7E-06	2.7E-06	2.5E-06	1.1E-06	6.1E-08	1.5E-06	9.0E-07	8.1E-07	1.8E-07	3.4E-06
2455	UCART2	480709.83	3733602.05	480709.83	1.10934	1.0426	11.86845	0.00022	0.00027	0.00041	1.14E-05	3.64E-03	7.27E-04	3.67E-06	4.50E-06	1.28E-05	4.40E-03	1.5E-06	4.6E-06	2.7E-06	2.4E-06	1.1E-06	6.0E-08	1.4E-06	8.8E-07	8.0E-07	1.7E-07	3.4E-06
2456	UCART2	480759.83	3733602.05	480759.83	1.08189	1.02463	11.90143	0.00021	0.00025	0.00045	1.12E-05	3.58E-03	7.29E-04	3.50E-06	4.17E-06	1.41E-05	4.34E-03	1.5E-06	4.5E-06	2.6E-06	2.4E-06	1.1E-06	5.9E-08	1.4E-06	8.7E-07	7.9E-07	1.7E-07	3.3E-06
2457	UCART2	480809.83	3733602.05	480809.83	1.06253	1.01392	11.93267	0.0002	0.00023	0.00049	1.10E-05	3.54E-03	7.31E-04	3.33E-06	3.83E-06	1.53E-05	4.30E-03	1.5E-06	4.5E-06	2.6E-06	2.4E-06	1.1E-06	5.9E-08	1.4E-06	8.6E-07	7.8E-07	1.7E-07	3.3E-06
2458	UCART2	480859.83	3733602.05	480859.83	1.05156	1.01088	11.96272	0.00019	0.00021	0.00055	1.08E-05	3.53E-03	7.33E-04	3.17E-06	3.50E-06	1.72E-05	4.30E-03	1.5E-06	4.5E-06	2.6E-06	2.4E-06	1.1E-06	5.8E-08	1.4E-06	8.6E-07	7.8E-07	1.7E-07	3.3E-06
2459	UCART2	480909.83	3733602.05	480909.83	1.0491	1.01573	11.99236	0.00018	0.0002	0.00061	1.08E-05	3.54E-03	7.34E-04	3.00E-06	3.33E-06	1.91E-05	4.32E-03	1.5E-06	4.5E-06	2.6E-06	2.4E-06	1.1E-06	5.9E-08	1.4E-06	8.6E-07	7.8E-07	1.7E-07	3.3E-06
2460	UCART2	480959.83	3733602.05	480959.83	1.0559	1.02928	12.02218	0.00017	0.00019	0.00068	1.09E-05	3.59E-03	7.36E-04	2.83E-06	3.17E-06	2.12E-05	4.37E-03	1.5E-06	4.6E-06	2.6E-06	2.4E-06	1.1E-06	5.9E-08	1.4E-06	8.7E-07	7.9E-07	1.7E-07	3.3E-06
2461	UCART2	481009.83	3733602.05	481009.83	1.07321	1.0528	12.05105	0.00016	0.00018	0.00077	1.11E-05	3.67E-03	7.38E-04	2.67E-06	3.00E-06	2.41E-05	4.45E-03	1.5E-06	4.7E-06	2.7E-06	2.4E-06	1.1E-06	6.1E-08	1.5E-06	8.9E-07	8.1E-07	1.8E-07	3.4E-06
2462	UCART2	481059.83	3733602.05	481059.83	1.1027	1.08788	12.08063	0.00015	0.00017	0.00088	1.14E-05	3.80E-03	7.40E-04	2.50E-06	2.83E-06	2.75E-05	4.58E-03	1.6E-06	4.8E-06	2.8E-06	2.5E-06	1.1E-06	6.2E-08	1.5E-06	9.1E-07	8.3E-07	1.8E-07	3.5E-06
2463	UCART2	481109.83	3733602.05	481109.83	1.14684	1.13689	12.11105	0.00015	0.00016	0.00101	1.18E-05	3.97E-03	7.42E-04	2.50E-06	2.67E-06	3.16E-05	4.76E-03	1.6E-06	5.0E-06	2.9E-06	2.6E-06	1.2E-06	6.5E-08	1.6E-06	9.5E-07	8.6E-07	1.9E-07	3.6E-06
2464	UCART2	481159.83	3733602.05	481159.83	1.20931	1.2032	12.14294	0.00014	0.00015	0.00117	1.25E-05	4.20E-03	7.44E-04	2.33E-06	2.50E-06	3.66E-05	5.00E-03	1.7E-06	5.2E-06	3.0E-06	2.7E-06	1.3E-06	6.8E-08	1.6E-06	1.0E-06	9.0E-07	2.0E-07	3.8E-06
2465	UCART2	481209.83	3733602.05	481209.83	1.29545	1.29164	12.1774	0.00013	0.00014	0.00138	1.34E-05	4.51E-03	7.46E-04	2.17E-06	2.33E-06	4.31E-05	5.31E-03	1.8E-06	5.6E-06	3.2E-06	2.9E-06	1.3E-06	7.2E-08	1.7E-06	1.1E-06	9.6E-07	2.1E-07	4.1E-06
2466	UCART2	481259.83	3733602.05	481259.83	1.41332	1.40928	12.21604	0.00013	0.00014	0.00163	1.46E-05	4.92E-03	7.48E-04	2.17E-06	2.33E-06	5.09E-05	5.74E-03	2.0E-06	6.0E-06	3.5E-06	3.1E-06	1.4E-06	7.8E-08	1.9E-06	1.1E-06	1.0E-06	2.3E-07	4.4E-06
2467	UCART2	481309.83	3733602.05	481309.83	1.57538	1.56677	12.26098	0.00012	0.00013	0.00196	1.63E-05	5.47E-03	7.51E-04	2.00E-06	2.17E-06	6.12E-05	6.30E-03	2.2E-06	6.6E-06	3.8E-06	3.5E-06	1.6E-06	8.6E-08	2.1E-06	1.3E-06	1.1E-06	2.5E-07	4.8E-06
2468	UCART2	481359.83	3733602.05	481359.83	1.8015	1.78049	12.31828	0.00012	0.00013	0.00238	1.86E-05	6.21E-03	7.54E-04	2.00E-06	2.17E-06	7.44E-05	7.07E-03	2.4E-06	7.4E-06	4.3E-06	3.9E-06	1.8E-06	9.6E-08	2.3E-06	1.4E-06	1.3E-06	2.8E-07	5.4E-06
2469	UCART2	481409.83	3733602.05	481409.83	2.12514	2.07694	12.40022	0.00011	0.00012	0.00292	2.19E-05	7.25E-03	7.59E-04	1.83E-06	2.00E-06	9.12E-05	8.12E-03	2.8E-06	8.5E-06	4.9E-06	4.5E-06	2.0E-06	1.1E-07	2.7E-06	1.6E-06	1.5E-06	3.2E-07	6.2E-06
2470	UCART2	481459.83	3733602.05	481459.83	2.60702	2.50203	12.52609	0.00011	0.00012	0.00366	2.69E-05	8.73E-03	7.67E-04	1.83E-06	2.00

2546	UCART2	482319.55	3733579.77	482319.55	1.07252	1.29566	4.2812	6.00E-05	7.00E-05	0.00116	1.11E-05	4.52E-03	2.62E-04	1.00E-06	1.17E-06	3.62E-05	4.83E-03	1.7E-06	5.1E-06	2.9E-06	2.7E-06	1.2E-06	6.6E-08	1.6E-06	9.7E-07	8.7E-07	1.9E-07	3.7E-06
2547	UCART2	482369.55	3733579.77	482369.55	0.94685	1.12968	3.06836	6.00E-05	7.00E-05	0.00097	9.77E-06	3.94E-03	1.88E-04	1.00E-06	1.17E-06	3.03E-05	4.17E-03	1.4E-06	4.4E-06	2.5E-06	2.3E-06	1.0E-06	5.7E-08	1.4E-06	8.3E-07	7.6E-07	1.6E-07	3.2E-06
2548	UCART2	482269.55	3733629.77	482269.55	1.20369	1.47653	10.50097	7.00E-05	7.00E-05	0.00139	1.24E-05	5.15E-03	6.43E-04	1.17E-06	1.17E-06	4.34E-05	5.85E-03	2.0E-06	6.1E-06	3.5E-06	3.2E-06	1.5E-06	8.0E-08	1.9E-06	1.2E-06	1.1E-06	2.3E-07	4.5E-06
2549	UCART2	482319.55	3733629.77	482319.55	1.05198	1.27199	5.50711	6.00E-05	7.00E-05	0.00115	1.09E-05	4.44E-03	3.37E-04	1.00E-06	1.17E-06	3.59E-05	4.83E-03	1.7E-06	5.0E-06	2.9E-06	2.6E-06	1.2E-06	6.6E-08	1.6E-06	9.6E-07	8.7E-07	1.9E-07	3.7E-06
2550	UCART2	482369.55	3733629.77	482369.55	0.89291	1.06353	3.30904	6.00E-05	7.00E-05	0.00096	9.21E-06	3.71E-03	2.03E-04	1.00E-06	1.17E-06	3.00E-05	3.96E-03	1.4E-06	4.1E-06	2.4E-06	2.2E-06	9.9E-07	5.4E-08	1.3E-06	7.9E-07	7.2E-07	1.6E-07	3.0E-06
2551	CORSICA\	479489.57	3733099.47	479489.57	202.0181	85.97313	1.83704	0.03298	0.01299	0.0001	2.08E-03	3.00E-01	1.13E-04	5.50E-04	2.16E-04	3.12E-06	3.03E-01	1.0E-04	3.2E-04	1.8E-04	1.7E-04	7.6E-05	4.1E-06	1.0E-04	6.0E-05	5.5E-05	1.2E-05	2.3E-04
2552	CORSICA\	479519.57	3733099.47	479519.57	206.6688	65.71324	2.0728	0.02529	0.01597	0.0001	2.13E-03	2.29E-01	1.27E-04	4.21E-04	2.66E-04	3.12E-06	2.32E-01	8.0E-05	2.4E-04	1.4E-04	1.3E-04	5.8E-05	3.2E-06	7.6E-05	4.6E-05	4.2E-05	9.2E-06	1.8E-04
2553	CORSICA\	479549.57	3733099.47	479549.57	208.0037	66.0624	2.39828	0.01868	0.0186	0.0001	2.15E-03	2.31E-01	1.47E-04	3.11E-04	3.10E-04	3.12E-06	2.33E-01	8.1E-05	2.4E-04	1.4E-04	1.3E-04	5.8E-05	3.2E-06	7.7E-05	4.7E-05	4.2E-05	9.2E-06	1.8E-04
2554	CORSICA\	479489.57	3733129.47	479489.57	76.64431	61.1079	1.96605	0.01864	0.01474	0.0001	7.91E-04	2.13E-01	1.20E-04	3.11E-04	2.46E-04	3.12E-06	2.15E-01	7.4E-05	2.2E-04	1.3E-04	1.2E-04	5.4E-05	2.9E-06	7.1E-05	4.3E-05	3.9E-05	8.5E-06	1.6E-04
2555	CORSICA\	479519.57	3733129.47	479519.57	79.38567	47.23229	2.23839	0.01641	0.01849	0.0001	8.19E-04	1.65E-01	1.37E-04	2.73E-04	3.08E-04	3.12E-06	1.66E-01	5.8E-05	1.7E-04	1.0E-04	9.1E-05	4.2E-05	2.3E-06	5.5E-05	3.3E-05	3.0E-05	6.6E-06	1.3E-04
2556	CORSICA\	479549.57	3733129.47	479549.57	80.23451	42.03771	2.62448	0.01373	0.0216	0.0001	8.28E-04	1.47E-01	1.61E-04	2.29E-04	3.60E-04	3.12E-06	1.48E-01	5.1E-05	1.5E-04	9.0E-05	8.1E-05	3.7E-05	2.0E-06	4.9E-05	3.0E-05	2.7E-05	5.9E-06	1.1E-04
2557	CORSICA\	479489.57	3733159.47	479489.57	44.01179	41.15939	2.0916	0.01128	0.01674	0.0001	4.54E-04	1.44E-01	1.28E-04	1.88E-04	2.79E-04	3.12E-06	1.45E-01	5.0E-05	1.5E-04	8.8E-05	7.9E-05	3.6E-05	2.0E-06	4.8E-05	2.9E-05	2.6E-05	5.7E-06	1.1E-04
2558	CORSICA\	479519.57	3733159.47	479519.57	46.2671	34.71681	2.39776	0.01101	0.02158	0.0001	4.77E-04	1.21E-01	1.47E-04	1.83E-04	3.60E-04	3.12E-06	1.22E-01	4.2E-05	1.3E-04	7.4E-05	6.7E-05	3.1E-05	1.7E-06	4.0E-05	2.4E-05	2.2E-05	4.8E-06	9.3E-05
2559	CORSICA\	479549.57	3733159.47	479549.57	47.0591	30.68579	2.83294	0.01014	0.02551	0.0001	4.85E-04	1.07E-01	1.74E-04	1.69E-04	4.25E-04	3.12E-06	1.08E-01	3.8E-05	1.1E-04	6.6E-05	5.9E-05	2.7E-05	1.5E-06	3.6E-05	2.2E-05	2.0E-05	4.3E-06	8.3E-05

Operational Risk (Unmitigated)

Unmitigated

On-Site	Idle&Equip	Road	S1 Gen	S2 Gen	S3 Gen
1.03E-05	8.83E-07	6.12E-05	1.67E-02	1.67E-02	3.12E-02

				AVERAGE CONC [ug/m^3] at 1 g/s					Concentration (AVERAGE CONC) [ug/m^3]						Residential Dose	Risk by Age Group						
#	Discrete IX	Y	X, Y	Onsite	Idle& Equip	Road	S1 Gen	S2 Gen	S3 Gen	On-Site	Idle&Equip	Road	S1 Gen	S2 Gen	S3 Gen	Unmitigated Total	3rd	0<2	2<9	9<16	16<30	0<2	2<9	9<16	16<30	Total Risk
1	UCART3	478269.28	3732495.39	478269.28	0.49865	0.51349	0.22512	0.00027	0.00024	5.00E-05	5.14E-06	4.53E-07	1.38E-05	4.50E-06	4.00E-06	1.56E-06	2.94E-05	1.0E-08	3.1E-08	1.8E-08	1.6E-08	7.4E-09	4.0E-10	9.7E-09	5.9E-09	5.3E-09	1.2E-09	2.2E-08
2	UCART3	478319.28	3732495.39	478319.28	0.52363	0.54048	0.23189	0.00029	0.00026	5.00E-05	5.40E-06	4.77E-07	1.42E-05	4.83E-06	4.33E-06	1.56E-06	3.08E-05	1.1E-08	3.2E-08	1.9E-08	1.7E-08	7.7E-09	4.2E-10	1.0E-08	6.2E-09	5.6E-09	1.2E-09	2.3E-08
3	UCART3	478369.28	3732495.39	478369.28	0.55133	0.57015	0.23911	0.00032	0.00027	6.00E-05	5.69E-06	5.03E-07	1.46E-05	5.33E-06	4.50E-06	1.87E-06	3.25E-05	1.1E-08	3.4E-08	2.0E-08	1.8E-08	8.1E-09	4.4E-10	1.1E-08	6.5E-09	5.9E-09	1.3E-09	2.5E-08
4	UCART3	478419.28	3732495.39	478419.28	0.59175	0.61203	0.24956	0.00035	0.00029	6.00E-05	6.10E-06	5.40E-07	1.53E-05	5.83E-06	4.83E-06	1.87E-06	3.45E-05	1.2E-08	3.6E-08	2.1E-08	1.9E-08	8.6E-09	4.7E-10	1.1E-08	6.9E-09	6.2E-09	1.4E-09	2.6E-08
5	UCART3	478469.28	3732495.39	478469.28	0.6387	0.66019	0.26094	0.00039	0.0003	6.00E-05	6.59E-06	5.83E-07	1.60E-05	6.50E-06	5.00E-06	1.87E-06	3.65E-05	1.3E-08	3.8E-08	2.2E-08	2.0E-08	9.1E-09	5.0E-10	1.2E-08	7.3E-09	6.6E-09	1.4E-09	2.8E-08
6	UCART3	478519.28	3732495.39	478519.28	0.67722	0.70093	0.26974	0.00043	0.00032	6.00E-05	6.99E-06	6.19E-07	1.65E-05	7.17E-06	5.33E-06	1.87E-06	3.85E-05	1.3E-08	4.0E-08	2.3E-08	2.1E-08	9.6E-09	5.2E-10	1.3E-08	7.7E-09	7.0E-09	1.5E-09	2.9E-08
7	UCART3	478569.28	3732495.39	478569.28	0.69314	0.7203	0.2725	0.00048	0.00034	6.00E-05	7.15E-06	6.36E-07	1.67E-05	8.00E-06	5.67E-06	1.87E-06	4.00E-05	1.4E-08	4.2E-08	2.4E-08	2.2E-08	1.0E-08	5.4E-10	1.3E-08	8.0E-09	7.2E-09	1.6E-09	3.1E-08
8	UCART3	478619.28	3732495.39	478619.28	0.74871	0.7788	0.28501	0.00053	0.00036	6.00E-05	7.72E-06	6.87E-07	1.75E-05	8.83E-06	6.00E-06	1.87E-06	4.26E-05	1.5E-08	4.4E-08	2.6E-08	2.3E-08	1.1E-08	5.8E-10	1.4E-08	8.5E-09	7.7E-09	1.7E-09	3.2E-08
9	UCART3	478669.28	3732495.39	478669.28	0.77757	0.81177	0.29035	0.0006	0.00037	6.00E-05	8.02E-06	7.17E-07	1.78E-05	1.00E-05	6.17E-06	1.87E-06	4.46E-05	1.5E-08	4.7E-08	2.7E-08	2.4E-08	1.1E-08	6.1E-10	1.5E-08	8.9E-09	8.1E-09	1.8E-09	3.4E-08
10	UCART3	478719.28	3732495.39	478719.28	0.801	0.8397	0.29225	0.00066	0.00039	6.00E-05	8.26E-06	7.41E-07	1.79E-05	1.10E-05	6.50E-06	1.87E-06	4.63E-05	1.6E-08	4.8E-08	2.8E-08	2.5E-08	1.2E-08	6.3E-10	1.5E-08	9.2E-09	8.4E-09	1.8E-09	3.5E-08
11	UCART3	478769.28	3732495.39	478769.28	0.84842	0.8938	0.3018	0.00074	0.00041	7.00E-05	8.75E-06	7.89E-07	1.85E-05	1.23E-05	6.83E-06	2.19E-06	4.94E-05	1.7E-08	5.2E-08	3.0E-08	2.7E-08	1.2E-08	6.7E-10	1.6E-08	9.9E-09	8.9E-09	1.9E-09	3.8E-08
12	UCART3	478819.28	3732495.39	478819.28	0.86138	0.91211	0.29804	0.00081	0.00043	7.00E-05	8.89E-06	8.05E-07	1.83E-05	1.35E-05	7.17E-06	2.19E-06	5.08E-05	1.8E-08	5.3E-08	3.1E-08	2.8E-08	1.3E-08	6.9E-10	1.7E-08	1.0E-08	9.2E-09	2.0E-09	3.9E-08
13	UCART3	478869.28	3732495.39	478869.28	0.92728	0.98638	0.31257	0.0009	0.00046	7.00E-05	9.57E-06	8.71E-07	1.91E-05	1.50E-05	7.67E-06	2.19E-06	5.44E-05	1.9E-08	5.7E-08	3.3E-08	3.0E-08	1.4E-08	7.4E-10	1.8E-08	1.1E-08	9.9E-09	2.1E-09	4.1E-08
14	UCART3	478919.28	3732495.39	478919.28	1.06175	1.13268	0.34599	0.00102	0.00049	7.00E-05	1.10E-05	1.00E-06	2.12E-05	1.70E-05	8.17E-06	2.19E-06	6.05E-05	2.1E-08	6.3E-08	3.7E-08	3.3E-08	1.5E-08	8.2E-10	2.0E-08	1.2E-08	1.1E-08	2.4E-09	4.6E-08
15	UCART3	478969.28	3732495.39	478969.28	1.17911	1.25973	0.3676	0.00114	0.00053	7.00E-05	1.22E-05	1.11E-06	2.25E-05	1.90E-05	8.83E-06	2.19E-06	6.58E-05	2.3E-08	6.9E-08	4.0E-08	3.6E-08	1.6E-08	8.9E-10	2.2E-08	1.3E-08	1.2E-08	2.6E-09	5.0E-08
16	UCART3	479019.28	3732495.39	479019.28	1.25208	1.34267	0.37968	0.00126	0.00057	7.00E-05	1.29E-05	1.19E-06	2.33E-05	2.10E-05	9.50E-06	2.19E-06	7.00E-05	2.4E-08	7.3E-08	4.2E-08	3.8E-08	1.8E-08	9.5E-10	2.3E-08	1.4E-08	1.3E-08	2.8E-09	5.3E-08
17	UCART3	479069.28	3732495.39	479069.28	1.24556	1.34081	0.37339	0.00139	0.00061	8.00E-05	1.28E-05	1.18E-06	2.29E-05	2.32E-05	1.02E-05	2.50E-06	7.27E-05	2.5E-08	7.6E-08	4.4E-08	4.0E-08	1.8E-08	9.9E-10	2.4E-08	1.5E-08	1.3E-08	2.9E-09	5.5E-08
18	UCART3	479119.28	3732495.39	479119.28	1.15703	1.24628	0.34091	0.00153	0.00066	8.00E-05	1.19E-05	1.10E-06	2.09E-05	2.55E-05	1.10E-05	2.50E-06	7.29E-05	2.5E-08	7.6E-08	4.4E-08	4.0E-08	1.8E-08	9.9E-10	2.4E-08	1.5E-08	1.3E-08	2.9E-09	5.6E-08
19	UCART3	479169.28	3732495.39	479169.28	1.16222	1.24679	0.33586	0.00172	0.00073	8.00E-05	1.20E-05	1.10E-06	2.06E-05	2.87E-05	1.22E-05	2.50E-06	7.70E-05	2.7E-08	8.0E-08	4.7E-08	4.2E-08	1.9E-08	1.0E-09	2.5E-08	1.5E-08	1.4E-08	3.0E-09	5.9E-08
20	UCART3	478269.28	3732545.39	478269.28	0.5133	0.5279	0.22952	0.00027	0.00025	5.00E-05	5.29E-06	4.66E-07	1.41E-05	4.50E-06	4.17E-06	1.56E-06	3.00E-05	1.0E-08	3.1E-08	1.8E-08	1.6E-08	7.5E-09	4.1E-10	9.9E-09	6.0E-09	5.4E-09	1.2E-09	2.3E-08
21	UCART3	478319.28	3732545.39	478319.28	0.53523	0.55247	0.23528	0.00029	0.00026	5.00E-05	5.52E-06	4.88E-07	1.44E-05	4.83E-06	4.33E-06	1.56E-06	3.11E-05	1.1E-08	3.3E-08	1.9E-08	1.7E-08	7.8E-09	4.2E-10	1.0E-08	6.2E-09	5.6E-09	1.2E-09	2.4E-08
22	UCART3	478369.28	3732545.39	478369.28	0.56905	0.58873	0.2444	0.00032	0.00028	6.00E-05	5.87E-06	5.20E-07	1.50E-05	5.33E-06	4.67E-06	1.87E-06	3.32E-05	1.2E-08	3.5E-08	2.0E-08	1.8E-08	8.3E-09	4.5E-10	1.1E-08	6.6E-09	6.0E-09	1.3E-09	2.5E-08
23	UCART3	478419.28	3732545.39	478419.28	0.61888	0.64016	0.25704	0.00035	0.0003	6.00E-05	6.38E-06	5.65E-07	1.57E-05	5.83E-06	5.00E-06	1.87E-06	3.54E-05	1.2E-08	3.7E-08	2.1E-08	1.9E-08	8.9E-09	4.8E-10	1.2E-08	7.1E-09	6.4E-09	1.4E-09	2.7E-08
24	UCART3	478469.28	3732545.39	478469.28	0.67638	0.6983	0.27037	0.00039	0.00032	6.00E-05	6.98E-06	6.16E-07	1.66E-05	6.50E-06	5.33E-06	1.87E-06	3.79E-05	1.3E-08	4.0E-08	2.3E-08	2.1E-08	9.5E-09	5.1E-10	1.2E-08	7.6E-09	6.9E-09	1.5E-09	2.9E-08
25	UCART3	478519.28	3732545.39	478519.28	0.73665	0.75896	0.28329	0.00044	0.00034	6.00E-05	7.60E-06	6.70E-07	1.74E-05	7.33E-06	5.67E-06	1.87E-06	4.05E-05	1.4E-08	4.2E-08	2.5E-08	2.2E-08	1.0E-08	5.5E-10	1.3E-08	8.1E-09	7.3E-09	1.6E-09	3.1E-08
26	UCART3	478569.28	3732545.39	478569.28	0.76241	0.79074	0.28921	0.00049	0.00036	6.00E-05	7.86E-06	6.98E-07	1.77E-05	8.17E-06	6.00E-06	1.87E-06	4.23E-05	1.5E-08	4.4E-08	2.6E-08	2.3E-08	1.1E-08	5.8E-10	1.4E-08	8.4E-09	7.7E-09	1.7E-09	3.2E-08
27	UCART3	478619.28	3732545.39	478619.28	0.79639	0.82981	0.2962	0.00055	0.00038	6.00E-05	8.21E-06	7.32E-07	1.81E-05	9.17E-06	6.33E-06	1.87E-06	4.45E-05	1.5E-08	4.6E-08	2.7E-08	2.4E-08	1.1E-08	6.0E-10	1.5E-08	8.9E-09	8.0E-09	1.8E-09	3.4E-08
28	UCART3	478669.28	3732545.39	478669.28	0.85915	0.89636	0.30878	0.00062	0.0004	6.00E-05	8.86E-06	7.91E-07	1.89E-05	1.03E-05	6.67E-06	1.87E-06	4.74E-05	1.6E-08	5.0E-08	2.9E-08	2.6E-08	1.2E-08	6.5E-10	1.6E-08	9.5E-09	8.6E-09	1.9E-09	3.6E-08
29	UCART3	478719.28	3732545.39	478719.28	0.90393	0.94743	0.31728	0.0007	0.00043	6.00E-05	9.32E-06	8.36E-07	1.94E-05	1.17E-05	7.17E-06	1.87E-06	5.03E-05	1.7E-08	5.3E-08	3.0E-08	2.8E-08	1.3E-08	6.8E-10	1.7E-08	1.0E-08	9.1E-09	2.0E-09	3.8E-08
30	UCART3	478769.28	3732545.39	478769.28	0.91834	0.96878	0.31857	0.00078	0.00045	7.00E-05	9.47E-06	8.55E-07	1.95E-05	1.30E-05	7.50E-06	2.19E-06	5.25E-05	1.8E-08	5.5E-08	3.2E-08	2.9E-08	1.3E-08	7.1E-10	1.7E-08	1.0E-08	9.5E-09	2.1E-09	4.0E-08
31	UCART3	478819.28	3732545.39	478819.28	0.95225	1.00994	0.32218	0.00087	0.00047	7.00E-05	9.82E-06	8.92E-07	1.97E-05	1.45E-05	7.83E-06	2.19E-06	5.50E-05	1.9E-08	5.7E-08	3.3E-08	3.0E-08	1.4E-08	7.5E-10	1.8E-08	1.1E-08	9.9E-09	2.2E-09	4.2E-08
32	UCART3	478869.28	3732545.39	478869.28	1.00803	1.0752	0.33122	0.00098	0.0005	7.00E-05	1.04E-05	9.49E-07	2.03E-05	1.63E-05	8.33E-06	2.19E-06	5.85E-05	2.0E-08	6.1E-08	3.5E-08	3.2E-08	1.5E-08	8.0E-10	1.9E-08	1.2E-08	1.1E-08	2.3E-09	4.5E-08
33	UCART3	478919.28	3732545.39	478919.28	1.14402	1.22532	0.35978	0.00111	0.00053	7.00E-05	1.18E-05	1.08E-06	2.20E-05	1.85E-05	8.83E-06	2.19E-06	6.44E-05	2.2E-08	6.7E-08	3.9E-08	3.5E-08	1.6E-08	8.8E-10	2.1E-08	1.3E-08	1.2E-08	2.5E-09	4.9E-08
34	UCART3	478969.28	3732545.39	478969.28	1.28357	1.37707	0.38357	0.00126	0.00058	7.00E-05	1.32E-05	1.22E-06	2.35E-05	2.10E-05	9.67E-06	2.19E-06	7.08E-05	2.5E-08	7.4E-08	4.3E-08	3.9E-08	1.8E-08	9.6E-10	2.3E-08	1.4E-08	1.3E-08	2.8E-09	5.4E-08
35	UCART3	479019.28	3732545.39	479019.28	1.38124	1.48828	0.39878	0.00142	0.00062	7.00E-05	1.42E-05	1.31E-06	2.44E-05	2.37E-05	1.03E-05	2.19E-06	7.62E-05	2.6E-08	8.0E-08	4.6E-08	4.2E-08	1.9E-08	1.0E-09	2.5E-08	1.5E-08	1.4E-08	3.0E-09	5.8E-08
36	UCART3	479069.28	3732545.39	479069.28	1.45385	1.57572	0.40927	0.00157	0.00067	8.00E-05	1.50E-05	1.39E-06	2.51E-05	2.62E-05	1.12E-05	2.50E-06	8.13E-05	2.8E-08	8.5E-08	4.9E-08	4.5E-08	2.0E-08	1.1E-09	2.7E-08	1.6E-08	1.5E-08	3.2E-09	6.2E-08
37	UCART3	479119.28	3732545.39	479119.28	1.41692	1.54206	0.39566	0.00175	0.00073	8.00E-05	1.46E-05	1.36E-06	2.42E-05	2.92E-05	1.22E-05	2.50E-06	8.40E-05	2.9E-08	8.8E-08	5.1E-08	4.6E-08	2.1E-08	1.1E-09	2.8E-08	1.7E-08	1.5E-08	3.3E-09	6.4E-08
38	UCART3	479169.28	3732545.39	479169.28	1.43167	1.5642	0.38894	0.00199	0.0008	8.00E-05	1.48E-05	1.38E-06	2.38E-05	3.32E-05	1.33E-05	2.50E-06	8.90E-05	3.1E-08	9.3E-08	5.4E-08	4.9E-08	2.2E-08	1.2E-09	2.9E-08	1.8E-08	1.6E-08	3.5E-09	6.8E-08
39	UCART3	478269.28	3732595.39	478269.28	0.52985	0.54397	0.23433	0.00027	0.00025	5.00E-05	5.47E-06	4.80E-07	1.44E-05	4.50E-06	4.17E-06	1.56E-06	3.05E-05	1.1E-08	3.2E-08	1.8E-08	1.7E-08	7.6E-09	4.2E-10	1.0E-08	6.1E-09	5.5E-09	1.2E-09	2.3E-08
40	UCART3	478319.28	3732595.39	478319.28	0.55712	0.5738	0.24163	0.00029	0.00027	5.00E-05	5.75E-06	5.07E-07	1.48E-05	4.83E-06	4.50E-06	1.56E-06	3.19E-05	1.1E-08	3.3E-08	1.9E-08	1.8E-08	8.0E-09	4.3E-10	1.0E-08	6.4E-09	5.8E-09	1.3E-09	2.4E-08
41	UCART3	478369.28	3732595.39	478369.28	0.60138	0.62024	0.25317	0.00032	0.00029	6.00E-05	6.20E-06	5.48E-07	1.55E-05	5.33E-06	4.83E-06	1.87E-06	3.43E-05	1.2E-08	3.6E-08	2.1E-08	1.9E-08	8.6E-09	4.7E-10	1.1E-08	6.8E-09	6.2E-09	1.4E-09	2.6E-08
42	UCART3	478419.28	3732595.39	478419.28	0.65061	0.67135	0.26509	0.00036	0.00031	6.00E-05	6.71E-06	5.93E-07	1.62E-05	6.00E-06	5.17E-06	1.87E-06	3.66E-05	1.3E-08	3.8E-08	2.2E-08	2.0E-08	9.2E-09	5.0E-10	1.2E-08	7.3E-09	6.6E-09	1.4E-09	2.8E-08
43	UCART3	478469.28	3732595.39	478469.28	0.70648	0.72859	0.27764	0.0004	0.00033	6.00E-05	7.29E-06	6.43E-07	1.70E-05	6.67E-06	5.50E-06	1.87E-06	3.90E-05	1.3E-08	4.1E-08	2.4E-08	2.1E-08	9.8E-09	5.3E-10	1.3E-08	7.8E-09	7.1E-09	1.5E-09	3.0E-08
44	UCART3	478519.28	3732595.39	478519.28	0.78389	0.80401	0.29304	0.00044	0.00036	6.00E-05	8.09E-06	7.10E-07	1.79E-05	7.33E-06	6.00E-06	1.87E-06	4.20E-05	1.5E-08	4.4E-08	2.5E-08	2.3E-08	1.0E-08	5.7E-10	1.4E-08	8.4E-09	7.6E-09	1.7E-09	3.2E-08
45	UCART3	478569.28	3732595.39	478569.28	0.83958	0.86272	0.30425	0.0005	0.00038	6.00E-05	8.66E-06	7.62E-07	1.86E-05	8.33E-06	6.33E-06	1.87E-06	4.46E-05	1.5E-08	4.7E-08	2.7E-08	2.4E-08	1.1E-08	6.1E-10	1.5E-08	8.9E-09	8.1E-09	1.8E-09	3.4E-08
46	UCART3	478619.28	3732595.39	478619.28	0.8516	0.88664	0.30821	0.00056	0.0004	6.00E-05	8.78E-06	7.83E-07	1.89E-05	9.33E-06	6.67E-06	1.87E-06	4.63E-05	1.6E-08	4.8E-08	2.8E-08	2.5E-08	1.2E-08	6.3E-10	1.5E-08	9.2E-09	8.4E-09	1.8E-09	3.5E-08
47	UCART3	478669.28	3732595.39	478669.28	0.91785	0.95745	0.32081	0.00063	0.00043	6.00E-05	9.47E-06	8.45E-07	1.96E-05	1.05E-05	7.17E-06	1.87E-06	4.95E-05	1.7E-08	5.2E-08	3.0E-08	2.7E-08	1.2E-08	6.7E-10	1.6E-08	9.9E-09	9.0E-09	2.0E-09	3.8E-08
48	UCART3	478719.28	3732595.39	478719.28	0.97237	1.01956	0.33092	0.00071	0.00046	6.00E-05	1.00E-05	9.00E-07	2.03E-05	1.18E-05	7.67E-06	1.87E-06	5.26E-05	1.8E-08	5.5E-08	3.2E-08	2.9E-08	1.3E-08	7.1E-10	1.7E-08	1.0E-08	9.5E-09	2.1E-09	4.0E-08
49	UCART3	478769.28	3732595.39	478769.28	0.99291	1.05008	0.33392	0.00081	0.00048	7.00E-05	1.02E-05	9.27E-07	2.05E-05	1.35E-05	8.00E-06	2.19E-06	5.53E-05	1.9E-08	5.8E-08	3.3E-08	3.0E-08	1.4E-08	7.5E-10	1.8E-08	1.1E-08	1.0E-08	2.2E-09	4.2E-08
50	UCART3	478819.28	3732595.39	478819.28	1.0363	1.1019	0.3404	0.00092	0.00051	7.00E-05	1.07E-05	9.73E-07	2.08E-05	1.53E-05	8.50E-06	2.19E-06	5.85E-05	2.0E-08	6.1E-08	3.5E-08	3.2E-08	1.5E-08	8.0E-10	1.9E-08	1.2E-08	1.1E-08	2.3E-09	4.5E-08
51	UCART3	478869.28	3732595.39	478869.28	1.12205	1.19939	0.35522	0.00105	0.00054	7.00E-05	1.16E-05	1.06E-06	2.18E-05	1.75E-05	9.00E-06	2.19E-06	6.31E-05	2.2E-08	6.6E-08	3.8E-08	3.5E-08	1.6E-08	8.6E-10	2.1E-08	1.3E-08	1.1E-08	2.5E-09	4.8E-08
52	UCART3	478919.28	3732595.39	478919.28	1.27527	1.36704	0.38127	0.00121	0.00059	7.00E-05	1.32E-05	1.21E-06	2.34E-05	2.02E-05	9.83E-06	2.19E-06	6.99E-05	2.4E-08	7.3E-08	4.2E-08	3.8E-08	1.7E-08	9.5E-10	2.3E-08	1.4E-08	1.3E-08	2.8E-09	5.3E-08
53	UCART3	478969.28	3732595.39	478969.28	1.39644	1.5037	0.39973	0.00138	0.00063	7.00E-05	1.44E-05	1.33E-06	2.45E-05	2.30E-05	1.05E-05	2.19E-06	7.59E-05	2.6E-08	7.9E-08	4.6E-08	4.2E-08	1.9E-08	1.0E-09	2.5E-08	1.5E-08	1.4E-08	3.0E-09	5.8E-08
54	UCART3	479019.28	3732595.39	479019.28	1.52475	1.64956	0.41824	0.00157	0.00068	7.00E-05	1.57E-05	1.46E-06	2.56E-05	2.62E-05	1.13E-05	2.19E-06	8.25E-05	2.9E-08	8.6E-08	5.0E-08	4.5E-08	2.1E-08	1.1E-09	2.7E-08	1.6E-08	1.5E-08	3.3E-09	6.3E-08
55	UCART3	479069.28	3732595.39	479069.28	1.64594	1.79163	0.43493	0.00178	0.00073	8.00E-05	1.70E-05	1.58E-06	2.66E-05	2.97E-05	1.22E-05	2.50E-06	8.95E-05	3.1E-08	9.4E-08	5.4E-08	4.9E-08	2.2E-08	1.2E-09	2.9E-08	1.8E-08	1.6E-08	3.5E-09	6.8E-08
56	UCART3	479119.28	3732595.39	479119.28	1.74785	1.91754	0.44827	0.002	0.0008	8.00E-05	1.80E-05	1.69E-06	2.75E-05	3.33E-05	1.33E-05	2.50E-06	9.63E-05	3.3E-08	1.0E-07	5.8E-08	5.3E-08	2.4E-08	1.3E-09	3.2E-08	1.9E-08	1.7E-08	3.8E-09	7.3E-08
57	UCART3	479169.28	3732595.39	479169.28	1.85303	2.03693	0.45963	0.00229	0.00083	8.00E-05	1.90E-05	1.79E-06	2.82E-05	3.68E-05	1.44E-05	2.50E-06	1.04E-04	3.6E-08	1.1E-07	6.3E-08	5.8E-08	2.6E-08	1.4E-09	3.4E-08	2.1E-08	1.9E-08	4.2E-09	7.9E-08
58	UCART3	478269.28	3732645.39	478269.28	0.55532	0.56883	0.24163	0.00027	0.00025	5.00E-05	5.73E-06	5.02E-07	1.48E-05	4.50E-06	4.17E-06	1.56E-06	3.13E-05	1.1E-08	3.3E-08	1.9E-08	1.7E-08	7.8E-09	4.3E-10	1.0E-08	6.2E-09	5.7E-09	1.2E-09	2.4E-08
59	UCART3	478319.28	3732645.39	478319.28	0.60478	0.61877	0.25404	0.0003	0.00027	5.00E-05	6.24E-06	5.46E-07	1.56E-05	5.00E-06	4.50E-06	1.56E-06	3.34E-05	1.2E-08	3.5E-08	2.0E-08	1.8E-08	8.4E-09	4.5E-10	1.1E-08	6.7E-09	6.0E-09	1.3E-09	2.5E-08
60	UCART3	478369.28	3732645.39	478369.28	0.6432	0.65951	0.26344	0.00033	0.00029	5.00E-05	6.63E-06	5.82E-07	1.61E-05	5.50E-06	4.83E-06	1.56E-06	3.52E-05	1.2E-08	3.7E-08	2.1E-08	1.9E-08	8.8E-09	4.8E-10	1.2E-08	7.0E-09	6.4E-09	1.4E-09	2.7E-08
61	UCART3	478419.28	3732645.39	478419.28	0.68622	0.70518	0.27352	0.00036	0.00032	6.00E-05	7.08E-06	6.22E-07	1.68E-05	6.00E-06	5.33E-06	1.87E-06	3.77E-05	1.3E-08	3.9E-08	2.3E-08	2.1E-08	9.4E-09	5.1E-10	1.2E-08	7.5E-09	6.8E-09	1.5E-09	2.9E-08
62	UCART3	478469.28	3732645.39	478469.28	0.74097	0.76184	0.28545	0.0004	0.00034	6.00E-05	7.64E-06	6.72E-07	1.75E-05	6.67E-06	5.67E-06	1.87E-06	4.00E-05	1.4E-08	4.2E-08	2.4E-08	2.2E-08	1.0E-08	5.4E-10	1.3E-08	8.0E-09	7.2E-09	1.6E-09	3.0E-08
63	UCART3	478519.28	3732645.39	478519.28	0.8393	0.85778	0.30393	0.00044	0.00037	6.00E-05	8.66E-06	7.57E-07	1.86E-05	7.33E-06	6.17E-06	1.87E-06	4.34E-05	1.5E-08	4.5E-08	2.6E-08	2.4E-08	1.1E-08	5.9E-10	1.4E-08	8.7E-09	7.9E-09	1.7E-09	3.3E-08
64	UCART3	478569.28	3732645.39	478569.28	0.90199	0.92996	0.31698	0.0005	0.0004	6.00E-05	9.30E-06	8.21E-07	1.94E-05	8.33E-06	6.67E-06	1.87E-06	4.64E-05	1.6E-08	4.9E-08	2.8E-08	2.5E-08	1.2E-08	6.3E-10	1.5E-08	9.3E-09	8.4E-09	1.8E-09	3.5E-08
65	UCART3	478619.28	3732645.39	478619.28	0.94285	0.97037	0.32439	0.00056	0.00043	6.00E-05	9.73E-06	8.57E-07	1.99E-05	9.33E-06	7.17E-06	1.87E-06	4.88E-05	1.7E-08	5.1E-08	3.0E-08	2.7E-08	1.2E-08	6.6E-10	1.6E-

132	UCART3	478819.28	3732795.39	478819.28	1.51745	1.64732	0.42514	0.00102	0.00072	7.00E-05	1.57E-05	1.45E-06	2.60E-05	1.70E-05	1.20E-05	2.19E-06	7.43E-05	2.6E-08	7.8E-08	4.5E-08	4.1E-08	1.9E-08	1.0E-09	2.4E-08	1.5E-08	1.3E-08	2.9E-09	5.7E-08
133	UCART3	478869.28	3732795.39	478869.28	1.67997	1.83838	0.44716	0.0012	0.00079	7.00E-05	1.73E-05	1.62E-06	2.74E-05	2.00E-05	1.32E-05	2.19E-06	8.17E-05	2.8E-08	8.5E-08	4.9E-08	4.5E-08	2.0E-08	1.1E-09	2.7E-08	1.6E-08	1.5E-08	3.2E-09	6.2E-08
134	UCART3	478919.28	3732795.39	478919.28	1.84875	2.04575	0.46741	0.00141	0.00086	7.00E-05	1.91E-05	1.81E-06	2.86E-05	2.35E-05	1.43E-05	2.19E-06	8.95E-05	3.1E-08	9.4E-08	5.4E-08	4.9E-08	2.2E-08	1.2E-09	2.9E-08	1.8E-08	1.6E-08	3.5E-09	6.8E-08
135	UCART3	478969.28	3732795.39	478969.28	2.0435	2.28566	0.48854	0.00169	0.00093	7.00E-05	2.11E-05	2.02E-06	2.99E-05	2.82E-05	1.55E-05	2.19E-06	9.89E-05	3.4E-08	1.0E-07	6.0E-08	5.4E-08	2.5E-08	1.3E-09	3.2E-08	2.0E-08	1.8E-08	3.9E-09	7.5E-08
136	UCART3	479019.28	3732795.39	479019.28	2.27325	2.56677	0.51111	0.00202	0.00101	7.00E-05	2.34E-05	2.27E-06	3.13E-05	3.37E-05	1.68E-05	2.19E-06	1.10E-04	3.8E-08	1.1E-07	6.6E-08	6.0E-08	2.7E-08	1.5E-09	3.6E-08	2.2E-08	2.0E-08	4.3E-09	8.4E-08
137	UCART3	479069.28	3732795.39	479069.28	2.54588	2.89582	0.53531	0.00243	0.00109	8.00E-05	2.63E-05	2.56E-06	3.28E-05	4.05E-05	1.82E-05	2.50E-06	1.23E-04	4.2E-08	1.3E-07	7.4E-08	6.7E-08	3.1E-08	1.7E-09	4.0E-08	2.5E-08	2.2E-08	4.8E-09	9.4E-08
138	UCART3	479119.28	3732795.39	479119.28	2.87688	3.3063	0.56269	0.00292	0.00119	8.00E-05	2.97E-05	2.92E-06	3.45E-05	4.87E-05	1.98E-05	2.50E-06	1.38E-04	4.8E-08	1.4E-07	8.4E-08	7.6E-08	3.5E-08	1.9E-09	4.5E-08	2.8E-08	2.5E-08	5.4E-09	1.1E-07
139	UCART3	479169.28	3732795.39	479169.28	3.26816	3.79883	0.59231	0.00353	0.00131	8.00E-05	3.37E-05	3.35E-06	3.63E-05	5.88E-05	2.18E-05	2.50E-06	1.57E-04	5.4E-08	1.6E-07	9.5E-08	8.6E-08	3.9E-08	2.1E-09	5.1E-08	3.1E-08	2.8E-08	6.2E-09	1.2E-07
140	UCART3	479219.28	3732795.39	479219.28	3.75678	4.45286	0.62898	0.0043	0.00148	8.00E-05	3.88E-05	3.93E-06	3.85E-05	7.17E-05	2.47E-05	2.50E-06	1.80E-04	6.2E-08	1.9E-07	1.1E-07	9.9E-08	4.5E-08	2.4E-09	5.9E-08	3.6E-08	3.3E-08	7.1E-09	1.4E-07
141	UCART3	479269.28	3732795.39	479269.28	4.28504	5.13825	0.66308	0.00535	0.00172	8.00E-05	4.42E-05	4.54E-06	4.06E-05	8.92E-05	2.87E-05	2.50E-06	2.10E-04	7.3E-08	2.2E-07	1.3E-07	1.2E-07	5.2E-08	2.9E-09	6.9E-08	4.2E-08	3.8E-08	8.3E-09	1.6E-07
142	UCART3	478269.28	3732845.39	478269.28	0.71045	0.73871	0.28342	0.00029	0.00026	5.00E-05	7.33E-06	6.52E-07	1.74E-05	4.83E-06	4.33E-06	1.56E-06	3.61E-05	1.2E-08	3.8E-08	2.2E-08	2.0E-08	9.0E-09	4.9E-10	1.2E-08	7.2E-09	6.5E-09	1.4E-09	2.7E-08
143	UCART3	478319.28	3732845.39	478319.28	0.74077	0.7601	0.28905	0.00032	0.00028	5.00E-05	7.64E-06	6.71E-07	1.77E-05	5.33E-06	4.67E-06	1.56E-06	3.76E-05	1.3E-08	3.9E-08	2.3E-08	2.1E-08	9.4E-09	5.1E-10	1.2E-08	7.5E-09	6.8E-09	1.5E-09	2.9E-08
144	UCART3	478369.28	3732845.39	478369.28	0.80441	0.84606	0.30587	0.00035	0.00031	5.00E-05	8.30E-06	7.47E-07	1.87E-05	5.83E-06	5.17E-06	1.56E-06	4.03E-05	1.4E-08	4.2E-08	2.4E-08	2.2E-08	1.0E-08	5.5E-10	1.3E-08	8.1E-09	7.3E-09	1.6E-09	3.1E-08
145	UCART3	478419.28	3732845.39	478419.28	0.8596	0.91236	0.31895	0.00038	0.00034	6.00E-05	8.87E-06	8.05E-07	1.95E-05	6.33E-06	5.67E-06	1.87E-06	4.31E-05	1.5E-08	4.5E-08	2.6E-08	2.4E-08	1.1E-08	5.9E-10	1.4E-08	8.6E-09	7.8E-09	1.7E-09	3.3E-08
146	UCART3	478469.28	3732845.39	478469.28	0.92007	0.98263	0.33231	0.00042	0.00037	6.00E-05	9.49E-06	8.67E-07	2.04E-05	7.00E-06	6.17E-06	1.87E-06	4.58E-05	1.6E-08	4.8E-08	2.8E-08	2.5E-08	1.1E-08	6.2E-10	1.5E-08	9.1E-09	8.3E-09	1.8E-09	3.5E-08
147	UCART3	478519.28	3732845.39	478519.28	0.97937	1.03747	0.3421	0.00046	0.00041	6.00E-05	1.01E-05	9.16E-07	2.10E-05	7.67E-06	6.83E-06	1.87E-06	4.83E-05	1.7E-08	5.1E-08	2.9E-08	2.7E-08	1.2E-08	6.6E-10	1.6E-08	9.7E-09	8.8E-09	1.9E-09	3.7E-08
148	UCART3	478569.28	3732845.39	478569.28	1.04508	1.09572	0.35366	0.00052	0.00045	6.00E-05	1.08E-05	9.67E-07	2.17E-05	8.67E-06	7.50E-06	1.87E-06	5.14E-05	1.8E-08	5.4E-08	3.1E-08	2.8E-08	1.3E-08	7.0E-10	1.7E-08	1.0E-08	9.3E-09	2.0E-09	3.9E-08
149	UCART3	478619.28	3732845.39	478619.28	1.12492	1.18553	0.36768	0.00058	0.0005	6.00E-05	1.16E-05	1.05E-06	2.25E-05	9.67E-06	8.33E-06	1.87E-06	5.50E-05	1.9E-08	5.8E-08	3.3E-08	3.0E-08	1.4E-08	7.5E-10	1.8E-08	1.1E-08	1.0E-08	2.2E-09	4.2E-08
150	UCART3	478669.28	3732845.39	478669.28	1.2129	1.28617	0.38204	0.00066	0.00056	6.00E-05	1.25E-05	1.14E-06	2.34E-05	1.10E-05	9.33E-06	1.87E-06	5.93E-05	2.1E-08	6.2E-08	3.6E-08	3.3E-08	1.5E-08	8.1E-10	1.9E-08	1.2E-08	1.1E-08	2.3E-09	4.5E-08
151	UCART3	478719.28	3732845.39	478719.28	1.31799	1.40801	0.39895	0.00075	0.00062	6.00E-05	1.36E-05	1.24E-06	2.44E-05	1.25E-05	1.03E-05	1.87E-06	6.40E-05	2.2E-08	6.7E-08	3.9E-08	3.5E-08	1.6E-08	8.7E-10	2.1E-08	1.3E-08	1.2E-08	2.5E-09	4.9E-08
152	UCART3	478769.28	3732845.39	478769.28	1.46211	1.57608	0.42351	0.00087	0.00069	6.00E-05	1.51E-05	1.39E-06	2.59E-05	1.45E-05	1.15E-05	1.87E-06	7.03E-05	2.4E-08	7.3E-08	4.3E-08	3.9E-08	1.8E-08	9.6E-10	2.3E-08	1.4E-08	1.3E-08	2.8E-09	5.4E-08
153	UCART3	478819.28	3732845.39	478819.28	1.61876	1.78999	0.44706	0.00181	0.00077	7.00E-05	1.67E-05	1.58E-06	2.74E-05	1.68E-05	1.28E-05	2.19E-06	7.75E-05	2.7E-08	8.1E-08	4.7E-08	4.3E-08	1.9E-08	1.1E-09	2.5E-08	1.5E-08	1.4E-08	3.1E-09	5.9E-08
154	UCART3	478869.28	3732845.39	478869.28	1.7875	1.99794	0.46899	0.00119	0.00085	7.00E-05	1.84E-05	1.76E-06	2.87E-05	1.98E-05	1.42E-05	2.19E-06	8.51E-05	2.9E-08	8.9E-08	5.1E-08	4.7E-08	2.1E-08	1.2E-09	2.8E-08	1.7E-08	1.5E-08	3.4E-09	6.5E-08
155	UCART3	478919.28	3732845.39	478919.28	1.96821	2.18656	0.48807	0.00142	0.00094	7.00E-05	2.03E-05	1.93E-06	2.99E-05	2.37E-05	1.57E-05	2.19E-06	9.36E-05	3.2E-08	9.8E-08	5.7E-08	5.1E-08	2.3E-08	1.3E-09	3.1E-08	1.9E-08	1.7E-08	3.7E-09	7.1E-08
156	UCART3	478969.28	3732845.39	478969.28	2.18273	2.45558	0.50878	0.00169	0.00103	7.00E-05	2.25E-05	2.17E-06	3.12E-05	2.82E-05	1.72E-05	2.19E-06	1.03E-04	3.6E-08	1.1E-07	6.3E-08	5.7E-08	2.6E-08	1.4E-09	3.4E-08	2.1E-08	1.9E-08	4.1E-09	7.9E-08
157	UCART3	479019.28	3732845.39	479019.28	2.44529	2.79522	0.53362	0.00205	0.00113	7.00E-05	2.52E-05	2.47E-06	3.27E-05	3.42E-05	1.88E-05	2.19E-06	1.16E-04	4.0E-08	1.2E-07	7.0E-08	6.3E-08	2.9E-08	1.6E-09	3.8E-08	2.3E-08	2.1E-08	4.6E-09	8.8E-08
158	UCART3	479069.28	3732845.39	479069.28	2.7569	3.19704	0.5593	0.00248	0.00122	7.00E-05	2.84E-05	2.82E-06	3.43E-05	4.13E-05	2.03E-05	2.19E-06	1.29E-04	4.5E-08	1.4E-07	7.8E-08	7.1E-08	3.2E-08	1.8E-09	4.2E-08	2.6E-08	2.3E-08	5.1E-09	9.9E-08
159	UCART3	479119.28	3732845.39	479119.28	3.14799	3.69672	0.58829	0.00303	0.00132	8.00E-05	3.25E-05	3.26E-06	3.60E-05	5.05E-05	2.20E-05	2.50E-06	1.47E-04	5.1E-08	1.5E-07	8.9E-08	8.1E-08	3.7E-08	2.0E-09	4.8E-08	2.9E-08	2.7E-08	5.8E-09	1.1E-07
160	UCART3	479169.28	3732845.39	479169.28	3.69401	4.44867	0.62893	0.00371	0.00146	8.00E-05	3.81E-05	3.93E-06	3.85E-05	6.18E-05	2.43E-05	2.50E-06	1.69E-04	5.9E-08	1.8E-07	1.0E-07	9.3E-08	4.2E-08	2.3E-09	5.6E-08	3.4E-08	3.1E-08	6.7E-09	1.3E-07
161	UCART3	479219.28	3732845.39	479219.28	4.35887	5.36367	0.67224	0.00462	0.00164	8.00E-05	4.50E-05	4.73E-06	4.12E-05	7.70E-05	2.73E-05	2.50E-06	1.98E-04	6.8E-08	2.1E-07	1.2E-07	1.1E-07	4.9E-08	2.7E-09	6.5E-08	3.9E-08	3.6E-08	7.8E-09	1.5E-07
162	UCART3	479269.28	3732845.39	479269.28	5.10298	6.40801	0.71228	0.00588	0.00191	8.00E-05	5.26E-05	5.66E-06	4.36E-05	9.80E-05	3.18E-05	2.50E-06	2.34E-04	8.1E-08	2.4E-07	1.4E-07	1.3E-07	5.9E-08	3.2E-09	7.7E-08	4.7E-08	4.2E-08	9.2E-09	1.8E-07
163	UCART3	478269.28	3732995.39	478269.28	0.75789	0.79904	0.32212	0.00031	0.00027	5.00E-05	7.82E-06	7.05E-07	1.97E-05	5.17E-06	4.50E-06	1.56E-06	3.95E-05	1.4E-08	4.1E-08	2.4E-08	2.2E-08	9.9E-09	5.4E-10	1.3E-08	7.9E-09	7.1E-09	1.6E-09	3.0E-08
164	UCART3	478319.28	3732995.39	478319.28	0.80163	0.843	0.32636	0.00034	0.00029	5.00E-05	8.27E-06	7.44E-07	2.00E-05	5.67E-06	4.83E-06	1.56E-06	4.11E-05	1.4E-08	4.3E-08	2.5E-08	2.3E-08	1.0E-08	5.6E-10	1.3E-08	8.2E-09	7.4E-09	1.6E-09	3.1E-08
165	UCART3	478369.28	3732995.39	478369.28	0.85448	0.9019	0.33862	0.00037	0.00031	6.00E-05	8.81E-06	7.96E-07	2.07E-05	6.17E-06	5.17E-06	1.87E-06	4.36E-05	1.5E-08	4.6E-08	2.6E-08	2.4E-08	1.1E-08	5.9E-10	1.4E-08	8.7E-09	7.9E-09	1.7E-09	3.3E-08
166	UCART3	478419.28	3732995.39	478419.28	0.91221	0.96717	0.34987	0.0004	0.00034	6.00E-05	9.41E-06	8.54E-07	2.14E-05	6.67E-06	5.67E-06	1.87E-06	4.59E-05	1.6E-08	4.8E-08	2.8E-08	2.5E-08	1.1E-08	6.2E-10	1.5E-08	9.2E-09	8.3E-09	1.8E-09	3.5E-08
167	UCART3	478469.28	3732995.39	478469.28	0.97409	1.03931	0.36113	0.00044	0.00037	6.00E-05	1.00E-05	9.17E-07	2.21E-05	7.33E-06	6.17E-06	1.87E-06	4.85E-05	1.7E-08	5.1E-08	2.9E-08	2.7E-08	1.2E-08	6.6E-10	1.6E-08	9.7E-09	8.8E-09	1.9E-09	3.7E-08
168	UCART3	478519.28	3732995.39	478519.28	1.04356	1.11973	0.37325	0.0005	0.00041	6.00E-05	1.08E-05	9.88E-07	2.29E-05	8.33E-06	6.83E-06	1.87E-06	5.17E-05	1.8E-08	5.4E-08	3.1E-08	2.8E-08	1.3E-08	7.0E-10	1.7E-08	1.0E-08	9.3E-09	2.0E-09	3.9E-08
169	UCART3	478569.28	3732995.39	478569.28	1.12645	1.2155	0.38939	0.00055	0.00046	6.00E-05	1.16E-05	1.07E-06	2.38E-05	9.17E-06	7.67E-06	1.87E-06	5.52E-05	1.9E-08	5.8E-08	3.3E-08	3.0E-08	1.4E-08	7.5E-10	1.8E-08	1.1E-08	1.0E-08	2.2E-09	4.2E-08
170	UCART3	478619.28	3732995.39	478619.28	1.22515	1.32967	0.41003	0.00063	0.00051	6.00E-05	1.26E-05	1.17E-06	2.51E-05	1.05E-05	8.50E-06	1.87E-06	5.98E-05	2.1E-08	6.3E-08	3.6E-08	3.3E-08	1.5E-08	8.1E-10	2.0E-08	1.2E-08	1.1E-08	2.4E-09	4.6E-08
171	UCART3	478669.28	3732995.39	478669.28	1.34037	1.46386	0.43373	0.00071	0.00058	6.00E-05	1.38E-05	1.29E-06	2.66E-05	1.18E-05	9.67E-06	1.87E-06	6.51E-05	2.3E-08	6.8E-08	3.9E-08	3.6E-08	1.6E-08	8.8E-10	2.1E-08	1.3E-08	1.2E-08	2.6E-09	5.0E-08
172	UCART3	478719.28	3732995.39	478719.28	1.4737	1.61931	0.46022	0.00081	0.00067	6.00E-05	1.52E-05	1.43E-06	2.82E-05	1.35E-05	1.12E-05	1.87E-06	7.14E-05	2.5E-08	7.5E-08	4.3E-08	3.9E-08	1.8E-08	9.7E-10	2.3E-08	1.4E-08	1.3E-08	2.8E-09	5.4E-08
173	UCART3	478969.28	3732995.39	478969.28	2.56546	3.00962	0.6017	0.00179	0.00134	7.00E-05	2.65E-05	2.66E-06	3.69E-05	2.98E-05	2.23E-05	2.19E-06	1.20E-04	4.2E-08	1.3E-07	7.3E-08	6.6E-08	3.0E-08	1.6E-09	4.0E-08	2.4E-08	2.2E-08	4.8E-09	9.2E-08
174	UCART3	479019.28	3732995.39	479019.28	2.94872	3.53429	0.63778	0.00215	0.00152	7.00E-05	3.04E-05	3.12E-06	3.91E-05	3.58E-05	2.53E-05	2.19E-06	1.36E-04	4.7E-08	1.4E-07	8.2E-08	7.5E-08	3.4E-08	1.8E-09	4.5E-08	2.7E-08	2.5E-08	5.4E-09	1.0E-07
175	UCART3	479069.28	3732995.39	479069.28	3.43395	4.22566	0.67448	0.00262	0.00171	8.00E-05	3.54E-05	3.73E-06	4.13E-05	4.37E-05	2.85E-05	2.50E-06	1.55E-04	5.4E-08	1.6E-07	9.4E-08	8.5E-08	3.9E-08	2.1E-09	5.1E-08	3.1E-08	2.8E-08	6.1E-09	1.2E-07
176	UCART3	479119.28	3732995.39	479119.28	4.09072	5.19715	0.72378	0.00327	0.00191	8.00E-05	4.22E-05	4.59E-06	4.43E-05	5.45E-05	3.18E-05	2.50E-06	1.80E-04	6.2E-08	1.9E-07	1.1E-07	9.9E-08	4.5E-08	2.4E-09	5.9E-08	3.6E-08	3.3E-08	7.1E-09	1.4E-07
177	UCART3	479169.28	3732995.39	479169.28	4.99521	6.60907	0.78141	0.00409	0.00212	8.00E-05	5.15E-05	5.83E-06	4.79E-05	6.82E-05	3.53E-05	2.50E-06	2.11E-04	7.3E-08	2.3E-07	1.3E-07	1.2E-07	5.4E-08	2.9E-09	6.9E-08	4.2E-08	3.8E-08	8.3E-09	1.6E-07
178	UCART3	479219.28	3732995.39	479219.28	6.29442	8.78021	0.84598	0.00519	0.00234	8.00E-05	6.49E-05	7.75E-06	5.18E-05	8.65E-05	3.90E-05	2.50E-06	2.52E-04	8.7E-08	2.6E-07	1.5E-07	1.4E-07	6.3E-08	3.4E-09	8.3E-08	5.0E-08	4.6E-08	1.0E-08	1.9E-07
179	UCART3	479269.28	3732995.39	479269.28	8.27089	12.38452	0.91486	0.00813	0.00265	8.00E-05	8.53E-05	1.09E-05	5.60E-05	1.35E-04	4.42E-05	2.50E-06	3.34E-04	1.2E-07	3.5E-07	2.0E-07	1.8E-07	8.4E-08	4.5E-09	1.1E-07	6.7E-08	6.1E-08	1.3E-08	2.5E-07
180	UCART3	478269.28	3733045.39	478269.28	0.7709	0.80437	0.32747	0.00031	0.00027	5.00E-05	7.95E-06	7.10E-07	2.01E-05	5.17E-06	4.50E-06	1.56E-06	3.99E-05	1.4E-08	4.2E-08	2.4E-08	2.2E-08	1.0E-08	5.4E-10	1.3E-08	8.0E-09	7.2E-09	1.6E-09	3.0E-08
181	UCART3	478319.28	3733045.39	478319.28	0.81049	0.85046	0.33622	0.00034	0.00029	5.00E-05	8.36E-06	7.51E-07	2.06E-05	5.67E-06	4.83E-06	1.56E-06	4.18E-05	1.4E-08	4.4E-08	2.5E-08	2.3E-08	1.0E-08	5.7E-10	1.4E-08	8.3E-09	7.6E-09	1.6E-09	3.2E-08
182	UCART3	478369.28	3733045.39	478369.28	0.86233	0.90844	0.34551	0.00037	0.00032	6.00E-05	8.90E-06	8.02E-07	2.12E-05	6.17E-06	5.33E-06	1.87E-06	4.42E-05	1.5E-08	4.6E-08	2.7E-08	2.4E-08	1.1E-08	6.0E-10	1.5E-08	8.8E-09	8.0E-09	1.7E-09	3.4E-08
183	UCART3	478419.28	3733045.39	478419.28	0.91986	0.97342	0.35479	0.00041	0.00034	6.00E-05	9.49E-06	8.59E-07	2.17E-05	6.83E-06	5.67E-06	1.87E-06	4.65E-05	1.6E-08	4.9E-08	2.8E-08	2.5E-08	1.2E-08	6.3E-10	1.5E-08	9.3E-09	8.4E-09	1.8E-09	3.5E-08
184	UCART3	478469.28	3733045.39	478469.28	0.98133	1.04534	0.3651	0.00045	0.00037	6.00E-05	1.01E-05	9.23E-07	2.24E-05	7.50E-06	6.17E-06	1.87E-06	4.89E-05	1.7E-08	5.1E-08	3.0E-08	2.7E-08	1.2E-08	6.7E-10	1.6E-08	9.8E-09	8.9E-09	1.9E-09	3.7E-08
185	UCART3	478519.28	3733045.39	478519.28	1.05278	1.12753	0.37812	0.0005	0.00041	6.00E-05	1.09E-05	9.95E-07	2.32E-05	8.33E-06	6.83E-06	1.87E-06	5.21E-05	1.8E-08	5.4E-08	3.1E-08	2.9E-08	1.3E-08	7.1E-10	1.7E-08	1.0E-08	9.4E-09	2.1E-09	4.0E-08
186	UCART3	478569.28	3733045.39	478569.28	1.13787	1.2253	0.39532	0.00056	0.00046	6.00E-05	1.17E-05	1.08E-06	2.42E-05	9.33E-06	7.67E-06	1.87E-06	5.59E-05	1.9E-08	5.8E-08	3.4E-08	3.1E-08	1.4E-08	7.6E-10	1.8E-08	1.1E-08	1.0E-08	2.2E-09	4.3E-08
187	UCART3	478619.28	3733045.39	478619.28	1.23924	1.34193	0.41712	0.00063	0.00051	6.00E-05	1.28E-05	1.18E-06	2.55E-05	1.05E-05	8.50E-06	1.87E-06	6.04E-05	2.1E-08	6.3E-08	3.7E-08	3.3E-08	1.5E-08	8.2E-10	2.0E-08	1.2E-08	1.1E-08	2.4E-09	4.6E-08
188	UCART3	478669.28	3733045.39	478669.28	1.35099	1.48013	0.44368	0.00077	0.00058	6.00E-05	1.40E-05	1.31E-06	2.72E-05	1.18E-05	9.67E-06	1.87E-06	6.59E-05	2.3E-08	6.9E-08	4.0E-08	3.6E-08	1.6E-08	9.0E-10	2.2E-08	1.3E-08	1.2E-08	2.6E-09	5.0E-08
189	UCART3	478719.28	3733045.39	478719.28	1.49506	1.6381	0.47165	0.00081	0.00066	6.00E-05	1.54E-05	1.45E-06	2.89E-05	1.35E-05	1.10E-05	1.87E-06	7.21E-05	2.5E-08	7.5E-08	4.4E-08	4.0E-08	1.8E-08	9.8E-10	2.4E-08	1.4E-08	1.3E-08	2.8E-09	5.5E-08
190	UCART3	478769.28	3733045.39	478769.28	1.6509	1.82453	0.50075	0.00094	0.00077	7.00E-05	1.70E-05	1.61E-06	3.07E-05	1.57E-05	1.28E-05	2.19E-06	8.00E-05	2.8E-08	8.4E-08	4.8E-08	4.4E-08	2.0E-08	1.1E-09	2.6E-08	1.6E-08	1.4E-08	3.2E-09	6.1E-08
191	UCART3	478819.28	3733045.39	478819.28	1.83504	2.04848	0.53288	0.00109	0.00089	7.00E-05	1.89E-05	1.81E-06	3.26E-05	1.82E-05	1.48E-05	2.19E-06	8.86E-05	3.1E-08	9.3E-08	5.4E-08	4.9E-08	2.2E-08	1.2E-09	2.9E-08	1.8E-08	1.6E-08	3.5E-09	6.8E-08
192	UCART3	478869.28	3733045.39	478969.28	2.6338	3.07588	0.62519	0.00179	0.0014	7.00E-05	2.72E-05	2.72E-06	3.83E-05	2.98E-05	2.33E-05	2.19E-06	1.24E-04	4.3E-08	1.3E-07	7.5E-08	6.8E-08	3.1E-08	1.7E-09	4.1E-08	2.5E-08	2.2E-08	4.9E-09	9.4E-08
193	UCART3	479019.28	3733045.39	479019.28	3.03747	3.62672	0.66283	0.00216	0.00163	7.00E-05	3.13E-05	3.20E-06	4.06E-05	3.60E-05	2.72E-05	2.19E-06	1.40E-04	4.9E-08	1.5E-07	8.5E-08	7.7E-08	3.5E-08	1.9E-09	4.6E-08	2.8E-08	2.5E-08	5.5E-09	1.1E-07
194	UCART3	479069.28	3733045.39	479069.28	3.55106	4.35987	0.70266	0.00265	0.00187	8.00E-05	3.66E-05	3.85E-06	4.30E-05	4.42E-05	3.12E-05	2.50E-06	1.61E-04	5.6E-08	1.7E-07	9.8E-08	8.8E-08	4.0E-08	2.2E-09	5.3E-08	3.2E-08	2.9E-08	6.4E-09	1.2E-07
195	UCART3	479119.28	3733045.39	479119.28	4.25224	5.39955	0.75558	0.00325	0.00212	8.00E-05	4.39E-05	4.77E-06	4.63E-05	5.42E-05	3.53E-05	2.50E-06	1.87E-04	6.5E-08	2.0E-07	1.1E-07	1.0E-07	4.7E-08	2.5E-09	6.1E-08	3.7E-08	3.4E-08	7.4E-09	1.4E-07
196	UCART3	479169.28	3733045.39	479169.28	5.23287	6.94396	0.81738	0.00412	0.00238	8.00E-05	5.40E-05	6.13E-06	5.01E-05	6.87E-05	3.97E-05	2.50E-06	2.21E-04	7.7E-08	2.3E-07	1.3E-07	1.2E-07	5.5E-08	3.0E-09	7.3E-08	4.4E-08	4.0E-08	8.7E-09	1.7E-07
197	UCART3	479219.28	3733045.39	479219.28	6.69027	9.42372	0.89147	0.00536	0.00264	8.00E-05	6.90E-05	8.32E-06	5.46E-05	8.93E-05	4.40E-05	2.50E-06	2.68E-04	9.3E-08	2.8E-07	1.6E-07	1.5E-07	6.7E-08	3.6E-09	8.8E-08	5.3E-08	4.8E-08	1.1E-08	2.0E-07
198	UCART3	479269.28	3733045.39	479269.28	9.03116	13.87141	0.97539	0.00883	0.

274	UCART3	478819.28	3733295.39	478819.28	1.84356	1.97999	0.59505	0.00094	0.00089	7.00E-05	1.90E-05	1.75E-06	3.64E-05	1.57E-05	1.48E-05	2.19E-06	8.99E-05	3.1E-08	9.4E-08	5.4E-08	4.9E-08	2.2E-08	1.2E-09	3.0E-08	1.8E-08	1.6E-08	3.5E-09	6.9E-08
275	UCART3	478869.28	3733295.39	478869.28	2.05429	2.21943	0.6467	0.00109	0.00104	7.00E-05	2.12E-05	1.96E-06	3.96E-05	1.82E-05	1.73E-05	2.19E-06	1.00E-04	3.5E-08	1.0E-07	6.1E-08	5.5E-08	2.5E-08	1.4E-09	3.3E-08	2.0E-08	1.8E-08	4.0E-09	7.7E-08
276	UCART3	478919.28	3733295.39	478919.28	2.3048	2.50583	0.71043	0.00128	0.00123	7.00E-05	2.38E-05	2.21E-06	4.35E-05	2.13E-05	2.05E-05	2.19E-06	1.14E-04	3.9E-08	1.2E-07	6.9E-08	6.2E-08	2.8E-08	1.5E-09	3.7E-08	2.3E-08	2.1E-08	4.5E-09	8.7E-08
277	UCART3	478969.28	3733295.39	478969.28	2.60776	2.85727	0.76223	0.00151	0.00144	8.00E-05	2.69E-05	2.52E-06	4.67E-05	2.52E-05	2.40E-05	2.50E-06	1.28E-04	4.4E-08	1.3E-07	7.7E-08	7.0E-08	3.2E-08	1.7E-09	4.2E-08	2.6E-08	2.3E-08	5.0E-09	9.7E-08
278	UCART3	479019.28	3733295.39	479019.28	2.97735	3.28959	0.82537	0.00184	0.0017	8.00E-05	3.07E-05	2.90E-06	5.06E-05	3.07E-05	2.83E-05	2.50E-06	1.46E-04	5.0E-08	1.5E-07	8.8E-08	8.0E-08	3.6E-08	2.0E-09	4.8E-08	2.9E-08	2.6E-08	5.8E-09	1.1E-07
279	UCART3	479069.28	3733295.39	479069.28	3.43533	3.83099	0.89501	0.00223	0.00202	8.00E-05	3.54E-05	3.38E-06	5.48E-05	3.72E-05	3.37E-05	2.50E-06	1.67E-04	5.8E-08	1.7E-07	1.0E-07	9.2E-08	4.2E-08	2.3E-09	5.5E-08	3.3E-08	3.0E-08	6.6E-09	1.3E-07
280	UCART3	479119.28	3733295.39	479119.28	4.01419	4.52605	0.95681	0.00272	0.00239	8.00E-05	4.14E-05	4.00E-06	5.86E-05	4.53E-05	3.98E-05	2.50E-06	1.92E-04	6.6E-08	2.0E-07	1.2E-07	1.1E-07	4.8E-08	2.6E-09	6.3E-08	3.8E-08	3.5E-08	7.6E-09	1.5E-07
281	UCART3	479169.28	3733295.39	479169.28	4.74709	5.40935	1.0473	0.00333	0.00285	8.00E-05	4.90E-05	4.77E-06	6.41E-05	5.55E-05	4.75E-05	2.50E-06	2.23E-04	7.7E-08	2.3E-07	1.4E-07	1.2E-07	5.6E-08	3.0E-09	7.3E-08	4.5E-08	4.0E-08	8.8E-09	1.7E-07
282	UCART3	479219.28	3733295.39	479219.28	5.68973	6.54761	1.15593	0.00409	0.0034	9.00E-05	5.87E-05	5.78E-06	7.08E-05	6.82E-05	5.67E-05	2.81E-06	2.63E-04	9.1E-08	2.7E-07	1.6E-07	1.4E-07	6.6E-08	3.6E-09	8.6E-08	5.2E-08	4.8E-08	1.0E-08	2.0E-07
283	UCART3	479269.28	3733295.39	479269.28	6.90942	7.99912	1.29313	0.00506	0.00414	9.00E-05	7.13E-05	7.06E-06	7.98E-05	8.43E-05	6.90E-05	2.81E-06	3.14E-04	1.1E-07	3.3E-07	1.9E-07	1.7E-07	7.9E-08	4.3E-09	1.0E-07	6.3E-08	5.7E-08	1.2E-08	2.4E-07
284	UCART3	478819.28	3733345.39	478819.28	1.80541	1.92563	0.59646	0.0009	0.00091	7.00E-05	1.86E-05	1.70E-06	3.65E-05	1.50E-05	1.52E-05	2.19E-06	8.92E-05	3.1E-08	9.3E-08	5.4E-08	4.9E-08	2.2E-08	1.2E-09	2.9E-08	1.8E-08	1.6E-08	3.5E-09	6.8E-08
285	UCART3	478869.28	3733345.39	478869.28	2.01133	2.14959	0.65126	0.00105	0.00106	7.00E-05	2.07E-05	1.90E-06	3.99E-05	1.75E-05	1.77E-05	2.19E-06	9.99E-05	3.5E-08	1.0E-07	6.0E-08	5.5E-08	2.5E-08	1.4E-09	3.3E-08	2.0E-08	1.8E-08	3.9E-09	7.6E-08
286	UCART3	478919.28	3733345.39	478919.28	2.24802	2.41137	0.72948	0.00123	0.00126	8.00E-05	2.32E-05	2.13E-06	4.47E-05	2.05E-05	2.10E-05	2.50E-06	1.14E-04	3.9E-08	1.2E-07	6.9E-08	6.3E-08	2.9E-08	1.6E-09	3.7E-08	2.3E-08	2.1E-08	4.5E-09	8.7E-08
287	UCART3	478969.28	3733345.39	478969.28	2.53301	2.73105	0.78451	0.00146	0.00148	8.00E-05	2.61E-05	2.41E-06	4.80E-05	2.43E-05	2.47E-05	2.50E-06	1.28E-04	4.4E-08	1.3E-07	7.8E-08	7.0E-08	3.2E-08	1.7E-09	4.2E-08	2.6E-08	2.3E-08	5.1E-09	9.8E-08
288	UCART3	479019.28	3733345.39	479019.28	2.8784	3.12002	0.84686	0.00175	0.00175	8.00E-05	2.97E-05	2.75E-06	5.19E-05	2.92E-05	2.92E-05	2.50E-06	1.45E-04	5.0E-08	1.5E-07	8.8E-08	8.0E-08	3.6E-08	2.0E-09	4.8E-08	2.9E-08	2.6E-08	5.7E-09	1.1E-07
289	UCART3	479069.28	3733345.39	479069.28	3.30231	3.59899	0.91669	0.0021	0.00209	8.00E-05	3.41E-05	3.18E-06	5.61E-05	3.50E-05	3.48E-05	2.50E-06	1.66E-04	5.7E-08	1.7E-07	1.0E-07	9.1E-08	4.1E-08	2.3E-09	5.4E-08	3.3E-08	3.0E-08	6.5E-09	1.3E-07
290	UCART3	479119.28	3733345.39	479119.28	3.83129	4.2014	0.975	0.00255	0.00248	8.00E-05	3.95E-05	3.71E-06	5.97E-05	4.25E-05	4.13E-05	2.50E-06	1.89E-04	6.6E-08	2.0E-07	1.1E-07	1.0E-07	4.7E-08	2.6E-09	6.2E-08	3.8E-08	3.4E-08	7.5E-09	1.4E-07
291	UCART3	479169.28	3733345.39	479169.28	4.49009	4.94308	1.06959	0.00306	0.00294	9.00E-05	4.63E-05	4.36E-06	6.55E-05	5.10E-05	4.90E-05	2.81E-06	2.19E-04	7.6E-08	2.3E-07	1.3E-07	1.2E-07	5.5E-08	3.0E-09	7.2E-08	4.4E-08	4.0E-08	8.6E-09	1.7E-07
292	UCART3	479219.28	3733345.39	479219.28	5.3251	5.86704	1.19193	0.00368	0.00351	9.00E-05	5.49E-05	5.18E-06	7.30E-05	6.13E-05	5.85E-05	2.81E-06	2.56E-04	8.9E-08	2.7E-07	1.5E-07	1.4E-07	6.4E-08	3.5E-09	8.4E-08	5.1E-08	4.6E-08	1.0E-08	1.9E-07
293	UCART3	479269.28	3733345.39	479269.28	6.39806	7.01679	1.33741	0.00444	0.00421	9.00E-05	6.60E-05	6.19E-06	8.19E-05	7.40E-05	7.02E-05	2.81E-06	3.01E-04	1.0E-07	3.1E-07	1.8E-07	1.7E-07	7.5E-08	4.1E-09	9.9E-08	6.0E-08	5.4E-08	1.2E-08	2.3E-07
294	UCART3	478819.28	3733395.39	478819.28	1.76928	1.8633	0.63348	0.00086	0.00094	7.00E-05	1.83E-05	1.64E-06	3.88E-05	1.43E-05	1.57E-05	2.19E-06	9.09E-05	3.1E-08	9.5E-08	5.5E-08	5.0E-08	2.3E-08	1.2E-09	3.0E-08	1.8E-08	1.6E-08	3.6E-09	6.9E-08
295	UCART3	478869.28	3733395.39	478869.28	1.95963	2.07034	0.69753	0.00101	0.00109	8.00E-05	2.02E-05	1.83E-06	4.14E-05	1.68E-05	1.82E-05	2.50E-06	1.01E-04	3.5E-08	1.1E-07	6.2E-08	5.5E-08	2.5E-08	1.4E-09	3.3E-08	2.0E-08	1.8E-08	4.0E-09	7.7E-08
296	UCART3	478919.28	3733395.39	478919.28	2.1815	2.31002	0.74357	0.00118	0.00128	8.00E-05	2.25E-05	2.04E-06	4.55E-05	1.97E-05	2.13E-05	2.50E-06	1.14E-04	3.9E-08	1.2E-07	6.9E-08	6.2E-08	2.8E-08	1.5E-09	3.7E-08	2.3E-08	2.1E-08	4.5E-09	8.7E-08
297	UCART3	478969.28	3733395.39	478969.28	2.4477	2.59927	0.79958	0.0014	0.00151	8.00E-05	2.52E-05	2.29E-06	4.90E-05	2.33E-05	2.52E-05	2.50E-06	1.28E-04	4.4E-08	1.3E-07	7.7E-08	7.0E-08	3.2E-08	1.7E-09	4.2E-08	2.5E-08	2.3E-08	5.0E-09	9.7E-08
298	UCART3	479019.28	3733395.39	479019.28	2.76778	2.94669	0.8624	0.00166	0.00179	8.00E-05	2.86E-05	2.60E-06	5.28E-05	2.77E-05	2.98E-05	2.50E-06	1.44E-04	5.0E-08	1.5E-07	8.7E-08	7.9E-08	3.6E-08	2.0E-09	4.7E-08	2.9E-08	2.6E-08	5.7E-09	1.1E-07
299	UCART3	479069.28	3733395.39	479069.28	3.1559	3.36587	0.93738	0.00196	0.00213	8.00E-05	3.26E-05	2.97E-06	5.74E-05	3.27E-05	3.55E-05	2.50E-06	1.64E-04	5.7E-08	1.7E-07	9.9E-08	9.0E-08	4.1E-08	2.2E-09	5.4E-08	3.3E-08	3.0E-08	6.5E-09	1.2E-07
300	UCART3	479119.28	3733395.39	479119.28	3.63764	3.88536	1.01087	0.00234	0.00256	8.00E-05	3.75E-05	3.43E-06	6.19E-05	3.90E-05	4.27E-05	2.50E-06	1.87E-04	6.5E-08	2.0E-07	1.1E-07	1.0E-07	4.7E-08	2.5E-09	6.1E-08	3.7E-08	3.4E-08	7.4E-09	1.4E-07
301	UCART3	479169.28	3733395.39	479169.28	4.23409	4.5159	1.10991	0.00276	0.00305	9.00E-05	4.37E-05	3.99E-06	6.80E-05	4.60E-05	5.08E-05	2.81E-06	2.15E-04	7.5E-08	2.3E-07	1.3E-07	1.2E-07	5.4E-08	2.9E-09	7.1E-08	4.3E-08	3.9E-08	8.5E-09	1.6E-07
302	UCART3	479219.28	3733395.39	479219.28	4.99144	5.29529	1.22849	0.00326	0.00366	9.00E-05	5.15E-05	4.67E-06	7.52E-05	5.43E-05	6.10E-05	2.81E-06	2.50E-04	8.6E-08	2.6E-07	1.5E-07	1.4E-07	6.2E-08	3.4E-09	8.2E-08	5.0E-08	4.5E-08	9.9E-09	1.9E-07
303	UCART3	479269.28	3733395.39	479269.28	5.97525	6.26268	1.38214	0.00388	0.00441	9.00E-05	6.16E-05	5.53E-06	8.47E-05	6.47E-05	7.35E-05	2.81E-06	2.93E-04	1.0E-07	3.1E-07	1.8E-07	1.6E-07	7.3E-08	4.0E-09	9.6E-08	5.8E-08	5.3E-08	1.2E-08	2.2E-07
304	UCART3	478919.28	3733445.39	478919.28	2.1088	2.2056	0.75147	0.00113	0.00124	8.00E-05	2.18E-05	1.95E-06	4.60E-05	1.88E-05	2.07E-05	2.50E-06	1.12E-04	3.9E-08	1.2E-07	6.8E-08	6.1E-08	2.8E-08	1.5E-09	3.7E-08	2.2E-08	2.0E-08	4.4E-09	8.5E-08
305	UCART3	478969.28	3733445.39	478969.28	2.35557	2.46594	0.80907	0.00133	0.00146	8.00E-05	2.43E-05	2.18E-06	4.96E-05	2.22E-05	2.43E-05	2.50E-06	1.25E-04	4.3E-08	1.3E-07	7.6E-08	6.9E-08	3.1E-08	1.7E-09	4.1E-08	2.5E-08	2.3E-08	4.9E-09	9.5E-08
306	UCART3	479019.28	3733445.39	479019.28	2.65	2.77468	0.87514	0.00155	0.00173	8.00E-05	2.73E-05	2.45E-06	5.36E-05	2.58E-05	2.88E-05	2.50E-06	1.41E-04	4.9E-08	1.5E-07	8.5E-08	7.7E-08	3.5E-08	1.9E-09	4.6E-08	2.8E-08	2.5E-08	5.5E-09	1.1E-07
307	UCART3	479069.28	3733445.39	479069.28	3.00466	3.14323	0.95213	0.00182	0.00205	8.00E-05	3.10E-05	2.77E-06	5.83E-05	3.03E-05	3.42E-05	2.50E-06	1.59E-04	5.5E-08	1.7E-07	9.6E-08	8.7E-08	4.0E-08	2.2E-09	5.2E-08	3.2E-08	2.9E-08	6.3E-09	1.2E-07
308	UCART3	479119.28	3733445.39	479119.28	3.44121	3.59177	1.02808	0.00213	0.00247	9.00E-05	3.55E-05	3.17E-06	6.30E-05	3.55E-05	4.12E-05	2.81E-06	1.81E-04	6.3E-08	1.9E-07	1.1E-07	9.9E-08	4.5E-08	2.5E-09	5.9E-08	3.6E-08	3.3E-08	7.1E-09	1.4E-07
309	UCART3	479169.28	3733445.39	479169.28	3.98269	4.13376	1.13309	0.00247	0.00295	9.00E-05	4.11E-05	3.65E-06	6.94E-05	4.12E-05	4.92E-05	2.81E-06	2.07E-04	7.2E-08	2.2E-07	1.3E-07	1.1E-07	5.2E-08	2.8E-09	6.8E-08	4.1E-08	3.8E-08	8.2E-09	1.6E-07
310	UCART3	479219.28	3733445.39	479219.28	4.67335	4.80115	1.25993	0.0029	0.00355	9.00E-05	4.82E-05	4.24E-06	7.72E-05	4.83E-05	5.92E-05	2.81E-06	2.40E-04	8.3E-08	2.5E-07	1.5E-07	1.3E-07	6.0E-08	3.3E-09	7.9E-08	4.8E-08	4.3E-08	9.5E-09	1.8E-07
311	UCART3	479269.28	3733445.39	479269.28	5.58664	5.64	1.42022	0.00342	0.00428	9.00E-05	5.76E-05	4.98E-06	8.70E-05	5.70E-05	7.13E-05	2.81E-06	2.81E-04	9.7E-08	2.9E-07	1.7E-07	1.5E-07	7.0E-08	3.8E-09	9.2E-08	5.6E-08	5.1E-08	1.1E-08	2.1E-07
312	UCART3	478919.28	3733495.39	478919.28	2.0276	2.09624	0.76095	0.00107	0.0012	8.00E-05	2.09E-05	1.85E-06	4.66E-05	1.78E-05	2.00E-05	2.50E-06	1.10E-04	3.8E-08	1.1E-07	6.6E-08	6.0E-08	2.7E-08	1.5E-09	3.6E-08	2.2E-08	2.0E-08	4.3E-09	8.4E-08
313	UCART3	478969.28	3733495.39	478969.28	2.25465	2.32932	0.81913	0.00124	0.0014	8.00E-05	2.33E-05	2.06E-06	5.02E-05	2.07E-05	2.33E-05	2.50E-06	1.22E-04	4.2E-08	1.3E-07	7.4E-08	6.7E-08	3.1E-08	1.7E-09	4.0E-08	2.4E-08	2.2E-08	4.8E-09	9.3E-08
314	UCART3	479019.28	3733495.39	479019.28	2.52374	2.6029	0.88461	0.00143	0.00165	8.00E-05	2.60E-05	2.30E-06	5.42E-05	2.38E-05	2.75E-05	2.50E-06	1.36E-04	4.7E-08	1.4E-07	8.2E-08	7.5E-08	3.4E-08	1.9E-09	4.5E-08	2.7E-08	2.5E-08	5.4E-09	1.0E-07
315	UCART3	479069.28	3733495.39	479069.28	2.84652	2.92661	0.96024	0.00166	0.00195	9.00E-05	2.94E-05	2.58E-06	5.88E-05	2.77E-05	3.25E-05	2.81E-06	1.54E-04	5.3E-08	1.6E-07	9.3E-08	8.4E-08	3.8E-08	2.1E-09	5.1E-08	3.1E-08	2.8E-08	6.1E-09	1.2E-07
316	UCART3	479119.28	3733495.39	479119.28	3.24065	3.31525	1.04094	0.00191	0.00234	9.00E-05	3.34E-05	2.93E-06	6.38E-05	3.18E-05	3.90E-05	2.81E-06	1.74E-04	6.0E-08	1.8E-07	1.1E-07	9.5E-08	4.3E-08	2.4E-09	5.7E-08	3.5E-08	3.1E-08	6.9E-09	1.3E-07
317	UCART3	479169.28	3733495.39	479169.28	3.72896	3.78176	1.14877	0.00222	0.00279	9.00E-05	3.85E-05	3.34E-06	7.04E-05	3.70E-05	4.65E-05	2.81E-06	1.98E-04	6.9E-08	2.1E-07	1.2E-07	1.1E-07	5.0E-08	2.7E-09	6.5E-08	4.0E-08	3.6E-08	7.8E-09	1.5E-07
318	UCART3	479219.28	3733495.39	479219.28	4.35253	4.35411	1.28013	0.00258	0.00335	9.00E-05	4.49E-05	3.84E-06	7.84E-05	4.30E-05	5.58E-05	2.81E-06	2.29E-04	7.9E-08	2.4E-07	1.4E-07	1.3E-07	5.7E-08	3.1E-09	7.5E-08	4.6E-08	4.1E-08	9.0E-09	1.7E-07
319	UCART3	479269.28	3733495.39	479269.28	5.18211	5.0777	1.44439	0.00303	0.00409	9.00E-05	5.35E-05	4.38E-06	8.85E-05	5.05E-05	6.82E-05	2.81E-06	2.68E-04	9.3E-08	2.8E-07	1.6E-07	1.5E-07	6.7E-08	3.6E-09	8.8E-08	5.3E-08	4.8E-08	1.1E-08	2.0E-07
320	UCART3	478869.28	3733545.39	478869.28	1.76028	1.80186	0.71468	0.00088	0.00097	8.00E-05	1.82E-05	1.59E-06	4.38E-05	1.47E-05	1.62E-05	2.50E-06	9.69E-05	3.4E-08	1.0E-07	5.9E-08	5.3E-08	2.4E-08	1.3E-09	3.2E-08	1.9E-08	1.8E-08	3.8E-09	7.4E-08
321	UCART3	478919.28	3733545.39	478919.28	1.94071	1.98487	0.76658	0.001	0.00113	8.00E-05	2.00E-05	1.75E-06	4.69E-05	1.67E-05	1.88E-05	2.50E-06	1.07E-04	3.7E-08	1.1E-07	6.5E-08	5.9E-08	2.7E-08	1.5E-09	3.5E-08	2.1E-08	1.9E-08	4.2E-09	8.1E-08
322	UCART3	478969.28	3733545.39	478969.28	2.14955	2.19445	0.8257	0.00115	0.00131	8.00E-05	2.22E-05	1.94E-06	5.06E-05	1.92E-05	2.18E-05	2.50E-06	1.18E-04	4.1E-08	1.2E-07	7.2E-08	6.5E-08	3.0E-08	1.6E-09	3.9E-08	2.4E-08	2.1E-08	4.7E-09	9.0E-08
323	UCART3	479019.28	3733545.39	479019.28	2.3937	2.436	0.89376	0.00132	0.00154	8.00E-05	2.47E-05	2.15E-06	5.47E-05	2.20E-05	2.57E-05	2.50E-06	1.32E-04	4.6E-08	1.4E-07	8.0E-08	7.2E-08	3.3E-08	1.8E-09	4.3E-08	2.6E-08	2.4E-08	5.2E-09	1.0E-07
324	UCART3	479069.28	3733545.39	479069.28	2.6847	2.7191	0.97019	0.0015	0.00182	9.00E-05	2.77E-05	2.40E-06	5.94E-05	2.50E-05	3.03E-05	2.81E-06	1.48E-04	5.1E-08	1.5E-07	8.9E-08	8.1E-08	3.7E-08	2.0E-09	4.9E-08	2.9E-08	2.7E-08	5.8E-09	1.1E-07
325	UCART3	479119.28	3733545.39	479119.28	3.0377	3.05568	1.05211	0.00172	0.00217	9.00E-05	3.13E-05	2.70E-06	6.44E-05	2.87E-05	3.62E-05	2.81E-06	1.66E-04	5.8E-08	1.7E-07	1.0E-07	9.1E-08	4.2E-08	2.3E-09	5.5E-08	3.3E-08	3.0E-08	6.6E-09	1.3E-07
326	UCART3	479169.28	3733545.39	479169.28	3.47101	3.454	1.16224	0.00199	0.00261	9.00E-05	3.58E-05	3.05E-06	7.12E-05	3.32E-05	4.35E-05	2.81E-06	1.90E-04	6.6E-08	2.0E-07	1.1E-07	1.0E-07	4.7E-08	2.6E-09	6.2E-08	3.8E-08	3.4E-08	7.5E-09	1.4E-07
327	UCART3	479219.28	3733545.39	479219.28	4.0202	3.9383	1.29487	0.0023	0.00317	9.00E-05	4.15E-05	3.48E-06	7.93E-05	3.83E-05	5.28E-05	2.81E-06	2.18E-04	7.6E-08	2.3E-07	1.3E-07	1.2E-07	5.5E-08	3.0E-09	7.2E-08	4.4E-08	4.0E-08	8.6E-09	1.7E-07
328	UCART3	479269.28	3733545.39	479269.28	4.74366	4.54569	1.46109	0.00269	0.0034	0.0001	4.89E-05	4.01E-06	8.95E-05	4.48E-05	6.57E-05	3.12E-06	2.56E-04	8.9E-08	2.7E-07	1.5E-07	1.4E-07	6.4E-08	3.5E-09	8.4E-08	5.1E-08	4.6E-08	1.0E-08	2.0E-07
329	UCART3	478719.28	3733595.39	478719.28	1.31594	1.33983	0.59173	0.00057	0.00063	8.00E-05	1.36E-05	1.18E-06	3.62E-05	9.50E-06	1.05E-05	2.50E-06	7.35E-05	2.5E-08	7.7E-08	4.4E-08	4.0E-08	1.8E-08	1.0E-09	2.4E-08	1.5E-08	1.3E-08	2.9E-09	5.6E-08
330	UCART3	478769.28	3733595.39	478769.28	1.4225	1.447	0.62795	0.00076	0.0007	8.00E-05	1.47E-05	1.28E-06	3.85E-05	1.08E-05	1.17E-05	2.50E-06	7.94E-05	2.7E-08	8.3E-08	4.8E-08	4.4E-08	2.0E-08	1.1E-09	2.6E-08	1.6E-08	1.4E-08	3.1E-09	6.1E-08
331	UCART3	478819.28	3733595.39	478819.28	1.54417	1.56895	0.66831	0.00073	0.00079	8.00E-05	1.59E-05	1.38E-06	4.09E-05	1.22E-05	1.32E-05	2.50E-06	8.61E-05	3.0E-08	9.0E-08	5.2E-08	4.7E-08	2.2E-08	1.2E-09	2.8E-08	1.7E-08	1.6E-08	3.4E-09	6.6E-08
332	UCART3	478869.28	3733595.39	478869.28	1.68446	1.70894	0.71378	0.00082	0.0009	8.00E-05	1.74E-05	1.51E-06	4.37E-05	1.37E-05	1.50E-05	2.50E-06	9.38E-05	3.2E-08	9.8E-08	5.7E-08	5.1E-08	2.3E-08	1.3E-09	3.1E-08	1.9E-08	1.7E-08	3.7E-09	7.1E-08
333	UCART3	478919.28	3733595.39	478919.28	1.85173	1.87574	0.76576	0.00094	0.00104	8.00E-05	1.91E-05	1.66E-06	4.69E-05	1.57E-05	1.73E-05	2.50E-06	1.03E-04	3.6E-08	1.1E-07	6.2E-08	5.7E-08	2.6E-08	1.4E-09	3.4E-08	2.1E-08	1.9E-08	4.1E-09	7.9E-08
334	UCART3	478969.28	3733595.39	478969.28	2.04214	2.06298	0.82468	0.00106	0.00121	8.00E-05	2.11E-05	1.82E-06	5.05E-05	1.77E-05	2.02E-05	2.50E-06	1.14E-04	3.9E-08	1.2E-07	6.9E-08	6.2E-08	2.8E-08	1.5E-09	3.7E-08	2.3E-08	2.1E-08	4.5E-09	8.7E-08
335	UCART3	479019.28	3733595.39	479019.28	2.26222	2.27569	0.89239	0.0012	0.00141	9.00E-05	2.33E-05	2.01E-06	5.47E-05	2.00E-05	2.35E-05	2.81E-06	1.26E-04	4.4E-08	1.3E-07	7.6E-08	6.9E-08	3.2E-08	1.7E-09	4.1E-08	2.5E-08	2.3E-08	5.0E-09	9.6E-08
336	UCART3	479069.28	3733595.39	479069.28	2.52198	2.52188	0.97106	0.00136	0.00168	9.00E-05	2.60E-05	2.23E-06	5.95E-05	2.27E-05	2.80E-05	2.81E-06	1.41E-04	4.9E-08	1.5E-07	8.5E-08	7.7E-08	3.5E-08	1.9E-09	4.6E-08	2.8E-08	2.6E-08	5.6E-09	1.1E-07
337	UCART3	479119.28	3733595.39	479119.28	2.83486	2.81147	1.05361	0.00155	0.00204	9.00E-05	2.92E-05	2.48E-06	6.45E-05	2.58E-05	3.40E-05	2.81E-06	1.59E-04	5.5E-08	1.7E-07	9.6E-08	8.7E-08	4.0E-08	2.2E-09	5.2E-08	3.2E-08	2.9E-08	6.3E-09	1.2E-07
338	UCART3	479169.28	3733595.39	479169.28	3.21325	3.14929	1.16226	0.00178	0.00249	9.00E-05	3.31E-05	2.78E-06	7.12E-05	2.97E-05	4.15E-05	2.81E-06	1.81E-04	6.3E-08	1.9E-07	1.1E-07	9.9E-08	4.5E-08	2.5E-09	5.9E-08	3.6E-08	3.3E-08	7.1E-09	1.4E-07
339	UCART3	479219.28	3733595.39	479219.28	3.68359	3.55176	1.29638	0.00205	0.00306	9.00E-05	3.80E-05	3.14E-06	7.94E-05	3.42E-05	5.10E-05	2.81E-06	2.09E-04	7.2E-08	2.2E-07	1.3E-07	1.1E-07	5.2E-08	2.8E-09	6.8E-08	4.2E-08	3.8E-08	8.2E-09	1.6E-07
340	UCART3	479269.28	3733595.39	479269.28	4.28768	4.04493	1.4595	0.00239	0.00383	0.0

416	UCART3	478269.28	3733845.39	478269.28	0.65848	0.65987	0.37647	0.00022	0.00024	7.00E-05	6.79E-06	5.82E-07	2.31E-05	3.67E-06	4.00E-06	2.19E-06	4.03E-05	1.4E-08	4.2E-08	2.4E-08	2.2E-08	1.0E-08	5.5E-10	1.3E-08	8.0E-09	7.3E-09	1.6E-09	3.1E-08
417	UCART3	478319.28	3733845.39	478319.28	0.69244	0.69372	0.39215	0.00024	0.00026	7.00E-05	7.14E-06	6.12E-07	2.40E-05	4.00E-06	4.33E-06	2.19E-06	4.23E-05	1.5E-08	4.4E-08	2.6E-08	2.3E-08	1.1E-08	5.8E-10	1.4E-08	8.4E-09	7.7E-09	1.7E-09	3.2E-08
418	UCART3	478369.28	3733845.39	478369.28	0.72913	0.73022	0.40899	0.00026	0.00028	7.00E-05	7.52E-06	6.45E-07	2.50E-05	4.33E-06	4.67E-06	2.19E-06	4.44E-05	1.5E-08	4.6E-08	2.7E-08	2.4E-08	1.1E-08	6.0E-10	1.5E-08	8.9E-09	8.0E-09	1.8E-09	3.4E-08
419	UCART3	478419.28	3733845.39	478419.28	0.76861	0.76933	0.42712	0.00027	0.0003	7.00E-05	7.93E-06	6.79E-07	2.62E-05	4.50E-06	5.00E-06	2.19E-06	4.65E-05	1.6E-08	4.9E-08	2.8E-08	2.5E-08	1.2E-08	6.3E-10	1.5E-08	9.3E-09	8.4E-09	1.8E-09	3.5E-08
420	UCART3	478469.28	3733845.39	478469.28	0.81123	0.8114	0.44671	0.0003	0.00032	7.00E-05	8.37E-06	7.16E-07	2.74E-05	5.00E-06	5.33E-06	2.19E-06	4.90E-05	1.7E-08	5.1E-08	3.0E-08	2.7E-08	1.2E-08	6.7E-10	1.6E-08	9.8E-09	8.9E-09	1.9E-09	3.7E-08
421	UCART3	478519.28	3733845.39	478519.28	0.85785	0.8573	0.46793	0.00032	0.00035	7.00E-05	8.85E-06	7.57E-07	2.87E-05	5.33E-06	5.83E-06	2.19E-06	5.16E-05	1.8E-08	5.4E-08	3.1E-08	2.8E-08	1.3E-08	7.0E-10	1.7E-08	1.0E-08	9.3E-09	2.0E-09	3.9E-08
422	UCART3	478569.28	3733845.39	478569.28	0.90839	0.90682	0.49098	0.00035	0.00038	7.00E-05	9.37E-06	8.00E-07	3.01E-05	5.83E-06	6.33E-06	2.19E-06	5.46E-05	1.9E-08	5.7E-08	3.3E-08	3.0E-08	1.4E-08	7.4E-10	1.8E-08	1.1E-08	9.9E-09	2.2E-09	4.2E-08
423	UCART3	478619.28	3733845.39	478619.28	0.96351	0.96059	0.5161	0.00038	0.00042	7.00E-05	9.94E-06	8.48E-07	3.16E-05	6.33E-06	7.00E-06	2.19E-06	5.79E-05	2.0E-08	6.1E-08	3.5E-08	3.2E-08	1.4E-08	7.9E-10	1.9E-08	1.2E-08	1.0E-08	2.3E-09	4.4E-08
424	UCART3	478669.28	3733845.39	478669.28	1.02311	1.0183	0.54355	0.00041	0.00047	7.00E-05	1.06E-05	8.99E-07	3.33E-05	6.83E-06	7.83E-06	2.19E-06	6.16E-05	2.1E-08	6.4E-08	3.7E-08	3.4E-08	1.5E-08	8.4E-10	2.0E-08	1.2E-08	1.1E-08	2.4E-09	4.7E-08
425	UCART3	478719.28	3733845.39	478719.28	1.08923	1.08215	0.57371	0.00044	0.00052	8.00E-05	1.12E-05	9.55E-07	3.51E-05	7.33E-06	8.67E-06	2.50E-06	6.58E-05	2.3E-08	6.9E-08	4.0E-08	3.6E-08	1.6E-08	9.0E-10	2.2E-08	1.3E-08	1.2E-08	2.6E-09	5.0E-08
426	UCART3	478769.28	3733845.39	478769.28	1.16117	1.15099	0.60693	0.00048	0.00059	8.00E-05	1.20E-05	1.02E-06	3.72E-05	8.00E-06	9.83E-06	2.50E-06	7.05E-05	2.4E-08	7.4E-08	4.3E-08	3.9E-08	1.8E-08	9.6E-10	2.3E-08	1.4E-08	1.3E-08	2.8E-09	5.4E-08
427	UCART3	478819.28	3733845.39	478819.28	1.24039	1.22621	0.6437	0.00052	0.00067	8.00E-05	1.28E-05	1.08E-06	3.94E-05	8.67E-06	1.12E-05	2.50E-06	7.56E-05	2.6E-08	7.9E-08	4.6E-08	4.1E-08	1.9E-08	1.0E-09	2.5E-08	1.5E-08	1.4E-08	3.0E-09	5.8E-08
428	UCART3	478869.28	3733845.39	478869.28	1.32668	1.30709	0.68455	0.00057	0.00077	8.00E-05	1.37E-05	1.15E-06	4.19E-05	9.50E-06	1.28E-05	2.50E-06	8.16E-05	2.8E-08	8.5E-08	4.9E-08	4.5E-08	2.0E-08	1.1E-09	2.7E-08	1.6E-08	1.5E-08	3.2E-09	6.2E-08
429	UCART3	478919.28	3733845.39	478919.28	1.42353	1.39707	0.73029	0.00062	0.00088	8.00E-05	1.47E-05	1.23E-06	4.47E-05	1.03E-05	1.47E-05	2.50E-06	8.81E-05	3.1E-08	9.2E-08	5.3E-08	4.8E-08	2.2E-08	1.2E-09	2.9E-08	1.8E-08	1.6E-08	3.5E-09	6.7E-08
430	UCART3	478969.28	3733845.39	478969.28	1.5292	1.49338	0.78167	0.00068	0.00101	8.00E-05	1.58E-05	1.32E-06	4.79E-05	1.13E-05	1.68E-05	2.50E-06	9.56E-05	3.3E-08	1.0E-07	5.8E-08	5.2E-08	2.4E-08	1.3E-09	3.1E-08	1.9E-08	1.7E-08	3.8E-09	7.3E-08
431	UCART3	479019.28	3733845.39	479019.28	1.64638	1.59819	0.83983	0.00075	0.00117	9.00E-05	1.70E-05	1.41E-06	5.14E-05	1.25E-05	1.95E-05	2.81E-06	1.05E-04	3.6E-08	1.1E-07	6.3E-08	5.7E-08	2.6E-08	1.4E-09	3.4E-08	2.1E-08	1.9E-08	4.1E-09	8.0E-08
432	UCART3	479069.28	3733845.39	479069.28	1.77573	1.71108	0.90611	0.00084	0.00136	9.00E-05	1.83E-05	1.51E-06	5.55E-05	1.40E-05	2.27E-05	2.81E-06	1.15E-04	4.0E-08	1.2E-07	6.9E-08	6.3E-08	2.9E-08	1.6E-09	3.8E-08	2.3E-08	2.1E-08	4.5E-09	8.8E-08
433	UCART3	479119.28	3733845.39	479119.28	1.91941	1.83314	0.9823	0.00095	0.00159	9.00E-05	1.98E-05	1.62E-06	6.02E-05	1.58E-05	2.65E-05	2.81E-06	1.27E-04	4.4E-08	1.3E-07	7.7E-08	7.0E-08	3.2E-08	1.7E-09	4.2E-08	2.5E-08	2.3E-08	5.0E-09	9.7E-08
434	UCART3	479169.28	3733845.39	479169.28	2.07785	1.96344	1.07064	0.00106	0.00186	9.00E-05	2.14E-05	1.73E-06	6.56E-05	1.77E-05	3.10E-05	2.81E-06	1.40E-04	4.9E-08	1.5E-07	8.5E-08	7.7E-08	3.5E-08	1.9E-09	4.6E-08	2.8E-08	2.5E-08	5.5E-09	1.1E-07
435	UCART3	479219.28	3733845.39	479219.28	2.2513	2.10114	1.17412	0.00118	0.00221	9.00E-05	2.32E-05	1.85E-06	7.19E-05	1.97E-05	3.68E-05	2.81E-06	1.56E-04	5.4E-08	1.6E-07	9.5E-08	8.6E-08	3.9E-08	2.1E-09	5.1E-08	3.1E-08	2.8E-08	6.2E-09	1.2E-07
436	UCART3	479269.28	3733845.39	479269.28	2.43805	2.24407	1.29676	0.00128	0.00265	0.0001	2.51E-05	1.98E-06	7.94E-05	2.13E-05	4.42E-05	3.12E-06	1.75E-04	6.1E-08	1.8E-07	1.1E-07	9.6E-08	4.4E-08	2.4E-09	5.8E-08	3.5E-08	3.2E-08	6.9E-09	1.3E-07
437	UCART3	479319.28	3733845.39	479319.28	0.70904	0.70821	0.44509	0.00032	0.00027	7.00E-05	7.31E-06	6.25E-07	2.49E-05	4.17E-06	4.50E-06	2.19E-06	4.37E-05	1.5E-08	4.6E-08	2.6E-08	2.4E-08	1.1E-08	5.9E-10	1.4E-08	8.7E-09	7.9E-09	1.7E-09	3.3E-08
438	UCART3	478419.28	3733895.39	478419.28	0.7467	0.74537	0.42399	0.00027	0.00029	7.00E-05	7.70E-06	6.58E-07	2.60E-05	4.50E-06	4.83E-06	2.19E-06	4.58E-05	1.6E-08	4.8E-08	2.8E-08	2.5E-08	1.1E-08	6.2E-10	1.5E-08	9.2E-09	8.3E-09	1.8E-09	3.5E-08
439	UCART3	478469.28	3733895.39	478469.28	0.78736	0.78536	0.44325	0.00029	0.00031	7.00E-05	8.12E-06	6.93E-07	2.71E-05	4.83E-06	5.17E-06	2.19E-06	4.81E-05	1.7E-08	5.0E-08	2.9E-08	2.6E-08	1.2E-08	6.5E-10	1.6E-08	9.6E-09	8.7E-09	1.9E-09	3.7E-08
440	UCART3	478519.28	3733895.39	478519.28	0.83099	0.82805	0.46403	0.00031	0.00034	7.00E-05	8.57E-06	7.31E-07	2.84E-05	5.17E-06	5.67E-06	2.19E-06	5.07E-05	1.8E-08	5.3E-08	3.1E-08	2.8E-08	1.3E-08	6.9E-10	1.7E-08	1.0E-08	9.2E-09	2.0E-09	3.9E-08
441	UCART3	478569.28	3733895.39	478569.28	0.878	0.8738	0.48656	0.00033	0.00037	7.00E-05	9.06E-06	7.71E-07	2.98E-05	5.50E-06	6.17E-06	2.19E-06	5.35E-05	1.9E-08	5.6E-08	3.2E-08	2.9E-08	1.3E-08	7.3E-10	1.8E-08	1.1E-08	9.7E-09	2.1E-09	4.1E-08
442	UCART3	478619.28	3733895.39	478619.28	0.9288	0.92297	0.51105	0.00036	0.00041	7.00E-05	9.58E-06	8.15E-07	3.13E-05	6.00E-06	6.83E-06	2.19E-06	5.67E-05	2.0E-08	5.9E-08	3.4E-08	3.1E-08	1.4E-08	7.7E-10	1.9E-08	1.1E-08	1.0E-08	2.2E-09	4.3E-08
443	UCART3	478669.28	3733895.39	478669.28	0.984	0.97611	0.53778	0.00038	0.00046	7.00E-05	1.02E-05	8.62E-07	3.29E-05	6.33E-06	7.67E-06	2.19E-06	6.01E-05	2.1E-08	6.3E-08	3.6E-08	3.3E-08	1.5E-08	8.2E-10	2.0E-08	1.2E-08	1.1E-08	2.4E-09	4.6E-08
444	UCART3	478719.28	3733895.39	478719.28	1.04468	1.03429	0.56708	0.00042	0.00051	8.00E-05	1.08E-05	9.13E-07	3.47E-05	7.00E-06	8.50E-06	2.50E-06	6.44E-05	2.2E-08	6.7E-08	3.9E-08	3.5E-08	1.6E-08	8.8E-10	2.1E-08	1.3E-08	1.2E-08	2.5E-09	4.9E-08
445	UCART3	478769.28	3733895.39	478769.28	1.11016	1.09648	0.59925	0.00045	0.00058	8.00E-05	1.15E-05	9.68E-07	3.67E-05	7.50E-06	9.67E-06	2.50E-06	6.88E-05	2.4E-08	7.2E-08	4.2E-08	3.8E-08	1.7E-08	9.4E-10	2.3E-08	1.4E-08	1.2E-08	2.7E-09	5.2E-08
446	UCART3	478819.28	3733895.39	478819.28	1.18168	1.16382	0.63474	0.00049	0.00065	8.00E-05	1.22E-05	1.03E-06	3.89E-05	8.17E-06	1.08E-05	2.50E-06	7.36E-05	2.5E-08	7.7E-08	4.5E-08	4.0E-08	1.8E-08	1.0E-09	2.4E-08	1.5E-08	1.3E-08	2.9E-09	5.6E-08
447	UCART3	478869.28	3733895.39	478869.28	1.25929	1.23599	0.67405	0.00053	0.00074	8.00E-05	1.30E-05	1.09E-06	4.13E-05	8.83E-06	1.23E-05	2.50E-06	7.90E-05	2.7E-08	8.3E-08	4.8E-08	4.3E-08	2.0E-08	1.1E-09	2.6E-08	1.6E-08	1.4E-08	3.1E-09	6.0E-08
448	UCART3	478919.28	3733895.39	478919.28	1.3455	1.31536	0.71789	0.00058	0.00084	8.00E-05	1.39E-05	1.16E-06	4.40E-05	9.67E-06	1.40E-05	2.50E-06	8.52E-05	2.9E-08	8.9E-08	5.2E-08	4.7E-08	2.1E-08	1.2E-09	2.8E-08	1.7E-08	1.5E-08	3.4E-09	6.5E-08
449	UCART3	478969.28	3733895.39	478969.28	1.43861	1.39944	0.7669	0.00063	0.00095	8.00E-05	1.48E-05	1.24E-06	4.70E-05	1.05E-05	1.58E-05	2.50E-06	9.19E-05	3.2E-08	9.6E-08	5.6E-08	5.0E-08	2.3E-08	1.2E-09	3.0E-08	1.8E-08	1.7E-08	3.6E-09	7.0E-08
450	UCART3	479019.28	3733895.39	479019.28	1.54062	1.48977	0.82207	0.0007	0.00109	8.00E-05	1.59E-05	1.32E-06	5.03E-05	1.17E-05	1.82E-05	2.50E-06	9.99E-05	3.5E-08	1.0E-07	6.0E-08	5.5E-08	2.5E-08	1.4E-09	3.3E-08	2.0E-08	1.8E-08	3.9E-09	7.6E-08
451	UCART3	479069.28	3733895.39	479069.28	1.65206	1.58614	0.88455	0.00078	0.00126	9.00E-05	1.70E-05	1.40E-06	5.42E-05	1.30E-05	2.10E-05	2.81E-06	1.09E-04	3.8E-08	1.1E-07	6.6E-08	6.0E-08	2.7E-08	1.5E-09	3.6E-08	2.2E-08	2.0E-08	4.3E-09	8.3E-08
452	UCART3	479119.28	3733895.39	479119.28	1.77412	1.68892	0.95583	0.00087	0.00146	9.00E-05	1.83E-05	1.49E-06	5.85E-05	1.45E-05	2.43E-05	2.81E-06	1.20E-04	4.2E-08	1.3E-07	7.3E-08	6.6E-08	3.0E-08	1.6E-09	3.9E-08	2.4E-08	2.2E-08	4.7E-09	9.1E-08
453	UCART3	479169.28	3733895.39	479169.28	1.90598	1.79637	1.0377	0.00096	0.00171	9.00E-05	1.97E-05	1.59E-06	6.36E-05	1.60E-05	2.85E-05	2.81E-06	1.32E-04	4.6E-08	1.4E-07	8.0E-08	7.2E-08	3.3E-08	1.8E-09	4.3E-08	2.6E-08	2.4E-08	5.2E-09	1.0E-07
454	UCART3	479219.28	3733895.39	479219.28	2.04739	1.90778	1.13253	0.00106	0.00202	9.00E-05	2.11E-05	1.68E-06	6.94E-05	1.77E-05	3.37E-05	2.81E-06	1.46E-04	5.1E-08	1.5E-07	8.9E-08	8.0E-08	3.7E-08	2.0E-09	4.8E-08	2.9E-08	2.6E-08	5.8E-09	1.1E-07
455	UCART3	479269.28	3733895.39	479269.28	2.19465	2.01949	1.24329	0.00114	0.0024	0.0001	2.26E-05	1.78E-06	7.61E-05	1.90E-05	4.00E-05	3.12E-06	1.63E-04	5.6E-08	1.7E-07	9.8E-08	8.9E-08	4.1E-08	2.2E-09	5.3E-08	3.2E-08	2.9E-08	6.4E-09	1.2E-07
456	UCART3	478569.28	3733945.39	478569.28	0.84688	0.84033	0.48143	0.00032	0.00037	7.00E-05	8.74E-06	7.42E-07	2.95E-05	5.33E-06	6.17E-06	2.19E-06	5.27E-05	1.8E-08	5.5E-08	3.2E-08	2.9E-08	1.3E-08	7.2E-10	1.7E-08	1.1E-08	9.5E-09	2.1E-09	4.0E-08
457	UCART3	478619.28	3733945.39	478619.28	0.89445	0.88621	0.50532	0.00034	0.0004	7.00E-05	9.23E-06	7.82E-07	3.09E-05	5.67E-06	6.67E-06	2.19E-06	5.55E-05	1.9E-08	5.8E-08	3.4E-08	3.0E-08	1.4E-08	7.5E-10	1.8E-08	1.1E-08	1.0E-08	2.2E-09	4.2E-08
458	UCART3	478669.28	3733945.39	478669.28	0.94587	0.93554	0.5313	0.00036	0.00045	7.00E-05	9.76E-06	8.26E-07	3.25E-05	6.00E-06	7.50E-06	2.19E-06	5.88E-05	2.0E-08	6.1E-08	3.6E-08	3.2E-08	1.5E-08	8.0E-10	1.9E-08	1.2E-08	1.1E-08	2.3E-09	4.5E-08
459	UCART3	478719.28	3733945.39	478719.28	1.00102	0.98801	0.55962	0.00039	0.0005	7.00E-05	1.03E-05	8.72E-07	3.43E-05	6.50E-06	8.33E-06	2.19E-06	6.25E-05	2.2E-08	6.5E-08	3.8E-08	3.4E-08	1.6E-08	8.5E-10	2.1E-08	1.2E-08	1.1E-08	2.5E-09	4.8E-08
460	UCART3	478769.28	3733945.39	478769.28	1.06063	1.04427	0.59066	0.00042	0.00056	8.00E-05	1.09E-05	9.22E-07	3.62E-05	7.00E-06	9.33E-06	2.50E-06	6.69E-05	2.3E-08	7.0E-08	4.0E-08	3.7E-08	1.7E-08	9.1E-10	2.2E-08	1.3E-08	1.2E-08	2.6E-09	5.1E-08
461	UCART3	478819.28	3733945.39	478819.28	1.12497	1.10438	0.62417	0.00045	0.00062	8.00E-05	1.16E-05	9.75E-07	3.83E-05	7.50E-06	1.03E-05	2.50E-06	7.12E-05	2.5E-08	7.4E-08	4.3E-08	3.9E-08	1.8E-08	9.7E-10	2.3E-08	1.4E-08	1.3E-08	2.8E-09	5.4E-08
462	UCART3	478869.28	3733945.39	478869.28	1.1951	1.16922	0.66245	0.00049	0.0007	8.00E-05	1.23E-05	1.03E-06	4.06E-05	8.17E-06	1.17E-05	2.50E-06	7.63E-05	2.6E-08	8.0E-08	4.6E-08	4.2E-08	1.9E-08	1.0E-09	2.5E-08	1.5E-08	1.4E-08	3.0E-09	5.8E-08
463	UCART3	478919.28	3733945.39	478919.28	1.27133	1.23878	0.70423	0.00054	0.00079	8.00E-05	1.31E-05	1.09E-06	4.31E-05	9.00E-06	1.32E-05	2.50E-06	8.20E-05	2.8E-08	8.6E-08	5.0E-08	4.5E-08	2.1E-08	1.1E-09	2.7E-08	1.6E-08	1.5E-08	3.2E-09	6.3E-08
464	UCART3	478969.28	3733945.39	478969.28	1.35352	1.31243	0.75074	0.00059	0.00089	8.00E-05	1.40E-05	1.16E-06	4.60E-05	9.83E-06	1.48E-05	2.50E-06	8.83E-05	3.1E-08	9.2E-08	5.3E-08	4.8E-08	2.2E-08	1.2E-09	2.9E-08	1.8E-08	1.6E-08	3.5E-09	6.7E-08
465	UCART3	479019.28	3733945.39	479019.28	1.442	1.39005	0.80275	0.00065	0.00102	8.00E-05	1.49E-05	1.23E-06	4.92E-05	1.08E-05	1.70E-05	2.50E-06	9.56E-05	3.3E-08	1.0E-07	5.8E-08	5.2E-08	2.4E-08	1.3E-09	3.1E-08	1.9E-08	1.7E-08	3.8E-09	7.3E-08
466	UCART3	479069.28	3733945.39	479069.28	1.53795	1.47233	0.86129	0.00071	0.00117	9.00E-05	1.59E-05	1.30E-06	5.28E-05	1.18E-05	1.95E-05	2.81E-06	1.04E-04	3.6E-08	1.1E-07	6.3E-08	5.7E-08	2.6E-08	1.4E-09	3.4E-08	2.1E-08	1.9E-08	4.1E-09	7.9E-08
467	UCART3	479119.28	3733945.39	479119.28	1.6414	1.55868	0.92752	0.00079	0.00134	9.00E-05	1.69E-05	1.38E-06	5.68E-05	1.32E-05	2.23E-05	2.81E-06	1.13E-04	3.9E-08	1.2E-07	6.9E-08	6.2E-08	2.8E-08	1.5E-09	3.7E-08	2.3E-08	2.1E-08	4.5E-09	8.6E-08
468	UCART3	479169.28	3733945.39	479169.28	1.75161	1.64784	1.00288	0.00088	0.00156	9.00E-05	1.81E-05	1.45E-06	6.14E-05	1.47E-05	2.60E-05	2.81E-06	1.24E-04	4.3E-08	1.3E-07	7.5E-08	6.8E-08	3.1E-08	1.7E-09	4.1E-08	2.5E-08	2.3E-08	4.9E-09	9.5E-08
469	UCART3	479219.28	3733945.39	479219.28	1.86696	1.73798	1.08912	0.00095	0.00183	9.00E-05	1.93E-05	1.53E-06	6.67E-05	1.58E-05	3.05E-05	2.81E-06	1.37E-04	4.7E-08	1.4E-07	8.3E-08	7.5E-08	3.4E-08	1.9E-09	4.5E-08	2.7E-08	2.5E-08	5.4E-09	1.0E-07
470	UCART3	479269.28	3733945.39	479269.28	1.98462	1.82672	1.18839	0.00102	0.00216	9.00E-05	2.05E-05	1.61E-06	7.28E-05	1.70E-05	3.60E-05	2.81E-06	1.51E-04	5.2E-08	1.6E-07	9.1E-08	8.3E-08	3.8E-08	2.0E-09	4.9E-08	3.0E-08	2.7E-08	5.9E-09	1.1E-07
471	UCART3	478719.28	3733995.39	478719.28	0.95803	0.94295	0.55139	0.00037	0.00048	7.00E-05	9.88E-06	8.32E-07	3.38E-05	6.17E-06	8.00E-06	2.19E-06	6.08E-05	2.1E-08	6.4E-08	3.7E-08	3.3E-08	1.5E-08	8.3E-10	2.0E-08	1.2E-08	1.1E-08	2.4E-09	4.6E-08
472	UCART3	478769.28	3733995.39	478769.28	1.01261	0.99424	0.58126	0.0004	0.00054	7.00E-05	1.04E-05	8.78E-07	3.56E-05	6.67E-06	9.00E-06	2.19E-06	6.48E-05	2.2E-08	6.8E-08	3.9E-08	3.6E-08	1.6E-08	8.8E-10	2.1E-08	1.3E-08	1.2E-08	2.6E-09	4.9E-08
473	UCART3	478819.28	3733995.39	478819.28	1.07088	1.04838	0.61395	0.00043	0.00059	8.00E-05	1.10E-05	9.25E-07	3.76E-05	7.17E-06	9.83E-06	2.50E-06	6.91E-05	2.4E-08	7.2E-08	4.2E-08	3.8E-08	1.7E-08	9.4E-10	2.3E-08	1.4E-08	1.3E-08	2.7E-09	5.3E-08
474	UCART3	478869.28	3733995.39	478869.28	1.13389	1.1063	0.64991	0.00046	0.00066	8.00E-05	1.17E-05	9.77E-07	3.98E-05	7.67E-06	1.10E-05	2.50E-06	7.36E-05	2.5E-08	7.7E-08	4.5E-08	4.0E-08	1.8E-08	1.0E-09	2.4E-08	1.5E-08	1.3E-08	2.9E-09	5.6E-08
475	UCART3	478919.28	3733995.39	478919.28	1.20126	1.16726	0.68956	0.0005	0.00074	8.00E-05	1.24E-05	1.03E-06	4.22E-05	8.33E-06	1.23E-05	2.50E-06	7.88E-05	2.7E-08	8.2E-08	4.8E-08	4.3E-08	2.0E-08	1.1E-09	2.6E-08	1.6E-08	1.4E-08	3.1E-09	6.0E-08
476	UCART3	478969.28	3733995.39	478969.28	1.27392	1.23199	0.7335	0.00055	0.00084	8.00E-05	1.31E-05	1.09E-06	4.49E-05	9.17E-06	1.40E-05	2.50E-06	8.48E-05	2.9E-08	8.9E-08	5.1E-08	4.7E-08	2.1E-08	1.2E-09	2.8E-08	1.7E-08	1.5E-08	3.3E-09	6.5E-08
477	UCART3	479019.28	3733995.39	479019.28	1.35066	1.29872	0.7823	0.0006	0.00095	8.00E-05	1.39E-05	1.15E-06	4.79E-05	1.00E-05	1.58E-05	2.50E-06	9.13E-05	3.2E-08	9.5E-08	5.5E-08	5.0E-08	2.3E-08	1.2E-09	3.0E-08	1.8E-08	1.7E-08	3.6E-09	7.0E-08
478	UCART3	479069.28	3733995.39	479069.28	1.43373	1.3695	0.83689	0.00066	0.00108	8.00E-05	1.48E-05	1.21E-06	5.13E-05	1.10E-05	1.80E-05	2.50E-06	9.88E-05	3.4E-08	1.0E-07	6.0E-08	5.4E-08	2.5E-08	1.3E-09	3.2E-08	2.0E-08	1.8E-08	3.9E-09	7.5E-08
479	UCART3	479119.28	3733995.39	479119.28	1.52169	1.44236	0.89812	0.00073	0.00123	9.00E-05	1.57E-05	1.27E-06	5.50E-05	1.22E-05	2.05E-05	2.81E-06	1.07E-04	3.7E-08	1.1E-07	6.5E-08	5.9E-08	2.7E-08	1.5E-09	3.5E-08	2.1E-08	1.9E-08	4.2E-09	8.2E-08
480	UCART3	479169.28	3733995.39	479169.28	1.61403	1.51653	0.9671	0.0008	0.00143	9.00E-05	1.66E-05	1.34E-06	5.92E-05	1.33E-05	2.38E-05	2.81E-06	1.17E-04	4.1E-08	1.2E-07	7.1E-08	6.4E-08	2.9E-08	1.6E-09	3.8E-08	2.3E-08	2.1E-08	4.6E-09	8.9E-08
481	UCART3	479219.28	3733995.39	479219.28	1.70917	1.59048	1.04514	0.00086	0.00166	9.00E-05	1.76E-05	1.40E-06	6.40E-05	1.43E-05	2.77E-05	2.81E-06	1.28E-04	4.4E-08	1.3E-07	7.7E-08	7.0E-08	3.2E-08	1.7E-09	4.2E-08	2.6E-08	2.3E-08	5.0E-09	9.7E-08
482	UCART3	479269.28	3733995.39	479269.28	1.80353	1.66118	1.13368	0.00092	0.00193	9

558	UCART4	482161.01	3732099.83	482161.01	0.40615	0.42155	0.53636	9.00E-05	0.00011	0.00105	4.19E-06	3.72E-07	3.28E-05	1.50E-06	1.83E-06	3.28E-05	7.36E-05	2.5E-08	7.7E-08	4.5E-08	4.0E-08	1.8E-08	1.0E-09	2.4E-08	1.5E-08	1.3E-08	2.9E-09	5.6E-08
559	UCART4	482211.01	3732099.83	482211.01	0.39918	0.41518	0.52721	8.00E-05	0.00011	0.00104	4.12E-06	3.66E-07	3.23E-05	1.33E-06	1.83E-06	3.25E-05	7.24E-05	2.5E-08	7.6E-08	4.4E-08	4.0E-08	1.8E-08	9.9E-10	2.4E-08	1.4E-08	1.3E-08	2.9E-09	5.5E-08
560	UCART4	482261.01	3732099.83	482261.01	0.39198	0.40851	0.51782	8.00E-05	0.0001	0.00103	4.04E-06	3.61E-07	3.17E-05	1.33E-06	1.67E-06	3.22E-05	7.13E-05	2.5E-08	7.5E-08	4.3E-08	3.9E-08	1.8E-08	9.7E-10	2.3E-08	1.4E-08	1.3E-08	2.8E-09	5.4E-08
561	UCART4	482311.01	3732099.83	482311.01	0.38453	0.40152	0.50819	8.00E-05	0.0001	0.001	3.97E-06	3.54E-07	3.11E-05	1.33E-06	1.67E-06	3.12E-05	6.97E-05	2.4E-08	7.3E-08	4.2E-08	3.8E-08	1.7E-08	9.5E-10	2.3E-08	1.4E-08	1.3E-08	2.8E-09	5.3E-08
562	UCART4	482361.01	3732099.83	482361.01	0.3768	0.39418	0.49829	8.00E-05	0.0001	0.00097	3.89E-06	3.48E-07	3.05E-05	1.33E-06	1.67E-06	3.03E-05	6.81E-05	2.4E-08	7.1E-08	4.1E-08	3.7E-08	1.7E-08	9.3E-10	2.2E-08	1.4E-08	1.2E-08	2.7E-09	5.2E-08
563	UCART4	482411.01	3732099.83	482411.01	0.36881	0.3865	0.48818	7.00E-05	9.00E-05	0.00093	3.80E-06	3.41E-07	2.99E-05	1.17E-06	1.50E-06	2.91E-05	6.58E-05	2.3E-08	6.9E-08	4.0E-08	3.6E-08	1.6E-08	8.9E-10	2.2E-08	1.3E-08	1.2E-08	2.6E-09	5.0E-08
564	UCART4	481711.01	3732149.83	481711.01	0.47891	0.48767	0.63078	0.00013	0.00018	0.00079	4.94E-06	4.30E-07	3.86E-05	2.17E-06	3.00E-06	2.47E-05	7.39E-05	2.6E-08	7.7E-08	4.5E-08	4.1E-08	1.8E-08	1.0E-09	2.4E-08	1.5E-08	1.3E-08	2.9E-09	5.6E-08
565	UCART4	481761.01	3732149.83	481761.01	0.47235	0.48218	0.62391	0.00012	0.00017	0.00085	4.87E-06	4.26E-07	3.82E-05	2.00E-06	2.83E-06	2.66E-05	7.49E-05	2.6E-08	7.8E-08	4.5E-08	4.1E-08	1.9E-08	1.0E-09	2.5E-08	1.5E-08	1.4E-08	3.0E-09	5.7E-08
566	UCART4	481811.01	3732149.83	481811.01	0.46592	0.47678	0.61671	0.00012	0.00016	0.00091	4.81E-06	4.21E-07	3.78E-05	2.00E-06	2.67E-06	2.84E-05	7.61E-05	2.6E-08	8.0E-08	4.6E-08	4.2E-08	1.9E-08	1.0E-09	2.5E-08	1.5E-08	1.4E-08	3.0E-09	5.8E-08
567	UCART4	481861.01	3732149.83	481861.01	0.45956	0.47141	0.60916	0.00011	0.00015	0.00096	4.74E-06	4.16E-07	3.73E-05	1.83E-06	2.50E-06	3.00E-05	7.68E-05	2.7E-08	8.0E-08	4.6E-08	4.2E-08	1.9E-08	1.0E-09	2.5E-08	1.5E-08	1.4E-08	3.0E-09	5.9E-08
568	UCART4	481911.01	3732149.83	481911.01	0.45321	0.46601	0.60123	0.0001	0.00014	0.00101	4.67E-06	4.11E-07	3.68E-05	1.67E-06	2.33E-06	3.16E-05	7.75E-05	2.7E-08	8.1E-08	4.7E-08	4.2E-08	1.9E-08	1.1E-09	2.5E-08	1.5E-08	1.4E-08	3.1E-09	5.9E-08
569	UCART4	481961.01	3732149.83	481961.01	0.44682	0.46053	0.59291	0.0001	0.00014	0.00105	4.61E-06	4.07E-07	3.63E-05	1.67E-06	2.33E-06	3.28E-05	7.81E-05	2.7E-08	8.2E-08	4.7E-08	4.3E-08	2.0E-08	1.1E-09	2.6E-08	1.6E-08	1.4E-08	3.1E-09	6.0E-08
570	UCART4	482011.01	3732149.83	482011.01	0.44032	0.45489	0.58424	0.0001	0.00013	0.00109	4.54E-06	4.02E-07	3.58E-05	1.67E-06	2.17E-06	3.41E-05	7.86E-05	2.7E-08	8.2E-08	4.8E-08	4.3E-08	2.0E-08	1.1E-09	2.6E-08	1.6E-08	1.4E-08	3.1E-09	6.0E-08
571	UCART4	482061.01	3732149.83	482061.01	0.43366	0.44903	0.57522	9.00E-05	0.00012	0.00111	4.47E-06	3.96E-07	3.52E-05	1.50E-06	2.00E-06	3.47E-05	7.83E-05	2.7E-08	8.2E-08	4.7E-08	4.3E-08	2.0E-08	1.1E-09	2.6E-08	1.6E-08	1.4E-08	3.1E-09	6.0E-08
572	UCART4	482111.01	3732149.83	482111.01	0.4268	0.44292	0.57128	9.00E-05	0.00012	0.00112	4.40E-06	3.91E-07	3.50E-05	1.50E-06	2.00E-06	3.50E-05	7.83E-05	2.7E-08	8.2E-08	4.7E-08	4.3E-08	2.0E-08	1.1E-09	2.6E-08	1.6E-08	1.4E-08	3.1E-09	6.0E-08
573	UCART4	482161.01	3732149.83	482161.01	0.4197	0.43653	0.55638	9.00E-05	0.00011	0.00112	4.33E-06	3.85E-07	3.41E-05	1.50E-06	1.83E-06	3.50E-05	7.71E-05	2.7E-08	8.1E-08	4.7E-08	4.2E-08	1.9E-08	1.0E-09	2.5E-08	1.5E-08	1.4E-08	3.0E-09	5.9E-08
574	UCART4	482211.01	3732149.83	482211.01	0.41234	0.42979	0.54655	8.00E-05	0.00011	0.00111	4.25E-06	3.79E-07	3.35E-05	1.33E-06	1.83E-06	3.47E-05	7.60E-05	2.6E-08	7.9E-08	4.6E-08	4.2E-08	1.9E-08	1.0E-09	2.5E-08	1.5E-08	1.4E-08	3.0E-09	5.8E-08
575	UCART4	482261.01	3732149.83	482261.01	0.40468	0.42269	0.53647	8.00E-05	0.0001	0.00109	4.17E-06	3.73E-07	3.29E-05	1.33E-06	1.67E-06	3.41E-05	7.45E-05	2.6E-08	7.8E-08	4.5E-08	4.1E-08	1.9E-08	1.0E-09	2.4E-08	1.5E-08	1.3E-08	2.9E-09	5.7E-08
576	UCART4	482311.01	3732149.83	482311.01	0.39671	0.4152	0.52611	8.00E-05	0.0001	0.00106	4.09E-06	3.67E-07	3.22E-05	1.33E-06	1.67E-06	3.31E-05	7.28E-05	2.5E-08	7.6E-08	4.4E-08	4.0E-08	1.8E-08	9.9E-10	2.4E-08	1.5E-08	1.3E-08	2.9E-09	5.5E-08
577	UCART4	482361.01	3732149.83	482361.01	0.3884	0.40729	0.51544	7.00E-05	9.00E-05	0.00102	4.01E-06	3.60E-07	3.16E-05	1.17E-06	1.50E-06	3.19E-05	7.05E-05	2.4E-08	7.4E-08	4.3E-08	3.9E-08	1.8E-08	9.6E-10	2.3E-08	1.4E-08	1.3E-08	2.8E-09	5.4E-08
578	UCART4	482411.01	3732149.83	482411.01	0.37979	0.39897	0.50458	7.00E-05	9.00E-05	0.00098	3.92E-06	3.52E-07	3.09E-05	1.17E-06	1.50E-06	3.06E-05	6.85E-05	2.4E-08	7.2E-08	4.1E-08	3.8E-08	1.7E-08	9.3E-10	2.2E-08	1.4E-08	1.2E-08	2.7E-09	5.2E-08
579	UCART4	481711.01	3732199.83	481711.01	0.49494	0.50467	0.65756	0.00013	0.00017	0.00085	5.11E-06	4.45E-07	4.03E-05	2.00E-06	2.83E-06	2.66E-05	7.72E-05	2.7E-08	8.1E-08	4.7E-08	4.3E-08	1.9E-08	1.1E-09	2.5E-08	1.5E-08	1.4E-08	3.0E-09	5.9E-08
580	UCART4	481761.01	3732199.83	481761.01	0.4884	0.49928	0.65021	0.00012	0.00016	0.00091	5.04E-06	4.41E-07	3.98E-05	2.00E-06	2.67E-06	2.84E-05	7.84E-05	2.7E-08	8.2E-08	4.7E-08	4.3E-08	2.0E-08	1.1E-09	2.6E-08	1.6E-08	1.4E-08	3.1E-09	6.0E-08
581	UCART4	481811.01	3732199.83	481811.01	0.48196	0.49395	0.64247	0.00011	0.00015	0.00098	4.97E-06	4.36E-07	3.93E-05	1.83E-06	2.50E-06	3.06E-05	7.97E-05	2.8E-08	8.3E-08	4.8E-08	4.4E-08	2.0E-08	1.1E-09	2.6E-08	1.6E-08	1.4E-08	3.1E-09	6.1E-08
582	UCART4	481861.01	3732199.83	481861.01	0.47556	0.48861	0.63439	0.00011	0.00015	0.00104	4.91E-06	4.31E-07	3.89E-05	1.83E-06	2.50E-06	3.25E-05	8.10E-05	2.8E-08	8.5E-08	4.9E-08	4.4E-08	2.0E-08	1.1E-09	2.7E-08	1.6E-08	1.5E-08	3.2E-09	6.2E-08
583	UCART4	481911.01	3732199.83	481911.01	0.46913	0.48321	0.62581	0.0001	0.00014	0.00109	4.84E-06	4.27E-07	3.83E-05	1.67E-06	2.33E-06	3.41E-05	8.17E-05	2.8E-08	8.5E-08	4.9E-08	4.5E-08	2.0E-08	1.1E-09	2.7E-08	1.6E-08	1.5E-08	3.2E-09	6.2E-08
584	UCART4	481961.01	3732199.83	481961.01	0.4626	0.47765	0.61689	0.0001	0.00013	0.00114	4.77E-06	4.22E-07	3.78E-05	1.67E-06	2.17E-06	3.56E-05	8.24E-05	2.9E-08	8.6E-08	5.0E-08	4.5E-08	2.1E-08	1.1E-09	2.7E-08	1.6E-08	1.5E-08	3.3E-09	6.3E-08
585	UCART4	482011.01	3732199.83	482011.01	0.45591	0.47189	0.60763	9.00E-05	0.00012	0.00117	4.70E-06	4.17E-07	3.72E-05	1.50E-06	2.00E-06	3.66E-05	8.24E-05	2.9E-08	8.6E-08	5.0E-08	4.5E-08	2.1E-08	1.1E-09	2.7E-08	1.6E-08	1.5E-08	3.3E-09	6.3E-08
586	UCART4	482061.01	3732199.83	482061.01	0.449	0.46586	0.598	9.00E-05	0.00012	0.0012	4.63E-06	4.11E-07	3.66E-05	1.50E-06	2.00E-06	3.75E-05	8.27E-05	2.9E-08	8.6E-08	5.0E-08	4.5E-08	2.1E-08	1.1E-09	2.7E-08	1.7E-08	1.5E-08	3.3E-09	6.3E-08
587	UCART4	482111.01	3732199.83	482111.01	0.44182	0.45948	0.5951	9.00E-05	0.00011	0.00121	4.56E-06	4.06E-07	3.64E-05	1.50E-06	1.83E-06	3.78E-05	8.26E-05	2.9E-08	8.6E-08	5.0E-08	4.5E-08	2.1E-08	1.1E-09	2.7E-08	1.6E-08	1.5E-08	3.3E-09	6.3E-08
588	UCART4	482161.01	3732199.83	482161.01	0.43432	0.45272	0.59543	8.00E-05	0.00011	0.0012	4.48E-06	4.00E-07	3.65E-05	1.33E-06	1.83E-06	3.75E-05	8.20E-05	2.8E-08	8.6E-08	5.0E-08	4.5E-08	2.1E-08	1.1E-09	2.7E-08	1.6E-08	1.5E-08	3.2E-09	6.3E-08
589	UCART4	482211.01	3732199.83	482211.01	0.42648	0.44555	0.58869	8.00E-05	0.0001	0.00119	4.40E-06	3.93E-07	3.61E-05	1.33E-06	1.67E-06	3.72E-05	8.10E-05	2.8E-08	8.5E-08	4.9E-08	4.4E-08	2.0E-08	1.1E-09	2.7E-08	1.6E-08	1.5E-08	3.2E-09	6.2E-08
590	UCART4	482261.01	3732199.83	482261.01	0.41829	0.43794	0.57012	8.00E-05	0.0001	0.00116	4.31E-06	3.87E-07	3.49E-05	1.33E-06	1.67E-06	3.62E-05	7.89E-05	2.7E-08	8.2E-08	4.8E-08	4.3E-08	2.0E-08	1.1E-09	2.6E-08	1.6E-08	1.4E-08	3.1E-09	6.0E-08
591	UCART4	482311.01	3732199.83	482311.01	0.40971	0.42986	0.55059	8.00E-05	9.00E-05	0.00112	4.23E-06	3.79E-07	3.37E-05	1.33E-06	1.50E-06	3.50E-05	7.62E-05	2.6E-08	8.0E-08	4.6E-08	4.2E-08	1.9E-08	1.0E-09	2.5E-08	1.5E-08	1.4E-08	3.0E-09	5.8E-08
592	UCART4	482361.01	3732199.83	482361.01	0.40074	0.42128	0.54267	7.00E-05	9.00E-05	0.00108	4.13E-06	3.72E-07	3.32E-05	1.17E-06	1.50E-06	3.37E-05	7.42E-05	2.6E-08	7.8E-08	4.5E-08	4.1E-08	1.9E-08	1.0E-09	2.4E-08	1.5E-08	1.3E-08	2.9E-09	5.7E-08
593	UCART4	482411.01	3732199.83	482411.01	0.39141	0.41223	0.52717	7.00E-05	9.00E-05	0.00103	4.04E-06	3.64E-07	3.23E-05	1.17E-06	1.50E-06	3.22E-05	7.15E-05	2.5E-08	7.5E-08	4.3E-08	3.9E-08	1.8E-08	9.7E-10	2.4E-08	1.4E-08	1.3E-08	2.8E-09	5.5E-08
594	UCART4	481711.01	3732249.83	481711.01	0.51225	0.52306	0.68643	0.00012	0.00017	0.00092	5.28E-06	4.62E-07	4.20E-05	2.00E-06	2.83E-06	2.87E-05	8.14E-05	2.8E-08	8.5E-08	4.9E-08	4.5E-08	2.0E-08	1.1E-09	2.7E-08	1.6E-08	1.5E-08	3.2E-09	6.2E-08
595	UCART4	481761.01	3732249.83	481761.01	0.50577	0.51782	0.6785	0.00011	0.00016	0.00099	5.22E-06	4.57E-07	4.16E-05	1.83E-06	2.67E-06	3.09E-05	8.27E-05	2.9E-08	8.6E-08	5.0E-08	4.5E-08	2.1E-08	1.1E-09	2.7E-08	1.7E-08	1.5E-08	3.3E-09	6.3E-08
596	UCART4	481811.01	3732249.83	481811.01	0.49936	0.5126	0.67158	0.00011	0.00015	0.00106	5.15E-06	4.52E-07	4.11E-05	1.83E-06	2.50E-06	3.31E-05	8.42E-05	2.9E-08	8.8E-08	5.1E-08	4.6E-08	2.1E-08	1.1E-09	2.8E-08	1.7E-08	1.5E-08	3.3E-09	6.4E-08
597	UCART4	481861.01	3732249.83	481861.01	0.49294	0.50733	0.66144	0.0001	0.00014	0.00112	5.08E-06	4.48E-07	4.05E-05	1.67E-06	2.33E-06	3.50E-05	8.50E-05	2.9E-08	8.9E-08	5.1E-08	4.7E-08	2.1E-08	1.2E-09	2.8E-08	1.7E-08	1.5E-08	3.4E-09	6.5E-08
598	UCART4	481911.01	3732249.83	481911.01	0.48642	0.50192	0.67349	0.0001	0.00013	0.00118	5.02E-06	4.43E-07	4.12E-05	1.67E-06	2.17E-06	3.69E-05	8.74E-05	3.0E-08	9.1E-08	5.3E-08	4.8E-08	2.2E-08	1.2E-09	2.9E-08	1.7E-08	1.6E-08	3.5E-09	6.7E-08
599	UCART4	481961.01	3732249.83	481961.01	0.47975	0.4963	0.66878	9.00E-05	0.00013	0.00123	4.95E-06	4.38E-07	4.10E-05	1.50E-06	2.17E-06	3.84E-05	8.85E-05	3.1E-08	9.2E-08	5.4E-08	4.9E-08	2.2E-08	1.2E-09	2.9E-08	1.8E-08	1.6E-08	3.5E-09	6.7E-08
600	UCART4	482011.01	3732249.83	482011.01	0.47285	0.49041	0.65541	9.00E-05	0.00012	0.00127	4.88E-06	4.33E-07	4.01E-05	1.50E-06	2.00E-06	3.97E-05	8.86E-05	3.1E-08	9.3E-08	5.4E-08	4.9E-08	2.2E-08	1.2E-09	2.9E-08	1.8E-08	1.6E-08	3.5E-09	6.8E-08
601	UCART4	482061.01	3732249.83	482061.01	0.46567	0.48417	0.63218	9.00E-05	0.00011	0.00129	4.80E-06	4.27E-07	3.87E-05	1.50E-06	1.83E-06	4.03E-05	8.76E-05	3.0E-08	9.2E-08	5.3E-08	4.8E-08	2.2E-08	1.2E-09	2.9E-08	1.7E-08	1.6E-08	3.5E-09	6.7E-08
602	UCART4	482111.01	3732249.83	482111.01	0.45812	0.47751	0.61764	8.00E-05	0.00011	0.0013	4.73E-06	4.22E-07	3.78E-05	1.33E-06	1.83E-06	4.06E-05	8.68E-05	3.0E-08	9.1E-08	5.2E-08	4.8E-08	2.2E-08	1.2E-09	2.9E-08	1.7E-08	1.6E-08	3.4E-09	6.6E-08
603	UCART4	482161.01	3732249.83	482161.01	0.45015	0.46933	0.60824	8.00E-05	0.0001	0.00129	4.64E-06	4.15E-07	3.84E-05	1.33E-06	1.67E-06	4.03E-05	8.68E-05	3.0E-08	9.1E-08	5.2E-08	4.8E-08	2.2E-08	1.2E-09	2.8E-08	1.7E-08	1.6E-08	3.4E-09	6.6E-08
604	UCART4	482211.01	3732249.83	482211.01	0.44176	0.46265	0.61632	8.00E-05	0.0001	0.00127	4.56E-06	4.08E-07	3.77E-05	1.33E-06	1.67E-06	3.97E-05	8.54E-05	3.0E-08	8.9E-08	5.2E-08	4.7E-08	2.1E-08	1.2E-09	2.8E-08	1.7E-08	1.5E-08	3.4E-09	6.5E-08
605	UCART4	482261.01	3732249.83	482261.01	0.43293	0.45443	0.60158	8.00E-05	9.00E-05	0.00123	4.47E-06	4.01E-07	3.68E-05	1.33E-06	1.50E-06	3.84E-05	8.30E-05	2.9E-08	8.7E-08	5.0E-08	4.6E-08	2.1E-08	1.1E-09	2.7E-08	1.7E-08	1.5E-08	3.3E-09	6.3E-08
606	UCART4	482311.01	3732249.83	482311.01	0.42364	0.44566	0.58285	7.00E-05	9.00E-05	0.00119	4.37E-06	3.93E-07	3.57E-05	1.17E-06	1.50E-06	3.72E-05	8.03E-05	2.8E-08	8.4E-08	4.9E-08	4.4E-08	2.0E-08	1.1E-09	2.6E-08	1.6E-08	1.5E-08	3.2E-09	6.1E-08
607	UCART4	482361.01	3732249.83	482361.01	0.41389	0.43629	0.56911	7.00E-05	9.00E-05	0.00114	4.27E-06	3.85E-07	3.49E-05	1.17E-06	1.50E-06	3.56E-05	7.78E-05	2.7E-08	8.1E-08	4.7E-08	4.3E-08	1.9E-08	1.1E-09	2.6E-08	1.6E-08	1.4E-08	3.1E-09	5.9E-08
608	UCART4	482411.01	3732249.83	482411.01	0.40372	0.42637	0.54992	7.00E-05	8.00E-05	0.00108	4.16E-06	3.76E-07	3.37E-05	1.17E-06	1.33E-06	3.37E-05	7.45E-05	2.6E-08	7.8E-08	4.5E-08	4.1E-08	1.9E-08	1.0E-09	2.4E-08	1.5E-08	1.3E-08	2.9E-09	5.7E-08
609	UCART4	481711.01	3732299.83	481711.01	0.53105	0.54305	0.71756	0.00011	0.00016	0.00099	5.48E-06	4.79E-07	4.39E-05	1.83E-06	2.67E-06	3.09E-05	8.53E-05	3.0E-08	8.9E-08	5.2E-08	4.7E-08	2.1E-08	1.2E-09	2.8E-08	1.7E-08	1.5E-08	3.4E-09	6.5E-08
610	UCART4	481761.01	3732299.83	481761.01	0.52468	0.53802	0.70903	0.00011	0.00015	0.00107	5.41E-06	4.75E-07	4.34E-05	1.83E-06	2.50E-06	3.34E-05	8.71E-05	3.0E-08	9.1E-08	5.3E-08	4.8E-08	2.2E-08	1.2E-09	2.9E-08	1.7E-08	1.6E-08	3.4E-09	6.6E-08
611	UCART4	481811.01	3732299.83	481811.01	0.51833	0.53296	0.70008	0.0001	0.00014	0.00115	5.35E-06	4.70E-07	4.29E-05	1.67E-06	2.33E-06	3.59E-05	8.86E-05	3.1E-08	9.3E-08	5.4E-08	4.9E-08	2.2E-08	1.2E-09	2.9E-08	1.8E-08	1.6E-08	3.5E-09	6.8E-08
612	UCART4	481861.01	3732299.83	481861.01	0.51191	0.5278	0.69071	0.0001	0.00013	0.00123	5.28E-06	4.66E-07	4.23E-05	1.67E-06	2.17E-06	3.84E-05	9.03E-05	3.1E-08	9.4E-08	5.5E-08	5.0E-08	2.3E-08	1.2E-09	3.0E-08	1.8E-08	1.6E-08	3.6E-09	6.9E-08
613	UCART4	481911.01	3732299.83	481911.01	0.50535	0.52244	0.68086	0.0001	0.00013	0.00129	5.21E-06	4.61E-07	4.17E-05	1.67E-06	2.17E-06	4.03E-05	9.15E-05	3.2E-08	9.6E-08	5.5E-08	5.0E-08	2.3E-08	1.2E-09	3.0E-08	1.8E-08	1.7E-08	3.6E-09	7.0E-08
614	UCART4	481961.01	3732299.83	481961.01	0.49855	0.51168	0.67057	9.00E-05	0.00012	0.00135	5.14E-06	4.56E-07	4.11E-05	1.50E-06	2.00E-06	4.22E-05	9.24E-05	3.2E-08	9.7E-08	5.6E-08	5.1E-08	2.3E-08	1.3E-09	3.0E-08	1.8E-08	1.7E-08	3.6E-09	7.0E-08
615	UCART4	482011.01	3732299.83	482011.01	0.49141	0.51076	0.65978	9.00E-05	0.00011	0.00139	5.07E-06	4.51E-07	4.04E-05	1.50E-06	1.83E-06	4.34E-05	9.27E-05	3.2E-08	9.7E-08	5.6E-08	5.1E-08	2.3E-08	1.3E-09	3.0E-08	1.9E-08	1.7E-08	3.7E-09	7.1E-08
616	UCART4	482061.01	3732299.83	482061.01	0.48388	0.50425	0.64851	9.00E-05	0.00011	0.00141	4.99E-06	4.45E-07	3.97E-05	1.50E-06	1.83E-06	4.41E-05	9.26E-05	3.2E-08	9.7E-08	5.6E-08	5.1E-08	2.3E-08	1.3E-09	3.0E-08	1.8E-08	1.7E-08	3.7E-09	7.1E-08
617	UCART4	482111.01	3732299.83	482111.01	0.47589	0.49721	0.63899	8.00E-05	0.0001	0.00141	4.91E-06	4.39E-07	3.91E-05	1.33E-06	1.67E-06	4.41E-05	9.15E-05	3.2E-08	9.6E-08	5.5E-08	5.0E-08	2.3E-08	1.2E-09	3.0E-08	1.8E-08	1.7E-08	3.6E-09	7.0E-08
618	UCART4	482161.01	3732299.83	482161.01	0.46737	0.48954	0.64982	8.00E-05	0.0001	0.0014	4.82E-06	4.32E-07	3.98E-05	1.33E-06	1.67E-06	4.37E-05	9.18E-05	3.2E-08	9.6E-08	5.6E-08	5.0E-08	2.3E-08	1.2E-09	3.0E-08	1.8E-08	1.7E-08	3.6E-09	7.0E-08
619	UCART4	482211.01	3732299.83	482211.01	0.45833	0.48126	0.63858	8.00E-05	0.0001	0.00136	4.73E-06	4.25E-07	3.91E-05	1.33E-06	1.67E-06	4.25E-05	8.98E-05	3.1E-08	9.4E-08	5.4E-08	4.9E-08	2.2E-08	1.2E-09	2.9E-08	1.8E-08	1.6E-08	3.5E-09	6.8E-08
620	UCART4	482261.01	3732299.83	482261.01	0.44874	0.47232	0.62357	8.00E-05	9.00E-05	0.00132	4.63E-06	4.17E-07	3.82E-05	1.33E-06	1.50E-06	4.12E-05	8.73E-05	3.0E-08	9.1E-08	5.3E-08	4.8E-08	2.2E-08	1.2E-09	2.9E-08	1.7E-08	1.6E-08	3.4E-09	6.7E-08
621	UCART4	482311.01	3732299.83	482311.01	0.43859	0.4627	0.60558	7.00E-05	9.00E-05	0.00126	4.52E-06	4.08E-07	3.71E-05	1.17E-06	1.50E-06	3.94E-05	8.41E-05	2.9E-08	8.8E-08	5.1E-08	4.6E-08	2.1E-08	1.1E-09	2.8E-08	1.7E-08	1.5E-08	3.3E-09	6.4E-08
622	UCART4	482361.01	3732299.83	482361.01	0.42791	0.45239	0.59176	7.00E-05	8.00E-05	0.0012	4.41E-06	3.99E-07	3.62E-05	1.17E-06	1.33E-06	3.75E-05	8.11E-05	2.8E-08	8.5E-08	4.9E-08	4.4E-08	2.0E-08	1.1E-09	2.7E-08	1.6E-08	1.5E-08	3.2E-09	6.2E-08
623	UCART4	482411.01	3732299.83	482411.01	0.41677	0.44145	0.57457	7.00E-05	8.00E-05	0.00113	4.30E-06	3.90E-07	3.52E-05	1.17E-06	1.33E-06	3.53E-05	7.77E-05	2.7E-08	8.1E-08	4.7E-08	4.3E-08	1.9E-08	1.1E-09	2.6E-08	1.6E-08	1.4E-08	3.1E-09	5.9E-08
624	UCART4	481711.01	3732349.83	481711.01	0.55158	0.56491	0.75112	0.00011	0.00015	0.00108	5.69E-06

700	UCART4	481761.01	3732599.83	481761.01	0.68884	0.714	0.95433	0.0001	0.00012	0.00195	7.11E-06	6.30E-07	5.84E-05	1.67E-06	2.00E-06	6.09E-05	1.31E-04	4.5E-08	1.4E-07	7.9E-08	7.2E-08	3.3E-08	1.8E-09	4.3E-08	2.6E-08	2.4E-08	5.2E-09	1.0E-07
701	UCART4	481811.01	3732599.83	481811.01	0.6842	0.71176	0.94022	9.00E-05	0.00011	0.00214	7.06E-06	6.28E-07	5.76E-05	1.50E-06	1.83E-06	6.69E-05	1.35E-04	4.7E-08	1.4E-07	8.2E-08	7.4E-08	3.4E-08	1.8E-09	4.5E-08	2.7E-08	2.5E-08	5.3E-09	1.0E-07
702	UCART4	481861.01	3732599.83	481861.01	0.6786	0.70854	0.9252	9.00E-05	0.00011	0.00231	7.00E-06	6.25E-07	5.67E-05	1.50E-06	1.83E-06	7.22E-05	1.40E-04	4.8E-08	1.5E-07	8.5E-08	7.7E-08	3.5E-08	1.9E-09	4.6E-08	2.8E-08	2.5E-08	5.5E-09	1.1E-07
703	UCART4	481911.01	3732599.83	481911.01	0.67179	0.70409	0.9093	9.00E-05	0.0001	0.00246	6.93E-06	6.22E-07	5.57E-05	1.50E-06	1.67E-06	7.69E-05	1.43E-04	5.0E-08	1.5E-07	8.7E-08	7.9E-08	3.6E-08	1.9E-09	4.7E-08	2.9E-08	2.6E-08	5.7E-09	1.1E-07
704	UCART4	481961.01	3732599.83	481961.01	0.66351	0.6981	0.89249	8.00E-05	0.0001	0.00255	6.84E-06	6.16E-07	5.47E-05	1.33E-06	1.67E-06	7.97E-05	1.45E-04	5.0E-08	1.5E-07	8.8E-08	7.9E-08	3.6E-08	2.0E-09	4.8E-08	2.9E-08	2.6E-08	5.7E-09	1.1E-07
705	UCART4	482011.01	3732599.83	482011.01	0.65353	0.69032	0.87479	8.00E-05	9.00E-05	0.00259	6.74E-06	6.09E-07	5.36E-05	1.33E-06	1.50E-06	8.09E-05	1.45E-04	5.0E-08	1.5E-07	8.8E-08	7.9E-08	3.6E-08	2.0E-09	4.8E-08	2.9E-08	2.6E-08	5.7E-09	1.1E-07
706	UCART4	482061.01	3732599.83	482061.01	0.64167	0.6805	0.8562	8.00E-05	9.00E-05	0.00256	6.62E-06	6.01E-07	5.24E-05	1.33E-06	1.50E-06	8.00E-05	1.42E-04	4.9E-08	1.5E-07	8.6E-08	7.8E-08	3.6E-08	1.9E-09	4.7E-08	2.8E-08	2.6E-08	5.6E-09	1.1E-07
707	UCART4	482111.01	3732599.83	482111.01	0.62782	0.66845	0.83667	8.00E-05	9.00E-05	0.00247	6.48E-06	5.90E-07	5.12E-05	1.33E-06	1.50E-06	7.72E-05	1.38E-04	4.8E-08	1.4E-07	8.4E-08	7.6E-08	3.5E-08	1.9E-09	4.5E-08	2.8E-08	2.5E-08	5.5E-09	1.1E-07
708	UCART4	482161.01	3732599.83	482161.01	0.61209	0.65424	0.8165	7.00E-05	8.00E-05	0.00236	6.31E-06	5.78E-07	5.00E-05	1.17E-06	1.33E-06	7.37E-05	1.33E-04	4.6E-08	1.4E-07	8.1E-08	7.3E-08	3.3E-08	1.8E-09	4.4E-08	2.7E-08	2.4E-08	5.3E-09	1.0E-07
709	UCART4	482211.01	3732599.83	482211.01	0.59451	0.63778	0.79558	7.00E-05	8.00E-05	0.00222	6.13E-06	5.63E-07	4.87E-05	1.17E-06	1.33E-06	6.94E-05	1.27E-04	4.4E-08	1.3E-07	7.7E-08	7.0E-08	3.2E-08	1.7E-09	4.2E-08	2.5E-08	2.3E-08	5.0E-09	9.7E-08
710	UCART4	482261.01	3732599.83	482261.01	0.57534	0.61927	0.77405	7.00E-05	8.00E-05	0.00206	5.93E-06	5.47E-07	4.74E-05	1.17E-06	1.33E-06	6.44E-05	1.21E-04	4.2E-08	1.3E-07	7.3E-08	6.6E-08	3.0E-08	1.6E-09	4.0E-08	2.4E-08	2.2E-08	4.8E-09	9.2E-08
711	UCART4	482311.01	3732599.83	482311.01	0.55494	0.59899	0.75199	7.00E-05	8.00E-05	0.0019	5.72E-06	5.29E-07	4.61E-05	1.17E-06	1.33E-06	5.94E-05	1.14E-04	4.0E-08	1.2E-07	6.9E-08	6.3E-08	2.9E-08	1.6E-09	3.8E-08	2.3E-08	2.1E-08	4.5E-09	8.7E-08
712	UCART4	482361.01	3732599.83	482361.01	0.53371	0.57734	0.7295	7.00E-05	7.00E-05	0.00175	5.51E-06	5.10E-07	4.47E-05	1.17E-06	1.17E-06	5.47E-05	1.08E-04	3.7E-08	1.1E-07	6.5E-08	5.9E-08	2.7E-08	1.5E-09	3.5E-08	2.2E-08	1.9E-08	4.3E-09	8.2E-08
713	UCART4	482411.01	3732599.83	482411.01	0.51211	0.55481	0.70671	7.00E-05	7.00E-05	0.00159	5.28E-06	4.90E-07	4.33E-05	1.17E-06	1.17E-06	4.97E-05	1.01E-04	3.5E-08	1.1E-07	6.1E-08	5.5E-08	2.5E-08	1.4E-09	3.3E-08	2.0E-08	1.8E-08	4.0E-09	7.7E-08
714	UCART4	481711.01	3732649.83	481711.01	0.73267	0.75804	1.02394	0.0001	0.00012	0.00196	7.56E-06	6.69E-07	6.27E-05	1.67E-06	2.00E-06	6.12E-05	1.36E-04	4.7E-08	1.4E-07	8.2E-08	7.5E-08	3.4E-08	1.8E-09	4.5E-08	2.7E-08	2.5E-08	5.4E-09	1.0E-07
715	UCART4	481761.01	3732649.83	481761.01	0.7297	0.75782	1.00969	9.00E-05	0.00011	0.00219	7.53E-06	6.69E-07	6.18E-05	1.50E-06	1.83E-06	6.84E-05	1.42E-04	4.9E-08	1.5E-07	8.6E-08	7.8E-08	3.5E-08	1.9E-09	4.7E-08	2.8E-08	2.6E-08	5.6E-09	1.1E-07
716	UCART4	481811.01	3732649.83	481811.01	0.72574	0.75661	0.9944	9.00E-05	0.00011	0.00242	7.49E-06	6.68E-07	6.09E-05	1.50E-06	1.83E-06	7.56E-05	1.48E-04	5.1E-08	1.5E-07	9.0E-08	8.1E-08	3.7E-08	2.0E-09	4.9E-08	3.0E-08	2.7E-08	5.8E-09	1.1E-07
717	UCART4	481861.01	3732649.83	481861.01	0.72049	0.7541	0.97807	9.00E-05	0.0001	0.00263	7.43E-06	6.66E-07	5.99E-05	1.50E-06	1.67E-06	8.22E-05	1.53E-04	5.3E-08	1.6E-07	9.3E-08	8.4E-08	3.8E-08	2.1E-09	5.0E-08	3.1E-08	2.8E-08	6.1E-09	1.2E-07
718	UCART4	481911.01	3732649.83	481911.01	0.7136	0.74994	0.9607	9.00E-05	0.0001	0.0028	7.36E-06	6.62E-07	5.88E-05	1.50E-06	1.67E-06	8.75E-05	1.58E-04	5.5E-08	1.6E-07	9.5E-08	8.6E-08	3.9E-08	2.1E-09	5.2E-08	3.1E-08	2.9E-08	6.2E-09	1.2E-07
719	UCART4	481961.01	3732649.83	481961.01	0.70474	0.74377	0.94228	8.00E-05	9.00E-05	0.0029	7.27E-06	6.57E-07	5.77E-05	1.33E-06	1.50E-06	9.06E-05	1.59E-04	5.5E-08	1.7E-07	9.6E-08	8.7E-08	4.0E-08	2.2E-09	5.2E-08	3.2E-08	2.9E-08	6.3E-09	1.2E-07
720	UCART4	482011.01	3732649.83	482011.01	0.69368	0.73526	0.92283	8.00E-05	9.00E-05	0.00292	7.16E-06	6.49E-07	5.65E-05	1.33E-06	1.50E-06	9.12E-05	1.58E-04	5.5E-08	1.7E-07	9.6E-08	8.7E-08	4.0E-08	2.2E-09	5.2E-08	3.2E-08	2.9E-08	6.3E-09	1.2E-07
721	UCART4	482061.01	3732649.83	482061.01	0.68019	0.72414	0.90235	8.00E-05	9.00E-05	0.00286	7.02E-06	6.39E-07	5.53E-05	1.33E-06	1.50E-06	8.94E-05	1.55E-04	5.4E-08	1.6E-07	9.4E-08	8.5E-08	3.9E-08	2.1E-09	5.1E-08	3.1E-08	2.8E-08	6.1E-09	1.2E-07
722	UCART4	482111.01	3732649.83	482111.01	0.66422	0.71023	0.88087	8.00E-05	9.00E-05	0.00275	6.85E-06	6.27E-07	5.39E-05	1.33E-06	1.50E-06	8.59E-05	1.50E-04	5.2E-08	1.6E-07	9.1E-08	8.2E-08	3.8E-08	2.0E-09	4.9E-08	3.0E-08	2.7E-08	5.9E-09	1.1E-07
723	UCART4	482161.01	3732649.83	482161.01	0.64593	0.69361	0.85866	7.00E-05	8.00E-05	0.0026	6.66E-06	6.12E-07	5.26E-05	1.17E-06	1.33E-06	8.12E-05	1.44E-04	5.0E-08	1.5E-07	8.7E-08	7.9E-08	3.6E-08	2.0E-09	4.7E-08	2.9E-08	2.6E-08	5.7E-09	1.1E-07
724	UCART4	482211.01	3732649.83	482211.01	0.62542	0.67424	0.83558	7.00E-05	8.00E-05	0.00243	6.45E-06	5.95E-07	5.12E-05	1.17E-06	1.33E-06	7.59E-05	1.37E-04	4.7E-08	1.4E-07	8.3E-08	7.5E-08	3.4E-08	1.9E-09	4.5E-08	2.7E-08	2.5E-08	5.4E-09	1.0E-07
725	UCART4	482261.01	3732649.83	482261.01	0.60315	0.65248	0.81183	7.00E-05	8.00E-05	0.00224	6.22E-06	5.76E-07	4.97E-05	1.17E-06	1.33E-06	7.00E-05	1.29E-04	4.5E-08	1.3E-07	7.8E-08	7.1E-08	3.2E-08	1.8E-09	4.2E-08	2.6E-08	2.3E-08	5.1E-09	9.8E-08
726	UCART4	482311.01	3732649.83	482311.01	0.57959	0.62875	0.78749	7.00E-05	8.00E-05	0.00206	5.98E-06	5.55E-07	4.82E-05	1.17E-06	1.33E-06	6.44E-05	1.22E-04	4.2E-08	1.3E-07	7.4E-08	6.7E-08	3.0E-08	1.7E-09	4.0E-08	2.4E-08	2.2E-08	4.8E-09	9.3E-08
727	UCART4	482361.01	3732649.83	482361.01	0.55533	0.60366	0.76271	7.00E-05	7.00E-05	0.00187	5.73E-06	5.33E-07	4.67E-05	1.17E-06	1.17E-06	5.84E-05	1.14E-04	3.9E-08	1.2E-07	6.9E-08	6.2E-08	2.8E-08	1.5E-09	3.7E-08	2.3E-08	2.1E-08	4.5E-09	8.7E-08
728	UCART4	482411.01	3732649.83	482411.01	0.53093	0.57785	0.73765	7.00E-05	7.00E-05	0.0017	5.48E-06	5.10E-07	4.52E-05	1.17E-06	1.17E-06	5.31E-05	1.07E-04	3.7E-08	1.1E-07	6.5E-08	5.8E-08	2.7E-08	1.5E-09	3.5E-08	2.1E-08	1.9E-08	4.2E-09	8.1E-08
729	UCART4	481711.01	3732699.83	481711.01	0.77853	0.80687	1.0863	0.0001	0.00011	0.00221	8.03E-06	7.12E-07	6.65E-05	1.67E-06	1.83E-06	6.91E-05	1.48E-04	5.1E-08	1.5E-07	8.9E-08	8.1E-08	3.7E-08	2.0E-09	4.9E-08	3.0E-08	2.7E-08	5.8E-09	1.1E-07
730	UCART4	481761.01	3732699.83	481761.01	0.77683	0.80831	1.07091	9.00E-05	0.00011	0.00249	8.01E-06	7.14E-07	6.56E-05	1.50E-06	1.83E-06	7.78E-05	1.55E-04	5.4E-08	1.6E-07	9.4E-08	8.5E-08	3.9E-08	2.1E-09	5.1E-08	3.1E-08	2.8E-08	6.1E-09	1.2E-07
731	UCART4	481811.01	3732699.83	481811.01	0.77377	0.80842	1.05431	9.00E-05	0.0001	0.00277	7.98E-06	7.14E-07	6.46E-05	1.50E-06	1.67E-06	8.66E-05	1.63E-04	5.6E-08	1.7E-07	9.9E-08	8.9E-08	4.1E-08	2.2E-09	5.4E-08	3.3E-08	3.0E-08	6.4E-09	1.2E-07
732	UCART4	481861.01	3732699.83	481861.01	0.76893	0.8068	1.03651	9.00E-05	0.0001	0.00302	7.93E-06	7.12E-07	6.35E-05	1.50E-06	1.67E-06	9.44E-05	1.70E-04	5.9E-08	1.8E-07	1.0E-07	9.3E-08	4.2E-08	2.3E-09	5.6E-08	3.4E-08	3.1E-08	6.7E-09	1.3E-07
733	UCART4	481911.01	3732699.83	481911.01	0.7619	0.80299	1.01749	8.00E-05	0.0001	0.00321	7.86E-06	7.09E-07	6.23E-05	1.33E-06	1.67E-06	1.00E-04	1.74E-04	6.0E-08	1.8E-07	1.1E-07	9.6E-08	4.4E-08	2.4E-09	5.7E-08	3.5E-08	3.2E-08	6.9E-09	1.3E-07
734	UCART4	481961.01	3732699.83	481961.01	0.75224	0.79651	0.99722	8.00E-05	9.00E-05	0.0033	7.76E-06	7.03E-07	6.11E-05	1.33E-06	1.50E-06	1.03E-04	1.75E-04	6.1E-08	1.8E-07	1.1E-07	9.6E-08	4.4E-08	2.4E-09	5.8E-08	3.5E-08	3.2E-08	6.9E-09	1.3E-07
735	UCART4	482011.01	3732699.83	482011.01	0.73968	0.78698	0.97576	8.00E-05	9.00E-05	0.00331	7.63E-06	6.95E-07	5.98E-05	1.33E-06	1.50E-06	1.03E-04	1.74E-04	6.0E-08	1.8E-07	1.1E-07	9.6E-08	4.4E-08	2.4E-09	5.7E-08	3.5E-08	3.2E-08	6.9E-09	1.3E-07
736	UCART4	482061.01	3732699.83	482061.01	0.72405	0.77413	0.95319	8.00E-05	9.00E-05	0.00322	7.47E-06	6.83E-07	5.84E-05	1.33E-06	1.50E-06	1.01E-04	1.70E-04	5.9E-08	1.8E-07	1.0E-07	9.3E-08	4.3E-08	2.3E-09	5.6E-08	3.4E-08	3.1E-08	6.7E-09	1.3E-07
737	UCART4	482111.01	3732699.83	482111.01	0.70526	0.75771	0.92946	8.00E-05	8.00E-05	0.00306	7.27E-06	6.69E-07	5.69E-05	1.33E-06	1.33E-06	9.56E-05	1.63E-04	5.6E-08	1.7E-07	9.9E-08	8.9E-08	4.1E-08	2.2E-09	5.4E-08	3.3E-08	3.0E-08	6.4E-09	1.2E-07
738	UCART4	482161.01	3732699.83	482161.01	0.6836	0.73785	0.90481	7.00E-05	8.00E-05	0.00287	7.05E-06	6.51E-07	5.54E-05	1.17E-06	1.33E-06	8.97E-05	1.55E-04	5.4E-08	1.6E-07	9.4E-08	8.5E-08	3.9E-08	2.1E-09	5.1E-08	3.1E-08	2.8E-08	6.1E-09	1.2E-07
739	UCART4	482211.01	3732699.83	482211.01	0.65937	0.7147	0.8792	7.00E-05	8.00E-05	0.00266	6.80E-06	6.31E-07	5.38E-05	1.17E-06	1.33E-06	8.31E-05	1.47E-04	5.1E-08	1.5E-07	8.9E-08	8.1E-08	3.7E-08	2.0E-09	4.8E-08	2.9E-08	2.7E-08	5.8E-09	1.1E-07
740	UCART4	482261.01	3732699.83	482261.01	0.63326	0.68884	0.85295	7.00E-05	8.00E-05	0.00244	6.53E-06	6.08E-07	5.22E-05	1.17E-06	1.33E-06	7.62E-05	1.38E-04	4.8E-08	1.4E-07	8.4E-08	7.6E-08	3.5E-08	1.9E-09	4.5E-08	2.8E-08	2.5E-08	5.5E-09	1.1E-07
741	UCART4	482311.01	3732699.83	482311.01	0.6059	0.66087	0.82599	7.00E-05	7.00E-05	0.00222	6.25E-06	5.83E-07	5.06E-05	1.17E-06	1.17E-06	6.94E-05	1.29E-04	4.5E-08	1.3E-07	7.8E-08	7.1E-08	3.2E-08	1.8E-09	4.2E-08	2.6E-08	2.3E-08	5.1E-09	9.8E-08
742	UCART4	482361.01	3732699.83	482361.01	0.5781	0.63167	0.79861	7.00E-05	7.00E-05	0.002	5.96E-06	5.58E-07	4.89E-05	1.17E-06	1.17E-06	6.25E-05	1.20E-04	4.2E-08	1.3E-07	7.3E-08	6.6E-08	3.0E-08	1.6E-09	4.0E-08	2.4E-08	2.2E-08	4.7E-09	9.2E-08
743	UCART4	482411.01	3732699.83	482411.01	0.55051	0.60204	0.77092	7.00E-05	7.00E-05	0.0018	5.68E-06	5.31E-07	4.72E-05	1.17E-06	1.17E-06	5.62E-05	1.12E-04	3.9E-08	1.2E-07	6.8E-08	6.1E-08	2.8E-08	1.5E-09	3.7E-08	2.2E-08	2.0E-08	4.4E-09	8.5E-08
744	UCART4	481711.01	3732749.83	481711.01	0.83183	0.86349	1.15563	0.0001	0.00011	0.00225	8.58E-06	7.62E-07	7.08E-05	1.67E-06	1.83E-06	7.81E-05	1.62E-04	5.6E-08	1.7E-07	9.8E-08	8.9E-08	4.0E-08	2.2E-09	5.3E-08	3.2E-08	2.9E-08	6.4E-09	1.2E-07
745	UCART4	481761.01	3732749.83	481761.01	0.8318	0.86711	1.13805	9.00E-05	0.00011	0.00284	8.58E-06	7.55E-07	6.98E-05	1.50E-06	1.83E-06	8.87E-05	1.71E-04	5.9E-08	1.8E-07	1.0E-07	9.4E-08	4.2E-08	2.3E-09	5.6E-08	3.4E-08	3.1E-08	6.8E-09	1.3E-07
746	UCART4	481811.01	3732749.83	481811.01	0.82989	0.86892	1.12093	9.00E-05	0.0001	0.00318	8.56E-06	7.67E-07	6.87E-05	1.50E-06	1.67E-06	9.94E-05	1.81E-04	6.2E-08	1.9E-07	1.1E-07	9.9E-08	4.5E-08	2.5E-09	5.9E-08	3.6E-08	3.3E-08	7.1E-09	1.4E-07
747	UCART4	481861.01	3732749.83	481861.01	0.82558	0.86843	1.10149	9.00E-05	0.0001	0.00348	8.52E-06	7.67E-07	6.75E-05	1.50E-06	1.67E-06	1.09E-04	1.89E-04	6.5E-08	2.0E-07	1.1E-07	1.0E-07	4.7E-08	2.6E-09	6.2E-08	3.8E-08	3.4E-08	7.4E-09	1.4E-07
748	UCART4	481911.01	3732749.83	481911.01	0.8183	0.86503	1.08063	8.00E-05	9.00E-05	0.0037	8.44E-06	7.64E-07	6.62E-05	1.33E-06	1.50E-06	1.16E-04	1.94E-04	6.7E-08	2.0E-07	1.2E-07	1.1E-07	4.9E-08	2.6E-09	6.4E-08	3.9E-08	3.5E-08	7.7E-09	1.5E-07
749	UCART4	481961.01	3732749.83	481961.01	0.80754	0.8581	1.05832	8.00E-05	9.00E-05	0.0038	8.33E-06	7.57E-07	6.48E-05	1.33E-06	1.50E-06	1.19E-04	1.95E-04	6.8E-08	2.0E-07	1.2E-07	1.1E-07	4.9E-08	2.7E-09	6.4E-08	3.9E-08	3.5E-08	7.7E-09	1.5E-07
750	UCART4	482011.01	3732749.83	482011.01	0.79293	0.84715	1.0346	8.00E-05	9.00E-05	0.00377	8.18E-06	7.48E-07	6.34E-05	1.33E-06	1.50E-06	1.18E-04	1.93E-04	6.7E-08	2.0E-07	1.2E-07	1.1E-07	4.8E-08	2.6E-09	6.3E-08	3.9E-08	3.5E-08	7.6E-09	1.5E-07
751	UCART4	482061.01	3732749.83	482061.01	0.77431	0.83183	1.00955	8.00E-05	9.00E-05	0.00364	7.99E-06	7.34E-07	6.18E-05	1.33E-06	1.50E-06	1.14E-04	1.87E-04	6.5E-08	2.0E-07	1.1E-07	1.0E-07	4.7E-08	2.5E-09	6.1E-08	3.7E-08	3.4E-08	7.4E-09	1.4E-07
752	UCART4	482111.01	3732749.83	482111.01	0.75173	0.81196	0.98316	8.00E-05	8.00E-05	0.00343	7.75E-06	7.17E-07	6.02E-05	1.33E-06	1.33E-06	1.07E-04	1.79E-04	6.2E-08	1.9E-07	1.1E-07	9.8E-08	4.5E-08	2.4E-09	5.9E-08	3.6E-08	3.2E-08	7.0E-09	1.4E-07
753	UCART4	482161.01	3732749.83	482161.01	0.72566	0.78779	0.95572	7.00E-05	8.00E-05	0.00318	7.49E-06	6.95E-07	5.85E-05	1.17E-06	1.33E-06	9.94E-05	1.69E-04	5.8E-08	1.8E-07	1.0E-07	9.2E-08	4.2E-08	2.3E-09	5.5E-08	3.4E-08	3.1E-08	6.7E-09	1.3E-07
754	UCART4	482211.01	3732749.83	482211.01	0.69674	0.75978	0.92735	7.00E-05	8.00E-05	0.00292	7.19E-06	6.71E-07	5.68E-05	1.17E-06	1.33E-06	9.12E-05	1.58E-04	5.5E-08	1.7E-07	9.6E-08	8.7E-08	4.0E-08	2.2E-09	5.2E-08	3.2E-08	2.9E-08	6.3E-09	1.2E-07
755	UCART4	482261.01	3732749.83	482261.01	0.66585	0.72868	0.89812	7.00E-05	8.00E-05	0.00267	6.87E-06	6.43E-07	5.50E-05	1.17E-06	1.33E-06	8.34E-05	1.48E-04	5.1E-08	1.6E-07	9.0E-08	8.1E-08	3.7E-08	2.0E-09	4.9E-08	3.0E-08	2.7E-08	5.9E-09	1.1E-07
756	UCART4	482311.01	3732749.83	482311.01	0.63395	0.69554	0.86814	7.00E-05	7.00E-05	0.0024	6.54E-06	6.14E-07	5.32E-05	1.17E-06	1.17E-06	7.50E-05	1.38E-04	4.8E-08	1.4E-07	8.3E-08	7.4E-08	3.4E-08	1.9E-09	4.5E-08	2.7E-08	2.5E-08	5.4E-09	1.0E-07
757	UCART4	482361.01	3732749.83	482361.01	0.60203	0.66141	0.83771	7.00E-05	7.00E-05	0.00215	6.21E-06	5.84E-07	5.13E-05	1.17E-06	1.17E-06	6.72E-05	1.28E-04	4.4E-08	1.3E-07	7.7E-08	7.0E-08	3.2E-08	1.7E-09	4.2E-08	2.5E-08	2.3E-08	5.0E-09	9.7E-08
758	UCART4	482411.01	3732749.83	482411.01	0.57084	0.62739	0.80694	6.00E-05	7.00E-05	0.00192	5.89E-06	5.54E-07	4.94E-05	1.00E-06	1.17E-06	6.00E-05	1.18E-04	4.1E-08	1.2E-07	7.1E-08	6.5E-08	3.0E-08	1.6E-09	3.9E-08	2.4E-08	2.1E-08	4.7E-09	9.0E-08
759	UCART4	481711.01	3732799.83	481711.01	0.89451	0.92988	1.23316	9.00E-05	0.00011	0.00286	9.23E-06	8.21E-07	7.55E-05	1.50E-06	1.83E-06	8.94E-05	1.78E-04	6.2E-08	1.9E-07	1.1E-07	9.8E-08	4.5E-08	2.4E-09	5.9E-08	3.6E-08	3.2E-08	7.0E-09	1.4E-07
760	UCART4	481761.01	3732799.83	481761.01	0.8967	0.93634	1.21512	9.00E-05	0.0001	0.00328	9.25E-06	8.27E-07	7.44E-05	1.50E-06	1.67E-06	1.02E-04	1.90E-04	6.6E-08	2.0E-07	1.2E-07	1.0E-07	4.8E-08	2.6E-09	6.2E-08	3.8E-08	3.4E-08	7.5E-09	1.4E-07
761	UCART4	481811.01	3732799.83	481811.01	0.89629	0.94039	1.19545	9.00E-05	0.0001	0.0037	9.25E-06	8.30E-07	7.32E-05	1.50E-06	1.67E-06	1.16E-04	2.02E-04	7.0E-08	2.1E-07	1.2E-07	1.1E-07	5.1E-08	2.7E-09	6.6E-08	4.0E-08	3.7E-08	8.0E-09	1.5E-07
762	UCART4	481861.01	3732799.83	481861.01	0.89261	0.94134	1.17416	9.00E-05	0.0001	0.00406	9.21E-06	8.31E-07	7.19E-05	1.50E-06	1.67E-06	1.27E-04	2.12E-04	7.3E-08	2.2E-07	1.3E-07	1.2E-07	5.3E-08	2.9E-09	7.0E-08	4.2E-08	3.8E-08	8.4E-09	1.6E-07
763	UCART4	481911.01	3732799.83	481911.01	0.8849	0.93838	1.15119	8.00E-05	9.00E-05	0.0043	9.13E-06	8.28E-07	7.05E-05	1.33E-06	1.50E-06	1.34E-04	2.18E-04	7.5E-08	2.3E-07	1.3E-07	1.2E-07	5.4E-08	3.0E-09	7.2E-08	4.3E-08	3.9E-08	8.6E-09	1.7E-07
764	UCART4	481961.01	3732799.83	481961.01	0.87248	0.93069	1.12651	8.00E-05	9.00E-05	0.00439	9.00E-06	8.22E-07	6.90E-05	1.33E-06	1.50E-06	1.37E-04	2.19E-04	7.6E-08	2.3E-07	1.3E-07	1.2E-07	5.5E-08	3.0E-09	7.2E-08	4.4E-08	4.0E-08	8.6E-09	1.7E-07
765	UCART4	482011.01	3732799.83	482011.01	0.85493	0.91763	1.10016	8.00E-05	9.00E-05	0.00431	8.82E-06	8.10E-07	6.74E-05	1.33E-06	1.50E-06	1.35E-04	2.15E-04	7.4E-08	2.2E-07	1.3E-07	1.2E-07	5.4E-08	2.9E-09	7.0E-08	4.3E-08	3.9E-08	8.5E-

842	UCARTE	479520.27	3733313.46	479520.27	16.56488	16.12796	3.03874	0.00656	0.05347	0.0001	1.71E-04	1.42E-05	1.86E-04	1.09E-04	8.91E-04	3.12E-06	1.37E-03	4.8E-07	1.4E-06	8.3E-07	7.5E-07	3.4E-07	1.9E-08	4.5E-07	2.7E-07	2.5E-07	5.4E-08	1.0E-06
843	UCARTE	479550.27	3733313.46	479550.27	17.47231	16.76857	3.60171	0.00602	0.07895	0.00011	1.80E-04	1.48E-05	2.21E-04	1.00E-04	1.32E-03	3.44E-06	1.84E-03	6.4E-07	1.9E-06	1.1E-06	1.0E-06	4.6E-07	2.5E-08	6.0E-07	3.7E-07	3.3E-07	7.2E-08	1.4E-06
844	UCARTE	479580.27	3733313.46	479580.27	17.97198	16.97557	4.44506	0.00551	0.07527	0.00011	1.85E-04	1.50E-05	2.72E-04	9.18E-05	1.25E-03	3.44E-06	1.82E-03	6.3E-07	1.9E-06	1.1E-06	1.0E-06	4.6E-07	2.5E-08	6.0E-07	3.6E-07	3.3E-07	7.2E-08	1.4E-06
845	UCARTE	479610.27	3733313.46	479610.27	17.94146	16.49227	5.86597	0.005	0.05905	0.00011	1.85E-04	1.46E-05	3.59E-04	8.33E-05	9.84E-04	3.44E-06	1.63E-03	5.6E-07	1.7E-06	9.9E-07	8.9E-07	4.1E-07	2.2E-08	5.4E-07	3.3E-07	3.0E-07	6.4E-08	1.2E-06
846	UCARTE	479640.27	3733313.46	479640.27	17.34305	15.23948	8.8884	0.00449	0.04755	0.00011	1.79E-04	1.35E-05	5.44E-04	7.48E-05	7.92E-04	3.44E-06	1.61E-03	5.6E-07	1.7E-06	9.7E-07	8.8E-07	4.0E-07	2.2E-08	5.3E-07	3.2E-07	2.9E-07	6.3E-08	1.2E-06
847	UCARTE	479670.27	3733313.46	479670.27	16.23981	13.46866	20.74551	0.004	0.02724	0.00012	1.68E-04	1.19E-05	1.27E-03	6.67E-05	4.54E-04	3.75E-06	1.97E-03	6.8E-07	2.1E-06	1.2E-06	1.1E-06	4.9E-07	2.7E-08	6.5E-07	3.9E-07	3.6E-07	7.8E-08	1.5E-06
848	UCARTE	479490.27	3733343.46	479490.27	15.72358	15.84285	2.71404	0.00641	0.01673	0.0001	1.62E-04	1.40E-05	1.66E-04	1.07E-04	2.79E-04	3.12E-06	7.31E-04	2.5E-07	7.6E-07	4.4E-07	4.0E-07	1.8E-07	9.9E-09	2.4E-07	1.5E-07	1.3E-07	2.9E-08	5.6E-07
849	UCARTE	479520.27	3733343.46	479520.27	17.42133	17.75781	3.13358	0.00598	0.06558	0.0001	1.80E-04	1.57E-05	1.92E-04	9.97E-05	1.09E-03	3.12E-06	1.58E-03	5.5E-07	1.7E-06	9.6E-07	8.7E-07	4.0E-07	2.2E-08	5.2E-07	3.2E-07	2.9E-07	6.2E-08	1.2E-06
850	UCARTE	479550.27	3733343.46	479550.27	18.86964	19.53846	3.71116	0.00552	0.06472	0.00011	1.95E-04	1.72E-05	2.27E-04	9.20E-05	1.08E-03	3.44E-06	1.61E-03	5.6E-07	1.7E-06	9.8E-07	8.8E-07	4.0E-07	2.2E-08	5.3E-07	3.2E-07	2.9E-07	6.4E-08	1.2E-06
851	UCARTE	479580.27	3733343.46	479580.27	19.76093	20.51803	4.56922	0.00505	0.04507	0.00011	2.04E-04	1.81E-05	2.80E-04	8.42E-05	7.51E-04	3.44E-06	1.34E-03	4.6E-07	1.4E-06	8.1E-07	7.4E-07	3.4E-07	1.8E-08	4.4E-07	2.7E-07	2.4E-07	5.3E-08	1.0E-06
852	UCARTE	479610.27	3733343.46	479610.27	19.86301	19.92093	6.00517	0.00462	0.04152	0.00011	2.05E-04	1.76E-05	3.68E-04	7.70E-05	6.92E-04	3.44E-06	1.36E-03	4.7E-07	1.4E-06	8.2E-07	7.5E-07	3.4E-07	1.9E-08	4.5E-07	2.7E-07	2.5E-07	5.4E-08	1.0E-06
853	UCARTE	479640.27	3733343.46	479640.27	19.12429	17.71976	9.04026	0.00418	0.03636	0.00011	1.97E-04	1.56E-05	5.54E-04	6.97E-05	6.06E-04	3.44E-06	1.45E-03	5.0E-07	1.5E-06	8.7E-07	7.9E-07	3.6E-07	2.0E-08	4.7E-07	2.9E-07	2.6E-07	5.7E-08	1.1E-06
854	UCARTE	479670.27	3733343.46	479670.27	17.66456	14.82866	20.92197	0.00375	0.02933	0.00012	1.82E-04	1.31E-05	1.28E-03	6.25E-05	4.89E-04	3.75E-06	2.03E-03	7.0E-07	2.1E-06	1.2E-06	1.1E-06	5.1E-07	2.8E-08	6.7E-07	4.1E-07	3.7E-07	8.0E-08	1.5E-06
855	UCARTE	479490.27	3733373.46	479490.27	17.39418	17.79033	2.7927	0.00582	0.00665	0.0001	1.79E-04	1.57E-05	1.71E-04	9.70E-05	1.11E-04	3.12E-06	5.77E-04	2.0E-07	6.0E-07	3.5E-07	3.2E-07	1.4E-07	7.8E-09	1.9E-07	1.2E-07	1.0E-07	2.3E-08	4.4E-07
856	UCARTE	479520.27	3733373.46	479520.27	20.3155	22.00935	3.22228	0.00545	0.02988	0.00011	2.10E-04	1.94E-05	1.97E-04	9.08E-05	4.98E-04	3.44E-06	1.02E-03	3.5E-07	1.1E-06	6.2E-07	5.6E-07	2.5E-07	1.4E-08	3.3E-07	2.0E-07	1.8E-07	4.0E-08	7.8E-07
857	UCARTE	479550.27	3733373.46	479550.27	22.94698	26.67703	3.81433	0.00505	0.04231	0.00011	2.37E-04	2.35E-05	2.34E-04	8.42E-05	7.05E-04	3.44E-06	1.29E-03	4.5E-07	1.3E-06	7.8E-07	7.1E-07	3.2E-07	1.7E-08	4.2E-07	2.6E-07	2.3E-07	5.1E-08	9.8E-07
858	UCARTE	479580.27	3733373.46	479580.27	24.54466	29.43672	4.68503	0.00465	0.04237	0.00011	2.53E-04	2.60E-05	2.87E-04	7.75E-05	7.06E-04	3.44E-06	1.35E-03	4.7E-07	1.4E-06	8.2E-07	7.4E-07	3.4E-07	1.8E-08	4.4E-07	2.7E-07	2.4E-07	5.3E-08	1.0E-06
859	UCARTE	479610.27	3733373.46	479610.27	24.71837	27.67486	6.13468	0.00426	0.03931	0.00011	2.55E-04	2.44E-05	3.76E-04	7.10E-05	6.55E-04	3.44E-06	1.38E-03	4.8E-07	1.4E-06	8.4E-07	7.6E-07	3.5E-07	1.9E-08	4.5E-07	2.8E-07	2.5E-07	5.5E-08	1.1E-06
860	UCARTE	479640.27	3733373.46	479640.27	23.46835	22.35786	9.18664	0.00388	0.0346	0.00011	2.42E-04	1.97E-05	5.63E-04	6.47E-05	5.77E-04	3.44E-06	1.47E-03	5.1E-07	1.5E-06	8.9E-07	8.1E-07	3.7E-07	2.0E-08	4.8E-07	2.9E-07	2.7E-07	5.8E-08	1.1E-06
861	UCARTE	479670.27	3733373.46	479670.27	21.01703	16.88734	21.08284	0.0035	0.02481	0.00012	2.17E-04	1.49E-05	1.29E-03	5.83E-05	4.13E-04	3.75E-06	2.00E-03	6.9E-07	2.1E-06	1.2E-06	1.1E-06	5.0E-07	2.7E-08	6.6E-07	4.0E-07	3.6E-07	7.9E-08	1.5E-06
862	UCARTE	479575.27	3733098.6	479575.27	217.238	64.76829	2.78249	0.01505	0.0201	0.00011	2.24E-03	5.72E-05	1.70E-04	2.51E-04	3.35E-04	3.12E-06	3.06E-03	1.1E-06	3.2E-06	1.8E-06	1.7E-06	7.7E-07	4.2E-08	1.0E-06	6.1E-07	5.5E-07	1.2E-07	2.3E-06
863	UCARTE	479605.27	3733098.6	479605.27	214.9379	51.18009	3.51726	0.01252	0.02133	0.00011	2.22E-03	4.52E-05	2.15E-04	2.05E-04	3.52E-04	3.44E-06	3.04E-03	1.1E-06	3.2E-06	1.8E-06	1.7E-06	7.6E-07	4.1E-08	1.0E-06	6.1E-07	5.5E-07	1.2E-07	2.3E-06
864	UCARTE	479635.27	3733098.6	479635.27	207.3451	34.61463	5.07381	0.00944	0.02135	0.00011	2.14E-03	3.06E-05	3.11E-04	1.57E-04	3.56E-04	3.44E-06	3.00E-03	1.0E-06	3.1E-06	1.8E-06	1.6E-06	7.5E-07	4.1E-08	9.8E-07	6.0E-07	5.4E-07	1.2E-07	2.3E-06
865	UCARTE	479665.27	3733098.6	479665.27	180.9739	23.64661	11.03736	0.00803	0.02052	0.00011	1.87E-03	2.09E-05	6.76E-04	1.34E-04	3.42E-04	3.44E-06	3.04E-03	1.1E-06	3.2E-06	1.8E-06	1.7E-06	7.6E-07	4.1E-08	1.0E-06	6.1E-07	5.5E-07	1.2E-07	2.3E-06
866	UCARTE	479575.27	3733128.6	479575.27	81.25921	38.82282	3.09959	0.01159	0.02332	0.0001	8.38E-04	3.43E-05	1.90E-04	1.93E-04	3.89E-04	3.12E-06	1.65E-03	5.7E-07	1.7E-06	1.0E-06	9.0E-07	4.1E-07	2.2E-08	5.4E-07	3.3E-07	3.0E-07	6.5E-08	1.3E-06
867	UCARTE	479605.27	3733128.6	479605.27	78.80036	32.74138	4.04265	0.00965	0.02437	0.00011	8.13E-04	2.89E-05	2.48E-04	1.61E-04	4.06E-04	3.44E-06	1.66E-03	5.7E-07	1.7E-06	1.0E-06	9.1E-07	4.2E-07	2.3E-08	5.5E-07	3.3E-07	3.0E-07	6.6E-08	1.3E-06
868	UCARTE	479635.27	3733128.6	479635.27	73.0424	25.78825	6.14599	0.00835	0.02396	0.00011	7.53E-04	2.28E-05	3.76E-04	1.39E-04	3.99E-04	3.44E-06	1.69E-03	5.9E-07	1.8E-06	1.0E-06	9.3E-07	4.2E-07	2.3E-08	5.6E-07	3.4E-07	3.1E-07	6.7E-08	1.3E-06
869	UCARTE	479665.27	3733128.6	479665.27	61.20383	19.95807	14.15059	0.00636	0.02267	0.00011	6.31E-04	1.76E-05	8.67E-04	1.06E-04	3.78E-04	3.44E-06	2.00E-03	6.9E-07	2.1E-06	1.2E-06	1.1E-06	5.0E-07	2.7E-08	6.6E-07	4.0E-07	3.6E-07	7.9E-08	1.5E-06
870	UCARTE	479575.27	3733158.6	479575.27	47.32366	28.03145	3.37837	0.00937	0.02762	0.0001	4.88E-04	2.47E-05	2.07E-04	1.56E-04	4.60E-04	3.12E-06	1.34E-03	4.6E-07	1.4E-06	8.1E-07	7.3E-07	3.4E-07	1.8E-08	4.4E-07	2.7E-07	2.4E-07	5.3E-08	1.0E-06
871	UCARTE	479605.27	3733158.6	479605.27	45.61627	24.41828	4.46184	0.00806	0.02823	0.00011	4.71E-04	2.16E-05	2.73E-04	1.34E-04	4.70E-04	3.44E-06	1.37E-03	4.8E-07	1.4E-06	8.3E-07	7.5E-07	3.4E-07	1.9E-08	4.5E-07	2.7E-07	2.5E-07	5.4E-08	1.0E-06
872	UCARTE	479635.27	3733158.6	479635.27	42.08486	20.62355	6.82099	0.00659	0.02694	0.00011	4.34E-04	1.82E-05	4.18E-04	1.10E-04	4.49E-04	3.44E-06	1.43E-03	5.0E-07	1.5E-06	8.7E-07	7.9E-07	3.6E-07	1.9E-08	4.7E-07	2.9E-07	2.6E-07	5.7E-08	1.1E-06
873	UCARTE	479665.27	3733158.6	479665.27	36.31843	17.14993	15.2217	0.00556	0.02473	0.00011	3.75E-04	1.51E-05	9.32E-04	9.27E-05	4.12E-04	3.44E-06	1.83E-03	6.3E-07	1.9E-06	1.1E-06	1.0E-06	4.6E-07	2.5E-08	6.0E-07	3.7E-07	3.3E-07	7.2E-08	1.4E-06
874	UCARTE	479575.27	3733188.6	479575.27	32.52999	22.19569	3.61181	0.00788	0.03254	0.0001	3.36E-04	1.96E-05	2.21E-04	1.31E-04	5.42E-04	3.12E-06	1.25E-03	4.3E-07	1.3E-06	7.6E-07	6.9E-07	3.1E-07	1.7E-08	4.1E-07	2.5E-07	2.3E-07	4.9E-08	9.6E-07
875	UCARTE	479605.27	3733188.6	479605.27	31.47387	19.88539	4.77624	0.00693	0.03269	0.00011	3.25E-04	1.76E-05	2.93E-04	1.15E-04	5.45E-04	3.44E-06	1.30E-03	4.5E-07	1.4E-06	7.9E-07	7.1E-07	3.2E-07	1.8E-08	4.3E-07	2.6E-07	2.4E-07	5.1E-08	9.9E-07
876	UCARTE	479635.27	3733188.6	479635.27	29.32219	17.4967	7.24967	0.00601	0.03048	0.00011	3.02E-04	1.54E-05	4.44E-04	1.00E-04	5.08E-04	3.44E-06	1.37E-03	4.8E-07	1.4E-06	8.3E-07	7.5E-07	3.4E-07	1.9E-08	4.5E-07	2.7E-07	2.5E-07	5.4E-08	1.0E-06
877	UCARTE	479665.27	3733188.6	479665.27	26.10971	15.18846	15.7645	0.00521	0.02704	0.00011	2.69E-04	1.34E-05	9.66E-04	8.68E-05	4.51E-04	3.44E-06	1.79E-03	6.2E-07	1.9E-06	1.1E-06	9.8E-07	4.5E-07	2.4E-08	5.9E-07	3.6E-07	3.2E-07	7.1E-08	1.4E-06
878	UCARTE	479378	3732025.27	479378	3	0.88921	0.94676	0.325	0.00118	0.00063	9.00E-05	9.17E-06	8.36E-07	1.99E-05	1.97E-05	1.05E-05	2.81E-06	6.29E-05	2.2E-08	6.6E-08	3.8E-08	3.4E-08	1.6E-08	8.6E-10	2.1E-08	1.3E-08	1.1E-08	2.5E-09	4.8E-08
879	UCARTE	479428	3732025.27	479428	3	0.94511	1.00671	0.34032	0.00133	0.00069	9.00E-05	9.75E-06	8.89E-07	2.08E-05	2.22E-05	1.15E-05	2.81E-06	6.80E-05	2.4E-08	7.1E-08	4.1E-08	3.7E-08	1.7E-08	9.2E-10	2.2E-08	1.4E-08	1.2E-08	2.7E-09	5.2E-08
880	UCARTE	479478	3732025.27	479478	3	1.00835	1.0743	0.35964	0.00148	0.00075	9.00E-05	1.04E-05	9.48E-07	2.20E-05	2.47E-05	1.25E-05	2.81E-06	7.34E-05	2.5E-08	7.7E-08	4.4E-08	4.0E-08	1.8E-08	1.0E-09	2.4E-08	1.5E-08	1.3E-08	2.9E-09	5.6E-08
881	UCARTE	479528	3732025.27	479528	3	1.0685	1.13752	0.37786	0.00163	0.00081	0.0001	1.10E-05	1.00E-06	2.31E-05	2.72E-05	1.35E-05	3.12E-06	7.90E-05	2.7E-08	8.3E-08	4.8E-08	4.3E-08	2.0E-08	1.1E-09	2.6E-08	1.6E-08	1.4E-08	3.1E-09	6.0E-08
882	UCARTE	479578	3732025.27	479578	3	1.11887	1.18933	0.39209	0.00177	0.00087	0.0001	1.15E-05	1.05E-06	2.40E-05	2.95E-05	1.45E-05	3.12E-06	8.37E-05	2.9E-08	8.8E-08	5.1E-08	4.6E-08	2.1E-08	1.1E-09	2.8E-08	1.7E-08	1.5E-08	3.3E-09	6.4E-08
883	UCARTE	479628	3732025.27	479628	3	1.15875	1.22974	0.40291	0.00188	0.00092	0.0001	1.20E-05	1.09E-06	2.47E-05	3.13E-05	1.53E-05	3.12E-06	8.75E-05	3.0E-08	9.1E-08	5.3E-08	4.8E-08	2.2E-08	1.2E-09	2.9E-08	1.7E-08	1.6E-08	3.5E-09	6.7E-08
884	UCARTE	479678	3732025.27	479678	3	1.19957	1.27151	0.4158	0.00197	0.00097	0.0001	1.24E-05	1.12E-06	2.55E-05	3.28E-05	1.62E-05	3.44E-06	9.14E-05	3.2E-08	9.6E-08	5.5E-08	5.0E-08	2.3E-08	1.2E-09	3.0E-08	1.8E-08	1.7E-08	3.6E-09	7.0E-08
885	UCARTE	479378	3732075.27	479378	3	0.94962	1.01487	0.33715	0.00132	0.00067	9.00E-05	9.80E-06	8.96E-07	2.06E-05	2.20E-05	1.12E-05	2.81E-06	6.73E-05	2.3E-08	7.0E-08	4.1E-08	3.7E-08	1.7E-08	9.2E-10	2.2E-08	1.3E-08	1.2E-08	2.7E-09	5.1E-08
886	UCARTE	479428	3732075.27	479428	3	1.01453	1.08529	0.35479	0.00149	0.00074	9.00E-05	1.05E-05	9.58E-07	2.17E-05	2.48E-05	1.23E-05	2.81E-06	7.31E-05	2.5E-08	7.6E-08	4.4E-08	4.0E-08	1.8E-08	9.9E-10	2.4E-08	1.5E-08	1.3E-08	2.9E-09	5.6E-08
887	UCARTE	479478	3732075.27	479478	3	1.07683	1.15176	0.37142	0.00168	0.00081	9.00E-05	1.11E-05	1.02E-06	2.27E-05	2.77E-05	1.35E-05	2.81E-06	7.89E-05	2.7E-08	8.2E-08	4.8E-08	4.3E-08	1.9E-08	1.1E-09	2.6E-08	1.6E-08	1.4E-08	3.1E-09	6.2E-08
888	UCARTE	479528	3732075.27	479528	3	1.15219	1.23211	0.39409	0.00184	0.00088	0.0001	1.19E-05	1.09E-06	2.41E-05	3.07E-05	1.47E-05	3.12E-06	8.56E-05	3.0E-08	8.9E-08	5.2E-08	4.7E-08	2.1E-08	1.2E-09	2.8E-08	1.7E-08	1.5E-08	3.4E-09	6.5E-08
889	UCARTE	479578	3732075.27	479578	3	1.211	1.29348	0.41049	0.002	0.00094	0.0001	1.25E-05	1.14E-06	2.51E-05	3.33E-05	1.57E-05	3.12E-06	9.09E-05	3.1E-08	9.5E-08	5.5E-08	5.0E-08	2.3E-08	1.2E-09	3.0E-08	1.8E-08	1.6E-08	3.6E-09	6.9E-08
890	UCARTE	479628	3732075.27	479628	3	1.2619	1.34636	0.4255	0.00214	0.001	0.0001	1.30E-05	1.19E-06	2.61E-05	3.57E-05	1.67E-05	3.12E-06	9.57E-05	3.3E-08	1.0E-07	5.8E-08	5.3E-08	2.4E-08	1.3E-09	3.1E-08	1.9E-08	1.7E-08	3.8E-09	7.3E-08
891	UCARTE	479678	3732075.27	479678	3	1.31086	1.39618	0.44211	0.00223	0.00106	0.0001	1.35E-05	1.23E-06	2.71E-05	3.72E-05	1.77E-05	3.44E-06	1.00E-04	3.5E-08	1.0E-07	6.1E-08	5.5E-08	2.5E-08	1.4E-09	3.3E-08	2.0E-08	1.8E-08	4.0E-09	7.6E-08
892	UCARTE	479378	3732125.27	479378	3	1.02906	1.10481	0.35503	0.00148	0.00072	9.00E-05	1.06E-05	9.75E-07	2.17E-05	2.47E-05	1.20E-05	2.81E-06	7.28E-05	2.5E-08	7.6E-08	4.4E-08	4.0E-08	1.8E-08	9.9E-10	2.4E-08	1.5E-08	1.3E-08	2.9E-09	5.6E-08
893	UCARTE	479428	3732125.27	479428	3	1.10202	1.1849	0.37415	0.00168	0.0008	9.00E-05	1.14E-05	1.05E-06	2.29E-05	2.80E-05	1.33E-05	2.81E-06	7.95E-05	2.8E-08	8.3E-08	4.8E-08	4.4E-08	2.0E-08	1.1E-09	2.6E-08	1.6E-08	1.4E-08	3.1E-09	6.1E-08
894	UCARTE	479478	3732125.27	479478	3	1.164	1.25107	0.38842	0.00189	0.00087	9.00E-05	1.20E-05	1.10E-06	2.38E-05	3.15E-05	1.45E-05	2.81E-06	8.57E-05	3.0E-08	9.0E-08	5.2E-08	4.7E-08	2.1E-08	1.2E-09	2.8E-08	1.7E-08	1.6E-08	3.4E-09	6.5E-08
895	UCARTE	479528	3732125.27	479528	3	1.24648	1.33946	0.41107	0.0021	0.00095	0.0001	1.29E-05	1.18E-06	2.52E-05	3.50E-05	1.58E-05	3.12E-06	9.32E-05	3.2E-08	9.7E-08	5.6E-08	5.1E-08	2.3E-08	1.3E-09	3.1E-08	1.9E-08	1.7E-08	3.7E-09	7.1E-08
896	UCARTE	479578	3732125.27	479578	3	1.30787	1.40323	0.42675	0.00229	0.00102	0.0001	1.35E-05	1.24E-06	2.61E-05	3.82E-05	1.70E-05	3.12E-06	9.92E-05	3.4E-08	1.0E-07	6.0E-08	5.4E-08	2.5E-08	1.3E-09	3.3E-08	2.0E-08	1.8E-08	3.9E-09	7.6E-08
897	UCARTE	479628	3732125.27	479628	3	1.36429	1.46149	0.44242	0.00244	0.00109	0.0001	1.41E-05	1.29E-06	2.71E-05	4.07E-05	1.82E-05	3.12E-06	1.04E-04	3.6E-08	1.1E-07	6.3E-08	5.7E-08	2.6E-08	1.4E-09	3.4E-08	2.1E-08	1.9E-08	4.1E-09	8.0E-08
898	UCARTE	479678	3732125.27	479678	3	1.42324	1.52109	0.46289	0.00264	0.00116	0.0001	1.47E-05	1.34E-06	2.84E-05	4.23E-05	1.93E-05	3.44E-06	1.09E-04	3.8E-08	1.1E-07	6.6E-08	6.0E-08	2.7E-08	1.5E-09	3.6E-08	2.2E-08	2.0E-08	4.3E-09	8.3E-08
899	UCARTE	479378	3732175.27	479378	3	1.10865	1.19564	0.36991	0.00166	0.00078	9.00E-05	1.14E-05	1.06E-06	2.27E-05	2.77E-05	1.30E-05	2.81E-06	7.86E-05	2.7E-08	8.2E-08	4.8E-08	4.3E-08	2.0E-08	1.1E-09	2.6E-08	1.6E-08	1.4E-08	3.1E-09	6.0E-08
900	UCARTE	479428	3732175.27	479428	3	1.18805	1.28367	0.38918	0.0019	0.00086	9.00E-05	1.23E-05	1.13E-06	2.38E-05	3.17E-05	1.43E-05	2.81E-06	8.60E-05	3.0E-08	9.0E-08	5.2E-08	4.7E-08	2.2E-08	1.2E-09	2.8E-08	1.7E-08	1.6E-08	3.4E-09	6.6E-08
901	UCARTE	479478	3732175.27	479478	3	1.26749	1.36992	0.40782	0.00216	0.00094	0.0001	1.31E-05	1.21E-06	2.50E-05	3.60E-05	1.57E-05	3.12E-06	9.41E-05	3.3E-08	9.8E-08	5.7E-08	5.2E-08	2.4E-08	1.3E-09	3.1E-08	1.9E-08	1.7E-08	3.7E-09	7.2E-08
902	UCARTE	479528	3732175.27	479528	3	1.34558	1.45293	0.42614	0.00241	0.00103	0.0001	1.39E-05	1.28E-06	2.61E-05	4.02E-05	1.72E-05	3.12E-06	1.02E-04	3.5E-08	1.1E-07	6.2E-08	5.6E-08	2.5E-08	1.4E-09	3.3E-08	2.0E-08	1.8E-08	4.0E-09	7.8E-08
903	UCARTE	479578	3732175.27	479578	3	1.41321	1.52308	0.44209	0.00263	0.00111	0.0001	1.46E-05	1.34E-06	2.71E-05	4.38E-05	1.85E-05	3.12E-06	1.08E-04	3.8E-08	1.1E-07	6.6E-08	5.9E-08	2.7E-08	1.5E-09	3.6E-08	2.2E-08	2.0E-08	4.3E-09	8.3E-08
904	UCARTE	479628	3732175.27	479628	3	1.48013	1.59218	0.46002	0.0028	0.00119	0.0001	1.53E-05	1.41E-06	2.82E-05	4.67E-05	1.98E-05	3.12E-06	1.14E-04	4.0E-08	1.2E-07	6.9E-08	6.3E-08	2.9E-08	1.6E-09	3.8E-08	2.3E-08	2.1E-08	4.5E-09	8.7E-08
905	UCARTE	479678	3732175.27	479678	3	1.54465	1.65479	0.47979	0.0029	0.00126	0.0001	1.59E-05	1.46E-06	2.94E-05	4.83E-05	2.10E-05	3.44E-06	1.20E-04	4.1E-08	1.2E-07	7.2E-08	6.6E-08	3.0E-08	1.6E-09	3.9E-08	2.4E-08	2.2E-08	4.7E-09	9.1E-08
906	UCARTE	479378	3732225.27	479378	3	1.20877	1.31051	0.38928	0.00188	0.00084	9.00E-05	1.25E-05	1.16E-06	2.38E-05	3.13E-05	1.40E-05	2.81E-06	8.56E-05	3.0E-08	8.9E-08	5.2E-08	4.7E-08	2.1E-08	1.2E-09	2.8E-08	1.7E-08	1.5E-08	3.4E-09	6.5E-08
907	UCARTE	479428	3732225.27	479428	3	1.30313	1.41648	0.41067	0.00218	0.00093	9.00E-05	1.34E-05	1.25E-06	2.52E-05	3.63E-05	1.55E-05	2.81E-06	9.45E-05	3.3E-08	9.9E-08	5.7E-08	5.2E-08	2.4E-08	1.3E-09	3.1E-08	1.9E-08	1.7E-08	3.7E-09	7.2E-08
908	UCARTE	479478	3732225.27	479478	3	1.38276	1.50343	0.42687	0.00248	0.00103	0.0001	1.43E-05	1.33E-06	2.61E-05	4.13E-05	1.72E-05	3.12E-06	1.03E-04	3.6E-08	1.1E-07	6.3E-08	5.7E-08

984	UCART8	479428	3732775.27	479428, 3	6.02096	7.60659	0.79541	0.01364	0.00314	9.00E-05	6.21E-05	6.71E-06	4.87E-05	2.27E-04	5.23E-05	2.81E-06	4.00E-04	1.4E-07	4.2E-07	2.4E-07	2.2E-07	1.0E-07	5.4E-09	1.3E-07	8.0E-08	7.2E-08	1.6E-08	3.0E-07
985	UCART8	479478	3732775.27	479478, 3	6.68276	8.44947	0.8483	0.01834	0.00386	0.0001	6.89E-05	7.46E-06	5.20E-05	3.06E-04	6.43E-05	3.12E-06	5.01E-04	1.7E-07	5.2E-07	3.0E-07	2.8E-07	1.3E-07	6.8E-09	1.6E-07	1.0E-07	9.1E-08	2.0E-08	3.8E-07
986	UCART8	479528	3732775.27	479528, 3	7.24534	8.95797	0.90933	0.02204	0.00465	0.0001	7.47E-05	7.91E-06	5.57E-05	3.67E-04	7.75E-05	3.12E-06	5.86E-04	2.0E-07	6.1E-07	3.5E-07	3.2E-07	1.5E-07	8.0E-09	1.9E-07	1.2E-07	1.1E-07	2.3E-08	4.5E-07
987	UCART8	479578	3732775.27	479578, 3	7.77729	9.11512	0.95451	0.023	0.00539	0.0001	8.02E-05	8.05E-06	5.85E-05	3.83E-04	8.98E-05	3.12E-06	6.23E-04	2.2E-07	6.5E-07	3.8E-07	3.4E-07	1.6E-07	8.5E-09	2.0E-07	1.2E-07	1.1E-07	2.5E-08	4.7E-07
988	UCART8	479628	3732775.27	479628, 3	7.92736	8.70898	1.02064	0.02088	0.00598	0.00011	8.18E-05	7.69E-06	6.25E-05	3.48E-04	9.97E-05	3.44E-06	6.03E-04	2.1E-07	6.3E-07	3.6E-07	3.3E-07	1.5E-07	8.2E-09	2.0E-07	1.2E-07	1.1E-07	2.4E-08	4.6E-07
989	UCART8	479678	3732775.27	479678, 3	7.47719	7.76018	1.10055	0.01741	0.00632	0.00011	7.71E-05	6.85E-06	6.74E-05	2.90E-04	1.05E-04	3.44E-06	5.50E-04	1.9E-07	5.8E-07	3.3E-07	3.0E-07	1.4E-07	7.5E-09	1.8E-07	1.1E-07	1.0E-07	2.2E-08	4.2E-07
990	UCART8	479378	3732825.27	479378, 3	6.73401	8.69461	0.81175	0.01103	0.00287	9.00E-05	6.95E-05	7.67E-06	4.97E-05	1.84E-04	4.78E-05	2.81E-06	3.61E-04	1.3E-07	3.8E-07	2.2E-07	2.0E-07	9.0E-08	4.9E-09	1.2E-07	7.2E-08	6.5E-08	1.4E-08	2.8E-07
991	UCART8	479428	3732825.27	479428, 3	7.67096	10.09444	0.8602	0.01635	0.00361	9.00E-05	7.91E-05	8.91E-06	5.27E-05	2.72E-04	6.02E-05	2.81E-06	4.76E-04	1.6E-07	5.0E-07	2.9E-07	2.6E-07	1.2E-07	6.5E-09	1.6E-07	9.5E-08	8.6E-08	1.9E-08	3.6E-07
992	UCART8	479478	3732825.27	479478, 3	8.68621	11.38097	0.93735	0.02304	0.00454	0.0001	8.96E-05	1.00E-05	5.74E-05	3.84E-04	7.57E-05	3.12E-06	6.20E-04	2.1E-07	6.5E-07	3.8E-07	3.4E-07	1.6E-07	8.4E-09	2.0E-07	1.2E-07	1.1E-07	2.4E-08	4.7E-07
993	UCART8	479528	3732825.27	479528, 3	9.44927	11.70777	1.00995	0.02824	0.00555	0.0001	9.75E-05	1.03E-05	6.31E-05	4.71E-04	9.25E-05	3.12E-06	7.36E-04	2.5E-07	7.7E-07	4.5E-07	4.0E-07	1.8E-07	1.0E-08	2.4E-07	1.5E-07	1.3E-07	2.9E-08	5.6E-07
994	UCART8	479578	3732825.27	479578, 3	10.01595	11.85572	1.07078	0.02863	0.00648	0.0001	1.03E-04	1.05E-05	6.59E-05	4.77E-04	1.08E-04	3.12E-06	7.68E-04	2.7E-07	8.0E-07	4.6E-07	4.2E-07	1.9E-07	1.0E-08	2.5E-07	1.5E-07	1.4E-07	3.0E-08	5.9E-07
995	UCART8	479628	3732825.27	479628, 3	10.04133	11.02852	1.14484	0.02435	0.00718	0.00011	1.04E-04	9.74E-06	7.01E-05	4.06E-04	1.20E-04	3.44E-06	7.12E-04	2.5E-07	7.4E-07	4.3E-07	3.9E-07	1.8E-07	9.7E-09	2.3E-07	1.4E-07	1.3E-07	2.8E-08	5.4E-07
996	UCART8	479678	3732825.27	479678, 3	9.41391	9.30364	1.23198	0.01889	0.00755	0.00011	9.71E-05	8.21E-06	7.55E-05	3.15E-04	1.26E-04	3.44E-06	6.25E-04	2.2E-07	6.5E-07	3.8E-07	3.4E-07	1.6E-07	8.5E-09	2.1E-07	1.2E-07	1.1E-07	2.5E-08	4.8E-07
997	UCART8	479378	3732875.27	479378, 3	8.71765	12.00257	0.8914	0.01235	0.00326	9.00E-05	8.99E-05	1.06E-05	5.46E-05	2.06E-04	5.43E-05	2.81E-06	4.18E-04	1.4E-07	4.4E-07	2.5E-07	2.3E-07	1.0E-07	5.7E-09	1.4E-07	8.3E-08	7.6E-08	1.7E-08	3.2E-07
998	UCART8	479428	3732875.27	479428, 3	10.30761	14.32881	0.95539	0.01904	0.00419	9.00E-05	1.06E-04	1.26E-05	5.85E-05	3.17E-04	6.98E-05	2.81E-06	5.67E-04	2.0E-07	5.9E-07	3.4E-07	3.1E-07	1.4E-07	7.7E-09	1.9E-07	1.1E-07	1.0E-07	2.2E-08	4.3E-07
999	UCART8	479478	3732875.27	479478, 3	11.91726	15.95059	1.03752	0.02899	0.00537	0.0001	1.23E-04	1.41E-05	6.35E-05	4.83E-04	8.95E-05	3.12E-06	7.76E-04	2.7E-07	8.1E-07	4.7E-07	4.3E-07	1.9E-07	1.1E-08	2.6E-07	1.6E-07	1.4E-07	3.1E-08	5.9E-07
1000	UCART8	479528	3732875.27	479528, 3	13.19528	16.29528	1.12617	0.03817	0.00667	0.0001	1.36E-04	1.44E-05	6.90E-05	6.36E-04	1.11E-04	3.12E-06	9.70E-04	3.4E-07	1.0E-06	5.9E-07	5.3E-07	2.4E-07	1.3E-08	3.2E-07	1.9E-07	1.8E-07	3.8E-08	7.4E-07
1001	UCART8	479578	3732875.27	479578, 3	13.69851	15.64242	1.21623	0.03843	0.00786	0.0001	1.41E-04	1.38E-05	7.45E-05	6.40E-04	1.31E-04	3.12E-06	1.00E-03	3.5E-07	1.0E-06	6.1E-07	5.5E-07	2.5E-07	1.4E-08	3.3E-07	2.0E-07	1.8E-07	4.0E-08	7.7E-07
1002	UCART8	479628	3732875.27	479628, 3	13.3351	13.87779	1.32005	0.02891	0.0087	0.00011	1.38E-04	1.23E-05	8.08E-05	4.82E-04	1.45E-04	3.44E-06	8.61E-04	3.0E-07	9.0E-07	5.2E-07	4.7E-07	2.2E-07	1.2E-08	2.8E-07	1.7E-07	1.6E-07	3.4E-08	6.6E-07
1003	UCART8	479678	3732875.27	479678, 3	12.25337	11.43209	1.4164	0.01947	0.00905	0.00011	1.26E-04	1.01E-05	8.67E-05	3.24E-04	1.51E-04	3.44E-06	7.02E-04	2.4E-07	7.3E-07	4.2E-07	3.9E-07	1.8E-07	9.5E-09	2.3E-07	1.4E-07	1.3E-07	2.8E-08	5.4E-07
1004	UCART1	479704.31	3733711.83	479704.31	5.28513	4.11667	26.9719	0.00146	0.00504	0.00013	5.45E-05	3.63E-06	1.65E-03	2.43E-05	8.40E-05	4.06E-06	1.82E-03	6.3E-07	1.9E-06	1.1E-06	1.0E-06	4.6E-07	2.5E-08	6.0E-07	3.6E-07	3.3E-07	7.2E-08	1.4E-06
1005	UCART1	479754.31	3733711.83	479754.31	4.73192	3.70289	29.46566	0.00132	0.00402	0.00013	4.88E-05	3.27E-06	1.80E-03	2.20E-05	6.79E-05	4.06E-06	1.95E-03	6.7E-07	2.0E-06	1.2E-06	1.1E-06	4.9E-07	2.2E-08	6.4E-07	3.9E-07	3.5E-07	7.7E-08	1.5E-06
1006	UCART1	479804.31	3733711.83	479804.31	4.18519	3.30978	29.93394	0.00117	0.00324	0.00014	4.32E-05	2.92E-06	1.83E-03	1.95E-05	5.40E-05	4.37E-06	1.96E-03	6.8E-07	2.0E-06	1.2E-06	1.1E-06	4.9E-07	2.7E-08	6.4E-07	3.9E-07	3.5E-07	7.7E-08	1.5E-06
1007	UCART1	479854.31	3733711.83	479854.31	3.6945	2.96052	30.0698	0.00103	0.00263	0.00014	3.81E-05	2.61E-06	1.84E-03	1.72E-05	4.38E-05	4.37E-06	1.95E-03	6.7E-07	2.0E-06	1.2E-06	1.1E-06	4.9E-07	2.6E-08	6.4E-07	3.9E-07	3.5E-07	7.7E-08	1.5E-06
1008	UCART1	479904.31	3733711.83	479904.31	3.27274	2.6586	30.01634	0.00091	0.00214	0.00015	3.38E-05	2.35E-06	1.84E-03	1.52E-05	3.57E-05	4.69E-06	1.93E-03	6.7E-07	2.0E-06	1.2E-06	1.1E-06	4.8E-07	2.6E-08	6.3E-07	3.9E-07	3.5E-07	7.6E-08	1.5E-06
1009	UCART1	479954.31	3733711.83	479954.31	2.91735	2.40101	29.90165	0.0008	0.00177	0.00016	3.01E-05	2.12E-06	1.83E-03	1.33E-05	2.95E-05	5.00E-06	1.91E-03	6.6E-07	2.0E-06	1.2E-06	1.0E-06	4.8E-07	2.6E-08	6.3E-07	3.8E-07	3.5E-07	7.5E-08	1.5E-06
1010	UCART1	480004.31	3733711.83	480004.31	2.61878	2.18167	29.76584	0.00071	0.00146	0.00016	2.70E-05	1.93E-06	1.82E-03	1.18E-05	2.43E-05	5.00E-06	1.89E-03	6.6E-07	2.0E-06	1.1E-06	1.0E-06	4.7E-07	2.6E-08	6.2E-07	3.8E-07	3.4E-07	7.5E-08	1.4E-06
1011	UCART1	480054.31	3733711.83	480054.31	2.36763	1.99502	29.61963	0.00063	0.00121	0.00017	2.44E-05	1.76E-06	1.81E-03	1.05E-05	2.02E-05	5.31E-06	1.88E-03	6.5E-07	2.0E-06	1.1E-06	1.0E-06	4.7E-07	2.6E-08	6.2E-07	3.7E-07	3.4E-07	7.4E-08	1.4E-06
1012	UCART1	480104.31	3733711.83	480104.31	2.15487	1.83534	29.45645	0.00057	0.00102	0.00018	2.22E-05	1.62E-06	1.80E-03	9.50E-06	1.70E-05	5.62E-06	1.86E-03	6.4E-07	1.9E-06	1.1E-06	1.0E-06	4.7E-07	2.5E-08	6.1E-07	3.7E-07	3.4E-07	7.3E-08	1.4E-06
1013	UCART1	480154.31	3733711.83	480154.31	1.97305	1.69768	29.28606	0.00051	0.00087	0.00019	2.04E-05	1.50E-06	1.79E-03	8.50E-06	1.45E-05	5.94E-06	1.84E-03	6.4E-07	1.9E-06	1.1E-06	1.0E-06	4.6E-07	2.5E-08	6.1E-07	3.7E-07	3.3E-07	7.3E-08	1.4E-06
1014	UCART1	480204.31	3733711.83	480204.31	1.81706	1.57864	29.10945	0.00046	0.00076	0.0002	1.87E-05	1.39E-06	1.78E-03	7.67E-06	1.27E-05	6.25E-06	1.83E-03	6.3E-07	1.9E-06	1.1E-06	1.0E-06	4.6E-07	2.5E-08	6.0E-07	3.7E-07	3.3E-07	7.2E-08	1.4E-06
1015	UCART1	480254.31	3733711.83	480254.31	1.68261	1.47534	28.93521	0.00042	0.00067	0.00021	1.74E-05	1.30E-06	1.77E-03	7.00E-06	1.12E-05	6.56E-06	1.82E-03	6.3E-07	1.9E-06	1.1E-06	1.0E-06	4.5E-07	2.5E-08	6.0E-07	3.6E-07	3.3E-07	7.2E-08	1.4E-06
1016	UCART1	480304.31	3733711.83	480304.31	1.56499	1.38428	28.54898	0.00039	0.00059	0.00022	1.61E-05	1.22E-06	1.75E-03	6.50E-06	9.83E-06	6.87E-06	1.79E-03	6.2E-07	1.9E-06	1.1E-06	9.8E-07	4.5E-07	2.4E-08	5.9E-07	3.6E-07	3.2E-07	7.1E-08	1.4E-06
1017	UCART1	480354.31	3733711.83	480354.31	1.46302	1.30506	27.91975	0.00035	0.00052	0.00024	1.51E-05	1.15E-06	1.71E-03	5.83E-06	8.67E-06	7.50E-06	1.75E-03	6.1E-07	1.8E-06	1.1E-06	9.6E-07	4.4E-07	2.4E-08	5.7E-07	3.5E-07	3.2E-07	6.9E-08	1.3E-06
1018	UCART1	480404.31	3733711.83	480404.31	1.37606	1.23757	27.70881	0.00033	0.00047	0.00025	1.42E-05	1.09E-06	1.70E-03	5.50E-06	7.83E-06	7.81E-06	1.73E-03	6.0E-07	1.8E-06	1.0E-06	9.5E-07	4.3E-07	2.4E-08	5.7E-07	3.5E-07	3.1E-07	6.8E-08	1.3E-06
1019	UCART1	480454.31	3733711.83	480454.31	1.30145	1.17986	27.57329	0.0003	0.00042	0.00027	1.34E-05	1.04E-06	1.69E-03	5.00E-06	7.00E-06	8.44E-06	1.72E-03	6.0E-07	1.8E-06	1.0E-06	9.5E-07	4.3E-07	2.3E-08	5.7E-07	3.4E-07	3.1E-07	6.8E-08	1.3E-06
1020	UCART1	480504.31	3733711.83	480504.31	1.2373	1.13055	27.42109	0.00028	0.00038	0.00029	1.28E-05	9.98E-07	1.68E-03	4.67E-06	6.33E-06	9.06E-06	1.71E-03	5.9E-07	1.8E-06	1.0E-06	9.4E-07	4.3E-07	2.3E-08	5.6E-07	3.4E-07	3.1E-07	6.8E-08	1.3E-06
1021	UCART1	480554.31	3733711.83	480554.31	1.18232	1.08873	27.24259	0.00026	0.00034	0.00031	1.22E-05	9.61E-07	1.67E-03	4.33E-06	5.67E-06	9.69E-06	1.70E-03	5.9E-07	1.8E-06	1.0E-06	9.3E-07	4.3E-07	2.3E-08	5.6E-07	3.4E-07	3.1E-07	6.7E-08	1.3E-06
1022	UCART1	480604.31	3733711.83	480604.31	1.13573	1.05391	27.10106	0.00024	0.00031	0.00033	1.17E-05	9.30E-07	1.66E-03	4.00E-06	5.17E-06	1.03E-05	1.69E-03	5.9E-07	1.8E-06	1.0E-06	9.3E-07	4.2E-07	2.3E-08	5.6E-07	3.4E-07	3.1E-07	6.7E-08	1.3E-06
1023	UCART1	480654.31	3733711.83	480654.31	1.09696	1.02575	26.98516	0.00023	0.00029	0.00036	1.13E-05	9.05E-07	1.65E-03	3.83E-06	4.83E-06	1.12E-05	1.68E-03	5.8E-07	1.8E-06	1.0E-06	9.2E-07	4.2E-07	2.3E-08	5.5E-07	3.4E-07	3.0E-07	6.7E-08	1.3E-06
1024	UCART1	480704.31	3733711.83	480704.31	1.06553	1.00396	26.8569	0.00021	0.00027	0.00039	1.10E-05	8.86E-07	1.64E-03	3.50E-06	4.50E-06	1.22E-05	1.68E-03	5.8E-07	1.8E-06	1.0E-06	9.2E-07	4.2E-07	2.3E-08	5.5E-07	3.3E-07	3.0E-07	6.6E-08	1.3E-06
1025	UCART1	480754.31	3733711.83	480754.31	1.04124	0.9885	26.72913	0.0002	0.00025	0.00043	1.07E-05	8.73E-07	1.64E-03	3.33E-06	4.17E-06	1.34E-05	1.67E-03	5.8E-07	1.7E-06	1.0E-06	9.2E-07	4.2E-07	2.3E-08	5.5E-07	3.3E-07	3.0E-07	6.6E-08	1.3E-06
1026	UCART1	480804.31	3733711.83	480804.31	1.02403	0.97945	26.58773	0.00019	0.00023	0.00047	1.06E-05	8.65E-07	1.63E-03	3.17E-06	3.83E-06	1.47E-05	1.66E-03	5.8E-07	1.7E-06	1.0E-06	9.1E-07	4.2E-07	2.3E-08	5.5E-07	3.3E-07	3.0E-07	6.6E-08	1.3E-06
1027	UCART1	480854.31	3733711.83	480854.31	1.01419	0.97721	26.5387	0.00018	0.00021	0.00052	1.05E-05	8.63E-07	1.63E-03	3.00E-06	3.50E-06	1.62E-05	1.66E-03	5.7E-07	1.7E-06	1.0E-06	9.1E-07	4.2E-07	2.3E-08	5.5E-07	3.3E-07	3.0E-07	6.6E-08	1.3E-06
1028	UCART1	479704.31	3733761.83	479704.31	4.24295	3.40911	9.2338	0.0013	0.00445	0.00013	4.38E-05	3.01E-06	5.66E-04	2.17E-05	7.42E-05	4.06E-06	7.12E-04	2.5E-07	7.4E-07	4.3E-07	3.9E-07	1.8E-07	9.7E-09	2.3E-07	1.4E-07	1.3E-07	2.8E-08	5.4E-07
1029	UCART1	479754.31	3733761.83	479754.31	3.90866	3.14965	10.5998	0.00118	0.0036	0.00013	4.03E-05	2.78E-06	6.49E-04	1.97E-05	6.00E-05	4.06E-06	7.76E-04	2.7E-07	8.1E-07	4.7E-07	4.3E-07	2.0E-07	1.1E-08	2.5E-07	1.5E-07	1.4E-07	3.1E-08	5.9E-07
1030	UCART1	479804.31	3733761.83	479804.31	3.55852	2.882	11.21847	0.00106	0.00294	0.00014	3.67E-05	2.54E-06	6.87E-04	1.77E-05	4.90E-05	4.37E-06	7.97E-04	2.8E-07	8.3E-07	4.8E-07	4.4E-07	2.0E-07	1.1E-08	2.6E-07	1.6E-07	1.4E-07	3.1E-08	6.1E-07
1031	UCART1	479854.31	3733761.83	479854.31	3.22343	2.63263	11.5341	0.00095	0.00243	0.00014	3.33E-05	2.32E-06	7.06E-04	1.58E-05	4.05E-05	4.37E-06	8.03E-04	2.8E-07	8.4E-07	4.9E-07	4.4E-07	2.0E-07	1.1E-08	2.6E-07	1.6E-07	1.5E-07	3.2E-08	6.1E-07
1032	UCART1	479904.31	3733761.83	479904.31	2.91548	2.40399	11.69933	0.00084	0.00201	0.00015	3.01E-05	2.12E-06	7.17E-04	1.40E-05	3.35E-05	4.69E-06	8.01E-04	2.8E-07	8.4E-07	4.8E-07	4.4E-07	2.0E-07	1.1E-08	2.6E-07	1.6E-07	1.4E-07	3.2E-08	6.1E-07
1033	UCART1	479954.31	3733761.83	479954.31	2.64331	2.20121	11.7978	0.00075	0.00166	0.00015	2.73E-05	1.94E-06	7.23E-04	1.25E-05	2.77E-05	4.69E-06	7.97E-04	2.8E-07	8.3E-07	4.8E-07	4.4E-07	2.0E-07	1.1E-08	2.6E-07	1.6E-07	1.4E-07	3.1E-08	6.1E-07
1034	UCART1	480004.31	3733761.83	480004.31	2.4037	2.02136	11.8589	0.00066	0.00139	0.00016	2.48E-05	1.78E-06	7.26E-04	1.10E-05	2.32E-05	5.00E-06	7.92E-04	2.7E-07	8.3E-07	4.8E-07	4.3E-07	2.0E-07	1.1E-08	2.6E-07	1.6E-07	1.4E-07	3.1E-08	6.0E-07
1035	UCART1	480054.31	3733761.83	480054.31	2.19717	1.86545	11.89985	0.00059	0.00116	0.00017	2.27E-05	1.65E-06	7.29E-04	9.83E-06	1.93E-05	5.31E-06	7.88E-04	2.7E-07	8.2E-07	4.8E-07	4.3E-07	2.0E-07	1.1E-08	2.6E-07	1.6E-07	1.4E-07	3.1E-08	6.0E-07
1036	UCART1	480104.31	3733761.83	480104.31	2.01811	1.72956	11.9181	0.00053	0.00098	0.00018	2.08E-05	1.53E-06	7.30E-04	8.83E-06	1.63E-05	5.62E-06	7.83E-04	2.7E-07	8.2E-07	4.7E-07	4.3E-07	2.0E-07	1.1E-08	2.6E-07	1.6E-07	1.4E-07	3.1E-08	6.0E-07
1037	UCART1	480154.31	3733761.83	480154.31	1.86127	1.60981	11.9306	0.00048	0.00084	0.00019	1.92E-05	1.42E-06	7.31E-04	8.00E-06	1.40E-05	5.94E-06	7.79E-04	2.7E-07	8.1E-07	4.7E-07	4.3E-07	2.0E-07	1.1E-08	2.6E-07	1.6E-07	1.4E-07	3.1E-08	5.9E-07
1038	UCART1	480204.31	3733761.83	480204.31	1.72429	1.50467	11.93893	0.00044	0.00072	0.0002	1.78E-05	1.33E-06	7.31E-04	7.33E-06	1.20E-05	6.25E-06	7.76E-04	2.7E-07	8.1E-07	4.7E-07	4.3E-07	1.9E-07	1.1E-08	2.5E-07	1.5E-07	1.4E-07	3.1E-08	5.9E-07
1039	UCART1	480254.31	3733761.83	480254.31	1.60374	1.41158	11.93656	0.00041	0.00063	0.00021	1.65E-05	1.25E-06	7.31E-04	6.67E-06	1.05E-05	6.56E-06	7.73E-04	2.7E-07	8.1E-07	4.7E-07	4.2E-07	1.9E-07	1.1E-08	2.5E-07	1.5E-07	1.4E-07	3.0E-08	5.9E-07
1040	UCART1	480304.31	3733761.83	480304.31	1.49367	1.32575	11.69969	0.00037	0.00055	0.00022	1.54E-05	1.17E-06	7.17E-04	6.17E-06	9.17E-06	6.87E-06	7.55E-04	2.6E-07	7.9E-07	4.6E-07	4.1E-07	1.9E-07	1.0E-08	2.5E-07	1.5E-07	1.4E-07	3.0E-08	5.8E-07
1041	UCART1	480354.31	3733761.83	480354.31	1.4075	1.25938	11.88101	0.00034	0.0005	0.00023	1.45E-05	1.11E-06	7.28E-04	5.67E-06	8.33E-06	7.19E-06	7.64E-04	2.6E-07	8.0E-07	4.6E-07	4.2E-07	1.9E-07	1.0E-08	2.5E-07	1.5E-07	1.4E-07	3.0E-08	5.8E-07
1042	UCART1	480404.31	3733761.83	480404.31	1.32972	1.19921	11.9099	0.00031	0.00045	0.00025	1.37E-05	1.06E-06	7.29E-04	5.17E-06	7.50E-06	7.81E-06	7.65E-04	2.6E-07	8.0E-07	4.6E-07	4.2E-07	1.9E-07	1.0E-08	2.5E-07	1.5E-07	1.4E-07	3.0E-08	5.8E-07
1043	UCART1	480454.31	3733761.83	480454.31	1.26132	1.14635	11.90078	0.00029	0.00041	0.00026	1.30E-05	1.01E-06	7.29E-04	4.83E-06	6.83E-06	8.12E-06	7.63E-04	2.6E-07	8.0E-07	4.6E-07	4.2E-07	1.9E-07	1.0E-08	2.5E-07	1.5E-07	1.4E-07	3.0E-08	5.8E-07
1044	UCART1	480504.31	3733761.83	480504.31	1.2021	1.1009	11.88596	0.00027	0.00037	0.00028	1.24E-05	9.72E-07	7.28E-04	4.50E-06	6.17E-06	8.75E-06	7.61E-04	2.6E-07	8.0E-07	4.6E-07	4.2E-07	1.9E-07	1.0E-08	2.5E-07	1.5E-07	1.4E-07	3.0E-08	5.8E-07
1045	UCART1	480554.31	3733761.83	480554.31	1.15111	1.06221	11.86518	0.00025	0.00034	0.0003	1.19E-05	9.38E-07	7.27E-04	4.17E-06	5.67E-06	9.37E-06	7.59E-04	2.6E-07	7.9E-07	4.6E-07	4.2E-07	1.9E-07	1.0E-08	2.5E-07	1.5E-07	1.4E-07	3.0E-08	5.8E-07
1046	UCART1	480604.31	3733761.83	480604.31	1.10783	1.02999	11.84577	0.00024	0.00031	0.00032	1.14E-05	9.09E-07	7.26E-04	4.00E-06	5.17E-06	1.00E-05	7.57E-04	2.6E-07	7.9E-07	4.6E-07	4.2E-07	1.9E-07	1.0E-08	2.5E-07	1.5E-07	1.4E-07	3.0E-08	5.8E-07
1047	UCART1	480654.31	3733761.83	480654.31	1.07189	1.00408	11.83523	0.00022	0.00028	0.00035	1.11E-05	8.86E-07	7.25E-04	3.67E-06	4.67E-06	1.09E-05	7.56E-04	2.6E-07	7.9E-07	4.6E-07	4.1E-07	1.9E-07	1.0E-08	2.5E-07	1.5E-07	1.4E-07	3.0E-08	5.8E-07
1048	UCART1	480704.31	3733761.83	480704.31	1.04261	0.98398	11.81762	0.00021	0.00026	0.00038	1.08E-05	8.69E-07	7.24E-04	3.50E-06	4.33E-06	1.19E-05	7.55E-04	2.6E-07	7.9E-07	4.6E-07	4.1E-07	1.9E-07	1.0E-08	2.5E-07	1.5E-07	1.4E-07	3.0E-08	5.8E-07
1049	UCART1	480754.31	3733761.83	480754.31	1.01989	0.96974	11.79704	0.0002	0.00024	0.00042	1.05E-05	8.56E-07	7.23E-04	3.33E-06	4.00E-06	1.31E-05	7.54E-04	2.6E-07	7.9E-07	4.6E-07	4.1E-07	1.9E-07	1.0E-08	2.5E-07	1.5E-07	1.4E-07	3.0E-08	5.8E-07
1050	UCART1	480804.31	3733761.83	480804.31	1.00371	0.96145	11.77436	0.00019	0.00023	0.00045	1.04E-05	8.49E-07	7.21E-04	3.17E-06	3.83E-06	1.41E-05	7.53E-04	2.6E-07	7.9E-07

1126	UCART1	479954.31	3733961.83	479954.31	1.80763	1.56998	3.55407	0.00057	0.0012	0.00014	1.86E-05	1.39E-06	2.18E-04	9.50E-06	2.00E-05	4.37E-06	2.72E-04	9.4E-08	2.8E-07	1.6E-07	1.5E-07	6.8E-08	3.7E-09	8.9E-08	5.4E-08	4.9E-08	1.1E-08	2.1E-07
1127	UCART1	480404.31	3733961.83	480404.31	1.13684	1.03776	3.92374	0.00027	0.00038	0.00022	1.17E-05	9.16E-07	2.40E-04	4.50E-06	6.33E-06	6.87E-06	2.71E-04	9.4E-08	2.8E-07	1.6E-07	1.5E-07	6.8E-08	3.7E-09	8.9E-08	5.4E-08	4.9E-08	1.1E-08	2.1E-07
1128	UCART1	480454.31	3733961.83	480454.31	1.09114	1.00266	3.93859	0.00025	0.00035	0.00023	1.13E-05	8.85E-07	2.41E-04	4.17E-06	5.83E-06	7.19E-06	2.71E-04	9.4E-08	2.8E-07	1.6E-07	1.5E-07	6.8E-08	3.7E-09	8.9E-08	5.4E-08	4.9E-08	1.1E-08	2.1E-07
1129	UCART1	480504.31	3733961.83	480504.31	1.05045	0.97171	3.95093	0.00024	0.00032	0.00025	1.08E-05	8.58E-07	2.42E-04	4.00E-06	5.33E-06	7.81E-06	2.71E-04	9.4E-08	2.8E-07	1.6E-07	1.5E-07	6.8E-08	3.7E-09	8.9E-08	5.4E-08	4.9E-08	1.1E-08	2.1E-07
1130	UCART1	480554.31	3733961.83	480554.31	1.01475	0.94497	3.96107	0.00022	0.00029	0.00027	1.05E-05	8.34E-07	2.43E-04	3.67E-06	4.83E-06	8.44E-06	2.71E-04	9.4E-08	2.8E-07	1.6E-07	1.5E-07	6.8E-08	3.7E-09	8.9E-08	5.4E-08	4.9E-08	1.1E-08	2.1E-07
1131	UCART1	480604.31	3733961.83	480604.31	0.98383	0.92234	3.96908	0.00021	0.00027	0.00029	1.01E-05	8.14E-07	2.43E-04	3.50E-06	4.50E-06	9.06E-06	2.71E-04	9.4E-08	2.8E-07	1.6E-07	1.5E-07	6.8E-08	3.7E-09	8.9E-08	5.4E-08	4.9E-08	1.1E-08	2.1E-07
1132	UCART1	480654.31	3733961.83	480654.31	0.95823	0.90444	3.97541	0.0002	0.00026	0.00031	9.88E-06	7.98E-07	2.43E-04	3.33E-06	4.33E-06	9.69E-06	2.72E-04	9.4E-08	2.8E-07	1.6E-07	1.5E-07	6.8E-08	3.7E-09	8.9E-08	5.4E-08	4.9E-08	1.1E-08	2.1E-07
1133	UCART1	480704.31	3733961.83	480704.31	0.93641	0.88989	3.98075	0.00019	0.00024	0.00034	9.66E-06	7.86E-07	2.44E-04	3.17E-06	4.00E-06	1.06E-05	2.72E-04	9.4E-08	2.8E-07	1.6E-07	1.5E-07	6.8E-08	3.7E-09	8.9E-08	5.4E-08	4.9E-08	1.1E-08	2.1E-07
1134	UCART1	480754.31	3733961.83	480754.31	0.919	0.87936	3.98459	0.00018	0.00022	0.00037	9.48E-06	7.76E-07	2.44E-04	3.00E-06	3.67E-06	1.16E-05	2.73E-04	9.4E-08	2.8E-07	1.6E-07	1.5E-07	6.8E-08	3.7E-09	9.0E-08	5.4E-08	4.9E-08	1.1E-08	2.1E-07
1135	UCART1	480804.31	3733961.83	480804.31	0.90615	0.87311	3.98696	0.00017	0.00021	0.0004	9.35E-06	7.71E-07	2.44E-04	2.83E-06	3.50E-06	1.25E-05	2.73E-04	9.5E-08	2.9E-07	1.7E-07	1.5E-07	6.8E-08	3.7E-09	9.0E-08	5.5E-08	4.9E-08	1.1E-08	2.1E-07
1136	UCART1	480854.31	3733961.83	480854.31	0.89757	0.87091	3.98775	0.00016	0.0002	0.00044	9.26E-06	7.69E-07	2.44E-04	2.67E-06	3.33E-06	1.37E-05	2.74E-04	9.5E-08	2.9E-07	1.7E-07	1.5E-07	6.9E-08	3.7E-09	9.0E-08	5.5E-08	5.0E-08	1.1E-08	2.1E-07
1137	UCART1	479854.31	3734011.83	479854.31	1.80826	1.5766	2.81551	0.00062	0.0015	0.00013	1.87E-05	1.39E-06	1.72E-04	1.03E-05	2.50E-05	4.06E-06	2.32E-04	8.0E-08	2.4E-07	1.4E-07	1.3E-07	5.8E-08	3.2E-09	7.6E-08	4.6E-08	4.2E-08	9.2E-09	1.8E-07
1138	UCART1	479904.31	3734011.83	479904.31	1.7345	1.51549	2.91981	0.00058	0.00129	0.00013	1.79E-05	1.34E-06	1.79E-04	9.67E-06	2.15E-05	4.06E-06	2.33E-04	8.1E-08	2.4E-07	1.4E-07	1.3E-07	5.8E-08	3.2E-09	7.7E-08	4.7E-08	4.2E-08	9.2E-09	1.8E-07
1139	UCART1	479954.31	3734011.83	479954.31	1.65552	1.45034	3.00701	0.00053	0.00111	0.00014	1.71E-05	1.28E-06	1.84E-04	8.83E-06	1.85E-05	4.37E-06	2.34E-04	8.1E-08	2.4E-07	1.4E-07	1.3E-07	5.9E-08	3.2E-09	7.7E-08	4.7E-08	4.2E-08	9.2E-09	1.8E-07
1140	UCART1	480454.31	3734011.83	480454.31	1.04928	0.96691	3.37678	0.00024	0.00033	0.00023	1.08E-05	8.54E-07	2.07E-04	4.00E-06	5.50E-06	7.19E-06	2.35E-04	8.1E-08	2.5E-07	1.4E-07	1.3E-07	5.9E-08	3.2E-09	7.7E-08	4.7E-08	4.3E-08	9.3E-09	1.8E-07
1141	UCART1	480504.31	3734011.83	480504.31	1.01268	0.93916	3.38973	0.00023	0.00031	0.00024	1.04E-05	8.29E-07	2.08E-04	3.83E-06	5.17E-06	7.50E-06	2.35E-04	8.1E-08	2.5E-07	1.4E-07	1.3E-07	5.9E-08	3.2E-09	7.7E-08	4.7E-08	4.3E-08	9.3E-09	1.8E-07
1142	UCART1	480554.31	3734011.83	480554.31	0.98036	0.91507	3.40054	0.00021	0.00028	0.00026	1.01E-05	8.08E-07	2.08E-04	3.50E-06	4.67E-06	8.12E-06	2.35E-04	8.2E-08	2.5E-07	1.4E-07	1.3E-07	5.9E-08	3.2E-09	7.7E-08	4.7E-08	4.3E-08	9.3E-09	1.8E-07
1143	UCART1	480604.31	3734011.83	480604.31	0.95185	0.89425	3.40891	0.0002	0.00026	0.00028	9.82E-06	7.89E-07	2.09E-04	3.33E-06	4.33E-06	8.75E-06	2.36E-04	8.2E-08	2.5E-07	1.4E-07	1.3E-07	5.9E-08	3.2E-09	7.7E-08	4.7E-08	4.3E-08	9.3E-09	1.8E-07
1144	UCART1	480654.31	3734011.83	480654.31	0.92823	0.8778	3.41668	0.00019	0.00025	0.0003	9.57E-06	7.75E-07	2.09E-04	3.17E-06	4.17E-06	9.37E-06	2.36E-04	8.2E-08	2.5E-07	1.4E-07	1.3E-07	5.9E-08	3.2E-09	7.8E-08	4.7E-08	4.3E-08	9.3E-09	1.8E-07
1145	UCART1	480704.31	3734011.83	480704.31	0.90808	0.86445	3.42237	0.00018	0.00023	0.00033	9.37E-06	7.63E-07	2.10E-04	3.00E-06	3.83E-06	1.03E-05	2.37E-04	8.2E-08	2.5E-07	1.4E-07	1.3E-07	5.9E-08	3.2E-09	7.8E-08	4.7E-08	4.3E-08	9.4E-09	1.8E-07
1146	UCART1	480754.31	3734011.83	480754.31	0.89204	0.85489	3.42663	0.00017	0.00022	0.00036	9.20E-06	7.55E-07	2.10E-04	2.83E-06	3.67E-06	1.12E-05	2.38E-04	8.2E-08	2.5E-07	1.4E-07	1.3E-07	5.9E-08	3.2E-09	7.8E-08	4.7E-08	4.3E-08	9.4E-09	1.8E-07
1147	UCART1	480804.31	3734011.83	480804.31	0.87996	0.84909	3.42948	0.00016	0.0002	0.00039	9.08E-06	7.49E-07	2.10E-04	2.67E-06	3.33E-06	1.22E-05	2.38E-04	8.2E-08	2.5E-07	1.4E-07	1.3E-07	6.0E-08	3.2E-09	7.8E-08	4.8E-08	4.3E-08	9.4E-09	1.8E-07
1148	UCART1	480854.31	3734011.83	480854.31	0.8713	0.84647	3.4307	0.00016	0.00019	0.00043	8.99E-06	7.47E-07	2.10E-04	2.67E-06	3.17E-06	1.34E-05	2.39E-04	8.3E-08	2.5E-07	1.4E-07	1.3E-07	6.0E-08	3.3E-09	7.9E-08	4.8E-08	4.3E-08	9.4E-09	1.8E-07
1149	UCART1	480604.31	3734061.83	480604.31	0.92051	0.86662	2.98282	0.0002	0.00026	0.00027	9.50E-06	7.65E-07	1.83E-04	3.33E-06	4.33E-06	8.44E-06	2.09E-04	7.2E-08	2.2E-07	1.3E-07	1.1E-07	5.2E-08	2.8E-09	6.9E-08	4.2E-08	3.8E-08	8.3E-09	1.6E-07
1150	UCART1	480654.31	3734061.83	480654.31	0.89853	0.85132	2.99038	0.00019	0.00024	0.00029	9.27E-06	7.51E-07	1.83E-04	3.17E-06	4.00E-06	9.06E-06	2.09E-04	7.2E-08	2.2E-07	1.3E-07	1.1E-07	5.2E-08	2.8E-09	6.9E-08	4.2E-08	3.8E-08	8.3E-09	1.6E-07
1151	UCART1	480704.31	3734061.83	480704.31	0.88001	0.83915	2.9964	0.00018	0.00022	0.00032	9.08E-06	7.41E-07	1.84E-04	3.00E-06	3.67E-06	1.00E-05	2.10E-04	7.3E-08	2.2E-07	1.3E-07	1.2E-07	5.3E-08	2.9E-09	6.9E-08	4.2E-08	3.8E-08	8.3E-09	1.6E-07
1152	UCART1	480754.31	3734061.83	480754.31	0.86494	0.83018	3.00101	0.00017	0.00021	0.00035	8.92E-06	7.33E-07	1.84E-04	2.83E-06	3.50E-06	1.09E-05	2.11E-04	7.3E-08	2.2E-07	1.3E-07	1.2E-07	5.3E-08	2.9E-09	6.9E-08	4.2E-08	3.8E-08	8.3E-09	1.6E-07
1153	UCART1	480804.31	3734061.83	480804.31	0.85332	0.82445	3.00435	0.00016	0.0002	0.00038	8.80E-06	7.28E-07	1.84E-04	2.67E-06	3.33E-06	1.19E-05	2.11E-04	7.3E-08	2.2E-07	1.3E-07	1.2E-07	5.3E-08	2.9E-09	6.9E-08	4.2E-08	3.8E-08	8.3E-09	1.6E-07
1154	UCART1	480854.31	3734061.83	480854.31	0.84491	0.82181	3.00593	0.00015	0.00019	0.00042	8.72E-06	7.25E-07	1.84E-04	2.50E-06	3.17E-06	1.31E-05	2.12E-04	7.4E-08	2.2E-07	1.3E-07	1.2E-07	5.3E-08	2.9E-09	7.0E-08	4.2E-08	3.8E-08	8.4E-09	1.6E-07
1155	UCART1	479709.83	3732002.05	479709.83	1.1897	1.25809	0.42013	0.0019	0.00097	0.00011	1.23E-05	1.11E-06	2.57E-05	3.17E-05	1.62E-05	3.44E-06	9.04E-05	3.1E-08	9.4E-08	5.5E-08	5.0E-08	2.3E-08	1.2E-09	3.0E-08	1.8E-08	1.6E-08	3.6E-09	6.9E-08
1156	UCART1	479759.83	3732002.05	479759.83	1.23309	1.29908	0.44054	0.00193	0.00101	0.00011	1.27E-05	1.15E-06	2.70E-05	3.22E-05	1.68E-05	3.44E-06	9.33E-05	3.2E-08	9.8E-08	5.6E-08	5.1E-08	2.3E-08	1.3E-09	3.1E-08	1.9E-08	1.7E-08	3.7E-09	7.1E-08
1157	UCART1	479809.83	3732002.05	479809.83	1.26169	1.3203	0.4599	0.00192	0.00104	0.00011	1.30E-05	1.17E-06	2.82E-05	3.20E-05	1.73E-05	3.44E-06	9.51E-05	3.3E-08	9.9E-08	5.8E-08	5.2E-08	2.4E-08	1.3E-09	3.1E-08	1.9E-08	1.7E-08	3.8E-09	7.3E-08
1158	UCART1	479859.83	3732002.05	479859.83	1.27506	1.32278	0.4775	0.00189	0.00107	0.00012	1.32E-05	1.17E-06	2.92E-05	3.15E-05	1.78E-05	3.75E-06	9.66E-05	3.3E-08	1.0E-07	5.8E-08	5.3E-08	2.4E-08	1.3E-09	3.2E-08	1.9E-08	1.7E-08	3.8E-09	7.4E-08
1159	UCART1	479909.83	3732002.05	479909.83	1.26754	1.30516	0.49484	0.00183	0.00108	0.00012	1.31E-05	1.15E-06	3.03E-05	3.05E-05	1.80E-05	3.75E-06	9.68E-05	3.4E-08	1.0E-07	5.9E-08	5.3E-08	2.4E-08	1.3E-09	3.2E-08	1.9E-08	1.8E-08	3.8E-09	7.4E-08
1160	UCART1	479959.83	3732002.05	479959.83	1.23693	1.26625	0.5116	0.00175	0.00108	0.00012	1.28E-05	1.12E-06	3.13E-05	2.92E-05	1.80E-05	3.75E-06	9.61E-05	3.3E-08	1.0E-07	5.8E-08	5.3E-08	2.4E-08	1.3E-09	3.2E-08	1.9E-08	1.7E-08	3.8E-09	7.3E-08
1161	UCART1	480009.83	3732002.05	480009.83	1.21315	1.22558	0.52583	0.00164	0.00107	0.00013	1.25E-05	1.08E-06	3.22E-05	2.73E-05	1.78E-05	4.06E-06	9.50E-05	3.3E-08	9.9E-08	5.7E-08	5.2E-08	2.4E-08	1.3E-09	3.1E-08	1.9E-08	1.7E-08	3.8E-09	7.2E-08
1162	UCART1	480059.83	3732002.05	480059.83	1.17537	1.17431	0.53936	0.00153	0.00104	0.00013	1.21E-05	1.04E-06	3.30E-05	2.55E-05	1.73E-05	4.06E-06	9.31E-05	3.2E-08	9.7E-08	5.6E-08	5.1E-08	2.3E-08	1.3E-09	3.1E-08	1.9E-08	1.7E-08	3.7E-09	7.1E-08
1163	UCART1	480109.83	3732002.05	480109.83	1.09496	1.10208	0.55288	0.00142	0.00101	0.00013	1.13E-05	9.73E-07	3.39E-05	2.37E-05	1.68E-05	4.06E-06	9.07E-05	3.1E-08	9.5E-08	5.5E-08	5.0E-08	2.3E-08	1.2E-09	3.0E-08	1.8E-08	1.6E-08	3.6E-09	6.9E-08
1164	UCART1	480159.83	3732002.05	480159.83	1.06338	1.06143	0.56387	0.00132	0.00097	0.00014	1.10E-05	9.37E-07	3.45E-05	2.20E-05	1.62E-05	4.37E-06	8.90E-05	3.1E-08	9.3E-08	5.4E-08	4.9E-08	2.2E-08	1.2E-09	2.9E-08	1.8E-08	1.6E-08	3.5E-09	6.8E-08
1165	UCART1	480209.83	3732002.05	480209.83	1.02167	0.98168	0.57434	0.00122	0.00093	0.00014	1.05E-05	8.67E-07	3.52E-05	2.03E-05	1.55E-05	4.37E-06	8.68E-05	3.0E-08	9.1E-08	5.3E-08	4.8E-08	2.2E-08	1.2E-09	2.9E-08	1.7E-08	1.5E-08	3.4E-09	6.6E-08
1166	UCART1	480259.83	3732002.05	480259.83	0.9813	0.9275	0.5841	0.00113	0.00089	0.00014	1.01E-05	8.19E-07	3.58E-05	1.88E-05	1.48E-05	4.37E-06	8.48E-05	2.9E-08	8.9E-08	5.1E-08	4.6E-08	2.1E-08	1.2E-09	2.8E-08	1.7E-08	1.5E-08	3.3E-09	6.5E-08
1167	UCART1	480309.83	3732002.05	480309.83	0.94715	0.89248	0.59294	0.00104	0.00084	0.00015	9.77E-06	7.88E-07	3.63E-05	1.73E-05	1.40E-05	4.69E-06	8.29E-05	2.9E-08	8.7E-08	5.0E-08	4.5E-08	2.1E-08	1.1E-09	2.7E-08	1.7E-08	1.5E-08	3.3E-09	6.3E-08
1168	UCART1	480359.83	3732002.05	480359.83	0.91273	0.86569	0.60159	0.00097	0.00079	0.00015	9.42E-06	7.64E-07	3.68E-05	1.62E-05	1.32E-05	4.69E-06	8.10E-05	2.8E-08	8.5E-08	4.9E-08	4.4E-08	2.0E-08	1.1E-09	2.7E-08	1.6E-08	1.5E-08	3.2E-09	6.2E-08
1169	UCART1	480409.83	3732002.05	480409.83	0.87833	0.83611	0.60946	0.0009	0.00075	0.00015	9.06E-06	7.38E-07	3.73E-05	1.50E-05	1.25E-05	4.69E-06	7.93E-05	2.7E-08	8.3E-08	4.8E-08	4.4E-08	2.0E-08	1.1E-09	2.6E-08	1.6E-08	1.4E-08	3.1E-09	6.0E-08
1170	UCART1	480459.83	3732002.05	480459.83	0.83422	0.78991	0.6136	0.00084	0.00071	0.00016	8.61E-06	6.97E-07	3.76E-05	1.40E-05	1.18E-05	5.00E-06	7.77E-05	2.7E-08	8.1E-08	4.7E-08	4.3E-08	1.9E-08	1.1E-09	2.6E-08	1.6E-08	1.4E-08	3.1E-09	5.9E-08
1171	UCART1	480509.83	3732002.05	480509.83	0.79698	0.75229	0.61892	0.00078	0.00067	0.00016	8.22E-06	6.66E-07	3.79E-05	1.30E-05	1.12E-05	5.00E-06	7.60E-05	2.6E-08	7.9E-08	4.6E-08	4.2E-08	1.9E-08	1.0E-09	2.5E-08	1.5E-08	1.4E-08	3.0E-09	5.8E-08
1172	UCART1	480559.83	3732002.05	480559.83	0.76518	0.73035	0.62454	0.00073	0.00064	0.00017	7.89E-06	6.45E-07	3.83E-05	1.22E-05	1.07E-05	5.31E-06	7.49E-05	2.6E-08	7.8E-08	4.5E-08	4.1E-08	1.9E-08	1.0E-09	2.5E-08	1.5E-08	1.4E-08	3.0E-09	5.7E-08
1173	UCART1	480609.83	3732002.05	480609.83	0.73513	0.70392	0.62958	0.00068	0.00061	0.00017	7.58E-06	6.21E-07	3.86E-05	1.13E-05	1.02E-05	5.31E-06	7.36E-05	2.5E-08	7.7E-08	4.5E-08	4.0E-08	1.8E-08	1.0E-09	2.4E-08	1.5E-08	1.3E-08	2.9E-09	5.6E-08
1174	UCART1	480659.83	3732002.05	480659.83	0.70708	0.67918	0.63367	0.00064	0.00058	0.00018	7.29E-06	6.00E-07	3.88E-05	1.07E-05	9.67E-06	5.62E-06	7.27E-05	2.5E-08	7.6E-08	4.4E-08	4.0E-08	1.8E-08	9.9E-10	2.4E-08	1.5E-08	1.3E-08	2.9E-09	5.5E-08
1175	UCART1	480709.83	3732002.05	480709.83	0.67323	0.64857	0.63702	0.00059	0.00055	0.00018	6.94E-06	5.73E-07	3.90E-05	9.83E-06	9.17E-06	5.62E-06	7.12E-05	2.5E-08	7.4E-08	4.3E-08	3.9E-08	1.8E-08	9.7E-10	2.3E-08	1.4E-08	1.3E-08	2.8E-09	5.4E-08
1176	UCART1	480759.83	3732002.05	480759.83	0.64942	0.6303	0.63966	0.00055	0.00052	0.00019	6.70E-06	5.56E-07	3.92E-05	9.17E-06	8.67E-06	5.94E-06	7.02E-05	2.4E-08	7.3E-08	4.2E-08	3.9E-08	1.8E-08	9.5E-10	2.3E-08	1.4E-08	1.3E-08	2.8E-09	5.4E-08
1177	UCART1	480809.83	3732002.05	480809.83	0.63104	0.61375	0.64153	0.00051	0.0005	0.0002	6.51E-06	5.42E-07	3.93E-05	8.50E-06	8.33E-06	6.25E-06	6.94E-05	2.4E-08	7.3E-08	4.2E-08	3.8E-08	1.7E-08	9.4E-10	2.3E-08	1.4E-08	1.3E-08	2.7E-09	5.3E-08
1178	UCART1	480859.83	3732002.05	480859.83	0.61283	0.5971	0.64423	0.00048	0.00048	0.0002	6.32E-06	5.27E-07	3.95E-05	8.00E-06	8.00E-06	6.25E-06	6.86E-05	2.4E-08	7.2E-08	4.1E-08	3.8E-08	1.7E-08	9.3E-10	2.3E-08	1.4E-08	1.2E-08	2.7E-09	5.2E-08
1179	UCART1	480909.83	3732002.05	480909.83	0.599	0.58508	0.63808	0.00044	0.00046	0.00021	6.18E-06	5.16E-07	3.91E-05	7.33E-06	7.67E-06	6.56E-06	6.73E-05	2.3E-08	7.0E-08	4.1E-08	3.7E-08	1.7E-08	9.2E-10	2.2E-08	1.3E-08	1.2E-08	2.7E-09	5.1E-08
1180	UCART1	480959.83	3732002.05	480959.83	0.58431	0.57196	0.62756	0.00041	0.00043	0.00022	6.03E-06	5.05E-07	3.84E-05	6.83E-06	7.17E-06	6.87E-06	6.58E-05	2.3E-08	6.9E-08	4.0E-08	3.6E-08	1.6E-08	9.0E-10	2.2E-08	1.3E-08	1.2E-08	2.6E-09	5.0E-08
1181	UCART1	481009.83	3732002.05	481009.83	0.56998	0.55894	0.62547	0.00038	0.00041	0.00024	5.88E-06	4.93E-07	3.83E-05	6.33E-06	6.83E-06	7.50E-06	6.53E-05	2.3E-08	6.8E-08	4.0E-08	3.6E-08	1.6E-08	8.9E-10	2.1E-08	1.3E-08	1.2E-08	2.6E-09	5.0E-08
1182	UCART1	481059.83	3732002.05	481059.83	0.55854	0.5495	0.62345	0.00036	0.0004	0.00025	5.76E-06	4.85E-07	3.82E-05	6.00E-06	6.67E-06	7.81E-06	6.49E-05	2.2E-08	6.8E-08	3.9E-08	3.6E-08	1.6E-08	8.8E-10	2.1E-08	1.3E-08	1.2E-08	2.6E-09	4.9E-08
1183	UCART1	481109.83	3732002.05	481109.83	0.54554	0.5379	0.62023	0.00033	0.00038	0.00026	5.63E-06	4.75E-07	3.80E-05	5.50E-06	6.33E-06	8.12E-06	6.40E-05	2.2E-08	6.7E-08	3.9E-08	3.5E-08	1.6E-08	8.7E-10	2.1E-08	1.3E-08	1.2E-08	2.5E-09	4.9E-08
1184	UCART1	481159.83	3732002.05	481159.83	0.53339	0.52712	0.61243	0.00031	0.00036	0.00028	5.50E-06	4.65E-07	3.75E-05	5.17E-06	6.00E-06	8.75E-06	6.34E-05	2.2E-08	6.6E-08	3.8E-08	3.5E-08	1.6E-08	8.6E-10	2.1E-08	1.3E-08	1.1E-08	2.5E-09	4.8E-08
1185	UCART1	481209.83	3732002.05	481209.83	0.52199	0.51708	0.60647	0.00029	0.00034	0.0003	5.38E-06	4.56E-07	3.71E-05	4.83E-06	5.67E-06	9.37E-06	6.29E-05	2.2E-08	6.6E-08	3.8E-08	3.4E-08	1.6E-08	8.5E-10	2.1E-08	1.3E-08	1.1E-08	2.5E-09	4.8E-08
1186	UCART1	481259.83	3732002.05	481259.83	0.51129	0.50771	0.59774	0.00027	0.00032	0.00032	5.27E-06	4.48E-07	3.66E-05	4.50E-06	5.33E-06	1.00E-05	6.22E-05	2.2E-08	6.5E-08	3.8E-08	3.4E-08	1.6E-08	8.5E-10	2.0E-08	1.2E-08	1.1E-08	2.5E-09	4.7E-08
1187	UCART1	481309.83	3732002.05	481309.83	0.50121	0.49892	0.59459	0.00025	0.00031	0.00035	5.17E-06	4.40E-07	3.64E-05	4.17E-06	5.17E-06	1.09E-05	6.23E-05	2.2E-08	6.5E-08	3.8E-08	3.4E-08	1.6E-08	8.5E-10	2.0E-08	1.2E-08	1.1E-08	2.5E-09	4.7E-08
1188	UCART1	481359.83	3732002.05	481359.83	0.49174	0.49069	0.59158	0.00023	0.00029	0.00038	5.07E-06	4.33E-07	3.62E-05	3.83E-06	4.83E-06	1.19E-05	6.23E-05	2.2E-08	6.5E-08	3.8E-08	3.4E-08	1.6E-08	8.5E-10	2.0E-08	1.2E-08	1.1E-08	2.5E-09	4.7E-08
1189	UCART1	481409.83	3732002.05	481409.83	0.48281	0.48297	0.58823	0.00022	0.00028	0.00041	4.98E-06	4.26E-07	3.60E-05	3.67E-06	4.67E-06	1.28E-05	6.26E-05	2.2E-08	6.5E-08	3.8E-08	3.4E-08	1.6E-08	8.5E-10	2.1E-08	1.2E-08	1.1E-08	2.5E-09	4.8E-08
1190	UCART1	481459.83	3732002.05	481459.83	0.47438	0.47569	0.58454	0.0002	0.00026	0.00044	4.89E-06	4.20E-07	3.58E-05	3.33E-06	4.33E-06	1.37E-05	6.25E-05	2.2E-08	6.5E-08	3.8E-08	3.4E-08	1.6E-08	8.5E-10	2.1E-08	1.2E-08	1.1E-08	2.5E-09	4.8E-08
1191	UCART1	481509.83	3732002.05	481509.83	0.46638	0.46879	0.58053	0.00019	0.00025	0.00048	4.81E-06	4.14E-07	3.56E-05	3.17E-06	4.17E-06	1.50E-05	6.31E-05	2.2E-08	6.6E-08	3.8E-08	3.5E-08	1.6E-08	8.6E-10	2.1E-08	1.3E-08	1.1E-08	2.5E-09	4.8E-08
1192	UCART1	481559.83	3732002.05	481559.83	0.45877	0.46223	0.5762	0.00018	0.00024	0.00052	4.73E-06	4.08E-07	3.53E-05	3.00E-06	4.00E-06

1268	UCART2	481359.83	3732102.05	481359.83	0.51926	0.51878	0.6417	0.00021	0.00028	0.00041	5.36E-06	4.58E-07	3.93E-05	3.50E-06	4.67E-06	1.28E-05	6.61E-05	2.3E-08	6.9E-08	4.0E-08	3.6E-08	1.7E-08	9.0E-10	2.2E-08	1.3E-08	1.2E-08	2.6E-09	5.0E-08
1269	UCART2	481409.83	3732102.05	481409.83	0.51018	0.51105	0.63786	0.0002	0.00027	0.00045	5.26E-06	4.51E-07	3.91E-05	3.33E-06	4.50E-06	1.41E-05	6.67E-05	2.3E-08	7.0E-08	4.0E-08	3.7E-08	1.7E-08	9.1E-10	2.2E-08	1.3E-08	1.2E-08	2.6E-09	5.1E-08
1270	UCART2	481459.83	3732102.05	481459.83	0.50163	0.5038	0.63363	0.00018	0.00025	0.00049	5.17E-06	4.45E-07	3.88E-05	3.00E-06	4.17E-06	1.53E-05	6.69E-05	2.3E-08	7.0E-08	4.0E-08	3.7E-08	1.7E-08	9.1E-10	2.2E-08	1.3E-08	1.2E-08	2.6E-09	5.1E-08
1271	UCART2	481509.83	3732102.05	481509.83	0.49355	0.49697	0.62902	0.00017	0.00024	0.00054	5.09E-06	4.39E-07	3.85E-05	2.83E-06	4.00E-06	1.69E-05	6.78E-05	2.3E-08	7.1E-08	4.1E-08	3.7E-08	1.7E-08	9.2E-10	2.2E-08	1.4E-08	1.2E-08	2.7E-09	5.2E-08
1272	UCART2	481559.83	3732102.05	481559.83	0.48588	0.4905	0.62404	0.00016	0.00022	0.00059	5.01E-06	4.33E-07	3.82E-05	2.67E-06	3.67E-06	1.84E-05	6.84E-05	2.4E-08	7.2E-08	4.1E-08	3.8E-08	1.7E-08	9.3E-10	2.2E-08	1.4E-08	1.2E-08	2.7E-09	5.2E-08
1273	UCART2	481609.83	3732102.05	481609.83	0.47857	0.48433	0.6187	0.00015	0.00021	0.00064	4.94E-06	4.28E-07	3.79E-05	2.50E-06	3.50E-06	2.00E-05	6.93E-05	2.4E-08	7.2E-08	4.2E-08	3.8E-08	1.7E-08	9.4E-10	2.3E-08	1.4E-08	1.3E-08	2.7E-09	5.3E-08
1274	UCART2	481659.83	3732102.05	481659.83	0.47156	0.47841	0.61301	0.00014	0.0002	0.00069	4.86E-06	4.22E-07	3.75E-05	2.33E-06	3.33E-06	2.16E-05	7.01E-05	2.4E-08	7.3E-08	4.2E-08	3.8E-08	1.8E-08	9.5E-10	2.3E-08	1.4E-08	1.3E-08	2.8E-09	5.3E-08
1275	UCART2	479709.83	3732152.05	479709.83	1.52343	1.62469	0.48824	0.00276	0.00125	0.00011	1.57E-05	1.43E-06	2.99E-05	4.60E-05	2.08E-05	3.44E-06	1.17E-04	4.1E-08	1.2E-07	7.1E-08	6.4E-08	2.9E-08	1.6E-09	3.9E-08	2.3E-08	2.1E-08	4.6E-09	8.9E-08
1276	UCART2	479759.83	3732152.05	479759.83	1.56454	1.65292	0.50852	0.00276	0.0013	0.00011	1.61E-05	1.46E-06	3.11E-05	4.60E-05	2.17E-05	3.44E-06	1.20E-04	4.1E-08	1.3E-07	7.3E-08	6.6E-08	3.0E-08	1.6E-09	3.9E-08	2.4E-08	2.2E-08	4.7E-09	9.1E-08
1277	UCART2	479809.83	3732152.05	479809.83	1.58859	1.65809	0.5285	0.00269	0.00134	0.00012	1.64E-05	1.46E-06	3.24E-05	4.48E-05	2.23E-05	3.75E-06	1.21E-04	4.2E-08	1.3E-07	7.3E-08	6.6E-08	3.0E-08	1.6E-09	4.0E-08	2.4E-08	2.2E-08	4.8E-09	9.2E-08
1278	UCART2	479859.83	3732152.05	479859.83	1.59217	1.63995	0.54795	0.00259	0.00136	0.00012	1.64E-05	1.45E-06	3.36E-05	4.32E-05	2.27E-05	3.75E-06	1.21E-04	4.2E-08	1.3E-07	7.3E-08	6.6E-08	3.0E-08	1.6E-09	4.0E-08	2.4E-08	2.2E-08	4.8E-09	9.2E-08
1279	UCART2	479909.83	3732152.05	479909.83	1.5704	1.59875	0.56704	0.00242	0.00136	0.00013	1.62E-05	1.41E-06	3.47E-05	4.03E-05	2.27E-05	4.06E-06	1.19E-04	4.1E-08	1.2E-07	7.2E-08	6.5E-08	3.0E-08	1.6E-09	3.9E-08	2.4E-08	2.2E-08	4.7E-09	9.1E-08
1280	UCART2	479959.83	3732152.05	479959.83	1.5326	1.54018	0.58507	0.00224	0.00134	0.00013	1.58E-05	1.36E-06	3.58E-05	3.73E-05	2.23E-05	4.06E-06	1.17E-04	4.0E-08	1.2E-07	7.1E-08	6.4E-08	2.9E-08	1.6E-09	3.8E-08	2.3E-08	2.1E-08	4.6E-09	8.9E-08
1281	UCART2	480009.83	3732152.05	480009.83	1.48426	1.46854	0.60195	0.00205	0.00131	0.00013	1.53E-05	1.30E-06	3.69E-05	3.42E-05	2.18E-05	4.06E-06	1.14E-04	3.9E-08	1.2E-07	6.9E-08	6.2E-08	2.8E-08	1.5E-09	3.7E-08	2.3E-08	2.1E-08	4.5E-09	8.7E-08
1282	UCART2	480059.83	3732152.05	480059.83	1.416	1.38481	0.61779	0.00187	0.00126	0.00014	1.46E-05	1.22E-06	3.78E-05	3.12E-05	2.10E-05	4.37E-06	1.10E-04	3.8E-08	1.2E-07	6.7E-08	6.0E-08	2.8E-08	1.5E-09	3.6E-08	2.2E-08	2.0E-08	4.4E-09	8.4E-08
1283	UCART2	480109.83	3732152.05	480109.83	1.33264	1.30377	0.63218	0.0017	0.0012	0.00014	1.37E-05	1.15E-06	3.87E-05	2.83E-05	2.00E-05	4.37E-06	1.06E-04	3.7E-08	1.1E-07	6.4E-08	5.8E-08	2.7E-08	1.4E-09	3.5E-08	2.1E-08	1.9E-08	4.2E-09	8.1E-08
1284	UCART2	480159.83	3732152.05	480159.83	1.25326	1.22478	0.64517	0.00155	0.00114	0.00015	1.29E-05	1.08E-06	3.95E-05	2.58E-05	1.90E-05	4.69E-06	1.03E-04	3.6E-08	1.1E-07	6.2E-08	5.7E-08	2.6E-08	1.4E-09	3.4E-08	2.1E-08	1.9E-08	4.1E-09	7.9E-08
1285	UCART2	480209.83	3732152.05	480209.83	1.17826	1.11649	0.6568	0.00142	0.00108	0.00015	1.22E-05	9.86E-07	4.02E-05	2.37E-05	1.80E-05	4.69E-06	9.97E-05	3.5E-08	1.0E-07	6.0E-08	5.5E-08	2.5E-08	1.4E-09	3.3E-08	2.0E-08	1.8E-08	3.9E-09	7.6E-08
1286	UCART2	480259.83	3732152.05	480259.83	1.1226	1.04944	0.66621	0.00129	0.00101	0.00016	1.16E-05	9.26E-07	4.08E-05	2.15E-05	1.68E-05	5.00E-06	9.66E-05	3.3E-08	1.0E-07	5.8E-08	5.3E-08	2.4E-08	1.3E-09	3.2E-08	1.9E-08	1.7E-08	3.8E-09	7.4E-08
1287	UCART2	480309.83	3732152.05	480309.83	1.06741	1.0002	0.67466	0.00119	0.00095	0.00016	1.10E-05	8.83E-07	4.13E-05	1.98E-05	1.58E-05	5.00E-06	9.39E-05	3.2E-08	9.8E-08	5.7E-08	5.1E-08	2.3E-08	1.3E-09	3.1E-08	1.9E-08	1.7E-08	3.7E-09	7.2E-08
1288	UCART2	480359.83	3732152.05	480359.83	1.0144	0.95338	0.68282	0.00109	0.00089	0.00017	1.05E-05	8.42E-07	4.18E-05	1.82E-05	1.48E-05	5.31E-06	9.14E-05	3.2E-08	9.6E-08	5.5E-08	5.0E-08	2.3E-08	1.2E-09	3.0E-08	1.8E-08	1.7E-08	3.6E-09	7.0E-08
1289	UCART2	480409.83	3732152.05	480409.83	0.96375	0.90889	0.69018	0.001	0.00084	0.00017	9.94E-06	8.02E-07	4.23E-05	1.67E-05	1.40E-05	5.31E-06	8.90E-05	3.1E-08	9.3E-08	5.4E-08	4.9E-08	2.2E-08	1.2E-09	2.9E-08	1.8E-08	1.6E-08	3.5E-09	6.8E-08
1290	UCART2	480459.83	3732152.05	480459.83	0.9171	0.86852	0.69709	0.00091	0.00079	0.00018	9.46E-06	7.67E-07	4.27E-05	1.52E-05	1.32E-05	5.62E-06	8.69E-05	3.0E-08	9.1E-08	5.3E-08	4.8E-08	2.2E-08	1.2E-09	2.9E-08	1.7E-08	1.6E-08	3.4E-09	6.6E-08
1291	UCART2	480509.83	3732152.05	480509.83	0.87481	0.83117	0.70336	0.00084	0.00074	0.00018	9.02E-06	7.34E-07	4.31E-05	1.40E-05	1.23E-05	5.62E-06	8.48E-05	2.9E-08	8.9E-08	5.1E-08	4.7E-08	2.1E-08	1.2E-09	2.8E-08	1.7E-08	1.5E-08	3.3E-09	6.5E-08
1292	UCART2	480559.83	3732152.05	480559.83	0.83589	0.79663	0.70887	0.00077	0.0007	0.00019	8.62E-06	7.03E-07	4.34E-05	1.28E-05	1.17E-05	5.94E-06	8.32E-05	2.9E-08	8.7E-08	5.0E-08	4.6E-08	2.1E-08	1.1E-09	2.7E-08	1.7E-08	1.5E-08	3.3E-09	6.3E-08
1293	UCART2	480609.83	3732152.05	480609.83	0.80038	0.75665	0.71367	0.0007	0.00066	0.00019	8.26E-06	6.68E-07	4.37E-05	1.17E-05	1.10E-05	5.94E-06	8.12E-05	2.8E-08	8.5E-08	4.9E-08	4.5E-08	2.0E-08	1.1E-09	2.7E-08	1.6E-08	1.5E-08	3.2E-09	6.2E-08
1294	UCART2	480659.83	3732152.05	480659.83	0.75787	0.72974	0.71768	0.00064	0.00062	0.0002	7.82E-06	6.44E-07	4.40E-05	1.07E-05	1.03E-05	6.25E-06	7.97E-05	2.8E-08	8.3E-08	4.8E-08	4.4E-08	2.0E-08	1.1E-09	2.6E-08	1.6E-08	1.4E-08	3.1E-09	6.1E-08
1295	UCART2	480709.83	3732152.05	480709.83	0.73198	0.70623	0.7212	0.00059	0.00059	0.0002	7.55E-06	6.23E-07	4.42E-05	9.83E-06	9.83E-06	6.25E-06	7.83E-05	2.7E-08	8.2E-08	4.7E-08	4.3E-08	2.0E-08	1.1E-09	2.6E-08	1.6E-08	1.4E-08	3.1E-09	6.0E-08
1296	UCART2	480759.83	3732152.05	480759.83	0.70844	0.68499	0.72412	0.00054	0.00056	0.00021	7.31E-06	6.05E-07	4.43E-05	9.00E-06	9.33E-06	6.56E-06	7.72E-05	2.7E-08	8.1E-08	4.7E-08	4.2E-08	1.9E-08	1.0E-09	2.5E-08	1.5E-08	1.4E-08	3.0E-09	5.9E-08
1297	UCART2	480809.83	3732152.05	480809.83	0.68718	0.66602	0.72595	0.00049	0.00053	0.00022	7.09E-06	5.88E-07	4.45E-05	8.17E-06	8.83E-06	6.87E-06	7.60E-05	2.6E-08	7.9E-08	4.6E-08	4.2E-08	1.9E-08	1.0E-09	2.5E-08	1.5E-08	1.4E-08	3.0E-09	5.8E-08
1298	UCART2	480859.83	3732152.05	480859.83	0.6677	0.64876	0.72696	0.00045	0.0005	0.00023	6.89E-06	5.73E-07	4.45E-05	7.50E-06	8.33E-06	7.19E-06	7.50E-05	2.6E-08	7.8E-08	4.5E-08	4.1E-08	1.9E-08	1.0E-09	2.5E-08	1.5E-08	1.4E-08	3.0E-09	5.7E-08
1299	UCART2	480909.83	3732152.05	480909.83	0.64891	0.63202	0.7265	0.00041	0.00048	0.00024	6.69E-06	5.58E-07	4.45E-05	6.83E-06	8.00E-06	7.50E-06	7.41E-05	2.6E-08	7.7E-08	4.5E-08	4.1E-08	1.9E-08	1.0E-09	2.4E-08	1.5E-08	1.3E-08	2.9E-09	5.6E-08
1300	UCART2	480959.83	3732152.05	480959.83	0.63172	0.61689	0.72306	0.00038	0.00045	0.00025	6.52E-06	5.45E-07	4.43E-05	6.33E-06	7.50E-06	7.81E-06	7.30E-05	2.5E-08	7.6E-08	4.4E-08	4.0E-08	1.8E-08	9.9E-10	2.4E-08	1.5E-08	1.3E-08	2.9E-09	5.6E-08
1301	UCART2	481009.83	3732152.05	481009.83	0.61596	0.60316	0.71933	0.00035	0.00042	0.00026	6.35E-06	5.32E-07	4.41E-05	5.83E-06	7.00E-06	8.12E-06	7.19E-05	2.5E-08	7.5E-08	4.4E-08	3.9E-08	1.8E-08	9.8E-10	2.4E-08	1.4E-08	1.3E-08	2.8E-09	5.5E-08
1302	UCART2	481059.83	3732152.05	481059.83	0.60134	0.59052	0.71428	0.00032	0.0004	0.00028	6.20E-06	5.21E-07	4.37E-05	5.33E-06	6.67E-06	8.75E-06	7.12E-05	2.5E-08	7.4E-08	4.3E-08	3.9E-08	1.8E-08	9.7E-10	2.3E-08	1.4E-08	1.3E-08	2.8E-09	5.4E-08
1303	UCART2	481109.83	3732152.05	481109.83	0.59071	0.5823	0.70872	0.0003	0.00038	0.0003	6.09E-06	5.14E-07	4.34E-05	5.00E-06	6.33E-06	9.37E-06	7.07E-05	2.4E-08	7.4E-08	4.3E-08	3.9E-08	1.8E-08	9.6E-10	2.3E-08	1.4E-08	1.3E-08	2.8E-09	5.4E-08
1304	UCART2	481159.83	3732152.05	481159.83	0.57762	0.571	0.69342	0.00027	0.00036	0.00032	5.96E-06	5.04E-07	4.25E-05	4.50E-06	6.00E-06	1.00E-05	6.94E-05	2.4E-08	7.3E-08	4.2E-08	3.8E-08	1.7E-08	9.4E-10	2.3E-08	1.4E-08	1.3E-08	2.7E-09	5.3E-08
1305	UCART2	481209.83	3732152.05	481209.83	0.56551	0.56061	0.67921	0.00025	0.00033	0.00034	5.83E-06	4.95E-07	4.16E-05	4.17E-06	5.50E-06	1.06E-05	6.82E-05	2.4E-08	7.1E-08	4.1E-08	3.7E-08	1.7E-08	9.3E-10	2.2E-08	1.4E-08	1.2E-08	2.7E-09	5.2E-08
1306	UCART2	481259.83	3732152.05	481259.83	0.55429	0.55104	0.67634	0.00023	0.00032	0.00036	5.72E-06	4.86E-07	4.14E-05	3.83E-06	5.33E-06	1.12E-05	6.80E-05	2.4E-08	7.1E-08	4.1E-08	3.7E-08	1.7E-08	9.3E-10	2.2E-08	1.4E-08	1.2E-08	2.7E-09	5.2E-08
1307	UCART2	481309.83	3732152.05	481309.83	0.54387	0.5422	0.67303	0.00022	0.0003	0.0004	5.61E-06	4.79E-07	4.12E-05	3.67E-06	5.00E-06	1.25E-05	6.85E-05	2.4E-08	7.2E-08	4.1E-08	3.8E-08	1.7E-08	9.3E-10	2.2E-08	1.4E-08	1.2E-08	2.7E-09	5.2E-08
1308	UCART2	481359.83	3732152.05	481359.83	0.53414	0.53398	0.66933	0.0002	0.00028	0.00043	5.51E-06	4.71E-07	4.10E-05	3.33E-06	4.67E-06	1.34E-05	6.84E-05	2.4E-08	7.2E-08	4.1E-08	3.8E-08	1.7E-08	9.3E-10	2.2E-08	1.4E-08	1.2E-08	2.7E-09	5.2E-08
1309	UCART2	481409.83	3732152.05	481409.83	0.52503	0.52632	0.66522	0.00019	0.00026	0.00047	5.42E-06	4.65E-07	4.07E-05	3.17E-06	4.33E-06	1.47E-05	6.88E-05	2.4E-08	7.2E-08	4.2E-08	3.8E-08	1.7E-08	9.4E-10	2.3E-08	1.4E-08	1.2E-08	2.7E-09	5.2E-08
1310	UCART2	481459.83	3732152.05	481459.83	0.51648	0.51915	0.6607	0.00017	0.00025	0.00052	5.33E-06	4.58E-07	4.05E-05	2.83E-06	4.17E-06	1.62E-05	6.95E-05	2.4E-08	7.3E-08	4.2E-08	3.8E-08	1.7E-08	9.5E-10	2.3E-08	1.4E-08	1.3E-08	2.7E-09	5.3E-08
1311	UCART2	481509.83	3732152.05	481509.83	0.50842	0.51241	0.65576	0.00016	0.00023	0.00057	5.24E-06	4.52E-07	4.02E-05	2.67E-06	3.83E-06	1.78E-05	7.02E-05	2.4E-08	7.3E-08	4.2E-08	3.8E-08	1.8E-08	9.5E-10	2.3E-08	1.4E-08	1.3E-08	2.8E-09	5.3E-08
1312	UCART2	481559.83	3732152.05	481559.83	0.50077	0.50604	0.65044	0.00015	0.00022	0.00062	5.17E-06	4.47E-07	3.98E-05	2.50E-06	3.67E-06	1.94E-05	7.10E-05	2.5E-08	7.4E-08	4.3E-08	3.9E-08	1.8E-08	9.7E-10	2.3E-08	1.4E-08	1.3E-08	2.8E-09	5.4E-08
1313	UCART2	481609.83	3732152.05	481609.83	0.49349	0.49007	0.64496	0.00014	0.0002	0.00068	5.09E-06	4.41E-07	3.95E-05	2.33E-06	3.33E-06	2.12E-05	7.19E-05	2.5E-08	7.5E-08	4.4E-08	3.9E-08	1.8E-08	9.8E-10	2.4E-08	1.4E-08	1.3E-08	2.8E-09	5.5E-08
1314	UCART2	481659.83	3732152.05	481659.83	0.4865	0.49415	0.63857	0.00014	0.00019	0.00074	5.02E-06	4.36E-07	3.91E-05	2.33E-06	3.17E-06	2.31E-05	7.32E-05	2.5E-08	7.6E-08	4.4E-08	4.0E-08	1.8E-08	1.0E-09	2.4E-08	1.5E-08	1.3E-08	2.9E-09	5.6E-08
1315	UCART2	479709.83	3732202.05	479709.83	1.66238	1.77429	0.50733	0.00315	0.00137	0.00011	1.71E-05	1.57E-06	3.11E-05	5.25E-05	2.28E-05	3.44E-06	1.29E-04	4.5E-08	1.3E-07	7.8E-08	7.1E-08	3.2E-08	1.7E-09	4.2E-08	2.6E-08	2.3E-08	5.1E-09	9.8E-08
1316	UCART2	479759.83	3732202.05	479759.83	1.71011	1.80413	0.531	0.00313	0.00143	0.00012	1.76E-05	1.59E-06	3.25E-05	5.22E-05	2.38E-05	3.75E-06	1.32E-04	4.6E-08	1.4E-07	8.0E-08	7.2E-08	3.3E-08	1.8E-09	4.3E-08	2.6E-08	2.4E-08	5.2E-09	1.0E-07
1317	UCART2	479809.83	3732202.05	479809.83	1.73844	1.80608	0.5517	0.00304	0.00147	0.00012	1.79E-05	1.59E-06	3.38E-05	5.07E-05	2.45E-05	3.75E-06	1.32E-04	4.6E-08	1.4E-07	8.0E-08	7.3E-08	3.3E-08	1.8E-09	4.3E-08	2.6E-08	2.4E-08	5.2E-09	1.0E-07
1318	UCART2	479859.83	3732202.05	479859.83	1.74017	1.77929	0.57293	0.00287	0.00148	0.00012	1.80E-05	1.57E-06	3.51E-05	4.78E-05	2.47E-05	3.75E-06	1.31E-04	4.5E-08	1.4E-07	7.9E-08	7.2E-08	3.3E-08	1.8E-09	4.3E-08	2.6E-08	2.4E-08	5.2E-09	1.0E-07
1319	UCART2	479909.83	3732202.05	479909.83	1.70736	1.72324	0.59411	0.00266	0.00148	0.00013	1.76E-05	1.52E-06	3.64E-05	4.43E-05	2.47E-05	4.06E-06	1.29E-04	4.5E-08	1.3E-07	7.8E-08	7.1E-08	3.2E-08	1.7E-09	4.2E-08	2.6E-08	2.3E-08	5.1E-09	9.8E-08
1320	UCART2	479959.83	3732202.05	479959.83	1.6517	1.64628	0.61391	0.00244	0.00145	0.00013	1.70E-05	1.45E-06	3.76E-05	4.07E-05	2.42E-05	4.06E-06	1.25E-04	4.3E-08	1.3E-07	7.6E-08	6.9E-08	3.1E-08	1.7E-09	4.1E-08	2.5E-08	2.3E-08	4.9E-09	9.5E-08
1321	UCART2	480009.83	3732202.05	480009.83	1.58051	1.55077	0.63242	0.00222	0.00141	0.00014	1.63E-05	1.37E-06	3.87E-05	3.70E-05	2.35E-05	4.37E-06	1.21E-04	4.2E-08	1.3E-07	7.3E-08	6.7E-08	3.0E-08	1.6E-09	4.0E-08	2.4E-08	2.2E-08	4.8E-09	9.2E-08
1322	UCART2	480059.83	3732202.05	480059.83	1.48543	1.44891	0.64917	0.00201	0.00135	0.00014	1.53E-05	1.28E-06	3.98E-05	3.35E-05	2.25E-05	4.37E-06	1.17E-04	4.0E-08	1.2E-07	7.1E-08	6.4E-08	2.9E-08	1.6E-09	3.8E-08	2.3E-08	2.1E-08	4.6E-09	8.9E-08
1323	UCART2	480109.83	3732202.05	480109.83	1.38558	1.35417	0.66396	0.00182	0.00128	0.00015	1.43E-05	1.20E-06	4.07E-05	3.03E-05	2.13E-05	4.69E-06	1.13E-04	3.9E-08	1.2E-07	6.8E-08	6.2E-08	2.8E-08	1.5E-09	3.7E-08	2.2E-08	2.0E-08	4.4E-09	8.6E-08
1324	UCART2	480159.83	3732202.05	480159.83	1.29804	1.25249	0.67696	0.00165	0.00121	0.00015	1.34E-05	1.08E-06	4.15E-05	2.75E-05	2.02E-05	4.69E-06	1.08E-04	3.7E-08	1.1E-07	6.6E-08	5.9E-08	2.7E-08	1.5E-09	3.6E-08	2.2E-08	2.0E-08	4.3E-09	8.3E-08
1325	UCART2	480209.83	3732202.05	480209.83	1.23468	1.15529	0.68847	0.00149	0.00113	0.00016	1.27E-05	1.02E-06	4.22E-05	2.48E-05	1.88E-05	5.00E-06	1.05E-04	3.6E-08	1.1E-07	6.3E-08	5.7E-08	2.6E-08	1.4E-09	3.4E-08	2.1E-08	1.9E-08	4.1E-09	8.0E-08
1326	UCART2	480259.83	3732202.05	480259.83	1.17146	1.09364	0.69723	0.00136	0.00106	0.00016	1.21E-05	9.65E-07	4.27E-05	2.27E-05	1.77E-05	5.00E-06	1.01E-04	3.5E-08	1.1E-07	6.1E-08	5.5E-08	2.5E-08	1.4E-09	3.3E-08	2.0E-08	1.8E-08	4.0E-09	7.7E-08
1327	UCART2	480309.83	3732202.05	480309.83	1.10756	1.0372	0.70562	0.00123	0.00099	0.00017	1.14E-05	9.16E-07	4.32E-05	2.05E-05	1.65E-05	5.31E-06	9.79E-05	3.4E-08	1.0E-07	5.9E-08	5.4E-08	2.4E-08	1.3E-09	3.2E-08	2.0E-08	1.8E-08	3.9E-09	7.5E-08
1328	UCART2	480359.83	3732202.05	480359.83	1.05083	0.987	0.71437	0.00112	0.00093	0.00017	1.08E-05	8.71E-07	4.38E-05	1.87E-05	1.55E-05	5.31E-06	9.49E-05	3.3E-08	9.9E-08	5.7E-08	5.2E-08	2.4E-08	1.3E-09	3.1E-08	1.9E-08	1.7E-08	3.7E-09	7.2E-08
1329	UCART2	480409.83	3732202.05	480409.83	0.99632	0.93948	0.72185	0.00102	0.00087	0.00018	1.03E-05	8.29E-07	4.42E-05	1.70E-05	1.45E-05	5.62E-06	9.24E-05	3.2E-08	9.7E-08	5.6E-08	5.1E-08	2.3E-08	1.3E-09	3.0E-08	1.8E-08	1.7E-08	3.6E-09	7.0E-08
1330	UCART2	480459.83	3732202.05	480459.83	0.94764	0.89656	0.72913	0.00093	0.00081	0.00018	9.78E-06	7.91E-07	4.47E-05	1.55E-05	1.35E-05	5.62E-06	8.98E-05	3.1E-08	9.4E-08	5.4E-08	4.9E-08	2.2E-08	1.2E-09	3.0E-08	1.8E-08	1.6E-08	3.5E-09	6.8E-08
1331	UCART2	480509.83	3732202.05	480509.83	0.90251	0.85649	0.73546	0.00084	0.00076	0.00019	9.31E-06	7.56E-07	4.50E-05	1.40E-05	1.27E-05	5.94E-06	8.77E-05	3.0E-08	9.2E-08	5.3E-08	4.8E-08	2.2E-08	1.2E-09	2.9E-08	1.8E-08	1.6E-08	3.5E-09	6.7E-08
1332	UCART2	480559.83	3732202.05	480559.83	0.86123	0.81976	0.74096	0.00077	0.00072	0.00019	8.88E-06	7.24E-07	4.54E-05	1.28E-05	1.20E-05	5.94E-06	8.58E-05	3.0E-08	9.0E-08	5.2E-08	4.7E-08	2.1E-08	1.2E-09	2.8E-08	1.7E-08	1.6E-08	3.4E-09	6.5E-08
1333	UCART2	480609.83	3732202.05	480609.83	0.81859	0.77796	0.74575	0.0007	0.00068	0.0002	8.44E-06	6.87E-07	4.57E-05	1.17E-05	1.13E-05	6.25E-06	8.41E-05	2.9E-08	8.8E-08	5.1E-08	4.6E-08	2.1E-08	1.1E-09	2.8E-08	1.7E-08	1.5E-08	3.3E-09	6.4E-08
1334	UCART2	480659.83	3732202.05	480659.83	0.78131	0.75101	0.74976	0.00064	0.00064	0.00021	8.06E-06	6.63E-07	4.59E-05	1.07E-05	1.07E-05	6.56E-06	8.25E-05

1410	UCART2	480459.83	3732302.05	480459.83	1.01022	0.95317	0.79953	0.00095	0.00087	0.0002	1.04E-05	8.41E-07	4.90E-05	1.58E-05	1.45E-05	6.25E-06	9.68E-05	3.4E-08	1.0E-07	5.9E-08	5.3E-08	2.4E-08	1.3E-09	3.2E-08	1.9E-08	1.8E-08	3.8E-09	7.4E-08
1411	UCART2	480509.83	3732302.05	480509.83	0.96005	0.90819	0.80616	0.00084	0.00082	0.0002	9.90E-06	8.02E-07	4.94E-05	1.40E-05	1.37E-05	6.25E-06	9.40E-05	3.3E-08	9.8E-08	5.7E-08	5.2E-08	2.4E-08	1.3E-09	3.1E-08	1.9E-08	1.7E-08	3.7E-09	7.2E-08
1412	UCART2	480559.83	3732302.05	480559.83	0.91453	0.8605	0.8121	0.00076	0.00076	0.00021	9.43E-06	7.60E-07	4.97E-05	1.27E-05	1.27E-05	6.56E-06	9.18E-05	3.2E-08	9.6E-08	5.6E-08	5.0E-08	2.3E-08	1.2E-09	3.0E-08	1.8E-08	1.7E-08	3.6E-09	7.0E-08
1413	UCART2	480609.83	3732302.05	480609.83	0.86309	0.8245	0.81694	0.00068	0.00071	0.00022	8.90E-06	7.28E-07	5.00E-05	1.13E-05	1.18E-05	6.87E-06	8.97E-05	3.1E-08	9.4E-08	5.4E-08	4.9E-08	2.2E-08	1.2E-09	2.9E-08	1.8E-08	1.6E-08	3.5E-09	6.8E-08
1414	UCART2	480659.83	3732302.05	480659.83	0.82937	0.79418	0.82126	0.00061	0.00067	0.00023	8.56E-06	7.01E-07	5.03E-05	1.02E-05	1.12E-05	7.19E-06	8.81E-05	3.0E-08	9.2E-08	5.3E-08	4.8E-08	2.2E-08	1.2E-09	2.9E-08	1.8E-08	1.6E-08	3.5E-09	6.7E-08
1415	UCART2	480709.83	3732302.05	480709.83	0.79931	0.7675	0.82475	0.00054	0.00063	0.00023	8.25E-06	6.77E-07	5.05E-05	9.00E-06	1.05E-05	7.19E-06	8.61E-05	3.0E-08	9.0E-08	5.2E-08	4.7E-08	2.2E-08	1.2E-09	2.8E-08	1.7E-08	1.6E-08	3.4E-09	6.6E-08
1416	UCART2	480759.83	3732302.05	480759.83	0.77221	0.74372	0.82729	0.00049	0.00059	0.00024	7.97E-06	6.57E-07	5.07E-05	8.17E-06	9.83E-06	7.50E-06	8.48E-05	2.9E-08	8.9E-08	5.1E-08	4.7E-08	2.1E-08	1.2E-09	2.8E-08	1.7E-08	1.5E-08	3.3E-09	6.5E-08
1417	UCART2	480809.83	3732302.05	480809.83	0.74752	0.72218	0.82921	0.00044	0.00055	0.00025	7.71E-06	6.37E-07	5.08E-05	7.33E-06	9.17E-06	7.81E-06	8.34E-05	2.9E-08	8.7E-08	5.0E-08	4.6E-08	2.1E-08	1.1E-09	2.7E-08	1.7E-08	1.5E-08	3.3E-09	6.4E-08
1418	UCART2	480859.83	3732302.05	480859.83	0.72431	0.70187	0.83009	0.0004	0.00051	0.00026	7.47E-06	6.20E-07	5.08E-05	6.67E-06	8.50E-06	8.12E-06	8.22E-05	2.8E-08	8.6E-08	5.0E-08	4.5E-08	2.1E-08	1.1E-09	2.7E-08	1.6E-08	1.5E-08	3.2E-09	6.3E-08
1419	UCART2	480909.83	3732302.05	480909.83	0.70356	0.68394	0.82645	0.00036	0.00048	0.00028	7.26E-06	6.04E-07	5.06E-05	6.00E-06	8.00E-06	8.75E-06	8.12E-05	2.8E-08	8.5E-08	4.9E-08	4.5E-08	2.0E-08	1.1E-09	2.7E-08	1.6E-08	1.5E-08	3.2E-09	6.2E-08
1420	UCART2	480959.83	3732302.05	480959.83	0.68448	0.66755	0.82418	0.00033	0.00045	0.00029	7.06E-06	5.89E-07	5.05E-05	5.50E-06	7.50E-06	9.06E-06	8.02E-05	2.8E-08	8.4E-08	4.9E-08	4.4E-08	2.0E-08	1.1E-09	2.6E-08	1.6E-08	1.5E-08	3.2E-09	6.1E-08
1421	UCART2	481009.83	3732302.05	481009.83	0.66727	0.65291	0.82005	0.0003	0.00042	0.0003	6.88E-06	5.76E-07	5.02E-05	5.00E-06	7.00E-06	9.37E-06	7.91E-05	2.7E-08	8.3E-08	4.8E-08	4.3E-08	2.0E-08	1.1E-09	2.6E-08	1.6E-08	1.4E-08	3.1E-09	6.0E-08
1422	UCART2	481059.83	3732302.05	481059.83	0.65166	0.63975	0.81528	0.00028	0.00039	0.00032	6.72E-06	5.65E-07	4.99E-05	4.67E-06	6.50E-06	1.00E-05	7.84E-05	2.7E-08	8.2E-08	4.7E-08	4.3E-08	2.0E-08	1.1E-09	2.6E-08	1.6E-08	1.4E-08	3.1E-09	6.0E-08
1423	UCART2	481109.83	3732302.05	481109.83	0.64106	0.63202	0.80969	0.00025	0.00036	0.00034	6.61E-06	5.58E-07	4.96E-05	4.17E-06	6.00E-06	1.06E-05	7.76E-05	2.7E-08	8.1E-08	4.7E-08	4.3E-08	1.9E-08	1.1E-09	2.5E-08	1.5E-08	1.4E-08	3.1E-09	5.9E-08
1424	UCART2	481159.83	3732302.05	481159.83	0.62756	0.62071	0.78732	0.00023	0.00034	0.00036	6.47E-06	5.48E-07	4.82E-05	3.83E-06	5.67E-06	1.12E-05	7.60E-05	2.6E-08	7.9E-08	4.6E-08	4.2E-08	1.9E-08	1.0E-09	2.5E-08	1.5E-08	1.4E-08	3.0E-09	5.8E-08
1425	UCART2	481209.83	3732302.05	481209.83	0.61527	0.6105	0.77689	0.00021	0.00031	0.00039	6.35E-06	5.39E-07	4.76E-05	3.50E-06	5.17E-06	1.22E-05	7.53E-05	2.6E-08	7.9E-08	4.6E-08	4.1E-08	1.9E-08	1.0E-09	2.5E-08	1.5E-08	1.4E-08	3.0E-09	5.7E-08
1426	UCART2	481259.83	3732302.05	481259.83	0.60403	0.60125	0.77335	0.0002	0.00029	0.00042	6.23E-06	5.31E-07	4.74E-05	3.33E-06	4.83E-06	1.31E-05	7.54E-05	2.6E-08	7.9E-08	4.6E-08	4.1E-08	1.9E-08	1.0E-09	2.5E-08	1.5E-08	1.4E-08	3.0E-09	5.7E-08
1427	UCART2	481309.83	3732302.05	481309.83	0.59369	0.59282	0.76935	0.00018	0.00027	0.00046	6.12E-06	5.23E-07	4.71E-05	3.00E-06	4.50E-06	1.44E-05	7.56E-05	2.6E-08	7.9E-08	4.6E-08	4.1E-08	1.9E-08	1.0E-09	2.5E-08	1.5E-08	1.4E-08	3.0E-09	5.8E-08
1428	UCART2	481359.83	3732302.05	481359.83	0.58419	0.58517	0.76477	0.00017	0.00025	0.0005	6.03E-06	5.17E-07	4.68E-05	2.83E-06	4.17E-06	1.56E-05	7.60E-05	2.6E-08	7.9E-08	4.6E-08	4.2E-08	1.9E-08	1.0E-09	2.5E-08	1.5E-08	1.4E-08	3.0E-09	5.8E-08
1429	UCART2	481409.83	3732302.05	481409.83	0.57536	0.57811	0.75976	0.00016	0.00024	0.00055	5.94E-06	5.10E-07	4.65E-05	2.67E-06	4.00E-06	1.72E-05	7.68E-05	2.7E-08	8.0E-08	4.6E-08	4.2E-08	1.9E-08	1.0E-09	2.5E-08	1.5E-08	1.4E-08	3.0E-09	5.9E-08
1430	UCART2	481459.83	3732302.05	481459.83	0.56713	0.57158	0.75428	0.00015	0.00022	0.00061	5.85E-06	5.05E-07	4.62E-05	2.50E-06	3.67E-06	1.91E-05	7.78E-05	2.7E-08	8.1E-08	4.7E-08	4.3E-08	1.9E-08	1.1E-09	2.6E-08	1.6E-08	1.4E-08	3.1E-09	5.9E-08
1431	UCART2	481509.83	3732302.05	481509.83	0.55942	0.5655	0.74827	0.00014	0.00021	0.00068	5.77E-06	4.99E-07	4.58E-05	2.33E-06	3.50E-06	2.12E-05	7.92E-05	2.7E-08	8.3E-08	4.8E-08	4.4E-08	2.0E-08	1.1E-09	2.6E-08	1.6E-08	1.4E-08	3.1E-09	6.0E-08
1432	UCART2	481559.83	3732302.05	481559.83	0.55215	0.5598	0.74174	0.00013	0.00019	0.00075	5.70E-06	4.94E-07	4.54E-05	2.17E-06	3.17E-06	2.34E-05	8.04E-05	2.8E-08	8.4E-08	4.9E-08	4.4E-08	2.0E-08	1.1E-09	2.6E-08	1.6E-08	1.5E-08	3.2E-09	6.1E-08
1433	UCART2	481609.83	3732302.05	481609.83	0.54522	0.55438	0.73473	0.00013	0.00018	0.00083	5.62E-06	4.89E-07	4.50E-05	2.17E-06	3.00E-06	2.59E-05	8.22E-05	2.8E-08	8.6E-08	5.0E-08	4.5E-08	2.1E-08	1.1E-09	2.7E-08	1.6E-08	1.5E-08	3.2E-09	6.3E-08
1434	UCART2	481659.83	3732302.05	481659.83	0.53855	0.54917	0.72721	0.00012	0.00017	0.00091	5.56E-06	4.85E-07	4.45E-05	2.00E-06	2.83E-06	2.84E-05	8.38E-05	2.9E-08	8.8E-08	5.1E-08	4.6E-08	2.1E-08	1.1E-09	2.8E-08	1.7E-08	1.5E-08	3.3E-09	6.4E-08
1435	UCART2	479709.83	3732352.05	479709.83	2.24048	2.3898	0.58476	0.00485	0.00189	0.00011	2.31E-05	2.11E-06	3.58E-05	8.08E-05	3.15E-05	3.44E-06	1.77E-04	6.1E-08	1.8E-07	1.1E-07	9.7E-08	4.4E-08	2.4E-09	5.8E-08	3.5E-08	3.2E-08	7.0E-09	1.3E-07
1436	UCART2	479759.83	3732352.05	479759.83	2.30255	2.40193	0.61214	0.00467	0.00195	0.00012	2.38E-05	2.12E-06	3.75E-05	7.78E-05	3.25E-05	3.75E-06	1.77E-04	6.1E-08	1.9E-07	1.1E-07	9.7E-08	4.4E-08	2.4E-09	5.8E-08	3.5E-08	3.2E-08	7.0E-09	1.4E-07
1437	UCART2	479809.83	3732352.05	479809.83	2.32409	2.3651	0.63924	0.00437	0.00199	0.00012	2.40E-05	2.09E-06	3.92E-05	7.28E-05	3.32E-05	3.75E-06	1.75E-04	6.1E-08	1.8E-07	1.1E-07	9.6E-08	4.4E-08	2.4E-09	5.7E-08	3.5E-08	3.2E-08	6.9E-09	1.3E-07
1438	UCART2	479859.83	3732352.05	479859.83	2.29684	2.28234	0.66626	0.00397	0.00199	0.00013	2.37E-05	2.01E-06	4.08E-05	6.62E-05	3.32E-05	4.06E-06	1.70E-04	5.9E-08	1.8E-07	1.0E-07	9.3E-08	4.3E-08	2.3E-09	5.6E-08	3.4E-08	3.1E-08	6.7E-09	1.3E-07
1439	UCART2	479909.83	3732352.05	479909.83	2.22082	2.16426	0.69193	0.00356	0.00195	0.00013	2.29E-05	1.91E-06	4.24E-05	5.93E-05	3.25E-05	4.06E-06	1.63E-04	5.6E-08	1.7E-07	9.9E-08	8.9E-08	4.1E-08	2.2E-09	5.4E-08	3.3E-08	3.0E-08	6.4E-09	1.2E-07
1440	UCART2	479959.83	3732352.05	479959.83	2.10622	2.02583	0.71539	0.00316	0.00187	0.00014	2.17E-05	1.79E-06	4.38E-05	5.27E-05	3.12E-05	4.37E-06	1.56E-04	5.4E-08	1.6E-07	9.4E-08	8.5E-08	3.9E-08	2.1E-09	5.1E-08	3.1E-08	2.8E-08	6.1E-09	1.2E-07
1441	UCART2	480009.83	3732352.05	480009.83	1.97374	1.87609	0.73682	0.00279	0.00178	0.00014	2.04E-05	1.66E-06	4.51E-05	4.65E-05	2.97E-05	4.37E-06	1.48E-04	5.1E-08	1.5E-07	8.9E-08	8.1E-08	3.7E-08	2.0E-09	4.9E-08	2.9E-08	2.7E-08	5.8E-09	1.1E-07
1442	UCART2	480059.83	3732352.05	480059.83	1.83178	1.72514	0.75576	0.00247	0.00167	0.00015	1.89E-05	1.52E-06	4.63E-05	4.12E-05	2.78E-05	4.69E-06	1.40E-04	4.9E-08	1.5E-07	8.5E-08	7.7E-08	3.5E-08	1.9E-09	4.6E-08	2.8E-08	2.5E-08	5.5E-09	1.1E-07
1443	UCART2	480109.83	3732352.05	480109.83	1.68737	1.5874	0.77194	0.00218	0.00156	0.00015	1.74E-05	1.40E-06	4.73E-05	3.63E-05	2.60E-05	4.69E-06	1.33E-04	4.6E-08	1.4E-07	8.1E-08	7.3E-08	3.3E-08	1.8E-09	4.4E-08	2.7E-08	2.4E-08	5.3E-09	1.0E-07
1444	UCART2	480159.83	3732352.05	480159.83	1.54719	1.46469	0.78598	0.00193	0.00144	0.00016	1.60E-05	1.29E-06	4.81E-05	3.22E-05	2.40E-05	5.00E-06	1.27E-04	4.4E-08	1.3E-07	7.7E-08	6.9E-08	3.2E-08	1.7E-09	4.2E-08	2.5E-08	2.3E-08	5.0E-09	9.6E-08
1445	UCART2	480209.83	3732352.05	480209.83	1.43124	1.33343	0.79816	0.00171	0.00133	0.00017	1.48E-05	1.18E-06	4.89E-05	2.85E-05	2.22E-05	5.31E-06	1.21E-04	4.2E-08	1.3E-07	7.3E-08	6.6E-08	3.0E-08	1.6E-09	4.0E-08	2.4E-08	2.2E-08	4.8E-09	9.2E-08
1446	UCART2	480259.83	3732352.05	480259.83	1.3359	1.24038	0.80795	0.00152	0.00123	0.00017	1.38E-05	1.09E-06	4.95E-05	2.53E-05	2.05E-05	5.31E-06	1.16E-04	4.0E-08	1.2E-07	7.0E-08	6.3E-08	2.9E-08	1.6E-09	3.8E-08	2.3E-08	2.1E-08	4.6E-09	8.8E-08
1447	UCART2	480309.83	3732352.05	480309.83	1.25034	1.16501	0.81633	0.00135	0.00113	0.00018	1.29E-05	1.03E-06	5.00E-05	2.25E-05	1.88E-05	5.62E-06	1.11E-04	3.8E-08	1.2E-07	6.7E-08	6.1E-08	2.8E-08	1.5E-09	3.6E-08	2.2E-08	2.0E-08	4.4E-09	8.5E-08
1448	UCART2	480359.83	3732352.05	480359.83	1.17269	1.0964	0.82444	0.0012	0.00105	0.00019	1.21E-05	9.68E-07	5.05E-05	2.00E-05	1.75E-05	5.94E-06	1.07E-04	3.7E-08	1.1E-07	6.5E-08	5.9E-08	2.7E-08	1.5E-09	3.5E-08	2.1E-08	1.9E-08	4.2E-09	8.2E-08
1449	UCART2	480409.83	3732352.05	480409.83	1.10352	1.03603	0.83173	0.00106	0.00097	0.0002	1.14E-05	9.15E-07	5.09E-05	1.77E-05	1.62E-05	6.25E-06	1.03E-04	3.6E-08	1.1E-07	6.3E-08	5.7E-08	2.6E-08	1.4E-09	3.4E-08	2.1E-08	1.9E-08	4.1E-09	7.9E-08
1450	UCART2	480459.83	3732352.05	480459.83	1.04325	0.98234	0.83874	0.00094	0.00091	0.0002	1.08E-05	8.67E-07	5.14E-05	1.57E-05	1.52E-05	6.25E-06	1.00E-04	3.5E-08	1.0E-07	6.1E-08	5.5E-08	2.5E-08	1.4E-09	3.3E-08	2.0E-08	1.8E-08	4.0E-09	7.6E-08
1451	UCART2	480509.83	3732352.05	480509.83	0.98987	0.92828	0.84541	0.00083	0.00084	0.00021	1.02E-05	8.19E-07	5.18E-05	1.38E-05	1.40E-05	6.56E-06	9.72E-05	3.4E-08	1.0E-07	5.9E-08	5.3E-08	2.4E-08	1.3E-09	3.2E-08	1.9E-08	1.8E-08	3.8E-09	7.4E-08
1452	UCART2	480559.83	3732352.05	480559.83	0.93216	0.88419	0.85122	0.00074	0.00078	0.00022	9.62E-06	7.80E-07	5.21E-05	1.23E-05	1.30E-05	6.87E-06	9.47E-05	3.3E-08	9.9E-08	5.7E-08	5.2E-08	2.4E-08	1.3E-09	3.1E-08	1.9E-08	1.7E-08	3.7E-09	7.2E-08
1453	UCART2	480609.83	3732352.05	480609.83	0.89014	0.84855	0.85634	0.00065	0.00073	0.00023	9.18E-06	7.49E-07	5.24E-05	1.08E-05	1.22E-05	7.19E-06	9.26E-05	3.2E-08	9.7E-08	5.6E-08	5.1E-08	2.3E-08	1.3E-09	3.0E-08	1.8E-08	1.7E-08	3.7E-09	7.1E-08
1454	UCART2	480659.83	3732352.05	480659.83	0.85458	0.8169	0.86067	0.00058	0.00068	0.00024	8.82E-06	7.21E-07	5.27E-05	9.67E-06	1.13E-05	7.50E-06	9.07E-05	3.1E-08	9.5E-08	5.5E-08	5.0E-08	2.3E-08	1.2E-09	3.0E-08	1.8E-08	1.6E-08	3.6E-09	6.9E-08
1455	UCART2	480709.83	3732352.05	480709.83	0.82254	0.78864	0.86441	0.00052	0.00064	0.00025	8.48E-06	6.96E-07	5.29E-05	8.67E-06	1.07E-05	7.81E-06	8.93E-05	3.1E-08	9.3E-08	5.4E-08	4.9E-08	2.2E-08	1.2E-09	2.9E-08	1.8E-08	1.6E-08	3.5E-09	6.8E-08
1456	UCART2	480759.83	3732352.05	480759.83	0.79354	0.76327	0.86739	0.00047	0.00059	0.00025	8.19E-06	6.74E-07	5.31E-05	7.83E-06	9.83E-06	7.81E-06	8.75E-05	3.0E-08	9.1E-08	5.3E-08	4.8E-08	2.2E-08	1.2E-09	2.9E-08	1.7E-08	1.6E-08	3.5E-09	6.7E-08
1457	UCART2	480809.83	3732352.05	480809.83	0.76863	0.74188	0.86753	0.00042	0.00055	0.00027	7.93E-06	6.55E-07	5.31E-05	7.00E-06	9.17E-06	8.44E-06	8.63E-05	3.0E-08	9.0E-08	5.2E-08	4.7E-08	2.2E-08	1.2E-09	2.8E-08	1.7E-08	1.6E-08	3.4E-09	6.6E-08
1458	UCART2	480859.83	3732352.05	480859.83	0.74403	0.72042	0.86949	0.00038	0.00051	0.00028	7.67E-06	6.36E-07	5.33E-05	6.33E-06	8.50E-06	8.75E-06	8.51E-05	2.9E-08	8.9E-08	5.2E-08	4.7E-08	2.1E-08	1.2E-09	2.8E-08	1.7E-08	1.5E-08	3.4E-09	6.5E-08
1459	UCART2	480909.83	3732352.05	480909.83	0.72274	0.7022	0.86481	0.00034	0.00048	0.00029	7.46E-06	6.20E-07	5.30E-05	5.67E-06	8.00E-06	9.06E-06	8.38E-05	2.9E-08	8.8E-08	5.1E-08	4.6E-08	2.1E-08	1.1E-09	2.8E-08	1.7E-08	1.5E-08	3.3E-09	6.4E-08
1460	UCART2	480959.83	3732352.05	480959.83	0.70327	0.68562	0.86178	0.00031	0.00044	0.0003	7.25E-06	6.05E-07	5.28E-05	5.17E-06	7.33E-06	9.37E-06	8.25E-05	2.9E-08	8.6E-08	5.0E-08	4.5E-08	2.1E-08	1.1E-09	2.7E-08	1.6E-08	1.5E-08	3.3E-09	6.3E-08
1461	UCART2	481009.83	3732352.05	481009.83	0.68574	0.67084	0.85511	0.00028	0.00041	0.00032	7.07E-06	5.92E-07	5.24E-05	4.67E-06	6.83E-06	1.00E-05	8.15E-05	2.8E-08	8.5E-08	4.9E-08	4.5E-08	2.0E-08	1.1E-09	2.7E-08	1.6E-08	1.5E-08	3.2E-09	6.2E-08
1462	UCART2	481059.83	3732352.05	481059.83	0.67415	0.66243	0.8521	0.00026	0.00038	0.00034	6.95E-06	5.85E-07	5.22E-05	4.33E-06	6.33E-06	1.06E-05	8.10E-05	2.8E-08	8.5E-08	4.9E-08	4.4E-08	2.0E-08	1.1E-09	2.7E-08	1.6E-08	1.5E-08	3.2E-09	6.2E-08
1463	UCART2	481109.83	3732352.05	481109.83	0.65927	0.64998	0.85006	0.00024	0.00035	0.00036	6.80E-06	5.74E-07	5.21E-05	4.00E-06	5.83E-06	1.12E-05	8.05E-05	2.8E-08	8.4E-08	4.9E-08	4.4E-08	2.0E-08	1.1E-09	2.6E-08	1.6E-08	1.5E-08	3.2E-09	6.1E-08
1464	UCART2	481159.83	3732352.05	481159.83	0.64579	0.63882	0.83623	0.00022	0.00033	0.00038	6.66E-06	5.64E-07	5.12E-05	3.67E-06	5.50E-06	1.19E-05	7.95E-05	2.8E-08	8.3E-08	4.8E-08	4.4E-08	2.0E-08	1.1E-09	2.6E-08	1.6E-08	1.4E-08	3.1E-09	6.1E-08
1465	UCART2	481209.83	3732352.05	481209.83	0.63355	0.62881	0.81446	0.0002	0.0003	0.00041	6.54E-06	5.55E-07	4.99E-05	3.33E-06	5.00E-06	1.28E-05	7.81E-05	2.7E-08	8.2E-08	4.7E-08	4.3E-08	2.0E-08	1.1E-09	2.6E-08	1.6E-08	1.4E-08	3.1E-09	6.0E-08
1466	UCART2	481259.83	3732352.05	481259.83	0.62245	0.61984	0.81068	0.00019	0.00028	0.00044	6.42E-06	5.47E-07	4.97E-05	3.17E-06	4.67E-06	1.37E-05	7.82E-05	2.7E-08	8.2E-08	4.7E-08	4.3E-08	2.0E-08	1.1E-09	2.6E-08	1.6E-08	1.4E-08	3.1E-09	6.0E-08
1467	UCART2	481309.83	3732352.05	481309.83	0.61227	0.61172	0.80646	0.00018	0.00026	0.00048	6.32E-06	5.40E-07	4.94E-05	3.00E-06	4.33E-06	1.50E-05	7.86E-05	2.7E-08	8.2E-08	4.8E-08	4.3E-08	2.0E-08	1.1E-09	2.6E-08	1.6E-08	1.4E-08	3.1E-09	6.0E-08
1468	UCART2	481359.83	3732352.05	481359.83	0.603	0.60442	0.80159	0.00016	0.00024	0.00053	6.22E-06	5.34E-07	4.91E-05	2.67E-06	4.00E-06	1.66E-05	7.91E-05	2.7E-08	8.3E-08	4.8E-08	4.3E-08	2.0E-08	1.1E-09	2.6E-08	1.6E-08	1.4E-08	3.1E-09	6.0E-08
1469	UCART2	481409.83	3732352.05	481409.83	0.59444	0.59777	0.79621	0.00015	0.00023	0.00059	6.13E-06	5.28E-07	4.88E-05	2.50E-06	3.83E-06	1.84E-05	8.02E-05	2.8E-08	8.4E-08	4.9E-08	4.4E-08	2.0E-08	1.1E-09	2.6E-08	1.6E-08	1.5E-08	3.2E-09	6.1E-08
1470	UCART2	481459.83	3732352.05	481459.83	0.58648	0.59164	0.79035	0.00014	0.00021	0.00065	6.05E-06	5.22E-07	4.84E-05	2.33E-06	3.50E-06	2.03E-05	8.11E-05	2.8E-08	8.5E-08	4.9E-08	4.4E-08	2.0E-08	1.1E-09	2.7E-08	1.6E-08	1.5E-08	3.2E-09	6.2E-08
1471	UCART2	481509.83	3732352.05	481509.83	0.57906	0.58598	0.78393	0.00014	0.0002	0.00073	5.97E-06	5.17E-07	4.80E-05	2.33E-06	3.33E-06	2.28E-05	8.30E-05	2.9E-08	8.7E-08	5.0E-08	4.6E-08	2.1E-08	1.1E-09	2.7E-08	1.7E-08	1.5E-08	3.3E-09	6.3E-08
1472	UCART2	481559.83	3732352.05	481559.83	0.57203	0.58066	0.77704	0.00013	0.00018	0.00081	5.90E-06	5.13E-07	4.76E-05	2.17E-06	3.00E-06	2.53E-05	8.45E-05	2.9E-08	8.8E-08	5.1E-08	4.6E-08	2.1E-08	1.1E-09	2.8E-08	1.7E-08	1.5E-08	3.3E-09	6.4E-08
1473	UCART2	481609.83	3732352.05	481609.83	0.56538	0.57564	0.76948	0.00012	0.00017	0.0009	5.83E-06	5.08E-07	4.71E-05	2.00E-06	2.83E-06	2.81E-05	8.64E-05	3.0E-08	9.0E-08	5.2E-08	4.7E-08	2.2E-08	1.2E-09	2.8E-08	1.7E-08	1.6E-08	3.4E-09	6.6E-08
1474	UCART2	481659.83	3732352.05	481659.83	0.55895	0.57078	0.76148	0.00012	0.00016	0.00099	5.77E-06	5.04E-07	4.66E-05	2.00E-06	2.67E-06	3.09E-05	8.85E-05	3.1E-08	9.3E-08	5.4E-08	4.9E-08	2.2E-08	1.2E-09	2.9E-08	1.8E-08	1.6E-08	3.5E-09	6.7E-08
1475	UCART2	479709.83	3732402.05	479709.83	2.50994	2.67163	0.6183	0.00563	0.00212	0.00011	2.59E-05	2.36E-06	3.79E-05	9.38E-05	3.53E-05	3.44E-06	1.99E-04	6.9E-08	2.1E-07	1.2E-07	1.1E-07	5.0E-08	2.7E-09	6.5E-08	4.0E-08	3.6E-08	7.8E-09	1.5E-07
1476	UCART2	479759.83	3732402.05	479759.83	2.5679	2.6635	0.6489	0.00537	0.0022	0.00012	2.65E-05	2.35E-06	3.97E-05	8.95E-05	3.67E-05	3.75E-06

1552	UCART2	481559.83	3732452.05	481559.83	0.61733	0.6282	0.85655	0.00012	0.00017	0.00094	6.37E-06	5.55E-07	5.25E-05	2.00E-06	2.83E-06	2.94E-05	9.36E-05	3.2E-08	9.8E-08	5.7E-08	5.1E-08	2.3E-08	1.3E-09	3.1E-08	1.9E-08	1.7E-08	3.7E-09	7.1E-08
1553	UCART2	481609.83	3732452.05	481609.83	0.61153	0.62434	0.84794	0.00011	0.00016	0.00105	6.31E-06	5.51E-07	5.19E-05	1.83E-06	2.67E-06	3.28E-05	9.61E-05	3.3E-08	1.0E-07	5.8E-08	5.3E-08	2.4E-08	1.3E-09	3.2E-08	1.9E-08	1.7E-08	3.8E-09	7.3E-08
1554	UCART2	481659.83	3732452.05	481659.83	0.60591	0.62059	0.83869	0.00011	0.00015	0.00117	6.25E-06	5.48E-07	5.14E-05	1.83E-06	2.50E-06	3.66E-05	9.91E-05	3.4E-08	1.0E-07	6.0E-08	5.4E-08	2.5E-08	1.3E-09	3.3E-08	2.0E-08	1.8E-08	3.9E-09	7.6E-08
1555	UCART2	479709.83	3732502.05	479709.83	3.20059	3.39197	0.71121	0.0077	0.00277	0.00011	3.30E-05	2.99E-06	4.36E-05	1.28E-04	4.62E-05	3.44E-06	2.58E-04	8.9E-08	2.7E-07	1.6E-07	1.4E-07	6.4E-08	3.5E-09	8.5E-08	5.1E-08	4.7E-08	1.0E-08	2.0E-07
1556	UCART2	479759.83	3732502.05	479759.83	3.13952	3.24418	0.75299	0.00704	0.00285	0.00012	3.24E-05	2.86E-06	4.61E-05	1.17E-04	4.75E-05	3.75E-06	2.50E-04	8.7E-08	2.6E-07	1.5E-07	1.4E-07	6.3E-08	3.4E-09	8.2E-08	5.0E-08	4.5E-08	9.9E-09	1.9E-07
1557	UCART2	479809.83	3732502.05	479809.83	3.05303	3.04845	0.78593	0.00628	0.00287	0.00012	3.15E-05	2.69E-06	4.81E-05	1.05E-04	4.78E-05	3.75E-06	2.39E-04	8.3E-08	2.5E-07	1.4E-07	1.3E-07	6.0E-08	3.2E-09	7.8E-08	4.8E-08	4.3E-08	9.4E-09	1.8E-07
1558	UCART2	479859.83	3732502.05	479859.83	2.98359	2.88268	0.80912	0.00544	0.00279	0.00013	3.08E-05	2.54E-06	4.96E-05	9.07E-05	4.65E-05	4.06E-06	2.24E-04	7.8E-08	2.3E-07	1.4E-07	1.2E-07	5.6E-08	3.0E-09	7.4E-08	4.5E-08	4.1E-08	8.8E-09	1.7E-07
1559	UCART2	479909.83	3732502.05	479909.83	2.79307	2.63214	0.83761	0.00469	0.00267	0.00013	2.88E-05	2.32E-06	5.13E-05	7.82E-05	4.45E-05	4.06E-06	2.09E-04	7.2E-08	2.2E-07	1.3E-07	1.1E-07	5.2E-08	2.8E-09	6.9E-08	4.2E-08	3.8E-08	8.3E-09	1.6E-07
1560	UCART2	479959.83	3732502.05	479959.83	2.49746	2.34601	0.86537	0.004	0.00251	0.00014	2.58E-05	2.07E-06	5.30E-05	6.67E-05	4.18E-05	4.37E-06	1.94E-04	6.7E-08	2.0E-07	1.2E-07	1.1E-07	4.8E-08	2.6E-09	6.4E-08	3.9E-08	3.5E-08	7.6E-09	1.5E-07
1561	UCART2	480009.83	3732502.05	480009.83	2.24314	2.06171	0.88583	0.00345	0.00233	0.00015	2.31E-05	1.82E-06	5.45E-05	5.75E-05	3.88E-05	4.69E-06	1.80E-04	6.2E-08	1.9E-07	1.1E-07	9.9E-08	4.5E-08	2.5E-09	5.9E-08	3.6E-08	3.3E-08	7.1E-09	1.4E-07
1562	UCART2	480059.83	3732502.05	480059.83	2.08457	1.90755	0.90102	0.00289	0.00213	0.00015	2.15E-05	1.68E-06	5.52E-05	4.88E-05	3.55E-05	4.69E-06	1.67E-04	5.8E-08	1.7E-07	1.0E-07	9.2E-08	4.2E-08	2.3E-09	5.5E-08	3.3E-08	3.0E-08	6.6E-09	1.3E-07
1563	UCART2	480109.83	3732502.05	480109.83	1.92549	1.77153	0.91399	0.0025	0.00194	0.00016	1.99E-05	1.56E-06	5.60E-05	4.17E-05	3.23E-05	5.00E-06	1.56E-04	5.4E-08	1.6E-07	9.5E-08	8.6E-08	3.9E-08	2.1E-09	5.1E-08	3.1E-08	2.8E-08	6.2E-09	1.2E-07
1564	UCART2	480159.83	3732502.05	480159.83	1.77054	1.62348	0.9256	0.00215	0.00176	0.00017	1.83E-05	1.43E-06	5.67E-05	3.58E-05	2.93E-05	5.31E-06	1.47E-04	5.1E-08	1.5E-07	8.9E-08	8.1E-08	3.7E-08	2.0E-09	4.8E-08	2.9E-08	2.7E-08	5.8E-09	1.1E-07
1565	UCART2	480209.83	3732502.05	480209.83	1.63356	1.49915	0.93572	0.00184	0.00159	0.00018	1.69E-05	1.32E-06	5.73E-05	3.07E-05	2.65E-05	5.62E-06	1.38E-04	4.8E-08	1.4E-07	8.4E-08	7.6E-08	3.5E-08	1.9E-09	4.5E-08	2.8E-08	2.5E-08	5.5E-09	1.1E-07
1566	UCART2	480259.83	3732502.05	480259.83	1.51265	1.3922	0.94471	0.00157	0.00144	0.00018	1.56E-05	1.23E-06	5.79E-05	2.62E-05	2.40E-05	5.62E-06	1.30E-04	4.5E-08	1.4E-07	7.9E-08	7.2E-08	3.3E-08	1.8E-09	4.3E-08	2.6E-08	2.4E-08	5.2E-09	9.9E-08
1567	UCART2	480309.83	3732502.05	480309.83	1.40442	1.29651	0.95358	0.00133	0.00131	0.00019	1.45E-05	1.14E-06	5.84E-05	2.22E-05	2.18E-05	5.94E-06	1.24E-04	4.3E-08	1.3E-07	7.5E-08	6.8E-08	3.1E-08	1.7E-09	4.1E-08	2.5E-08	2.2E-08	4.9E-09	9.4E-08
1568	UCART2	480359.83	3732502.05	480359.83	1.30847	1.2118	0.96203	0.00114	0.0012	0.0002	1.35E-05	1.07E-06	5.89E-05	1.90E-05	2.00E-05	6.25E-06	1.19E-04	4.1E-08	1.2E-07	7.2E-08	6.5E-08	3.0E-08	1.6E-09	3.9E-08	2.4E-08	2.1E-08	4.7E-09	9.1E-08
1569	UCART2	480409.83	3732502.05	480409.83	1.22343	1.13806	0.96966	0.00098	0.00109	0.00021	1.26E-05	1.00E-06	5.94E-05	1.63E-05	1.82E-05	6.56E-06	1.14E-04	3.9E-08	1.2E-07	6.9E-08	6.3E-08	2.9E-08	1.6E-09	3.7E-08	2.3E-08	2.1E-08	4.5E-09	8.7E-08
1570	UCART2	480459.83	3732502.05	480459.83	1.14967	1.07359	0.97681	0.00084	0.001	0.00023	1.19E-05	9.48E-07	5.98E-05	1.40E-05	1.67E-05	7.19E-06	1.10E-04	3.8E-08	1.2E-07	6.7E-08	6.1E-08	2.8E-08	1.5E-09	3.6E-08	2.2E-08	2.0E-08	4.4E-09	8.4E-08
1571	UCART2	480509.83	3732502.05	480509.83	1.08185	1.00992	0.98324	0.00072	0.00091	0.00024	1.12E-05	8.91E-07	6.02E-05	1.20E-05	1.52E-05	7.50E-06	1.07E-04	3.7E-08	1.1E-07	6.5E-08	5.9E-08	2.7E-08	1.5E-09	3.5E-08	2.1E-08	1.9E-08	4.2E-09	8.2E-08
1572	UCART2	480559.83	3732502.05	480559.83	1.02079	0.96393	0.98883	0.00063	0.00084	0.00025	1.05E-05	8.51E-07	6.06E-05	1.05E-05	1.40E-05	7.81E-06	1.04E-04	3.6E-08	1.1E-07	6.3E-08	5.7E-08	2.6E-08	1.4E-09	3.4E-08	2.1E-08	1.9E-08	4.1E-09	7.9E-08
1573	UCART2	480609.83	3732502.05	480609.83	0.97382	0.92286	0.99411	0.00055	0.00077	0.00026	1.00E-05	8.15E-07	6.09E-05	9.17E-06	1.28E-05	8.12E-06	1.02E-04	3.5E-08	1.1E-07	6.0E-08	5.6E-08	2.5E-08	1.4E-09	3.3E-08	2.0E-08	1.8E-08	4.0E-09	9.8E-08
1574	UCART2	480659.83	3732502.05	480659.83	0.9326	0.88716	0.99845	0.00048	0.0007	0.00027	9.62E-06	7.83E-07	6.12E-05	8.00E-06	1.17E-05	8.44E-06	9.97E-05	3.4E-08	1.0E-07	6.0E-08	5.5E-08	2.5E-08	1.4E-09	3.3E-08	2.0E-08	1.8E-08	3.9E-09	7.6E-08
1575	UCART2	480709.83	3732502.05	480709.83	0.89581	0.85547	1.00207	0.00043	0.00064	0.00028	9.24E-06	7.55E-07	6.14E-05	7.17E-06	1.07E-05	8.75E-06	9.80E-05	3.4E-08	1.0E-07	5.9E-08	5.4E-08	2.5E-08	1.3E-09	3.2E-08	2.0E-08	1.8E-08	3.9E-09	7.5E-08
1576	UCART2	480759.83	3732502.05	480759.83	0.86212	0.82637	1.0054	0.00038	0.00059	0.0003	8.89E-06	7.29E-07	6.16E-05	6.33E-06	9.83E-06	9.37E-06	9.67E-05	3.3E-08	1.0E-07	5.9E-08	5.3E-08	2.4E-08	1.3E-09	3.2E-08	1.9E-08	1.8E-08	3.8E-09	7.4E-08
1577	UCART2	480809.83	3732502.05	480809.83	0.83314	0.80166	1.00308	0.00034	0.00054	0.00031	8.59E-06	7.08E-07	6.14E-05	5.67E-06	9.00E-06	9.69E-06	9.51E-05	3.3E-08	9.9E-08	5.8E-08	5.2E-08	2.4E-08	1.3E-09	3.1E-08	1.9E-08	1.7E-08	3.8E-09	7.2E-08
1578	UCART2	480859.83	3732502.05	480859.83	0.80666	0.77913	1.00209	0.00031	0.00049	0.00033	8.32E-06	6.88E-07	6.14E-05	5.17E-06	8.17E-06	1.03E-05	9.40E-05	3.3E-08	9.8E-08	5.7E-08	5.2E-08	2.4E-08	1.3E-09	3.1E-08	1.9E-08	1.7E-08	3.7E-09	7.2E-08
1579	UCART2	480909.83	3732502.05	480909.83	0.78298	0.75914	1.00167	0.00028	0.00045	0.00034	8.08E-06	6.70E-07	6.13E-05	4.67E-06	7.50E-06	1.06E-05	9.29E-05	3.2E-08	9.7E-08	5.6E-08	5.1E-08	2.3E-08	1.3E-09	3.1E-08	1.9E-08	1.7E-08	3.7E-09	7.1E-08
1580	UCART2	480959.83	3732502.05	480959.83	0.76238	0.74207	0.99666	0.00026	0.00041	0.00036	7.86E-06	6.55E-07	6.10E-05	4.33E-06	6.83E-06	1.12E-05	9.20E-05	3.2E-08	9.6E-08	5.6E-08	5.0E-08	2.3E-08	1.3E-09	3.0E-08	1.8E-08	1.7E-08	3.6E-09	7.0E-08
1581	UCART2	481009.83	3732502.05	481009.83	0.74983	0.7335	0.98931	0.00023	0.00037	0.00038	7.73E-06	6.47E-07	6.06E-05	3.83E-06	6.17E-06	1.19E-05	9.08E-05	3.1E-08	9.5E-08	5.5E-08	5.0E-08	2.3E-08	1.2E-09	3.0E-08	1.8E-08	1.6E-08	3.6E-09	6.9E-08
1582	UCART2	481059.83	3732502.05	481059.83	0.73321	0.71998	0.98038	0.00022	0.00034	0.0004	7.56E-06	6.36E-07	6.00E-05	3.67E-06	5.67E-06	1.25E-05	9.01E-05	3.1E-08	9.4E-08	5.5E-08	4.9E-08	2.3E-08	1.2E-09	3.0E-08	1.8E-08	1.6E-08	3.6E-09	6.9E-08
1583	UCART2	481109.83	3732502.05	481109.83	0.71851	0.70824	0.95395	0.0002	0.00032	0.00043	7.41E-06	6.25E-07	5.84E-05	3.33E-06	5.33E-06	1.34E-05	8.86E-05	3.1E-08	9.3E-08	5.4E-08	4.9E-08	2.2E-08	1.2E-09	2.9E-08	1.8E-08	1.6E-08	3.5E-09	6.8E-08
1584	UCART2	481159.83	3732502.05	481159.83	0.70564	0.69821	0.95068	0.00019	0.00029	0.00045	7.28E-06	6.16E-07	5.82E-05	3.17E-06	4.83E-06	1.41E-05	8.82E-05	3.1E-08	9.2E-08	5.3E-08	4.8E-08	2.2E-08	1.2E-09	2.9E-08	1.8E-08	1.6E-08	3.5E-09	6.7E-08
1585	UCART2	481209.83	3732502.05	481209.83	0.6943	0.68961	0.94684	0.00017	0.00027	0.00049	7.16E-06	6.09E-07	5.80E-05	2.83E-06	4.50E-06	1.53E-05	8.84E-05	3.1E-08	9.2E-08	5.3E-08	4.8E-08	2.2E-08	1.2E-09	2.9E-08	1.8E-08	1.6E-08	3.5E-09	6.7E-08
1586	UCART2	481259.83	3732502.05	481259.83	0.68436	0.68231	0.94231	0.00016	0.00025	0.00053	7.06E-06	6.02E-07	5.77E-05	2.67E-06	4.17E-06	1.66E-05	8.88E-05	3.1E-08	9.3E-08	5.4E-08	4.9E-08	2.2E-08	1.2E-09	2.9E-08	1.8E-08	1.6E-08	3.5E-09	6.8E-08
1587	UCART2	481309.83	3732502.05	481309.83	0.67554	0.67605	0.93723	0.00015	0.00023	0.00058	6.97E-06	5.97E-07	5.74E-05	2.50E-06	3.83E-06	1.81E-05	8.94E-05	3.1E-08	9.3E-08	5.4E-08	4.9E-08	2.2E-08	1.2E-09	2.9E-08	1.8E-08	1.6E-08	3.5E-09	6.8E-08
1588	UCART2	481359.83	3732502.05	481359.83	0.66775	0.67074	0.93144	0.00014	0.00021	0.00064	6.89E-06	5.92E-07	5.70E-05	2.33E-06	3.50E-06	2.00E-05	9.04E-05	3.1E-08	9.4E-08	5.5E-08	5.0E-08	2.3E-08	1.2E-09	3.0E-08	1.8E-08	1.6E-08	3.6E-09	6.9E-08
1589	UCART2	481409.83	3732502.05	481409.83	0.66077	0.66617	0.92503	0.00014	0.0002	0.00071	6.82E-06	5.88E-07	5.67E-05	2.33E-06	3.33E-06	2.22E-05	9.19E-05	3.2E-08	9.6E-08	5.6E-08	5.0E-08	2.3E-08	1.2E-09	3.0E-08	1.8E-08	1.7E-08	3.6E-09	7.0E-08
1590	UCART2	481459.83	3732502.05	481459.83	0.65447	0.6622	0.91795	0.00013	0.00018	0.0008	6.75E-06	5.85E-07	5.62E-05	2.17E-06	3.00E-06	2.50E-05	9.37E-05	3.2E-08	9.8E-08	5.7E-08	5.1E-08	2.3E-08	1.3E-09	3.1E-08	1.9E-08	1.7E-08	3.7E-09	7.1E-08
1591	UCART2	481509.83	3732502.05	481509.83	0.64871	0.6587	0.91013	0.00012	0.00017	0.0009	6.69E-06	5.81E-07	5.57E-05	2.00E-06	2.83E-06	2.81E-05	9.60E-05	3.3E-08	1.0E-07	5.8E-08	5.3E-08	2.4E-08	1.3E-09	3.2E-08	1.9E-08	1.7E-08	3.8E-09	7.3E-08
1592	UCART2	481559.83	3732502.05	481559.83	0.64334	0.65552	0.90158	0.00012	0.00016	0.00102	6.64E-06	5.79E-07	5.52E-05	2.00E-06	2.67E-06	3.19E-05	9.90E-05	3.4E-08	1.0E-07	6.0E-08	5.4E-08	2.5E-08	1.3E-09	3.3E-08	2.0E-08	1.8E-08	3.9E-09	7.5E-08
1593	UCART2	481609.83	3732502.05	481609.83	0.63821	0.65251	0.89237	0.00011	0.00015	0.00115	6.58E-06	5.76E-07	5.47E-05	1.83E-06	2.50E-06	3.59E-05	1.02E-04	3.5E-08	1.1E-07	6.2E-08	5.6E-08	2.6E-08	1.4E-09	3.4E-08	2.0E-08	1.8E-08	4.0E-09	7.8E-08
1594	UCART2	481659.83	3732502.05	481659.83	0.63319	0.64955	0.88243	0.00011	0.00014	0.00128	6.53E-06	5.73E-07	5.40E-05	1.83E-06	2.33E-06	4.00E-05	1.05E-04	3.6E-08	1.1E-07	6.4E-08	5.8E-08	2.6E-08	1.4E-09	3.5E-08	2.1E-08	1.9E-08	4.2E-09	8.0E-08
1595	UCART2	479709.83	3732552.05	479709.83	3.62326	3.8312	0.76668	0.00892	0.00318	0.00011	3.74E-05	3.38E-06	4.70E-05	1.49E-04	5.30E-05	3.44E-06	2.93E-04	1.0E-07	3.1E-07	1.8E-07	1.6E-07	7.3E-08	4.0E-09	9.6E-08	5.8E-08	5.3E-08	1.2E-08	2.2E-07
1596	UCART2	479759.83	3732552.05	479759.83	3.56883	3.63732	0.80488	0.00801	0.00326	0.00012	3.68E-05	3.21E-06	4.93E-05	1.33E-04	5.43E-05	3.75E-06	2.81E-04	9.7E-08	2.9E-07	1.7E-07	1.5E-07	7.0E-08	3.8E-09	9.2E-08	5.6E-08	5.1E-08	1.1E-08	2.1E-07
1597	UCART2	479809.83	3732552.05	479809.83	3.51284	3.30529	0.84568	0.00699	0.00326	0.00012	3.46E-05	2.92E-06	5.18E-05	1.16E-04	5.43E-05	3.75E-06	2.64E-04	9.1E-08	2.8E-07	1.6E-07	1.4E-07	6.6E-08	3.6E-09	8.7E-08	5.3E-08	4.8E-08	1.0E-08	2.0E-07
1598	UCART2	479859.83	3732552.05	479859.83	3.18741	3.04088	0.87467	0.00596	0.00316	0.00013	3.29E-05	2.68E-06	5.36E-05	9.93E-05	5.27E-05	4.06E-06	2.45E-04	8.5E-08	2.6E-07	1.5E-07	1.3E-07	6.1E-08	3.3E-09	8.1E-08	4.9E-08	4.4E-08	9.7E-09	1.9E-07
1599	UCART2	479909.83	3732552.05	479909.83	2.91634	2.74705	0.90217	0.00505	0.00299	0.00013	3.01E-05	2.42E-06	5.53E-05	8.42E-05	4.98E-05	4.06E-06	2.26E-04	7.8E-08	2.4E-07	1.4E-07	1.2E-07	5.7E-08	3.1E-09	7.4E-08	4.5E-08	4.1E-08	8.9E-09	1.7E-07
1600	UCART2	479959.83	3732552.05	479959.83	2.6531	2.47551	0.92487	0.00428	0.00278	0.00014	2.74E-05	2.19E-06	5.66E-05	7.13E-05	4.63E-05	4.37E-06	2.08E-04	7.2E-08	2.2E-07	1.3E-07	1.1E-07	5.2E-08	2.8E-09	6.8E-08	4.2E-08	3.8E-08	8.2E-09	1.6E-07
1601	UCART2	480009.83	3732552.05	480009.83	2.39241	2.16711	0.9414	0.00363	0.00256	0.00015	2.47E-05	1.91E-06	5.77E-05	6.05E-05	4.27E-05	4.69E-06	1.92E-04	6.6E-08	2.0E-07	1.2E-07	1.1E-07	4.8E-08	2.6E-09	6.3E-08	3.8E-08	3.5E-08	7.6E-09	1.5E-07
1602	UCART2	480059.83	3732552.05	480059.83	2.19595	1.99154	0.95627	0.00307	0.00233	0.00015	2.27E-05	1.76E-06	5.86E-05	5.12E-05	3.88E-05	4.69E-06	1.78E-04	6.2E-08	1.9E-07	1.1E-07	9.7E-08	4.4E-08	2.4E-09	5.8E-08	3.5E-08	3.2E-08	7.0E-09	1.4E-07
1603	UCART2	480109.83	3732552.05	480109.83	2.01349	1.83083	0.9684	0.00258	0.0021	0.00016	2.08E-05	1.62E-06	5.93E-05	4.30E-05	3.50E-05	5.00E-06	1.65E-04	5.7E-08	1.7E-07	1.0E-07	9.0E-08	4.1E-08	2.2E-09	5.4E-08	3.3E-08	3.0E-08	6.5E-09	1.3E-07
1604	UCART2	480159.83	3732552.05	480159.83	1.85271	1.68886	0.97985	0.00216	0.00188	0.00017	1.91E-05	1.49E-06	6.00E-05	3.60E-05	3.13E-05	5.31E-06	1.53E-04	5.3E-08	1.6E-07	9.3E-08	8.4E-08	3.8E-08	2.1E-09	5.0E-08	3.1E-08	2.8E-08	6.1E-09	1.2E-07
1605	UCART2	480209.83	3732552.05	480209.83	1.70717	1.56009	0.98913	0.00181	0.00169	0.00018	1.76E-05	1.38E-06	6.06E-05	3.02E-05	2.82E-05	5.62E-06	1.44E-04	5.0E-08	1.5E-07	8.7E-08	7.9E-08	3.6E-08	2.0E-09	4.7E-08	2.9E-08	2.6E-08	5.7E-09	1.1E-07
1606	UCART2	480259.83	3732552.05	480259.83	1.57543	1.44383	0.99807	0.00152	0.00153	0.00019	1.63E-05	1.27E-06	6.11E-05	2.53E-05	2.55E-05	5.94E-06	1.35E-04	4.7E-08	1.4E-07	8.2E-08	7.4E-08	3.4E-08	1.8E-09	4.4E-08	2.7E-08	2.5E-08	5.3E-09	1.0E-07
1607	UCART2	480309.83	3732552.05	480309.83	1.45779	1.34051	1.00684	0.00129	0.00138	0.0002	1.50E-05	1.18E-06	6.17E-05	2.15E-05	2.30E-05	6.25E-06	1.29E-04	4.5E-08	1.3E-07	7.8E-08	7.1E-08	3.2E-08	1.7E-09	4.2E-08	2.6E-08	2.3E-08	5.1E-09	9.8E-08
1608	UCART2	480359.83	3732552.05	480359.83	1.35308	1.24962	1.01514	0.00108	0.00124	0.00021	1.40E-05	1.10E-06	6.22E-05	1.80E-05	2.07E-05	6.56E-06	1.22E-04	4.2E-08	1.3E-07	7.4E-08	6.7E-08	3.1E-08	1.7E-09	4.0E-08	2.4E-08	2.2E-08	4.8E-09	9.3E-08
1609	UCART2	480409.83	3732552.05	480409.83	1.26366	1.17197	1.02298	0.00091	0.00113	0.00022	1.30E-05	1.03E-06	6.27E-05	1.52E-05	1.88E-05	6.87E-06	1.18E-04	4.1E-08	1.2E-07	7.1E-08	6.5E-08	2.9E-08	1.6E-09	3.9E-08	2.3E-08	2.1E-08	4.6E-09	9.0E-08
1610	UCART2	480459.83	3732552.05	480459.83	1.18552	1.10405	1.0303	0.00078	0.00103	0.00023	1.22E-05	9.75E-07	6.31E-05	1.30E-05	1.72E-05	7.19E-06	1.14E-04	3.9E-08	1.2E-07	6.9E-08	6.2E-08	2.8E-08	1.5E-09	3.7E-08	2.3E-08	2.1E-08	4.5E-09	8.7E-08
1611	UCART2	480509.83	3732552.05	480509.83	1.11337	1.0388	1.03684	0.00067	0.00093	0.00024	1.15E-05	9.17E-07	6.35E-05	1.12E-05	1.55E-05	7.50E-06	1.10E-04	3.8E-08	1.2E-07	6.7E-08	6.0E-08	2.8E-08	1.5E-09	3.6E-08	2.2E-08	2.0E-08	4.3E-09	8.4E-08
1612	UCART2	480559.83	3732552.05	480559.83	1.05116	0.99021	1.04258	0.00058	0.00085	0.00026	1.08E-05	8.74E-07	6.39E-05	9.67E-06	1.42E-05	8.12E-06	1.08E-04	3.7E-08	1.1E-07	6.5E-08	5.9E-08	2.7E-08	1.5E-09	3.5E-08	2.1E-08	1.9E-08	4.2E-09	8.2E-08
1613	UCART2	480609.83	3732552.05	480609.83	1.00143	0.94698	1.04799	0.00051	0.00077	0.00027	1.03E-05	8.36E-07	6.42E-05	8.50E-06	1.28E-05	8.44E-06	1.05E-04	3.6E-08	1.1E-07	6.4E-08	5.8E-08	2.6E-08	1.4E-09	3.5E-08	2.1E-08	1.9E-08	4.1E-09	8.0E-08
1614	UCART2	480659.83	3732552.05	480659.83	0.95804	0.9096	1.05256	0.00045	0.0007	0.00028	9.88E-06	8.03E-07	6.45E-05	7.50E-06	1.17E-05	8.75E-06	1.03E-04	3.6E-08	1.1E-07	6.2E-08	5.7E-08	2.6E-08	1.4E-09	3.4E-08	2.1E-08	1.9E-08	4.1E-09	7.9E-08
1615	UCART2	480709.83	3732552.05	480709.83	0.92069	0.87785	1.05579	0.0004	0.00063	0.0003	9.50E-06	7.75E-07	6.47E-05	6.67E-06	1.05E-05	9.37E-06	1.01E-04	3.5E-08	1.1E-07	6.1E-08	5.6E-08	2.5E-08	1.4E-09	3.3E-08	2.0E-08	1.8E-08	4.0E-09	7.7E-08
1616	UCART2	480759.83	3732552.05	480759.83	0.88573	0.84778	1.05831	0.00035	0.00058	0.00031	9.14E-06	7.48E-07	6.48E-05	5.83E-06	9.67E-06	9.69E-06	9.99E-05	3.5E-08	1.0E-07	6.0E-08	5.5E-08	2.5E-08	1.4E-09	3.3E-08	2.0E-08	1.8E-08	3.9E-09	7.6E-08
1617	UCART2	480809.83	3732552.05	480809.83	0.85574	0.82241	1.054	0.00032	0.00052	0.00033	8.83E-06	7.26E-07	6.46E-05	5.33E-06	8.67E-06	1.03E-05	9.84E-05	3.4E-08	1.0E-07	6.0E-08	5.4E-08	2.5E-08	1.3E-09	3.2E-08	2.0E-08	1.8E-08	3.9E-09	7.5E-08
1618	UCART2	480859.83	3732552.05	480859.83	0.8283	0.79922	1.05425	0.00029	0.00047	0.00035	8.54E-06	7.05E-07	6.46E-05	4.83E-06	7.83E-06	1.09E-05

1694	UCART2	480659.83	3732652.05	480659.83	1.01347	0.95856	1.17291	0.00038	0.00067	0.00031	1.05E-05	8.46E-07	7.18E-05	6.33E-06	1.12E-05	9.69E-06	1.10E-04	3.8E-08	1.2E-07	6.7E-08	6.1E-08	2.8E-08	1.5E-09	3.6E-08	2.2E-08	2.0E-08	4.4E-09	8.4E-08
1695	UCART2	480709.83	3732652.05	480709.83	0.97048	0.92188	1.17557	0.00034	0.0006	0.00033	1.00E-05	8.14E-07	7.20E-05	5.67E-06	1.00E-05	1.03E-05	1.09E-04	3.8E-08	1.1E-07	6.6E-08	6.0E-08	2.7E-08	1.5E-09	3.6E-08	2.2E-08	2.0E-08	4.3E-09	8.3E-08
1696	UCART2	480759.83	3732652.05	480759.83	0.93247	0.88962	1.17877	0.00031	0.00054	0.00035	9.62E-06	7.85E-07	7.22E-05	5.17E-06	9.00E-06	1.09E-05	1.08E-04	3.7E-08	1.1E-07	6.5E-08	5.9E-08	2.7E-08	1.5E-09	3.5E-08	2.2E-08	1.9E-08	4.3E-09	8.2E-08
1697	UCART2	480809.83	3732652.05	480809.83	0.90083	0.86339	1.17317	0.00028	0.00048	0.00037	9.29E-06	7.62E-07	7.19E-05	4.67E-06	8.00E-06	1.16E-05	1.06E-04	3.7E-08	1.1E-07	6.4E-08	5.8E-08	2.7E-08	1.4E-09	3.5E-08	2.1E-08	1.9E-08	4.2E-09	8.1E-08
1698	UCART2	480859.83	3732652.05	480859.83	0.87234	0.83983	1.16996	0.00025	0.00043	0.00039	9.00E-06	7.41E-07	7.17E-05	4.17E-06	7.17E-06	1.22E-05	1.05E-04	3.6E-08	1.1E-07	6.3E-08	5.8E-08	2.6E-08	1.4E-09	3.4E-08	2.1E-08	1.9E-08	4.1E-09	8.0E-08
1699	UCART2	480909.83	3732652.05	480909.83	0.85335	0.82734	1.16579	0.00023	0.00039	0.00041	8.80E-06	7.30E-07	7.14E-05	3.83E-06	6.50E-06	1.28E-05	1.04E-04	3.6E-08	1.1E-07	6.3E-08	5.7E-08	2.6E-08	1.4E-09	3.4E-08	2.1E-08	1.9E-08	4.1E-09	7.9E-08
1700	UCART2	480959.83	3732652.05	480959.83	0.83291	0.80995	1.16382	0.00022	0.00035	0.00044	8.59E-06	7.15E-07	7.13E-05	3.67E-06	5.83E-06	1.37E-05	1.04E-04	3.6E-08	1.1E-07	6.3E-08	5.7E-08	2.6E-08	1.4E-09	3.4E-08	2.1E-08	1.9E-08	4.1E-09	7.9E-08
1701	UCART2	481009.83	3732652.05	481009.83	0.81445	0.7955	1.14602	0.0002	0.00032	0.00046	8.40E-06	7.02E-07	7.02E-05	3.33E-06	5.33E-06	1.44E-05	1.02E-04	3.5E-08	1.1E-07	6.2E-08	5.6E-08	2.6E-08	1.4E-09	3.4E-08	2.0E-08	1.9E-08	4.0E-09	7.8E-08
1702	UCART2	481059.83	3732652.05	481059.83	0.79879	0.78364	1.12856	0.00019	0.00029	0.00049	8.24E-06	6.92E-07	6.91E-05	3.17E-06	4.83E-06	1.53E-05	1.01E-04	3.5E-08	1.1E-07	6.1E-08	5.6E-08	2.5E-08	1.4E-09	3.3E-08	2.0E-08	1.8E-08	4.0E-09	7.7E-08
1703	UCART2	481109.83	3732652.05	481109.83	0.78568	0.77415	1.12563	0.00017	0.00027	0.00052	8.10E-06	6.83E-07	6.89E-05	2.83E-06	4.50E-06	1.62E-05	1.01E-04	3.5E-08	1.1E-07	6.1E-08	5.6E-08	2.5E-08	1.4E-09	3.3E-08	2.0E-08	1.8E-08	4.0E-09	7.7E-08
1704	UCART2	481159.83	3732652.05	481159.83	0.77489	0.76684	1.12194	0.00016	0.00025	0.00056	7.99E-06	6.77E-07	6.87E-05	2.67E-06	4.17E-06	1.75E-05	1.02E-04	3.5E-08	1.1E-07	6.2E-08	5.6E-08	2.5E-08	1.4E-09	3.3E-08	2.0E-08	1.8E-08	4.0E-09	7.8E-08
1705	UCART2	481209.83	3732652.05	481209.83	0.76613	0.76145	1.11751	0.00015	0.00023	0.0006	7.90E-06	6.72E-07	6.84E-05	2.50E-06	3.83E-06	1.87E-05	1.02E-04	3.5E-08	1.1E-07	6.2E-08	5.6E-08	2.6E-08	1.4E-09	3.4E-08	2.0E-08	1.8E-08	4.0E-09	7.8E-08
1706	UCART2	481259.83	3732652.05	481259.83	0.75914	0.75774	1.11234	0.00015	0.00021	0.00065	7.83E-06	6.69E-07	6.81E-05	2.50E-06	3.50E-06	2.03E-05	1.03E-04	3.6E-08	1.1E-07	6.2E-08	5.6E-08	2.6E-08	1.4E-09	3.4E-08	2.1E-08	1.9E-08	4.1E-09	7.8E-08
1707	UCART2	481309.83	3732652.05	481309.83	0.75369	0.75549	1.10632	0.00014	0.00019	0.00071	7.77E-06	6.67E-07	6.78E-05	2.33E-06	3.17E-06	2.22E-05	1.04E-04	3.6E-08	1.1E-07	6.3E-08	5.7E-08	2.6E-08	1.4E-09	3.4E-08	2.1E-08	1.9E-08	4.1E-09	7.9E-08
1708	UCART2	481359.83	3732652.05	481359.83	0.74953	0.75447	1.09919	0.00013	0.00018	0.00078	7.73E-06	6.66E-07	6.73E-05	2.17E-06	3.00E-06	2.44E-05	1.05E-04	3.6E-08	1.1E-07	6.4E-08	5.8E-08	2.6E-08	1.4E-09	3.5E-08	2.1E-08	1.9E-08	4.2E-09	8.0E-08
1709	UCART2	481409.83	3732652.05	481409.83	0.74631	0.75433	1.09161	0.00012	0.00017	0.00087	7.70E-06	6.66E-07	6.69E-05	2.00E-06	2.83E-06	2.72E-05	1.07E-04	3.7E-08	1.1E-07	6.5E-08	5.9E-08	2.7E-08	1.5E-09	3.5E-08	2.1E-08	1.9E-08	4.2E-09	8.2E-08
1710	UCART2	481459.83	3732652.05	481459.83	0.74384	0.7549	1.08326	0.00012	0.00016	0.001	7.67E-06	6.66E-07	6.63E-05	2.00E-06	2.67E-06	3.12E-05	1.11E-04	3.8E-08	1.2E-07	6.7E-08	6.1E-08	2.8E-08	1.5E-09	3.6E-08	2.2E-08	2.0E-08	4.4E-09	8.4E-08
1711	UCART2	481509.83	3732652.05	481509.83	0.7419	0.75593	1.07397	0.00011	0.00015	0.00114	7.65E-06	6.67E-07	6.58E-05	1.83E-06	2.50E-06	3.56E-05	1.14E-04	3.9E-08	1.2E-07	6.9E-08	6.3E-08	2.9E-08	1.6E-09	3.7E-08	2.3E-08	2.1E-08	4.5E-09	8.7E-08
1712	UCART2	481559.83	3732652.05	481559.83	0.74024	0.75719	1.06363	0.00011	0.00014	0.00132	7.64E-06	6.68E-07	6.51E-05	1.83E-06	2.33E-06	4.12E-05	1.19E-04	4.1E-08	1.2E-07	7.2E-08	6.5E-08	3.0E-08	1.6E-09	3.9E-08	2.4E-08	2.2E-08	4.7E-09	9.1E-08
1713	UCART2	481609.83	3732652.05	481609.83	0.73862	0.75844	1.05233	0.00011	0.00013	0.00152	7.62E-06	6.69E-07	6.45E-05	1.83E-06	2.17E-06	4.75E-05	1.24E-04	4.3E-08	1.3E-07	7.5E-08	6.8E-08	3.1E-08	1.7E-09	4.1E-08	2.5E-08	2.2E-08	4.9E-09	9.5E-08
1714	UCART2	481659.83	3732652.05	481659.83	0.73683	0.75947	1.0401	0.0001	0.00012	0.00174	7.60E-06	6.70E-07	6.37E-05	1.67E-06	2.00E-06	5.44E-05	1.30E-04	4.5E-08	1.4E-07	7.9E-08	7.1E-08	3.3E-08	1.8E-09	4.3E-08	2.6E-08	2.4E-08	5.1E-09	9.9E-08
1715	UCART2	481709.83	3732652.05	479709.83	5.53378	5.66449	0.98552	0.01323	0.00505	0.00011	5.71E-05	5.00E-06	6.04E-05	2.20E-06	8.42E-05	3.44E-06	4.31E-04	1.5E-07	4.5E-07	2.6E-07	2.4E-07	1.1E-07	5.9E-09	1.4E-07	8.6E-08	7.8E-08	1.7E-08	3.3E-07
1716	UCART2	479759.83	3732702.05	479759.83	5.16998	5.03987	1.03498	0.01095	0.00505	0.00012	5.33E-05	4.45E-06	6.34E-05	1.82E-06	8.42E-05	3.75E-06	3.92E-04	1.4E-07	4.1E-07	2.4E-07	2.1E-07	9.8E-08	5.3E-09	1.3E-07	7.8E-08	7.1E-08	1.5E-08	3.0E-07
1717	UCART2	479809.83	3732702.05	479809.83	4.72249	4.40967	1.07633	0.00888	0.00491	0.00012	4.87E-05	3.89E-06	6.59E-05	1.48E-04	8.18E-05	3.75E-06	3.52E-04	1.2E-07	3.7E-07	2.1E-07	1.9E-07	8.8E-08	4.8E-09	1.2E-07	7.0E-08	6.4E-08	1.4E-08	2.7E-07
1718	UCART2	479859.83	3732702.05	479859.83	4.19288	3.71864	1.10708	0.00721	0.0046	0.00013	4.33E-05	3.28E-06	6.78E-05	1.20E-04	7.67E-05	4.06E-06	3.15E-04	1.1E-07	3.3E-07	1.9E-07	1.7E-07	7.9E-08	4.3E-09	1.0E-07	6.3E-08	5.7E-08	1.2E-08	2.4E-07
1719	UCART2	479909.83	3732702.05	479909.83	3.73168	3.28435	1.12226	0.00578	0.00422	0.00013	3.85E-05	2.90E-06	6.87E-05	9.63E-05	7.03E-05	4.06E-06	2.81E-04	9.7E-08	2.9E-07	1.7E-07	1.5E-07	7.0E-08	3.8E-09	9.2E-08	5.6E-08	5.1E-08	1.1E-08	2.1E-07
1720	UCART2	479959.83	3732702.05	479959.83	3.30029	2.90944	1.13681	0.00461	0.00381	0.00014	3.40E-05	2.57E-06	6.96E-05	7.68E-05	6.35E-05	4.37E-06	2.51E-04	8.7E-08	2.6E-07	1.5E-07	1.4E-07	6.3E-08	3.4E-09	8.2E-08	5.0E-08	4.5E-08	9.9E-09	1.9E-07
1721	UCART2	480009.83	3732702.05	480009.83	2.92763	2.59238	1.14795	0.00368	0.00342	0.00015	3.02E-05	2.29E-06	7.03E-05	6.13E-05	5.70E-05	4.69E-06	2.26E-04	7.8E-08	2.4E-07	1.4E-07	1.2E-07	5.7E-08	3.1E-09	7.4E-08	4.5E-08	4.1E-08	8.9E-09	1.7E-07
1722	UCART2	480059.83	3732702.05	480059.83	2.61398	2.32543	1.15766	0.00292	0.00301	0.00015	2.70E-05	2.05E-06	7.09E-05	4.87E-05	5.02E-05	4.69E-06	2.03E-04	7.0E-08	2.1E-07	1.2E-07	1.1E-07	5.1E-08	2.8E-09	6.7E-08	4.1E-08	3.7E-08	8.0E-09	1.6E-07
1723	UCART2	480109.83	3732702.05	480109.83	2.33438	2.08803	1.16568	0.00232	0.00266	0.00016	2.41E-05	1.84E-06	7.14E-05	3.87E-05	4.43E-05	5.00E-06	1.85E-04	6.4E-08	1.9E-07	1.1E-07	1.0E-07	4.6E-08	2.5E-09	6.1E-08	3.7E-08	3.4E-08	7.3E-09	1.4E-07
1724	UCART2	480159.83	3732702.05	480159.83	2.1114	1.89629	1.17371	0.00185	0.00233	0.00017	2.18E-05	1.67E-06	7.19E-05	3.08E-05	3.88E-05	5.31E-06	1.70E-04	5.9E-08	1.8E-07	1.0E-07	9.3E-08	4.3E-08	2.3E-09	5.6E-08	3.4E-08	3.1E-08	6.7E-09	1.3E-07
1725	UCART2	480209.83	3732702.05	480209.83	1.92333	1.73405	1.1815	0.00148	0.00204	0.00018	1.98E-05	1.53E-06	7.24E-05	2.47E-05	3.40E-05	5.62E-06	1.58E-04	5.5E-08	1.7E-07	9.6E-08	8.7E-08	4.0E-08	2.1E-09	5.2E-08	3.2E-08	2.9E-08	6.2E-09	1.2E-07
1726	UCART2	480259.83	3732702.05	480259.83	1.75976	1.59304	1.1893	0.00121	0.00179	0.00019	1.82E-05	1.41E-06	7.28E-05	2.02E-05	2.98E-05	5.94E-06	1.48E-04	5.1E-08	1.6E-07	9.0E-08	8.1E-08	3.7E-08	2.0E-09	4.9E-08	3.0E-08	2.7E-08	5.9E-09	1.1E-07
1727	UCART2	480309.83	3732702.05	480309.83	1.61664	1.4701	1.19701	0.00099	0.00157	0.0002	1.67E-05	1.30E-06	7.33E-05	1.65E-05	2.62E-05	6.25E-06	1.40E-04	4.9E-08	1.5E-07	8.5E-08	7.7E-08	3.5E-08	1.9E-09	4.6E-08	2.8E-08	2.5E-08	5.5E-09	1.1E-07
1728	UCART2	480359.83	3732702.05	480359.83	1.49231	1.36383	1.20499	0.00083	0.00138	0.00022	1.54E-05	1.20E-06	7.38E-05	1.38E-05	2.30E-05	6.87E-06	1.34E-04	4.6E-08	1.4E-07	8.1E-08	7.4E-08	3.4E-08	1.8E-09	4.4E-08	2.7E-08	2.4E-08	5.3E-09	1.0E-07
1729	UCART2	480409.83	3732702.05	480409.83	1.38517	1.27255	1.21286	0.00069	0.00122	0.00023	1.43E-05	1.12E-06	7.43E-05	1.15E-05	2.03E-05	7.19E-06	1.29E-04	4.5E-08	1.3E-07	7.8E-08	7.1E-08	3.2E-08	1.8E-09	4.2E-08	2.6E-08	2.3E-08	5.1E-09	9.8E-08
1730	UCART2	480459.83	3732702.05	480459.83	1.2882	1.19074	1.22027	0.00059	0.00107	0.00024	1.33E-05	1.05E-06	7.47E-05	9.83E-06	1.78E-05	7.50E-06	1.24E-04	4.3E-08	1.3E-07	7.5E-08	6.8E-08	3.1E-08	1.7E-09	4.1E-08	2.5E-08	2.2E-08	4.9E-09	9.5E-08
1731	UCART2	480509.83	3732702.05	480509.83	1.21	1.12532	1.22708	0.00051	0.00095	0.00026	1.25E-05	9.93E-07	7.52E-05	8.50E-06	1.58E-05	8.12E-06	1.21E-04	4.2E-08	1.3E-07	7.3E-08	6.6E-08	3.0E-08	1.6E-09	4.0E-08	2.4E-08	2.2E-08	4.8E-09	9.2E-08
1732	UCART2	480559.83	3732702.05	480559.83	1.14376	1.06864	1.23348	0.00045	0.00083	0.00028	1.18E-05	9.43E-07	7.55E-05	7.50E-06	1.38E-05	8.75E-06	1.18E-04	4.1E-08	1.2E-07	7.2E-08	6.5E-08	3.0E-08	1.6E-09	3.9E-08	2.4E-08	2.1E-08	4.7E-09	9.0E-08
1733	UCART2	480609.83	3732702.05	480609.83	1.08702	1.02054	1.23918	0.00039	0.00073	0.0003	1.12E-05	9.01E-07	7.59E-05	6.50E-06	1.22E-05	9.37E-06	1.16E-04	4.0E-08	1.2E-07	7.0E-08	6.4E-08	2.9E-08	1.6E-09	3.8E-08	2.3E-08	2.1E-08	4.6E-09	8.8E-08
1734	UCART2	480659.83	3732702.05	480659.83	1.03902	0.98038	1.24309	0.00035	0.00065	0.00032	1.07E-05	8.65E-07	7.61E-05	5.83E-06	1.08E-05	1.00E-05	1.14E-04	4.0E-08	1.2E-07	6.9E-08	6.3E-08	2.9E-08	1.6E-09	3.8E-08	2.3E-08	2.1E-08	4.5E-09	8.7E-08
1735	UCART2	480709.83	3732702.05	480709.83	0.99488	0.94314	1.24386	0.00032	0.00058	0.00034	1.03E-05	8.33E-07	7.62E-05	5.33E-06	9.67E-06	1.06E-05	1.13E-04	3.9E-08	1.2E-07	6.8E-08	6.2E-08	2.8E-08	1.5E-09	3.7E-08	2.3E-08	2.0E-08	4.5E-09	8.6E-08
1736	UCART2	480759.83	3732702.05	480759.83	0.95576	0.91023	1.24688	0.00029	0.00051	0.00037	9.86E-06	8.03E-07	7.64E-05	4.83E-06	8.50E-06	1.16E-05	1.12E-04	3.9E-08	1.2E-07	6.8E-08	6.1E-08	2.8E-08	1.5E-09	3.7E-08	2.2E-08	2.0E-08	4.4E-09	8.5E-08
1737	UCART2	480809.83	3732702.05	480809.83	0.9233	0.88364	1.23823	0.00026	0.00046	0.00039	9.52E-06	7.80E-07	7.58E-05	4.33E-06	7.67E-06	1.22E-05	1.10E-04	3.8E-08	1.2E-07	6.7E-08	6.1E-08	2.8E-08	1.5E-09	3.6E-08	2.2E-08	2.0E-08	4.4E-09	8.4E-08
1738	UCART2	480859.83	3732702.05	480859.83	0.8945	0.86017	1.23541	0.00024	0.00041	0.00042	9.23E-06	7.59E-07	7.57E-05	4.00E-06	6.83E-06	1.31E-05	1.10E-04	3.8E-08	1.1E-07	6.6E-08	6.0E-08	2.7E-08	1.5E-09	3.6E-08	2.2E-08	2.0E-08	4.3E-09	8.4E-08
1739	UCART2	480909.83	3732702.05	480909.83	0.87644	0.8477	1.23494	0.00022	0.00037	0.00044	9.04E-06	7.38E-07	7.56E-05	3.67E-06	6.17E-06	1.37E-05	1.09E-04	3.8E-08	1.1E-07	6.6E-08	6.0E-08	2.7E-08	1.5E-09	3.6E-08	2.2E-08	2.0E-08	4.3E-09	8.3E-08
1740	UCART2	480959.83	3732702.05	480959.83	0.85498	0.83078	1.2136	0.00021	0.00033	0.00047	8.82E-06	7.33E-07	7.43E-05	3.50E-06	5.50E-06	1.47E-05	1.08E-04	3.7E-08	1.1E-07	6.5E-08	5.9E-08	2.7E-08	1.5E-09	3.5E-08	2.1E-08	1.9E-08	4.2E-09	8.2E-08
1741	UCART2	481009.83	3732702.05	481009.83	0.83697	0.81705	1.19957	0.00019	0.0003	0.0005	8.63E-06	7.21E-07	7.35E-05	3.17E-06	5.00E-06	1.56E-05	1.07E-04	3.7E-08	1.1E-07	6.5E-08	5.8E-08	2.7E-08	1.4E-09	3.5E-08	2.1E-08	1.9E-08	4.2E-09	8.1E-08
1742	UCART2	481059.83	3732702.05	481059.83	0.82205	0.80619	1.19721	0.00018	0.00027	0.00053	8.48E-06	7.12E-07	7.33E-05	3.00E-06	4.50E-06	1.66E-05	1.07E-04	3.7E-08	1.1E-07	6.4E-08	5.8E-08	2.7E-08	1.4E-09	3.5E-08	2.1E-08	1.9E-08	4.2E-09	8.1E-08
1743	UCART2	481109.83	3732702.05	481109.83	0.80992	0.79793	1.19419	0.00017	0.00025	0.00057	8.35E-06	7.04E-07	7.31E-05	2.83E-06	4.17E-06	1.78E-05	1.07E-04	3.7E-08	1.1E-07	6.5E-08	5.9E-08	2.7E-08	1.5E-09	3.5E-08	2.1E-08	1.9E-08	4.2E-09	8.2E-08
1744	UCART2	481159.83	3732702.05	481159.83	0.80034	0.79206	1.19039	0.00016	0.00023	0.0006	8.26E-06	6.99E-07	7.29E-05	2.67E-06	3.83E-06	1.87E-05	1.07E-04	3.7E-08	1.1E-07	6.5E-08	5.9E-08	2.7E-08	1.5E-09	3.5E-08	2.1E-08	1.9E-08	4.2E-09	8.2E-08
1745	UCART2	481209.83	3732702.05	481209.83	0.79304	0.78835	1.18579	0.00015	0.00021	0.00065	8.18E-06	6.96E-07	7.26E-05	2.50E-06	3.50E-06	2.03E-05	1.08E-04	3.7E-08	1.1E-07	6.5E-08	5.9E-08	2.7E-08	1.5E-09	3.5E-08	2.2E-08	2.0E-08	4.3E-09	8.2E-08
1746	UCART2	481259.83	3732702.05	481259.83	0.78771	0.78653	1.18039	0.00014	0.0002	0.0007	8.13E-06	6.94E-07	7.23E-05	2.33E-06	3.33E-06	2.19E-05	1.09E-04	3.8E-08	1.1E-07	6.6E-08	6.0E-08	2.7E-08	1.5E-09	3.6E-08	2.2E-08	2.0E-08	4.3E-09	8.3E-08
1747	UCART2	481309.83	3732702.05	481309.83	0.78408	0.78635	1.17412	0.00013	0.00018	0.00076	8.09E-06	6.94E-07	7.19E-05	2.17E-06	3.00E-06	2.37E-05	1.10E-04	3.8E-08	1.1E-07	6.6E-08	6.0E-08	2.7E-08	1.5E-09	3.6E-08	2.2E-08	2.0E-08	4.3E-09	8.4E-08
1748	UCART2	481359.83	3732702.05	481359.83	0.78188	0.78753	1.1668	0.00013	0.00017	0.00084	8.07E-06	6.95E-07	7.15E-05	2.17E-06	2.83E-06	2.62E-05	1.11E-04	3.9E-08	1.2E-07	6.7E-08	6.1E-08	2.8E-08	1.5E-09	3.7E-08	2.2E-08	2.0E-08	4.4E-09	8.5E-08
1749	UCART2	481409.83	3732702.05	481409.83	0.78074	0.78975	1.15876	0.00012	0.00016	0.00095	8.05E-06	6.97E-07	7.10E-05	2.00E-06	2.67E-06	2.97E-05	1.14E-04	3.9E-08	1.2E-07	6.9E-08	6.3E-08	2.9E-08	1.6E-09	3.7E-08	2.3E-08	2.1E-08	4.5E-09	8.7E-08
1750	UCART2	481459.83	3732702.05	481459.83	0.78041	0.79273	1.14976	0.00012	0.00015	0.00108	8.05E-06	7.00E-07	7.04E-05	2.00E-06	2.50E-06	3.37E-05	1.17E-04	4.1E-08	1.2E-07	7.1E-08	6.4E-08	2.9E-08	1.6E-09	3.9E-08	2.3E-08	2.1E-08	4.6E-09	9.0E-08
1751	UCART2	481509.83	3732702.05	481509.83	0.7806	0.79621	1.14011	0.00011	0.00014	0.00125	8.05E-06	7.03E-07	6.98E-05	1.83E-06	2.33E-06	3.91E-05	1.22E-04	4.2E-08	1.3E-07	7.4E-08	6.7E-08	3.0E-08	1.7E-09	4.0E-08	2.4E-08	2.2E-08	4.8E-09	9.3E-08
1752	UCART2	481559.83	3732702.05	481559.83	0.78099	0.79984	1.12886	0.00011	0.00013	0.00144	8.06E-06	7.06E-07	6.91E-05	1.83E-06	2.17E-06	4.50E-05	1.27E-04	4.4E-08	1.3E-07	7.7E-08	7.0E-08	3.2E-08	1.7E-09	4.2E-08	2.5E-08	2.3E-08	5.0E-09	9.7E-08
1753	UCART2	481609.83	3732702.05	481609.83	0.78129	0.80335	1.11664	0.0001	0.00013	0.00167	8.06E-06	7.09E-07	6.84E-05	1.67E-06	2.17E-06	5.22E-05	1.33E-04	4.6E-08	1.4E-07	8.1E-08	7.3E-08	3.3E-08	1.8E-09	4.4E-08	2.7E-08	2.4E-08	5.3E-09	1.0E-07
1754	UCART2	481659.83	3732702.05	481659.83	0.7813	0.80653	1.10356	0.0001	0.00012	0.00193	8.06E-06	7.12E-07	6.76E-05	1.67E-06	2.00E-06	6.03E-05	1.40E-04	4.9E-08	1.5E-07	8.5E-08	7.7E-08	3.5E-08	1.9E-09	4.6E-08	2.8E-08	2.5E-08	5.5E-09	1.1E-07
1755	UCART2	479709.83	3732752.05	479709.83	6.535	6.57485	1.08791	0.01459	0.00594	0.00011	6.74E-05	5.80E-06	6.66E-05	2.43E-04	9.90E-05	3.44E-06	4.85E-04	1.7E-07	5.1E-07	2.9E-07	2.7E-07	1.2E-07	6.6E-09	1.6E-07	9.7E-08	8.8E-08	1.9E-08	3.7E-07
1756	UCART2	479759.83	3732752.05	479759.83	6.0965	5.73839	1.13802	0.01163	0.00589	0.00012	6.29E-05	5.07E-06	6.97E-05	1.94E-04	9.82E-05	3.75E-06	4.33E-04	1.5E-07	4.5E-07	2.6E-07	2.4E-07	1.1E-07	5.9E-09	1.4E-07	8.7E-08	7.8E-08	1.7E-08	3.3E-07
1757	UCART2	479809.83	3732752.05	479809.83	5.43198	4.88679	1.1818	0.0092	0.00563	0.00012	5.60E-05	4.31E-06	7.24E-05	1.53E-04	9.38E-05	3.75E-06	3.84E-04	1.3E-07	4.0E-07	2.3E-07	2.1E-07	9.6E-08	5.2E-09	1.3E-07	7.7E-08	6.9E-08	1.5E-08	2.9E-07
1758	UCART2	479859.83	3732752.05	479859.83	4.71274	4.09085	1.21088	0.00717	0.00521	0.00013	4.86E-05	3.61E-06	7.42E-05	1.19E-04	8.68E-05	4.06E-06	3.37E-04	1.2E-07	3.5E-07	2.0E-07	1.8E-07	8.4E-08	4.6E-09	1.1E-07	6.7E-08	6.1E-08	1.3E-08	2.6E-07
1759	UCART2	479909.83	3732752.05	479909.83	4.10534	3.55827	1.22047	0.00563	0.00471	0.00013	4.23E-05	3.14E-06	7.47E-05	9.38E-05	7.85E-05	4.06E-06	2.97E-04	1.0E-07	3.1E-07	1.8E-07	1.6E-07	7.4E-08	4.0E-09	9.7E-08	5.9E-08	5.4E-08	1.2E-08	2.3E-07
1760	UCART2	479959.83	3732752.05	479959.83	3.57244	3.11306	1.2285	0.00439	0.00423	0.00014	3.69E-05	2.75E-06	7.52E-05	7.32E-05	7.05E-05	4.37E-06	2

1836	UCART2	479759.83	3732852.05	479759.83	8.62515	7.23192	1.42653	0.01139	0.00804	0.00012	8.90E-05	6.38E-06	8.74E-05	1.90E-04	1.34E-04	3.75E-06	5.10E-04	1.8E-07	5.3E-07	3.1E-07	2.8E-07	1.3E-07	6.9E-09	1.7E-07	1.0E-07	9.2E-08	2.0E-08	3.9E-07
1837	UCART2	479809.83	3732852.05	479809.83	7.18307	5.88749	1.47141	0.00825	0.00742	0.00012	7.41E-05	5.20E-06	9.01E-05	1.37E-04	1.24E-04	3.75E-06	4.34E-04	1.5E-07	4.5E-07	2.6E-07	2.4E-07	1.1E-07	5.9E-09	1.4E-07	8.7E-08	7.9E-08	1.7E-08	3.3E-07
1838	UCART2	479859.83	3732852.05	479859.83	5.92214	4.88683	1.47829	0.00605	0.00669	0.00013	6.11E-05	4.31E-06	9.05E-05	1.01E-04	1.11E-04	4.06E-06	3.72E-04	1.3E-07	3.9E-07	2.3E-07	2.0E-07	9.3E-08	5.1E-09	1.2E-07	7.4E-08	6.7E-08	1.5E-08	2.8E-07
1839	UCART2	479909.83	3732852.05	479909.83	4.93756	4.12918	1.46885	0.00445	0.00589	0.00013	5.09E-05	3.64E-06	9.00E-05	7.42E-05	9.82E-05	4.06E-06	3.21E-04	1.1E-07	3.4E-07	1.9E-07	1.8E-07	8.0E-08	4.4E-09	1.1E-07	6.4E-08	5.8E-08	1.3E-08	2.4E-07
1840	UCART2	479959.83	3732852.05	479959.83	4.17702	3.53618	1.45146	0.00332	0.00514	0.00014	4.31E-05	3.12E-06	8.89E-05	5.53E-05	8.57E-05	4.37E-06	2.80E-04	9.7E-08	2.9E-07	1.7E-07	1.5E-07	7.0E-08	3.8E-09	9.2E-08	5.6E-08	5.1E-08	1.1E-08	2.1E-07
1841	UCART2	480009.83	3732852.05	480009.83	3.55428	3.04099	1.43934	0.00253	0.00444	0.00015	3.67E-05	2.68E-06	8.82E-05	4.22E-05	7.40E-05	4.69E-06	2.48E-04	8.6E-08	2.6E-07	1.5E-07	1.4E-07	6.2E-08	3.4E-09	8.2E-08	5.0E-08	4.5E-08	9.8E-09	1.9E-07
1842	UCART2	480059.83	3732852.05	480059.83	3.09704	2.67259	1.43463	0.00196	0.00378	0.00015	3.19E-05	2.36E-06	8.79E-05	3.27E-05	6.30E-05	4.69E-06	2.23E-04	7.7E-08	2.3E-07	1.3E-07	1.2E-07	5.6E-08	3.0E-09	7.3E-08	4.4E-08	4.0E-08	8.8E-09	1.7E-07
1843	UCART2	480109.83	3732852.05	480109.83	2.72335	2.36883	1.43336	0.00153	0.00321	0.00016	2.81E-05	2.09E-06	8.78E-05	2.55E-05	5.35E-05	5.00E-06	2.02E-04	7.0E-08	2.1E-07	1.2E-07	1.1E-07	5.1E-08	2.7E-09	6.6E-08	4.0E-08	3.7E-08	8.0E-09	1.5E-07
1844	UCART2	480159.83	3732852.05	480159.83	2.38473	2.09992	1.43762	0.0012	0.00272	0.00017	2.46E-05	1.85E-06	8.80E-05	2.00E-05	4.53E-05	5.31E-06	1.85E-04	6.4E-08	1.9E-07	1.1E-07	1.0E-07	4.6E-08	2.5E-09	6.1E-08	3.7E-08	3.4E-08	7.3E-09	1.4E-07
1845	UCART2	480209.83	3732852.05	480209.83	2.14495	1.90228	1.44295	0.00098	0.00232	0.00018	2.21E-05	1.68E-06	8.84E-05	1.63E-05	3.87E-05	5.62E-06	1.73E-04	6.0E-08	1.8E-07	1.0E-07	9.5E-08	4.3E-08	2.4E-09	5.7E-08	3.5E-08	3.1E-08	6.8E-09	1.3E-07
1846	UCART2	480259.83	3732852.05	480259.83	1.94236	1.73403	1.447	0.00081	0.00196	0.00019	2.00E-05	1.53E-06	8.86E-05	1.35E-05	3.27E-05	5.94E-06	1.62E-04	5.6E-08	1.7E-07	9.8E-08	8.9E-08	4.1E-08	2.2E-09	5.3E-08	3.2E-08	2.9E-08	6.4E-09	1.2E-07
1847	UCART2	480309.83	3732852.05	480309.83	1.77212	1.59226	1.45283	0.00068	0.00165	0.0002	1.83E-05	1.41E-06	8.90E-05	1.13E-05	2.75E-05	6.25E-06	1.54E-04	5.3E-08	1.6E-07	9.3E-08	8.4E-08	3.8E-08	2.1E-09	5.1E-08	3.1E-08	2.8E-08	6.1E-09	1.2E-07
1848	UCART2	480359.83	3732852.05	480359.83	1.62879	1.4728	1.45991	0.00059	0.0014	0.00022	1.68E-05	1.30E-06	8.94E-05	9.83E-06	2.33E-05	6.87E-06	1.48E-04	5.1E-08	1.5E-07	8.9E-08	8.1E-08	3.7E-08	2.0E-09	4.8E-08	2.9E-08	2.7E-08	5.8E-09	1.1E-07
1849	UCART2	480409.83	3732852.05	480409.83	1.50441	1.36837	1.46587	0.00051	0.00117	0.00023	1.55E-05	1.21E-06	8.98E-05	8.50E-06	1.95E-05	7.19E-06	1.42E-04	4.9E-08	1.5E-07	8.6E-08	7.8E-08	3.5E-08	1.9E-09	4.7E-08	2.8E-08	2.6E-08	5.6E-09	1.1E-07
1850	UCART2	480459.83	3732852.05	480459.83	1.40042	1.28156	1.47326	0.00045	0.001	0.00025	1.44E-05	1.13E-06	9.02E-05	7.50E-06	1.67E-05	7.81E-06	1.38E-04	4.8E-08	1.4E-07	8.3E-08	7.6E-08	3.4E-08	1.9E-09	4.5E-08	2.8E-08	2.5E-08	5.4E-09	1.1E-07
1851	UCART2	480509.83	3732852.05	480509.83	1.3125	1.20851	1.4808	0.0004	0.00085	0.00027	1.35E-05	1.07E-06	9.07E-05	6.67E-06	1.42E-05	8.44E-06	1.35E-04	4.7E-08	1.4E-07	8.1E-08	7.4E-08	3.4E-08	1.8E-09	4.4E-08	2.7E-08	2.4E-08	5.3E-09	1.0E-07
1852	UCART2	480559.83	3732852.05	480559.83	1.23578	1.14451	1.48602	0.00036	0.00073	0.00029	1.27E-05	1.01E-06	9.10E-05	6.00E-06	1.22E-05	9.06E-06	1.32E-04	4.6E-08	1.4E-07	8.0E-08	7.2E-08	3.3E-08	1.8E-09	4.3E-08	2.6E-08	2.4E-08	5.2E-09	1.0E-07
1853	UCART2	480609.83	3732852.05	480609.83	1.16936	1.08923	1.49024	0.00032	0.00062	0.00032	1.21E-05	9.61E-07	9.13E-05	5.33E-06	1.03E-05	1.00E-05	1.30E-04	4.5E-08	1.4E-07	7.9E-08	7.1E-08	3.3E-08	1.8E-09	4.3E-08	2.6E-08	2.4E-08	5.1E-09	9.9E-08
1854	UCART2	480659.83	3732852.05	480659.83	1.11254	1.04224	1.49208	0.00029	0.00054	0.00034	1.15E-05	9.20E-07	9.14E-05	4.83E-06	9.00E-06	1.06E-05	1.28E-04	4.4E-08	1.3E-07	7.8E-08	7.0E-08	3.2E-08	1.7E-09	4.2E-08	2.6E-08	2.3E-08	5.1E-09	9.8E-08
1855	UCART2	480709.83	3732852.05	480709.83	1.06405	1.00255	1.49101	0.00027	0.00047	0.00038	1.10E-05	8.85E-07	9.13E-05	4.50E-06	7.83E-06	1.19E-05	1.27E-04	4.4E-08	1.3E-07	7.7E-08	7.0E-08	3.2E-08	1.7E-09	4.2E-08	2.5E-08	2.3E-08	5.0E-09	9.7E-08
1856	UCART2	480759.83	3732852.05	480759.83	1.02215	0.9685	1.49176	0.00025	0.00042	0.00041	1.05E-05	8.55E-07	9.14E-05	4.17E-06	7.00E-06	1.28E-05	1.27E-04	4.4E-08	1.3E-07	7.7E-08	7.0E-08	3.2E-08	1.7E-09	4.2E-08	2.5E-08	2.3E-08	5.0E-09	9.7E-08
1857	UCART2	480809.83	3732852.05	480809.83	0.99538	0.94964	1.48434	0.00023	0.00037	0.00045	1.03E-05	8.38E-07	9.09E-05	3.83E-06	6.17E-06	1.41E-05	1.26E-04	4.4E-08	1.3E-07	7.6E-08	6.9E-08	3.2E-08	1.7E-09	4.1E-08	2.5E-08	2.3E-08	5.0E-09	9.6E-08
1858	UCART2	480859.83	3732852.05	480859.83	0.96558	0.92628	1.46217	0.00021	0.00033	0.00049	9.96E-06	8.18E-07	8.96E-05	3.50E-06	5.50E-06	1.53E-05	1.25E-04	4.3E-08	1.3E-07	7.5E-08	6.8E-08	3.1E-08	1.7E-09	4.1E-08	2.5E-08	2.3E-08	4.9E-09	9.5E-08
1859	UCART2	480909.83	3732852.05	480909.83	0.94104	0.90764	1.45435	0.0002	0.0003	0.00053	9.71E-06	8.01E-07	8.91E-05	3.33E-06	5.00E-06	1.66E-05	1.24E-04	4.3E-08	1.3E-07	7.5E-08	6.8E-08	3.1E-08	1.7E-09	4.1E-08	2.5E-08	2.3E-08	4.9E-09	9.5E-08
1860	UCART2	480959.83	3732852.05	480959.83	0.92141	0.89349	1.45355	0.00019	0.00027	0.00058	9.50E-06	7.89E-07	8.90E-05	3.17E-06	4.50E-06	1.81E-05	1.25E-04	4.3E-08	1.3E-07	7.6E-08	6.9E-08	3.1E-08	1.7E-09	4.1E-08	2.5E-08	2.3E-08	4.9E-09	9.5E-08
1861	UCART2	481009.83	3732852.05	481009.83	0.90628	0.88347	1.452	0.00018	0.00025	0.00063	9.35E-06	7.80E-07	8.89E-05	3.00E-06	4.17E-06	1.97E-05	1.26E-04	4.4E-08	1.3E-07	7.6E-08	6.9E-08	3.2E-08	1.7E-09	4.1E-08	2.5E-08	2.3E-08	5.0E-09	9.6E-08
1862	UCART2	481059.83	3732852.05	481059.83	0.89533	0.87732	1.44968	0.00017	0.00023	0.00068	9.24E-06	7.74E-07	8.88E-05	2.83E-06	3.83E-06	2.12E-05	1.27E-04	4.4E-08	1.3E-07	7.7E-08	7.0E-08	3.2E-08	1.7E-09	4.2E-08	2.5E-08	2.3E-08	5.0E-09	9.7E-08
1863	UCART2	481109.83	3732852.05	481109.83	0.88824	0.87481	1.44657	0.00016	0.00021	0.00073	9.16E-06	7.72E-07	8.86E-05	2.67E-06	3.50E-06	2.28E-05	1.28E-04	4.4E-08	1.3E-07	7.7E-08	7.0E-08	3.2E-08	1.7E-09	4.2E-08	2.5E-08	2.3E-08	5.0E-09	9.7E-08
1864	UCART2	481159.83	3732852.05	481159.83	0.88474	0.8757	1.4426	0.00015	0.00019	0.00079	9.13E-06	7.73E-07	8.84E-05	2.50E-06	3.17E-06	2.47E-05	1.29E-04	4.5E-08	1.3E-07	7.8E-08	7.1E-08	3.2E-08	1.7E-09	4.2E-08	2.6E-08	2.3E-08	5.1E-09	9.8E-08
1865	UCART2	481209.83	3732852.05	481209.83	0.88455	0.87976	1.43776	0.00014	0.00018	0.00085	9.12E-06	7.77E-07	8.81E-05	2.33E-06	3.00E-06	2.66E-05	1.30E-04	4.5E-08	1.4E-07	7.9E-08	7.1E-08	3.2E-08	1.8E-09	4.3E-08	2.6E-08	2.4E-08	5.1E-09	9.9E-08
1866	UCART2	481259.83	3732852.05	481259.83	0.88737	0.88675	1.43193	0.00013	0.00017	0.00091	9.15E-06	7.83E-07	8.77E-05	2.17E-06	2.83E-06	2.84E-05	1.31E-04	4.5E-08	1.4E-07	7.9E-08	7.2E-08	3.3E-08	1.8E-09	4.3E-08	2.6E-08	2.4E-08	5.2E-09	1.0E-07
1867	UCART2	481309.83	3732852.05	481309.83	0.89284	0.89636	1.42517	0.00013	0.00016	0.001	9.21E-06	7.91E-07	8.73E-05	2.17E-06	2.67E-06	3.12E-05	1.33E-04	4.6E-08	1.4E-07	8.1E-08	7.3E-08	3.3E-08	1.8E-09	4.4E-08	2.7E-08	2.4E-08	5.3E-09	1.0E-07
1868	UCART2	481359.83	3732852.05	481359.83	0.90056	0.90824	1.41715	0.00012	0.00015	0.00109	9.29E-06	8.02E-07	8.68E-05	2.00E-06	2.50E-06	3.41E-05	1.35E-04	4.7E-08	1.4E-07	8.2E-08	7.4E-08	3.4E-08	1.8E-09	4.4E-08	2.7E-08	2.5E-08	5.3E-09	1.0E-07
1869	UCART2	481409.83	3732852.05	481409.83	0.91007	0.92198	1.4082	0.00012	0.00014	0.00122	9.39E-06	8.14E-07	8.62E-05	2.00E-06	2.33E-06	3.81E-05	1.39E-04	4.8E-08	1.5E-07	8.4E-08	7.6E-08	3.5E-08	1.9E-09	4.6E-08	2.8E-08	2.5E-08	5.5E-09	1.1E-07
1870	UCART2	481459.83	3732852.05	481459.83	0.92086	0.93709	1.39804	0.00011	0.00013	0.0014	9.50E-06	8.27E-07	8.56E-05	1.83E-06	2.17E-06	4.37E-05	1.44E-04	5.0E-08	1.5E-07	8.7E-08	7.9E-08	3.6E-08	2.0E-09	4.7E-08	2.9E-08	2.6E-08	5.7E-09	1.1E-07
1871	UCART2	481509.83	3732852.05	481509.83	0.93203	0.95267	1.38659	0.00011	0.00013	0.00164	9.61E-06	8.41E-07	8.49E-05	1.83E-06	2.17E-06	5.12E-05	1.51E-04	5.2E-08	1.6E-07	9.1E-08	8.3E-08	3.8E-08	2.0E-09	4.9E-08	3.0E-08	2.7E-08	5.9E-09	1.1E-07
1872	UCART2	481559.83	3732852.05	481559.83	0.94382	0.96902	1.37331	0.0001	0.00012	0.00196	9.74E-06	8.55E-07	8.41E-05	1.67E-06	2.00E-06	6.12E-05	1.60E-04	5.5E-08	1.7E-07	9.7E-08	8.8E-08	4.0E-08	2.2E-09	5.2E-08	3.2E-08	2.9E-08	6.3E-09	1.2E-07
1873	UCART2	481609.83	3732852.05	481609.83	0.95478	0.98462	1.35871	0.0001	0.00012	0.00234	9.85E-06	8.69E-07	8.32E-05	1.67E-06	2.00E-06	7.31E-05	1.71E-04	5.9E-08	1.8E-07	1.0E-07	9.4E-08	4.3E-08	2.3E-09	5.6E-08	3.4E-08	3.1E-08	6.7E-09	1.3E-07
1874	UCART2	481659.83	3732852.05	481659.83	0.96468	0.99927	1.3427	0.0001	0.00011	0.00279	9.95E-06	8.82E-07	8.22E-05	1.67E-06	1.83E-06	8.72E-05	1.84E-04	6.4E-08	1.9E-07	1.1E-07	1.0E-07	4.6E-08	2.5E-09	6.0E-08	3.7E-08	3.3E-08	7.3E-09	1.4E-07
1875	UCART2	479709.83	3732902.05	479709.83	13.08879	10.9403	1.59505	0.01457	0.00994	0.00011	1.35E-04	9.66E-06	9.77E-05	2.43E-04	1.66E-04	3.44E-06	6.54E-04	2.3E-07	6.8E-07	4.0E-07	3.6E-07	1.6E-07	8.9E-09	2.1E-07	1.3E-07	1.2E-07	2.6E-08	5.0E-07
1876	UCART2	479759.83	3732902.05	479759.83	10.60821	8.28829	1.65036	0.00986	0.00934	0.00012	1.09E-04	7.32E-06	1.01E-04	1.64E-04	1.56E-04	3.75E-06	5.42E-04	1.9E-07	5.7E-07	3.3E-07	3.0E-07	1.4E-07	7.4E-09	1.8E-07	1.1E-07	9.8E-08	2.1E-08	4.1E-07
1877	UCART2	479809.83	3732902.05	479809.83	8.3197	6.50884	1.66617	0.00692	0.00844	0.00012	8.58E-05	5.75E-06	1.02E-04	1.15E-04	1.41E-04	3.75E-06	4.53E-04	1.6E-07	4.7E-07	2.7E-07	2.5E-07	1.1E-07	6.2E-09	1.5E-07	9.1E-08	8.2E-08	1.8E-08	3.5E-07
1878	UCART2	479859.83	3732902.05	479859.83	6.59378	5.28461	1.64009	0.00494	0.00752	0.00013	6.80E-05	4.66E-06	1.00E-04	8.23E-05	1.25E-04	4.06E-06	3.85E-04	1.3E-07	4.0E-07	2.3E-07	2.1E-07	9.6E-08	5.2E-09	1.3E-07	7.7E-08	7.0E-08	1.5E-08	2.9E-07
1879	UCART2	479909.83	3732902.05	479909.83	5.38584	4.40273	1.61579	0.0036	0.00653	0.00013	5.56E-05	3.89E-06	9.90E-05	6.00E-05	1.09E-04	4.06E-06	3.31E-04	1.1E-07	3.5E-07	2.0E-07	1.8E-07	8.3E-08	4.5E-09	1.1E-07	6.6E-08	6.0E-08	1.3E-08	2.5E-07
1880	UCART2	479959.83	3732902.05	479959.83	4.49109	3.73372	1.58166	0.00272	0.00559	0.00014	4.63E-05	3.30E-06	9.69E-05	4.53E-05	9.32E-05	4.37E-06	2.89E-04	1.0E-07	3.0E-07	1.8E-07	1.6E-07	7.2E-08	3.9E-09	9.5E-08	5.8E-08	5.2E-08	1.1E-08	2.2E-07
1881	UCART2	480009.83	3732902.05	480009.83	3.78893	3.19201	1.55969	0.00208	0.00475	0.00015	3.91E-05	2.82E-06	9.55E-05	3.47E-05	7.92E-05	4.69E-06	2.56E-04	8.9E-08	2.7E-07	1.5E-07	1.4E-07	6.4E-08	3.5E-09	8.4E-08	5.1E-08	4.6E-08	1.0E-08	2.0E-07
1882	UCART2	480059.83	3732902.05	480059.83	3.26357	2.77978	1.54794	0.00161	0.00399	0.00015	3.37E-05	2.45E-06	9.48E-05	2.68E-05	6.65E-05	4.69E-06	2.29E-04	7.9E-08	2.4E-07	1.4E-07	1.3E-07	5.7E-08	3.1E-09	7.5E-08	4.6E-08	4.1E-08	9.0E-09	1.7E-07
1883	UCART2	480109.83	3732902.05	480109.83	2.84481	2.44801	1.54299	0.00128	0.00333	0.00016	2.93E-05	2.16E-06	9.45E-05	2.13E-05	5.55E-05	5.00E-06	2.08E-04	7.2E-08	2.2E-07	1.3E-07	1.1E-07	5.2E-08	2.8E-09	6.8E-08	4.2E-08	3.8E-08	8.2E-09	1.6E-07
1884	UCART2	480159.83	3732902.05	480159.83	2.48673	2.16878	1.54561	0.00103	0.00282	0.00017	2.57E-05	1.91E-06	9.47E-05	1.72E-05	4.70E-05	5.31E-06	1.92E-04	6.6E-08	2.0E-07	1.2E-07	1.1E-07	4.8E-08	2.6E-09	6.3E-08	3.8E-08	3.5E-08	7.6E-09	1.5E-07
1885	UCART2	480209.83	3732902.05	480209.83	2.226	1.95806	1.54911	0.00085	0.00234	0.00018	2.30E-05	1.73E-06	9.49E-05	1.42E-05	3.90E-05	5.62E-06	1.78E-04	6.2E-08	1.9E-07	1.1E-07	9.8E-08	4.5E-08	2.4E-09	5.9E-08	3.6E-08	3.2E-08	7.0E-09	1.4E-07
1886	UCART2	480259.83	3732902.05	480259.83	2.0092	1.78138	1.55196	0.00072	0.00195	0.00019	2.07E-05	1.57E-06	9.51E-05	1.20E-05	3.25E-05	5.94E-06	1.68E-04	5.8E-08	1.8E-07	1.0E-07	9.2E-08	4.2E-08	2.3E-09	5.5E-08	3.4E-08	3.0E-08	6.6E-09	1.3E-07
1887	UCART2	480309.83	3732902.05	480309.83	1.82793	1.63281	1.55631	0.00062	0.00162	0.00021	1.89E-05	1.44E-06	9.53E-05	1.03E-05	2.70E-05	6.56E-06	1.60E-04	5.5E-08	1.7E-07	9.7E-08	8.7E-08	4.0E-08	2.2E-09	5.2E-08	3.2E-08	2.9E-08	6.3E-09	1.2E-07
1888	UCART2	480359.83	3732902.05	480359.83	1.67539	1.50725	1.56162	0.00054	0.00134	0.00022	1.73E-05	1.33E-06	9.56E-05	9.00E-06	2.23E-05	6.87E-06	1.52E-04	5.3E-08	1.6E-07	9.2E-08	8.4E-08	3.8E-08	2.1E-09	5.0E-08	3.0E-08	2.8E-08	6.0E-09	1.2E-07
1889	UCART2	480409.83	3732902.05	480409.83	1.54386	1.39813	1.57021	0.00047	0.00112	0.00023	1.59E-05	1.23E-06	9.62E-05	7.83E-06	1.87E-05	7.19E-06	1.47E-04	5.1E-08	1.5E-07	8.9E-08	8.1E-08	3.7E-08	2.0E-09	4.8E-08	2.9E-08	2.7E-08	5.8E-09	1.1E-07
1890	UCART2	480459.83	3732902.05	480459.83	1.43468	1.30797	1.57755	0.00042	0.00096	0.00025	1.48E-05	1.15E-06	9.66E-05	7.00E-06	1.57E-05	7.81E-06	1.43E-04	5.0E-08	1.5E-07	8.7E-08	7.8E-08	3.6E-08	1.9E-09	4.7E-08	2.9E-08	2.6E-08	5.6E-09	1.1E-07
1891	UCART2	480509.83	3732902.05	480509.83	1.34198	1.23143	1.58186	0.00038	0.00078	0.00027	1.38E-05	1.09E-06	9.69E-05	6.33E-06	1.30E-05	8.44E-06	1.40E-04	4.8E-08	1.5E-07	8.4E-08	7.7E-08	3.5E-08	1.9E-09	4.6E-08	2.8E-08	2.5E-08	5.5E-09	1.1E-07
1892	UCART2	480559.83	3732902.05	480559.83	1.26202	1.16536	1.58467	0.00034	0.00067	0.00029	1.30E-05	1.03E-06	9.71E-05	5.67E-06	1.12E-05	9.06E-06	1.37E-04	4.7E-08	1.4E-07	8.1E-08	7.5E-08	3.4E-08	1.9E-09	4.5E-08	2.7E-08	2.5E-08	5.4E-09	1.0E-07
1893	UCART2	480609.83	3732902.05	480609.83	1.19315	1.10857	1.58935	0.00031	0.00057	0.00032	1.23E-05	9.79E-07	9.73E-05	5.17E-06	9.50E-06	1.00E-05	1.35E-04	4.7E-08	1.4E-07	8.2E-08	7.4E-08	3.4E-08	1.8E-09	4.4E-08	2.7E-08	2.4E-08	5.3E-09	1.0E-07
1894	UCART2	480659.83	3732902.05	480659.83	1.13475	1.06084	1.58723	0.00028	0.0005	0.00035	1.17E-05	9.36E-07	9.72E-05	4.67E-06	8.33E-06	1.09E-05	1.34E-04	4.6E-08	1.4E-07	8.1E-08	7.3E-08	3.3E-08	1.8E-09	4.4E-08	2.7E-08	2.4E-08	5.3E-09	1.0E-07
1895	UCART2	480709.83	3732902.05	480709.83	1.09227	1.02955	1.57964	0.00026	0.00043	0.00038	1.13E-05	9.09E-07	9.67E-05	4.33E-06	7.17E-06	1.19E-05	1.32E-04	4.6E-08	1.4E-07	8.0E-08	7.3E-08	3.3E-08	1.8E-09	4.3E-08	2.6E-08	2.4E-08	5.2E-09	1.0E-07
1896	UCART2	480759.83	3732902.05	480759.83	1.05074	0.99539	1.58525	0.00024	0.00038	0.00042	1.08E-05	8.79E-07	9.71E-05	4.00E-06	6.33E-06	1.31E-05	1.32E-04	4.6E-08	1.4E-07	8.0E-08	7.3E-08	3.3E-08	1.8E-09	4.3E-08	2.6E-08	2.4E-08	5.2E-09	1.0E-07
1897	UCART2	480809.83	3732902.05	480809.83	1.01497	0.96712	1.57342	0.00022	0.00034	0.00046	1.05E-05	8.54E-07	9.64E-05	3.67E-06	5.67E-06	1.44E-05	1.31E-04	4.5E-08	1.4E-07	8.0E-08	7.2E-08	3.3E-08	1.8E-09	4.3E-08	2.6E-08	2.4E-08	5.2E-09	1.0E-07
1898	UCART2	480859.83	3732902.05	480859.83	0.98527	0.94424	1.55807	0.00021	0.00031	0.00051	1.02E-05	8.34E-07	9.54E-05	3.50E-06	5.17E-06	1.59E-05	1.31E-04	4.5E-08	1.4E-07	7.9E-08	7.2E-08	3.3E-08	1.8E-09	4.3E-08	2.6E-08	2.4E-08	5.2E-09	1.0E-07
1899	UCART2	480909.83	3732902.05	480909.83	0.96146	0.92666	1.55811	0.0002	0.00028	0.00056	9.92E-06	8.18E-07	9.54E-05	3.33E-06	4.67E-06	1.75E-05	1.32E-04	4.6E-08	1.4E-07	8.0E-08	7.2E-08	3.3E-08	1.8E-09	4.3E-08	2.6E-08	2.4E-08	5.2E-09	1.0E-07
1900	UCART2	480959.83	3732902.05	480959.83	0.94299	0.91394	1.55739	0.00018	0.00025	0.00062	9.73E-06	8.07E-07	9.54E-05	3.00E-06	4.17E-06	1.94E-05	1.32E-04	4.6E-08	1.4E-07	8.0E-08	7.3E-08	3.3E-08	1.8E-09	4.4E-08	2.6E-08	2.4E-08	5.2E-09	1.0E-07
1901	UCART2	481009.83	3732902.05	481009.83	0.92945	0.90576	1.55593	0.00017	0.00023	0.00067	9.59E-06	8.00E-07	9.53E-05	2.83E-06	3.83E-06	2.09E-05	1.33E-04	4.6E-08	1.4E-07	8.1E-08	7.3E-08	3.3E-08	1.8E-09	4.4E-08	2.7E-08	2.4E-08	5.3E-09	1.0E-07
1902	UCART2	481059.83	3732902.05	481059.83	0.92055	0.90189	1.5537	0.00016	0.00021	0.00074	9.50E-06	7.96E-07	9.52E-05	2.67E-06	3.50E-06	2.31E-05	1.35E-04

1978 UCART2	480859.83	3733002.05	480859.83	1.02116	0.97728	1.80566	0.0002	0.00027	0.00054	1.05E-05	8.63E-07	1.11E-04	3.33E-06	4.50E-06	1.69E-05	1.47E-04	5.1E-08	1.5E-07	8.9E-08	8.0E-08	3.7E-08	2.0E-09	4.8E-08	2.9E-08	2.7E-08	5.8E-09	1.1E-07
1979 UCART2	480909.83	3733002.05	480909.83	0.9995	0.96241	1.80603	0.00019	0.00025	0.0006	1.03E-05	8.50E-07	1.11E-04	3.17E-06	4.17E-06	1.87E-05	1.48E-04	5.1E-08	1.5E-07	8.9E-08	8.1E-08	3.7E-08	2.0E-09	4.9E-08	3.0E-08	2.7E-08	5.8E-09	1.1E-07
1980 UCART2	480959.83	3733002.05	480959.83	0.98405	0.95316	1.80584	0.00018	0.00023	0.00068	1.02E-05	8.41E-07	1.11E-04	3.00E-06	3.83E-06	2.12E-05	1.50E-04	5.2E-08	1.6E-07	9.1E-08	8.2E-08	3.7E-08	2.0E-09	4.9E-08	3.0E-08	2.7E-08	5.9E-09	1.1E-07
1981 UCART2	481009.83	3733002.05	481009.83	0.97466	0.9495	1.80481	0.00017	0.00021	0.00076	1.01E-05	8.38E-07	1.11E-04	2.83E-06	3.50E-06	2.37E-05	1.52E-04	5.2E-08	1.6E-07	9.2E-08	8.3E-08	3.8E-08	2.1E-09	5.0E-08	3.0E-08	2.7E-08	6.0E-09	1.2E-07
1982 UCART2	481059.83	3733002.05	481059.83	0.9711	0.95126	1.80302	0.00016	0.00019	0.00085	1.00E-05	8.40E-07	1.10E-04	2.67E-06	3.17E-06	2.66E-05	1.54E-04	5.3E-08	1.6E-07	9.3E-08	8.4E-08	3.8E-08	2.1E-09	5.0E-08	3.1E-08	2.8E-08	6.1E-09	1.2E-07
1983 UCART2	481109.83	3733002.05	481109.83	0.97322	0.95837	1.80048	0.00015	0.00018	0.00094	1.00E-05	8.46E-07	1.10E-04	2.50E-06	3.00E-06	2.94E-05	1.56E-04	5.4E-08	1.6E-07	9.4E-08	8.6E-08	3.9E-08	2.1E-09	5.1E-08	3.1E-08	2.8E-08	6.2E-09	1.2E-07
1984 UCART2	481159.83	3733002.05	481159.83	0.98099	0.97087	1.79699	0.00014	0.00017	0.00104	1.01E-05	8.57E-07	1.10E-04	2.33E-06	2.83E-06	3.25E-05	1.59E-04	5.5E-08	1.7E-07	9.6E-08	8.7E-08	4.0E-08	2.2E-09	5.2E-08	3.2E-08	2.9E-08	6.3E-09	1.2E-07
1985 UCART2	481209.83	3733002.05	481209.83	0.99426	0.98867	1.79264	0.00014	0.00016	0.00115	1.03E-05	8.73E-07	1.10E-04	2.33E-06	2.67E-06	3.59E-05	1.62E-04	5.6E-08	1.7E-07	9.8E-08	8.9E-08	4.1E-08	2.2E-09	5.3E-08	3.2E-08	2.9E-08	6.4E-09	1.2E-07
1986 UCART2	481259.83	3733002.05	481259.83	1.01292	1.01174	1.78731	0.00013	0.00015	0.00126	1.04E-05	8.93E-07	1.09E-04	2.17E-06	2.50E-06	3.94E-05	1.65E-04	5.7E-08	1.7E-07	1.0E-07	9.0E-08	4.1E-08	2.2E-09	5.4E-08	3.3E-08	3.0E-08	6.5E-09	1.3E-07
1987 UCART2	481309.83	3733002.05	481309.83	1.03672	1.03991	1.78094	0.00013	0.00014	0.00137	1.07E-05	9.18E-07	1.09E-04	2.17E-06	2.33E-06	4.28E-05	1.68E-04	5.8E-08	1.8E-07	1.0E-07	9.2E-08	4.2E-08	2.3E-09	5.5E-08	3.4E-08	3.0E-08	6.6E-09	1.3E-07
1988 UCART2	481359.83	3733002.05	481359.83	1.06532	1.07297	1.77332	0.00012	0.00014	0.0015	1.10E-05	9.47E-07	1.09E-04	2.00E-06	2.33E-06	4.69E-05	1.72E-04	5.9E-08	1.8E-07	1.0E-07	9.4E-08	4.3E-08	2.3E-09	5.6E-08	3.4E-08	3.1E-08	6.8E-09	1.3E-07
1989 UCART2	481409.83	3733002.05	481409.83	1.09813	1.11045	1.76429	0.00012	0.00013	0.00166	1.13E-05	9.80E-07	1.08E-04	2.00E-06	2.17E-06	5.19E-05	1.76E-04	6.1E-08	1.8E-07	1.1E-07	9.7E-08	4.4E-08	2.4E-09	5.8E-08	3.5E-08	3.2E-08	7.0E-09	1.3E-07
1990 UCART2	481459.83	3733002.05	481459.83	1.13435	1.15171	1.75363	0.00011	0.00012	0.00188	1.17E-05	1.02E-06	1.07E-04	1.83E-06	2.00E-06	5.87E-05	1.83E-04	6.3E-08	1.9E-07	1.1E-07	1.0E-07	4.6E-08	2.5E-09	6.0E-08	3.6E-08	3.3E-08	7.2E-09	1.4E-07
1991 UCART2	481509.83	3733002.05	481509.83	1.17279	1.19573	1.74116	0.00011	0.00012	0.00221	1.21E-05	1.06E-06	1.07E-04	1.83E-06	2.00E-06	6.91E-05	1.93E-04	6.7E-08	2.0E-07	1.2E-07	1.1E-07	4.8E-08	2.6E-09	6.3E-08	3.8E-08	3.5E-08	7.6E-09	1.5E-07
1992 UCART2	481559.83	3733002.05	481559.83	1.21201	1.24118	1.72668	0.0001	0.00011	0.00269	1.25E-05	1.10E-06	1.06E-04	1.67E-06	1.83E-06	8.41E-05	2.07E-04	7.2E-08	2.2E-07	1.3E-07	1.1E-07	5.2E-08	2.8E-09	6.8E-08	4.1E-08	3.7E-08	8.2E-09	1.6E-07
1993 UCART2	481609.83	3733002.05	481609.83	1.25028	1.28637	1.70999	0.0001	0.00011	0.00336	1.29E-05	1.14E-06	1.05E-04	1.67E-06	1.83E-06	1.05E-04	2.27E-04	7.9E-08	2.4E-07	1.4E-07	1.2E-07	5.7E-08	3.1E-09	7.5E-08	4.5E-08	4.1E-08	9.0E-09	1.7E-07
1994 UCART2	481659.83	3733002.05	481659.83	1.28575	1.32955	1.69083	0.0001	0.0001	0.0042	1.33E-05	1.17E-06	1.04E-04	1.67E-06	1.67E-06	1.31E-04	2.53E-04	8.7E-08	2.6E-07	1.5E-07	1.4E-07	6.3E-08	3.4E-09	8.3E-08	5.0E-08	4.6E-08	1.0E-08	1.9E-07
1995 UCART2	479709.83	3733052.05	479709.83	45.17768	16.11378	4.27798	0.00651	0.01615	0.00011	4.66E-04	1.42E-05	2.62E-04	1.08E-04	2.69E-04	3.44E-06	1.12E-03	3.9E-07	1.2E-06	6.8E-07	6.2E-07	2.8E-07	1.5E-08	3.7E-07	2.2E-07	2.0E-07	4.4E-08	8.6E-07
1996 UCART2	479759.83	3733052.05	479759.83	19.31196	10.683	3.24329	0.00438	0.01408	0.00012	1.99E-04	9.43E-06	1.99E-04	7.30E-05	2.35E-04	3.75E-06	7.19E-04	2.5E-07	7.5E-07	4.3E-07	3.9E-07	1.8E-07	9.8E-09	2.4E-07	1.4E-07	1.3E-07	2.8E-08	5.5E-07
1997 UCART2	479809.83	3733052.05	479809.83	11.9501	7.86627	2.66332	0.00333	0.0119	0.00012	1.23E-04	6.94E-06	1.63E-04	5.55E-05	1.98E-04	3.75E-06	5.51E-04	1.9E-07	5.8E-07	3.3E-07	3.0E-07	1.4E-07	7.5E-09	1.8E-07	1.1E-07	1.0E-07	2.2E-08	4.2E-07
1998 UCART2	479859.83	3733052.05	479859.83	8.52329	6.11898	2.35708	0.0026	0.00985	0.00013	8.79E-05	5.40E-06	1.44E-04	4.33E-05	1.64E-04	4.06E-06	4.49E-04	1.6E-07	4.7E-07	2.7E-07	2.5E-07	1.1E-07	6.1E-09	1.5E-07	9.0E-08	8.1E-08	1.8E-08	3.4E-07
1999 UCART2	479909.83	3733052.05	479909.83	6.44151	4.88033	2.18323	0.00206	0.00798	0.00013	6.64E-05	4.31E-06	1.34E-04	3.43E-05	1.35E-04	4.06E-06	3.76E-04	1.3E-07	3.9E-07	2.3E-07	2.1E-07	9.4E-08	5.0E-09	1.2E-07	7.5E-08	6.8E-08	1.5E-08	2.9E-07
2000 UCART2	479959.83	3733052.05	479959.83	5.16804	4.06165	2.07813	0.00165	0.00647	0.00014	5.33E-05	3.59E-06	1.27E-04	2.75E-05	1.08E-04	4.37E-06	3.24E-04	1.1E-07	3.4E-07	2.0E-07	1.8E-07	8.1E-08	4.4E-09	1.1E-07	6.5E-08	5.9E-08	1.3E-08	2.5E-07
2001 UCART2	480009.83	3733052.05	480009.83	4.27441	3.44844	2.01624	0.00136	0.00513	0.00015	4.41E-05	3.04E-06	1.23E-04	2.27E-05	8.55E-05	4.69E-06	2.83E-04	9.8E-08	3.0E-07	1.7E-07	1.6E-07	7.1E-08	3.9E-09	9.3E-08	5.7E-08	5.1E-08	1.1E-08	2.2E-07
2002 UCART2	480059.83	3733052.05	480059.83	3.615	2.97748	1.98332	0.00113	0.00407	0.00016	3.73E-05	2.63E-06	1.21E-04	1.88E-05	6.78E-05	5.00E-06	2.53E-04	8.8E-08	2.6E-07	1.5E-07	1.4E-07	6.3E-08	3.4E-09	8.3E-08	5.1E-08	4.6E-08	1.0E-08	1.9E-07
2003 UCART2	480109.83	3733052.05	480109.83	3.1126	2.60802	1.95486	0.00095	0.00322	0.00016	3.21E-05	2.30E-06	1.20E-04	1.58E-05	5.37E-05	5.00E-06	2.29E-04	7.9E-08	2.4E-07	1.4E-07	1.3E-07	5.7E-08	3.1E-09	7.5E-08	4.6E-08	4.1E-08	9.0E-09	1.7E-07
2004 UCART2	480159.83	3733052.05	480159.83	2.72004	2.31246	1.93692	0.00081	0.00254	0.00017	2.81E-05	2.04E-06	1.19E-04	1.35E-05	4.23E-05	5.31E-06	2.10E-04	7.3E-08	2.2E-07	1.3E-07	1.2E-07	5.3E-08	2.9E-09	6.9E-08	4.2E-08	3.8E-08	8.3E-09	1.6E-07
2005 UCART2	480209.83	3733052.05	480209.83	2.40743	2.07281	1.9279	0.0007	0.002	0.00018	2.48E-05	1.83E-06	1.18E-04	1.17E-05	3.33E-05	5.62E-06	1.95E-04	6.8E-08	2.0E-07	1.2E-07	1.1E-07	4.9E-08	2.7E-09	6.4E-08	3.9E-08	3.5E-08	7.7E-09	1.5E-07
2006 UCART2	480259.83	3733052.05	480259.83	2.15443	1.87609	1.92144	0.00061	0.00158	0.00019	2.22E-05	1.66E-06	1.18E-04	1.02E-05	2.63E-05	5.94E-06	1.84E-04	6.4E-08	1.9E-07	1.1E-07	1.0E-07	4.6E-08	2.5E-09	6.0E-08	3.7E-08	3.3E-08	7.3E-09	1.4E-07
2007 UCART2	480309.83	3733052.05	480309.83	1.94713	1.71305	1.90843	0.00054	0.00125	0.00021	2.01E-05	1.51E-06	1.17E-04	9.00E-06	2.08E-05	6.56E-06	1.75E-04	6.1E-08	1.8E-07	1.1E-07	9.6E-08	4.4E-08	2.4E-09	5.7E-08	3.5E-08	3.2E-08	6.9E-09	1.3E-07
2008 UCART2	480359.83	3733052.05	480359.83	1.77533	1.57662	1.9142	0.00048	0.00101	0.00022	1.83E-05	1.39E-06	1.17E-04	8.00E-06	1.68E-05	6.87E-06	1.69E-04	5.8E-08	1.8E-07	1.0E-07	9.3E-08	4.2E-08	2.3E-09	5.5E-08	3.4E-08	3.1E-08	6.7E-09	1.3E-07
2009 UCART2	480409.83	3733052.05	480409.83	1.63087	1.46071	1.95556	0.00043	0.00083	0.00024	1.68E-05	1.29E-06	1.20E-04	7.17E-06	1.38E-05	7.50E-06	1.66E-04	5.8E-08	1.7E-07	1.0E-07	9.1E-08	4.2E-08	2.3E-09	5.5E-08	3.3E-08	3.0E-08	6.6E-09	1.3E-07
2010 UCART2	480459.83	3733052.05	480459.83	1.50962	1.36321	1.96367	0.00039	0.00069	0.00025	1.56E-05	1.20E-06	1.20E-04	6.50E-06	1.15E-05	7.81E-06	1.63E-04	5.6E-08	1.7E-07	9.9E-08	8.9E-08	4.1E-08	2.2E-09	5.3E-08	3.3E-08	2.9E-08	6.4E-09	1.2E-07
2011 UCART2	480509.83	3733052.05	480509.83	1.40759	1.28113	1.9593	0.00035	0.00058	0.00027	1.45E-05	1.13E-06	1.20E-04	5.83E-06	9.67E-06	8.44E-06	1.60E-04	5.5E-08	1.7E-07	9.7E-08	8.8E-08	4.0E-08	2.2E-09	5.2E-08	3.2E-08	2.9E-08	6.3E-09	1.2E-07
2012 UCART2	480559.83	3733052.05	480559.83	1.32919	1.22043	1.94795	0.00032	0.00049	0.0003	1.37E-05	1.08E-06	1.19E-04	5.33E-06	8.17E-06	9.37E-06	1.57E-04	5.4E-08	1.6E-07	9.5E-08	8.6E-08	3.9E-08	2.1E-09	5.2E-08	3.1E-08	2.8E-08	6.2E-09	1.2E-07
2013 UCART2	480609.83	3733052.05	480609.83	1.2556	1.16127	1.93804	0.00029	0.00043	0.00032	1.30E-05	1.03E-06	1.19E-04	4.83E-06	7.17E-06	1.00E-05	1.55E-04	5.4E-08	1.6E-07	9.4E-08	8.5E-08	3.9E-08	2.1E-09	5.1E-08	3.1E-08	2.8E-08	6.1E-09	1.2E-07
2014 UCART2	480659.83	3733052.05	480659.83	1.19396	1.11212	1.94078	0.00027	0.00038	0.00035	1.23E-05	9.82E-07	1.19E-04	4.50E-06	6.33E-06	1.09E-05	1.54E-04	5.3E-08	1.6E-07	9.3E-08	8.4E-08	3.9E-08	2.1E-09	5.1E-08	3.1E-08	2.8E-08	6.1E-09	1.2E-07
2015 UCART2	480709.83	3733052.05	480709.83	1.14202	1.07111	1.94954	0.00025	0.00034	0.00039	1.18E-05	9.45E-07	1.19E-04	4.17E-06	5.67E-06	1.22E-05	1.54E-04	5.3E-08	1.6E-07	9.3E-08	8.5E-08	3.9E-08	2.1E-09	5.1E-08	3.1E-08	2.8E-08	6.1E-09	1.2E-07
2016 UCART2	480759.83	3733052.05	480759.83	1.09886	1.03761	1.95239	0.00023	0.0003	0.00043	1.13E-05	9.16E-07	1.20E-04	3.83E-06	5.00E-06	1.34E-05	1.54E-04	5.3E-08	1.6E-07	9.3E-08	8.5E-08	3.9E-08	2.1E-09	5.1E-08	3.1E-08	2.8E-08	6.1E-09	1.2E-07
2017 UCART2	480809.83	3733052.05	480809.83	1.06395	1.0113	1.95446	0.00022	0.00028	0.00049	1.10E-05	8.93E-07	1.20E-04	3.67E-06	4.67E-06	1.53E-05	1.55E-04	5.4E-08	1.6E-07	9.4E-08	8.5E-08	3.9E-08	2.1E-09	5.1E-08	3.1E-08	2.8E-08	6.1E-09	1.2E-07
2018 UCART2	480859.83	3733052.05	480859.83	1.03669	0.99176	1.95567	0.0002	0.00025	0.00055	1.07E-05	8.75E-07	1.20E-04	3.33E-06	4.17E-06	1.72E-05	1.56E-04	5.4E-08	1.6E-07	9.4E-08	8.6E-08	3.9E-08	2.1E-09	5.1E-08	3.1E-08	2.8E-08	6.2E-09	1.2E-07
2019 UCART2	480909.83	3733052.05	480909.83	1.01652	0.97857	1.95618	0.00019	0.00023	0.00062	1.05E-05	8.64E-07	1.20E-04	3.17E-06	3.83E-06	1.94E-05	1.58E-04	5.5E-08	1.6E-07	9.5E-08	8.6E-08	3.9E-08	2.1E-09	5.2E-08	3.1E-08	2.9E-08	6.2E-09	1.2E-07
2020 UCART2	480959.83	3733052.05	480959.83	1.00298	0.9714	1.95633	0.00018	0.00022	0.0007	1.03E-05	8.57E-07	1.20E-04	3.00E-06	3.67E-06	2.19E-05	1.60E-04	5.5E-08	1.7E-07	9.7E-08	8.8E-08	4.0E-08	2.2E-09	5.2E-08	3.2E-08	2.9E-08	6.3E-09	1.2E-07
2021 UCART2	481009.83	3733052.05	481009.83	0.99612	0.97038	1.95564	0.00017	0.0002	0.00079	1.03E-05	8.57E-07	1.20E-04	2.83E-06	3.33E-06	2.47E-05	1.62E-04	5.6E-08	1.7E-07	9.8E-08	8.9E-08	4.0E-08	2.2E-09	5.3E-08	3.2E-08	2.9E-08	6.4E-09	1.2E-07
2022 UCART2	481059.83	3733052.05	481059.83	0.99582	0.97547	1.95419	0.00016	0.00019	0.00089	1.03E-05	8.61E-07	1.20E-04	2.67E-06	3.17E-06	2.78E-05	1.64E-04	5.7E-08	1.7E-07	1.0E-07	9.0E-08	4.1E-08	2.2E-09	5.4E-08	3.3E-08	3.0E-08	6.5E-09	1.3E-07
2023 UCART2	481109.83	3733052.05	481109.83	1.00209	0.98673	1.95201	0.00015	0.00018	0.00101	1.03E-05	8.71E-07	1.20E-04	2.50E-06	3.00E-06	3.16E-05	1.68E-04	5.8E-08	1.8E-07	1.0E-07	9.2E-08	4.2E-08	2.3E-09	5.5E-08	3.4E-08	3.0E-08	6.6E-09	1.3E-07
2024 UCART2	481159.83	3733052.05	481159.83	1.01504	1.00436	1.94889	0.00014	0.00016	0.00113	1.05E-05	8.87E-07	1.19E-04	2.33E-06	2.67E-06	3.53E-05	1.71E-04	5.9E-08	1.8E-07	1.0E-07	9.4E-08	4.3E-08	2.3E-09	5.6E-08	3.4E-08	3.1E-08	6.8E-09	1.3E-07
2025 UCART2	481209.83	3733052.05	481209.83	1.03471	1.02845	1.94496	0.00014	0.00016	0.00126	1.07E-05	9.08E-07	1.19E-04	2.33E-06	2.67E-06	3.94E-05	1.75E-04	6.1E-08	1.8E-07	1.1E-07	9.6E-08	4.4E-08	2.4E-09	5.8E-08	3.5E-08	3.2E-08	6.9E-09	1.3E-07
2026 UCART2	481259.83	3733052.05	481259.83	1.06117	1.05914	1.94012	0.00013	0.00015	0.0014	1.09E-05	9.35E-07	1.19E-04	2.17E-06	2.50E-06	4.37E-05	1.79E-04	6.2E-08	1.9E-07	1.1E-07	9.8E-08	4.5E-08	2.4E-09	5.9E-08	3.6E-08	3.2E-08	7.1E-09	1.4E-07
2027 UCART2	481309.83	3733052.05	481309.83	1.09435	1.09646	1.93433	0.00013	0.00014	0.00154	1.13E-05	9.68E-07	1.18E-04	2.17E-06	2.33E-06	4.81E-05	1.83E-04	6.3E-08	1.9E-07	1.1E-07	1.0E-07	4.6E-08	2.5E-09	6.0E-08	3.7E-08	3.3E-08	7.2E-09	1.4E-07
2028 UCART2	481359.83	3733052.05	481359.83	1.13411	1.1404	1.92724	0.00012	0.00013	0.00168	1.17E-05	1.01E-06	1.18E-04	2.00E-06	2.17E-06	5.25E-05	1.87E-04	6.5E-08	2.0E-07	1.1E-07	1.0E-07	4.7E-08	2.5E-09	6.2E-08	3.7E-08	3.4E-08	7.4E-09	1.4E-07
2029 UCART2	481409.83	3733052.05	481409.83	1.17996	1.19065	1.91868	0.00012	0.00013	0.00185	1.22E-05	1.05E-06	1.18E-04	2.00E-06	2.17E-06	5.78E-05	1.93E-04	6.7E-08	2.0E-07	1.2E-07	1.1E-07	4.8E-08	2.6E-09	6.3E-08	3.8E-08	3.5E-08	7.6E-09	1.5E-07
2030 UCART2	481459.83	3733052.05	481459.83	1.23101	1.24656	1.90843	0.00011	0.00012	0.00209	1.27E-05	1.10E-06	1.17E-04	1.83E-06	2.00E-06	6.53E-05	2.00E-04	6.9E-08	2.1E-07	1.2E-07	1.1E-07	5.0E-08	2.7E-09	6.6E-08	4.0E-08	3.6E-08	7.9E-09	1.5E-07
2031 UCART2	481509.83	3733052.05	481509.83	1.28586	1.30702	1.89622	0.00011	0.00012	0.00244	1.33E-05	1.15E-06	1.16E-04	1.83E-06	2.00E-06	7.62E-05	2.11E-04	7.3E-08	2.2E-07	1.3E-07	1.2E-07	5.3E-08	2.9E-09	6.9E-08	4.2E-08	3.8E-08	8.3E-09	1.6E-07
2032 UCART2	481559.83	3733052.05	481559.83	1.34253	1.37029	1.88175	0.0001	0.00011	0.003	1.38E-05	1.21E-06	1.15E-04	1.67E-06	1.83E-06	9.37E-05	2.28E-04	7.9E-08	2.4E-07	1.4E-07	1.2E-07	5.7E-08	3.1E-09	7.5E-08	4.5E-08	4.1E-08	9.0E-09	1.7E-07
2033 UCART2	481609.83	3733052.05	481609.83	1.39852	1.43407	1.86476	0.0001	0.00011	0.0038	1.44E-05	1.27E-06	1.14E-04	1.67E-06	1.83E-06	1.19E-04	2.52E-04	8.7E-08	2.6E-07	1.5E-07	1.4E-07	6.3E-08	3.4E-09	8.3E-08	5.0E-08	4.6E-08	1.0E-08	1.9E-07
2034 UCART2	481659.83	3733052.05	481659.83	1.45104	1.49575	1.84481	0.0001	0.0001	0.00485	1.50E-05	1.32E-06	1.13E-04	1.67E-06	1.67E-06	1.52E-04	2.84E-04	9.8E-08	3.0E-07	1.7E-07	1.6E-07	7.1E-08	3.9E-09	9.3E-08	5.7E-08	5.1E-08	1.1E-08	2.2E-07
2035 UCART2	479709.83	3733102.05	479709.83	48.12681	15.08204	9.6039	0.005	0.01851	0.00011	4.96E-04	1.33E-05	5.88E-04	8.33E-05	3.08E-04	3.44E-06	1.49E-03	5.2E-07	1.6E-06	9.0E-07	8.2E-07	3.7E-07	2.0E-08	4.9E-07	3.0E-07	2.7E-07	5.9E-08	1.1E-06
2036 UCART2	479759.83	3733102.05	479759.83	19.83577	10.51619	4.26042	0.00377	0.01554	0.00012	2.05E-04	9.28E-06	2.61E-04	6.28E-05	2.59E-04	3.75E-06	8.00E-04	2.8E-07	8.4E-07	4.8E-07	4.4E-07	2.0E-07	1.1E-08	2.6E-07	1.6E-07	1.4E-07	3.2E-08	6.1E-07
2037 UCART2	479809.83	3733102.05	479809.83	12.29608	7.89944	3.13218	0.00297	0.01264	0.00012	1.27E-04	6.97E-06	1.92E-04	4.95E-05	2.11E-04	3.75E-06	5.90E-04	2.0E-07	6.2E-07	3.6E-07	3.2E-07	1.5E-07	8.0E-09	1.9E-07	1.2E-07	1.1E-07	2.3E-08	4.5E-07
2038 UCART2	479859.83	3733102.05	479859.83	8.75734	6.17304	2.66139	0.00238	0.01011	0.00013	9.03E-05	5.45E-06	1.63E-04	3.97E-05	1.68E-04	4.06E-06	4.71E-04	1.6E-07	4.9E-07	2.8E-07	2.6E-07	1.2E-07	6.4E-09	1.5E-07	9.4E-08	8.5E-08	1.9E-08	3.6E-07
2039 UCART2	479909.83	3733102.05	479909.83	6.60221	4.93674	2.42015	0.00193	0.00804	0.00014	6.81E-05	4.36E-06	1.48E-04	3.22E-05	1.34E-04	4.37E-06	3.91E-04	1.4E-07	4.1E-07	2.4E-07	2.1E-07	9.8E-08	5.3E-09	1.3E-07	7.8E-08	7.1E-08	1.5E-08	3.0E-07
2040 UCART2	479959.83	3733102.05	479959.83	5.28494	4.10609	2.28567	0.00159	0.00626	0.00014	5.45E-05	3.62E-06	1.40E-04	2.65E-05	1.04E-04	4.37E-06	3.33E-04	1.2E-07	3.5E-07	2.0E-07	1.8E-07	8.3E-08	4.5E-09	1.1E-07	6.7E-08	6.0E-08	1.3E-08	2.5E-07
2041 UCART2	480009.83	3733102.05	480009.83	4.3594	3.48454	2.20831	0.00132	0.00487	0.00015	4.50E-05	3.08E-06	1.35E-04	2.20E-05	8.12E-05	4.69E-06	2.91E-04	1.0E-07	3.0E-07	1.8E-07	1.6E-07	7.3E-08	4.0E-09	9.6E-08	5.8E-08	5.3E-08	1.1E-08	2.2E-07
2042 UCART2	480059.83	3733102.05	480059.83	3.67807	3.00672	2.15557	0.00111	0.00379	0.00016	3.79E-05	2.65E-06	1.32E-04	1.85E-05	6.32E-05	5.00E-06	2.59E-04	9.0E-08	2.7E-07	1.6E-07	1.4E-07	6.5E-08	3.5E-09	8.5E-08	5.2E-08	4.7E-08	1.0E-08	2.0E-07
2043 UCART2	480109.83	3733102.05	480109.83	3.16026	2.63128	2.11404	0.00094	0.00291	0.00017	3.26E-05	2.32E-06	1.29E-04	1.57E-05	4.85E-05	5.31E-06	2.34E-04	8.1E-08	2.4E-07	1.4E-07	1.3E-07	5.9E-08	3.2E-09	7.7E-08	4.7E-08	4.2E-08	9.2E-09	1.8E-07
2044 UCART2	480159.83	3733102.05	480159.83	2.75754	2.33201	2.09529	0.0008	0.00226	0.00017	2.84E-05	2.06E-06	1.28E-04	1.33E-05	3.77E-05	5.31E-06	2.15E-04	7.4E-08	2.2E-07	1.3E-07	1.2E-07	5.4E-08	2.9E-09	7.1E-08

2120	UCART2	479959.83	3733202.05	479959.83	5.21075	4.04529	2.75919	0.00153	0.00492	0.00014	5.38E-05	3.57E-06	1.69E-04	2.55E-05	8.20E-05	4.37E-06	3.38E-04	1.2E-07	3.5E-07	2.0E-07	1.9E-07	8.5E-08	4.6E-09	1.1E-07	6.8E-08	6.1E-08	1.3E-08	2.6E-07
2121	UCART2	480009.83	3733202.05	480009.83	4.33178	3.44939	2.6292	0.00128	0.00364	0.00015	4.47E-05	3.04E-06	1.61E-04	2.13E-05	6.07E-05	4.69E-06	2.95E-04	1.0E-07	3.1E-07	1.8E-07	1.6E-07	7.4E-08	4.0E-09	9.7E-08	5.9E-08	5.3E-08	1.2E-08	2.3E-07
2122	UCART2	480059.83	3733202.05	480059.83	3.67182	2.98651	2.5614	0.00108	0.0027	0.00016	3.79E-05	2.64E-06	1.57E-04	1.80E-05	4.50E-05	5.00E-06	2.65E-04	9.2E-08	2.8E-07	1.6E-07	1.5E-07	6.6E-08	3.6E-09	8.7E-08	5.3E-08	4.8E-08	1.0E-08	2.0E-07
2123	UCART2	480109.83	3733202.05	480109.83	3.1648	2.62125	2.5182	0.00093	0.00204	0.00017	3.26E-05	2.31E-06	1.54E-04	1.55E-05	3.40E-05	5.31E-06	2.44E-04	8.4E-08	2.6E-07	1.5E-07	1.3E-07	6.1E-08	3.3E-09	8.0E-08	4.9E-08	4.4E-08	9.6E-09	1.9E-07
2124	UCART2	480159.83	3733202.05	480159.83	2.76819	2.33028	2.50143	0.0008	0.00157	0.00018	2.86E-05	2.06E-06	1.53E-04	1.33E-05	2.62E-05	5.62E-06	2.29E-04	7.9E-08	2.4E-07	1.4E-07	1.3E-07	5.7E-08	3.1E-09	7.5E-08	4.6E-08	4.1E-08	9.0E-09	1.7E-07
2125	UCART2	480209.83	3733202.05	480209.83	2.45446	2.09511	2.49639	0.0007	0.00123	0.00019	2.53E-05	1.85E-06	1.53E-04	1.17E-05	2.05E-05	5.94E-06	2.18E-04	7.6E-08	2.3E-07	1.3E-07	1.2E-07	5.5E-08	3.0E-09	7.2E-08	4.4E-08	3.9E-08	8.6E-09	1.7E-07
2126	UCART2	480259.83	3733202.05	480259.83	2.19729	1.89886	2.49748	0.00061	0.00097	0.0002	2.27E-05	1.68E-06	1.53E-04	1.02E-05	1.62E-05	6.25E-06	2.10E-04	7.3E-08	2.2E-07	1.3E-07	1.2E-07	5.3E-08	2.9E-09	6.9E-08	4.2E-08	3.8E-08	8.3E-09	1.6E-07
2127	UCART2	480309.83	3733202.05	480309.83	1.98658	1.73608	2.50028	0.00054	0.00079	0.00021	2.05E-05	1.53E-06	1.53E-04	9.00E-06	1.32E-05	6.56E-06	2.04E-04	7.1E-08	2.1E-07	1.2E-07	1.1E-07	5.1E-08	2.8E-09	6.7E-08	4.1E-08	3.7E-08	8.0E-09	1.6E-07
2128	UCART2	480359.83	3733202.05	480359.83	1.8113	1.59925	2.51988	0.00048	0.00066	0.00022	1.87E-05	1.41E-06	1.54E-04	8.00E-06	1.10E-05	6.87E-06	2.00E-04	6.9E-08	2.1E-07	1.2E-07	1.1E-07	5.0E-08	2.7E-09	6.6E-08	4.0E-08	3.6E-08	7.9E-09	1.5E-07
2129	UCART2	480409.83	3733202.05	480409.83	1.66508	1.4843	2.52872	0.00043	0.00056	0.00024	1.72E-05	1.31E-06	1.55E-04	7.17E-06	9.33E-06	7.50E-06	1.97E-04	6.8E-08	2.1E-07	1.2E-07	1.1E-07	4.9E-08	2.7E-09	6.5E-08	3.9E-08	3.6E-08	7.8E-09	1.5E-07
2130	UCART2	480459.83	3733202.05	480459.83	1.54285	1.38784	2.55295	0.00039	0.00049	0.00026	1.59E-05	1.23E-06	1.55E-04	6.50E-06	8.17E-06	8.12E-06	1.95E-04	6.8E-08	2.0E-07	1.2E-07	1.1E-07	4.9E-08	2.7E-09	6.4E-08	3.9E-08	3.5E-08	7.7E-09	1.5E-07
2131	UCART2	480509.83	3733202.05	480509.83	1.43985	1.30639	2.53756	0.00035	0.00043	0.00028	1.49E-05	1.15E-06	1.55E-04	5.83E-06	7.17E-06	8.75E-06	1.93E-04	6.7E-08	2.0E-07	1.2E-07	1.1E-07	4.8E-08	2.6E-09	6.3E-08	3.9E-08	3.5E-08	7.6E-09	1.5E-07
2132	UCART2	480559.83	3733202.05	480559.83	1.35256	1.23735	2.54303	0.00032	0.00038	0.0003	1.40E-05	1.09E-06	1.56E-04	5.33E-06	6.33E-06	9.37E-06	1.92E-04	6.6E-08	2.0E-07	1.2E-07	1.1E-07	4.8E-08	2.6E-09	6.3E-08	3.8E-08	3.5E-08	7.6E-09	1.5E-07
2133	UCART2	480609.83	3733202.05	480609.83	1.27895	1.17936	2.5487	0.00029	0.00034	0.00033	1.32E-05	1.04E-06	1.56E-04	4.83E-06	5.67E-06	1.03E-05	1.91E-04	6.6E-08	2.0E-07	1.2E-07	1.0E-07	4.8E-08	2.6E-09	6.3E-08	3.8E-08	3.5E-08	7.5E-09	1.5E-07
2134	UCART2	480659.83	3733202.05	480659.83	1.21788	1.13177	2.55331	0.00027	0.00031	0.00036	1.26E-05	9.99E-07	1.56E-04	4.50E-06	5.17E-06	1.12E-05	1.91E-04	6.6E-08	2.0E-07	1.2E-07	1.0E-07	4.8E-08	2.6E-09	6.3E-08	3.8E-08	3.5E-08	7.5E-09	1.5E-07
2135	UCART2	480709.83	3733202.05	480709.83	1.16744	1.09309	2.55757	0.00025	0.00029	0.0004	1.20E-05	9.65E-07	1.57E-04	4.17E-06	4.83E-06	1.25E-05	1.91E-04	6.6E-08	2.0E-07	1.2E-07	1.0E-07	4.8E-08	2.6E-09	6.3E-08	3.8E-08	3.5E-08	7.5E-09	1.5E-07
2136	UCART2	480759.83	3733202.05	480759.83	1.12658	1.0626	2.56147	0.00023	0.00026	0.00044	1.16E-05	9.38E-07	1.57E-04	3.83E-06	4.33E-06	1.37E-05	1.91E-04	6.6E-08	2.0E-07	1.2E-07	1.0E-07	4.8E-08	2.6E-09	6.3E-08	3.8E-08	3.5E-08	7.6E-09	1.5E-07
2137	UCART2	480809.83	3733202.05	480809.83	1.0949	1.0401	2.56441	0.00022	0.00024	0.00049	1.13E-05	9.18E-07	1.57E-04	3.67E-06	4.00E-06	1.53E-05	1.92E-04	6.7E-08	2.0E-07	1.2E-07	1.1E-07	4.8E-08	2.6E-09	6.3E-08	3.8E-08	3.5E-08	7.6E-09	1.5E-07
2138	UCART2	480859.83	3733202.05	480859.83	1.07169	1.02509	2.56682	0.0002	0.00022	0.00055	1.11E-05	9.05E-07	1.57E-04	3.33E-06	3.67E-06	1.72E-05	1.93E-04	6.7E-08	2.0E-07	1.2E-07	1.1E-07	4.8E-08	2.6E-09	6.4E-08	3.9E-08	3.5E-08	7.6E-09	1.5E-07
2139	UCART2	480909.83	3733202.05	480909.83	1.05678	1.01753	2.5686	0.00019	0.00021	0.0006	1.09E-05	8.98E-07	1.57E-04	3.17E-06	3.50E-06	1.94E-05	1.95E-04	6.8E-08	2.0E-07	1.2E-07	1.1E-07	4.9E-08	2.7E-09	6.4E-08	3.9E-08	3.5E-08	7.7E-09	1.5E-07
2140	UCART2	480959.83	3733202.05	480959.83	1.05014	1.0175	2.56992	0.00018	0.0002	0.00071	1.08E-05	8.98E-07	1.57E-04	3.00E-06	3.33E-06	2.22E-05	1.98E-04	6.8E-08	2.1E-07	1.2E-07	1.1E-07	4.9E-08	2.7E-09	6.5E-08	3.9E-08	3.6E-08	7.8E-09	1.5E-07
2141	UCART2	481009.83	3733202.05	481009.83	1.05214	1.02542	2.57061	0.00017	0.00018	0.00082	1.09E-05	9.05E-07	1.57E-04	2.83E-06	3.00E-06	2.56E-05	2.01E-04	6.9E-08	2.1E-07	1.2E-07	1.1E-07	5.0E-08	2.7E-09	6.6E-08	4.0E-08	3.6E-08	7.9E-09	1.5E-07
2142	UCART2	481059.83	3733202.05	481059.83	1.06322	1.04177	2.57085	0.00016	0.00017	0.00095	1.10E-05	9.20E-07	1.57E-04	2.67E-06	2.83E-06	2.97E-05	2.05E-04	7.1E-08	2.1E-07	1.2E-07	1.1E-07	5.1E-08	2.8E-09	6.7E-08	4.1E-08	3.7E-08	8.1E-09	1.6E-07
2143	UCART2	481109.83	3733202.05	481109.83	1.08428	1.06741	2.57053	0.00015	0.00016	0.0011	1.12E-05	9.42E-07	1.57E-04	2.50E-06	2.67E-06	3.44E-05	2.09E-04	7.2E-08	2.2E-07	1.3E-07	1.1E-07	5.2E-08	2.8E-09	6.9E-08	4.2E-08	3.8E-08	8.3E-09	1.6E-07
2144	UCART2	481159.83	3733202.05	481159.83	1.11639	1.1034	2.56975	0.00014	0.00016	0.00129	1.15E-05	9.74E-07	1.57E-04	2.33E-06	2.67E-06	4.03E-05	2.15E-04	7.4E-08	2.2E-07	1.3E-07	1.2E-07	5.4E-08	2.9E-09	7.1E-08	4.3E-08	3.9E-08	8.5E-09	1.6E-07
2145	UCART2	481209.83	3733202.05	481209.83	1.16093	1.15101	2.56864	0.00014	0.00015	0.00152	1.20E-05	1.02E-06	1.57E-04	2.33E-06	2.50E-06	4.75E-05	2.23E-04	7.7E-08	2.3E-07	1.3E-07	1.2E-07	5.6E-08	3.0E-09	7.3E-08	4.4E-08	4.0E-08	8.8E-09	1.7E-07
2146	UCART2	481259.83	3733202.05	481259.83	1.21975	1.21198	2.56708	0.00013	0.00014	0.00177	1.26E-05	1.07E-06	1.57E-04	2.17E-06	2.33E-06	5.53E-05	2.31E-04	8.0E-08	2.4E-07	1.4E-07	1.3E-07	5.8E-08	3.1E-09	7.6E-08	4.6E-08	4.2E-08	9.1E-09	1.8E-07
2147	UCART2	481309.83	3733202.05	481309.83	1.29486	1.2882	2.56508	0.00013	0.00013	0.00205	1.34E-05	1.14E-06	1.57E-04	2.17E-06	2.17E-06	6.41E-05	2.40E-04	8.3E-08	2.5E-07	1.5E-07	1.3E-07	6.0E-08	3.3E-09	7.9E-08	4.8E-08	4.3E-08	9.5E-09	1.8E-07
2148	UCART2	481359.83	3733202.05	481359.83	1.38854	1.38185	2.56243	0.00012	0.00013	0.00235	1.43E-05	1.22E-06	1.57E-04	2.00E-06	2.17E-06	7.34E-05	2.50E-04	8.7E-08	2.6E-07	1.5E-07	1.4E-07	6.3E-08	3.4E-09	8.2E-08	5.0E-08	4.5E-08	9.9E-09	1.9E-07
2149	UCART2	481409.83	3733202.05	481409.83	1.50285	1.49509	2.55891	0.00011	0.00012	0.00265	1.55E-05	1.32E-06	1.57E-04	1.83E-06	2.00E-06	8.28E-05	2.60E-04	9.0E-08	2.7E-07	1.6E-07	1.4E-07	6.5E-08	3.5E-09	8.5E-08	5.2E-08	4.7E-08	1.0E-08	2.0E-07
2150	UCART2	481459.83	3733202.05	481459.83	1.63902	1.6295	2.55414	0.00011	0.00012	0.00295	1.69E-05	1.44E-06	1.56E-04	1.83E-06	2.00E-06	9.22E-05	2.71E-04	9.4E-08	2.8E-07	1.6E-07	1.5E-07	6.8E-08	3.7E-09	8.9E-08	5.4E-08	4.9E-08	1.1E-08	2.1E-07
2151	UCART2	481509.83	3733202.05	481509.83	1.79665	1.78561	2.54759	0.00011	0.00011	0.00335	1.85E-05	1.58E-06	1.56E-04	1.83E-06	1.83E-06	1.05E-04	2.84E-04	9.8E-08	3.0E-07	1.7E-07	1.6E-07	7.1E-08	3.9E-09	9.3E-08	5.7E-08	5.1E-08	1.1E-08	2.2E-07
2152	UCART2	481559.83	3733202.05	481559.83	1.97266	1.96206	2.53831	0.0001	0.00011	0.00402	2.03E-05	1.73E-06	1.55E-04	1.67E-06	1.83E-06	1.26E-04	3.07E-04	1.1E-07	3.2E-07	1.9E-07	1.7E-07	7.7E-08	4.2E-09	1.0E-07	6.1E-08	5.6E-08	1.2E-08	2.3E-07
2153	UCART2	481609.83	3733202.05	481609.83	2.15995	2.15414	2.52519	0.0001	0.0001	0.00527	2.23E-05	1.90E-06	1.55E-04	1.67E-06	1.67E-06	1.65E-04	3.47E-04	1.2E-07	3.6E-07	2.1E-07	1.9E-07	8.7E-08	4.7E-09	1.1E-07	6.9E-08	6.3E-08	1.4E-08	2.6E-07
2154	UCART2	481659.83	3733202.05	481659.83	2.3468	2.35291	2.50686	0.0001	0.0001	0.00731	2.42E-05	2.08E-06	1.54E-04	1.67E-06	1.67E-06	2.28E-04	4.12E-04	1.4E-07	4.3E-07	2.5E-07	2.3E-07	1.0E-07	5.6E-09	1.4E-07	8.2E-08	7.4E-08	1.6E-08	3.1E-07
2155	UCART2	479709.83	3733252.05	479709.83	15.07169	10.88321	13.60411	0.00382	0.02161	0.00012	1.55E-04	9.61E-06	8.33E-04	6.37E-05	3.60E-04	3.75E-06	1.43E-03	4.9E-07	1.5E-06	8.6E-07	7.8E-07	3.6E-07	1.9E-08	4.7E-07	2.8E-07	2.6E-07	5.6E-08	1.1E-06
2156	UCART2	479759.83	3733252.05	479759.83	12.19433	8.72418	6.08612	0.00314	0.01483	0.00012	1.26E-04	7.70E-06	3.73E-04	5.23E-05	2.47E-04	3.75E-06	8.09E-04	2.8E-07	8.5E-07	4.9E-07	4.4E-07	2.0E-07	1.1E-08	2.7E-07	1.6E-07	1.5E-07	3.2E-08	6.2E-07
2157	UCART2	479809.83	3733252.05	479809.83	9.65698	6.99089	4.31864	0.00258	0.0104	0.00013	9.96E-05	6.17E-06	2.64E-04	4.30E-05	1.73E-04	4.06E-06	5.91E-04	2.0E-07	6.2E-07	3.6E-07	3.2E-07	1.5E-07	8.0E-09	1.9E-07	1.2E-07	1.1E-07	2.3E-08	4.5E-07
2158	UCART2	479859.83	3733252.05	479859.83	7.66306	5.68189	3.58717	0.00214	0.00738	0.00013	7.90E-05	5.02E-06	2.20E-04	3.57E-05	1.23E-04	4.06E-06	4.66E-04	1.6E-07	4.9E-07	2.8E-07	2.6E-07	1.2E-07	6.3E-09	1.5E-07	9.3E-08	8.4E-08	1.8E-08	3.6E-07
2159	UCART2	479909.83	3733252.05	479909.83	6.17231	4.70181	3.2281	0.00177	0.00529	0.00014	6.37E-05	4.15E-06	1.98E-04	2.95E-05	8.82E-05	4.37E-06	3.88E-04	1.3E-07	4.1E-07	2.3E-07	2.1E-07	9.7E-08	5.3E-09	1.3E-07	7.7E-08	7.0E-08	1.5E-08	3.0E-07
2160	UCART2	479959.83	3733252.05	479959.83	5.06975	3.96112	3.02187	0.00148	0.00386	0.00014	5.23E-05	3.50E-06	1.85E-04	2.47E-05	6.43E-05	4.37E-06	3.34E-04	1.2E-07	3.5E-07	2.0E-07	1.8E-07	8.4E-08	4.5E-09	1.1E-07	6.7E-08	6.0E-08	1.3E-08	2.5E-07
2161	UCART2	480009.83	3733252.05	480009.83	4.24479	3.39085	2.89087	0.00124	0.00282	0.00015	4.38E-05	2.99E-06	1.77E-04	2.07E-05	4.70E-05	4.69E-06	2.96E-04	1.0E-07	3.1E-07	1.8E-07	1.6E-07	7.4E-08	4.0E-09	9.7E-08	5.9E-08	5.4E-08	1.2E-08	2.3E-07
2162	UCART2	480059.83	3733252.05	480059.83	3.61556	2.94475	2.81993	0.00106	0.00214	0.00016	3.73E-05	2.60E-06	1.73E-04	1.77E-05	3.57E-05	5.00E-06	2.71E-04	9.4E-08	2.8E-07	1.6E-07	1.5E-07	6.8E-08	3.7E-09	8.9E-08	5.4E-08	4.9E-08	1.1E-08	2.1E-07
2163	UCART2	480109.83	3733252.05	480109.83	3.12825	2.59193	2.78955	0.00091	0.00165	0.00017	3.23E-05	2.29E-06	1.71E-04	1.52E-05	2.75E-05	5.31E-06	2.53E-04	8.8E-08	2.6E-07	1.5E-07	1.4E-07	6.3E-08	3.4E-09	8.3E-08	5.1E-08	4.6E-08	1.0E-08	1.9E-07
2164	UCART2	480159.83	3733252.05	480159.83	2.74742	2.31169	2.77486	0.00079	0.00127	0.00018	2.83E-05	2.04E-06	1.70E-04	1.32E-05	2.12E-05	5.62E-06	2.40E-04	8.3E-08	2.5E-07	1.5E-07	1.3E-07	6.0E-08	3.3E-09	7.9E-08	4.8E-08	4.3E-08	9.5E-09	1.8E-07
2165	UCART2	480209.83	3733252.05	480209.83	2.41706	2.07819	2.78386	0.00069	0.00101	0.00019	2.51E-05	1.83E-06	1.71E-04	1.15E-05	1.68E-05	5.94E-06	2.32E-04	8.0E-08	2.4E-07	1.4E-07	1.3E-07	5.9E-08	3.2E-09	7.6E-08	4.6E-08	4.2E-08	9.1E-09	1.7E-07
2166	UCART2	480259.83	3733252.05	480259.83	2.18467	1.8857	2.79735	0.0006	0.00083	0.0002	2.25E-05	1.66E-06	1.71E-04	1.00E-05	1.38E-05	6.25E-06	2.26E-04	7.8E-08	2.4E-07	1.4E-07	1.2E-07	5.6E-08	3.1E-09	7.4E-08	4.5E-08	4.1E-08	8.9E-09	1.7E-07
2167	UCART2	480309.83	3733252.05	480309.83	1.97747	1.72595	2.79932	0.00053	0.0007	0.00021	2.04E-05	1.52E-06	1.71E-04	8.83E-06	1.17E-05	6.56E-06	2.20E-04	7.6E-08	2.3E-07	1.3E-07	1.2E-07	5.5E-08	3.0E-09	7.2E-08	4.4E-08	4.0E-08	8.7E-09	1.7E-07
2168	UCART2	480359.83	3733252.05	480359.83	1.80521	1.59194	2.80269	0.00048	0.00059	0.00023	1.86E-05	1.41E-06	1.72E-04	8.00E-06	9.83E-06	7.19E-06	2.17E-04	7.5E-08	2.3E-07	1.3E-07	1.2E-07	5.4E-08	2.9E-09	7.1E-08	4.3E-08	3.9E-08	8.6E-09	1.7E-07
2169	UCART2	480409.83	3733252.05	480409.83	1.66095	1.47895	2.8077	0.00043	0.00052	0.00024	1.71E-05	1.31E-06	1.72E-04	7.17E-06	8.67E-06	7.50E-06	2.14E-04	7.4E-08	2.2E-07	1.3E-07	1.2E-07	5.3E-08	2.9E-09	7.0E-08	4.3E-08	3.9E-08	8.4E-09	1.6E-07
2170	UCART2	480459.83	3733252.05	480459.83	1.54005	1.38393	2.81304	0.00039	0.00045	0.00026	1.59E-05	1.22E-06	1.72E-04	6.50E-06	7.50E-06	8.12E-06	2.12E-04	7.3E-08	2.2E-07	1.3E-07	1.2E-07	5.3E-08	2.9E-09	6.9E-08	4.2E-08	3.8E-08	8.4E-09	1.6E-07
2171	UCART2	480509.83	3733252.05	480509.83	1.43813	1.30369	2.81881	0.00035	0.0004	0.00028	1.48E-05	1.15E-06	1.73E-04	5.83E-06	6.67E-06	8.75E-06	2.10E-04	7.3E-08	2.2E-07	1.3E-07	1.2E-07	5.3E-08	2.9E-09	6.9E-08	4.2E-08	3.8E-08	8.3E-09	1.6E-07
2172	UCART2	480559.83	3733252.05	480559.83	1.35226	1.23619	2.82465	0.00032	0.00036	0.0003	1.39E-05	1.09E-06	1.73E-04	5.33E-06	6.00E-06	9.37E-06	2.09E-04	7.2E-08	2.2E-07	1.3E-07	1.1E-07	5.2E-08	2.8E-09	6.9E-08	4.2E-08	3.8E-08	8.2E-09	1.6E-07
2173	UCART2	480609.83	3733252.05	480609.83	1.27982	1.17952	2.83093	0.00029	0.00033	0.00033	1.32E-05	1.04E-06	1.73E-04	4.83E-06	5.50E-06	1.03E-05	2.08E-04	7.2E-08	2.2E-07	1.3E-07	1.1E-07	5.2E-08	2.8E-09	6.8E-08	4.2E-08	3.8E-08	8.2E-09	1.6E-07
2174	UCART2	480659.83	3733252.05	480659.83	1.21963	1.13297	2.8365	0.00027	0.0003	0.00036	1.26E-05	1.00E-06	1.74E-04	4.50E-06	5.00E-06	1.12E-05	2.08E-04	7.2E-08	2.2E-07	1.3E-07	1.1E-07	5.2E-08	2.8E-09	6.8E-08	4.2E-08	3.8E-08	8.2E-09	1.6E-07
2175	UCART2	480709.83	3733252.05	480709.83	1.17029	1.09553	2.84139	0.00025	0.00028	0.0004	1.21E-05	9.67E-07	1.74E-04	4.17E-06	4.67E-06	1.25E-05	2.08E-04	7.2E-08	2.2E-07	1.3E-07	1.1E-07	5.2E-08	2.8E-09	6.8E-08	4.2E-08	3.8E-08	8.2E-09	1.6E-07
2176	UCART2	480759.83	3733252.05	480759.83	1.13069	1.0664	2.84571	0.00023	0.00026	0.00044	1.17E-05	9.41E-07	1.74E-04	3.83E-06	4.33E-06	1.37E-05	2.09E-04	7.2E-08	2.2E-07	1.3E-07	1.1E-07	5.2E-08	2.8E-09	6.9E-08	4.2E-08	3.8E-08	8.2E-09	1.6E-07
2177	UCART2	480809.83	3733252.05	480809.83	1.10047	1.04547	2.84906	0.00022	0.00024	0.00049	1.14E-05	9.23E-07	1.74E-04	3.67E-06	4.00E-06	1.53E-05	2.10E-04	7.3E-08	2.2E-07	1.3E-07	1.2E-07	5.2E-08	2.9E-09	6.9E-08	4.2E-08	3.8E-08	8.3E-09	1.6E-07
2178	UCART2	480859.83	3733252.05	480859.83	1.07888	1.03216	2.85199	0.0002	0.00022	0.00055	1.11E-05	9.11E-07	1.75E-04	3.33E-06	3.67E-06	1.72E-05	2.11E-04	7.3E-08	2.2E-07	1.3E-07	1.2E-07	5.3E-08	2.9E-09	6.9E-08	4.2E-08	3.8E-08	8.3E-09	1.6E-07
2179	UCART2	480909.83	3733252.05	480909.83	1.06593	1.02664	2.85433	0.00019	0.00021	0.00062	1.10E-05	9.06E-07	1.75E-04	3.17E-06	3.50E-06	1.94E-05	2.13E-04	7.4E-08	2.2E-07	1.3E-07	1.2E-07	5.3E-08	2.9E-09	7.0E-08	4.2E-08	3.9E-08	8.4E-09	1.6E-07
2180	UCART2	480959.83	3733252.05	480959.83	1.0617	1.02904	2.8563	0.00018	0.00019	0.00071	1.10E-05	9.08E-07	1.75E-04	3.00E-06	3.17E-06	2.22E-05	2.15E-04	7.4E-08	2.2E-07	1.3E-07	1.2E-07	5.4E-08	2.9E-09	7.1E-08	4.3E-08	3.9E-08	8.5E-09	1.6E-07
2181	UCART2	481009.83	3733252.05	481009.83	1.06677	1.04002	2.85766	0.00017	0.00018	0.00081	1.10E-05	9.18E-07	1.75E-04	2.83E-06	3.00E-06	2.53E-05	2.18E-04	7.5E-08	2.3E-07	1.3E-07	1.2E-07	5.5E-08	3.0E-09	7.2E-08	4.4E-08	3.9E-08	8.6E-09	1.7E-07
2182	UCART2	481059.83	3733252.05	481059.83	1.08183	1.06025	2.85867	0.00016	0.00017	0.00094	1.12E-05	9.36E-07	1.75E-04	2.67E-06	2.83E-06	2.94E-05	2.22E-04	7.7E-08	2.3E-07	1.3E-07	1.2E-07	5.6E-08	3.0E-09	7.3E-08	4.4E-08	4.0E-08	8.8E-09	1.7E-07
2183	UCART2	481109.83	3733252.05	481109.83	1.1081	1.09089	2.85932	0.00015	0.00016	0.0011	1.14E-05	9.63E-07	1.75E-04	2.50E-06	2.67E-06	3.44E-05	2.27E-04	7.9E-08	2.4E-07	1.4E-07	1.2E-07	5.7E-08	3.1E-09	7.5E-08	4.5E-08	4.1E-08	9.0E-09	1.7E-07
2184	UCART2	481159.83	3733252.05	481159.83	1.14722	1.13345	2.8597	0.00014	0.00015	0.00129	1.18E-05	1.00E-06	1.75E-04	2.33E-06	2.50E-06	4.03E-05	2.33E-04	8.1E-08	2.4E-07	1.4E-07	1.3E-07	5.8E-08	3.2E-09	7.7E-08	4.7E-08	4.2E-08	9.2E-09	1.8E-07
2185	UCART2	481209.83	3733252.05	481209.83	1.20131	1.18985	2.86005	0.00014	0.00015	0.00153	1.24E-05	1.05E-06	1.75E-04	2.33E-06	2.50E-06	4.78E-05	2.41E-04	8.4E-08	2.5E-07	1.5E-07	1.3E-07	6.0E-08	3.3E-09	7.9E-08	4.8E-08	4.4E-08	9.5E-09	1.8E-07
2186	UCART2	481259.83	3733252.05	481259.83	1.27332	1.26272	2.86033	0.00013	0.00014	0.00182	1.31E-05	1.11E-06	1.75E-04	2.17E-06	2.33E-06	5.69E-05	2.51E

2262	UCART2	481059.83	3733352.05	481059.83	1.1099	1.08862	3.65684	0.00016	0.00017	0.00093	1.14E-05	9.61E-07	2.24E-04	2.67E-06	2.83E-06	2.91E-05	2.71E-04	9.4E-08	2.8E-07	1.6E-07	1.5E-07	6.8E-08	3.7E-09	8.9E-08	5.4E-08	4.9E-08	1.1E-08	2.1E-07
2263	UCART2	481109.83	3733352.05	481109.83	1.14577	1.12847	3.65994	0.00015	0.00016	0.00108	1.18E-05	9.96E-07	2.24E-04	2.50E-06	2.67E-06	3.37E-05	2.76E-04	9.6E-08	2.9E-07	1.7E-07	1.5E-07	6.9E-08	3.8E-09	9.1E-08	5.5E-08	5.0E-08	1.1E-08	2.1E-07
2264	UCART2	481159.83	3733352.05	481159.83	1.19797	1.18332	3.66329	0.00014	0.00015	0.00126	1.24E-05	1.04E-06	2.24E-04	2.33E-06	2.50E-06	3.94E-05	2.82E-04	9.8E-08	2.9E-07	1.7E-07	1.5E-07	7.1E-08	3.8E-09	9.3E-08	5.6E-08	5.1E-08	1.1E-08	2.1E-07
2265	UCART2	481209.83	3733352.05	481209.83	1.27042	1.25654	3.66737	0.00014	0.00014	0.00149	1.31E-05	1.11E-06	2.25E-04	2.33E-06	2.33E-06	4.66E-05	2.90E-04	1.0E-07	3.0E-07	1.8E-07	1.6E-07	7.3E-08	3.9E-09	9.5E-08	5.8E-08	5.3E-08	1.1E-08	2.2E-07
2266	UCART2	481259.83	3733352.05	481259.83	1.36876	1.35291	3.67268	0.00013	0.00014	0.00178	1.41E-05	1.19E-06	2.25E-04	2.17E-06	2.33E-06	5.56E-05	3.00E-04	1.0E-07	3.1E-07	1.8E-07	1.6E-07	7.5E-08	4.1E-09	9.9E-08	6.0E-08	5.4E-08	1.2E-08	2.3E-07
2267	UCART2	481309.83	3733352.05	481309.83	1.50103	1.47895	3.67993	0.00012	0.00013	0.00213	1.55E-05	1.31E-06	2.25E-04	2.00E-06	2.17E-06	6.66E-05	3.13E-04	1.1E-07	3.3E-07	1.9E-07	1.7E-07	7.8E-08	4.3E-09	1.0E-07	6.2E-08	5.7E-08	1.2E-08	2.4E-07
2268	UCART2	481359.83	3733352.05	481359.83	1.67927	1.64427	3.68998	0.00012	0.00013	0.00257	1.73E-05	1.45E-06	2.26E-04	2.00E-06	2.17E-06	8.03E-05	3.29E-04	1.1E-07	3.4E-07	2.0E-07	1.8E-07	8.2E-08	4.5E-09	1.1E-07	6.6E-08	6.0E-08	1.3E-08	2.5E-07
2269	UCART2	481409.83	3733352.05	481409.83	1.92068	1.86218	3.70389	0.00011	0.00012	0.00312	1.98E-05	1.64E-06	2.27E-04	1.83E-06	2.00E-06	9.75E-05	3.50E-04	1.2E-07	3.7E-07	2.1E-07	1.9E-07	8.8E-08	4.8E-09	1.1E-07	7.0E-08	6.3E-08	1.4E-08	2.7E-07
2270	UCART2	481459.83	3733352.05	481459.83	2.25014	2.15149	3.7227	0.00011	0.00012	0.00376	2.32E-05	1.90E-06	2.28E-04	1.83E-06	2.00E-06	1.17E-04	3.74E-04	1.3E-07	3.9E-07	2.3E-07	2.1E-07	9.4E-08	5.1E-09	1.2E-07	7.5E-08	6.8E-08	1.5E-08	2.9E-07
2271	UCART2	481509.83	3733352.05	481509.83	2.70191	2.53821	3.74694	0.00011	0.00011	0.00448	2.79E-05	2.24E-06	2.29E-04	1.83E-06	1.83E-06	1.40E-04	4.03E-04	1.4E-07	4.2E-07	2.4E-07	2.2E-07	1.0E-07	5.5E-09	1.3E-07	8.1E-08	7.3E-08	1.6E-08	3.1E-07
2272	UCART2	481559.83	3733352.05	481559.83	3.31723	3.05579	3.7755	0.0001	0.00011	0.00523	3.42E-05	2.70E-06	2.31E-04	1.67E-06	1.83E-06	1.63E-04	4.35E-04	1.5E-07	4.5E-07	2.6E-07	2.4E-07	1.1E-07	5.9E-09	1.4E-07	8.7E-08	7.9E-08	1.7E-08	3.3E-07
2273	UCART2	481609.83	3733352.05	481609.83	4.12883	3.73992	3.80383	0.0001	0.0001	0.00628	4.26E-05	3.30E-06	2.33E-04	1.67E-06	1.67E-06	1.96E-04	4.78E-04	1.7E-07	5.0E-07	2.9E-07	2.6E-07	1.2E-07	6.5E-09	1.6E-07	9.6E-08	8.7E-08	1.9E-08	3.6E-07
2274	UCART2	481659.83	3733352.05	481659.83	5.12094	4.60849	3.82271	9.00E-05	0.0001	0.0091	5.28E-05	4.07E-06	2.34E-04	1.50E-06	1.67E-06	2.84E-04	5.79E-04	2.0E-07	6.0E-07	3.5E-07	3.2E-07	1.4E-07	7.9E-09	1.9E-07	1.2E-07	1.0E-07	2.3E-08	4.4E-07
2275	UCART2	479709.83	3733402.05	479709.83	19.55753	12.41777	14.4727	0.00286	0.01539	0.00012	2.02E-04	1.10E-05	8.86E-04	4.77E-05	2.56E-04	3.75E-06	1.41E-03	4.9E-07	1.5E-06	8.5E-07	7.7E-07	3.5E-07	1.9E-08	4.6E-07	2.8E-07	2.5E-07	5.6E-08	1.1E-06
2276	UCART2	479759.83	3733402.05	479759.83	12.39853	8.45663	7.05867	0.0024	0.00529	0.00013	1.28E-04	7.46E-06	4.32E-04	4.00E-05	8.82E-05	4.06E-06	7.00E-04	2.4E-07	7.3E-07	4.2E-07	3.8E-07	1.8E-07	9.5E-09	2.3E-07	1.4E-07	1.3E-07	2.8E-08	5.3E-07
2277	UCART2	479809.83	3733402.05	479809.83	8.80184	6.39094	5.35064	0.00204	0.00389	0.00013	9.08E-05	5.64E-06	3.28E-04	3.40E-05	6.48E-05	4.06E-06	5.27E-04	1.8E-07	5.5E-07	3.2E-07	2.9E-07	1.3E-07	7.2E-09	1.7E-07	1.1E-07	9.5E-08	2.1E-08	4.0E-07
2278	UCART2	479859.83	3733402.05	479859.83	6.77698	5.11663	4.6645	0.00174	0.00303	0.00014	6.99E-05	4.52E-06	2.86E-04	2.90E-05	5.05E-05	4.37E-06	4.44E-04	1.5E-07	4.6E-07	2.7E-07	2.4E-07	1.1E-07	6.0E-09	1.5E-07	8.9E-08	8.0E-08	1.8E-08	3.4E-07
2279	UCART2	479909.83	3733402.05	479909.83	5.46386	4.23944	4.35473	0.00148	0.00243	0.00014	5.64E-05	3.74E-06	2.67E-04	2.47E-05	4.05E-05	4.37E-06	3.96E-04	1.4E-07	4.1E-07	2.4E-07	2.2E-07	9.9E-08	5.4E-09	1.3E-07	7.9E-08	7.2E-08	1.6E-08	3.0E-07
2280	UCART2	479959.83	3733402.05	479959.83	4.53714	3.59832	4.21861	0.00127	0.00195	0.00015	4.68E-05	3.18E-06	2.58E-04	2.12E-05	3.25E-05	4.69E-06	3.67E-04	1.3E-07	3.8E-07	2.2E-07	2.0E-07	9.2E-08	5.0E-09	1.2E-07	7.3E-08	6.6E-08	1.4E-08	2.8E-07
2281	UCART2	480009.83	3733402.05	480009.83	3.85488	3.11575	4.13957	0.00109	0.00158	0.00016	3.98E-05	2.75E-06	2.54E-04	1.82E-05	2.63E-05	5.00E-06	3.46E-04	1.2E-07	3.6E-07	2.1E-07	1.9E-07	8.6E-08	4.7E-09	1.1E-07	6.9E-08	6.3E-08	1.4E-08	2.6E-07
2282	UCART2	480059.83	3733402.05	480059.83	3.3263	2.73235	4.12082	0.00094	0.0013	0.00017	3.43E-05	2.41E-06	2.52E-04	1.57E-05	2.17E-05	5.31E-06	3.32E-04	1.1E-07	3.5E-07	2.0E-07	1.8E-07	8.3E-08	4.5E-09	1.1E-07	6.6E-08	6.0E-08	1.3E-08	2.5E-07
2283	UCART2	480109.83	3733402.05	480109.83	2.90982	2.42493	4.11789	0.00083	0.00108	0.00018	3.00E-05	2.14E-06	2.52E-04	1.35E-05	1.80E-05	5.62E-06	3.21E-04	1.1E-07	3.4E-07	1.9E-07	1.8E-07	8.0E-08	4.4E-09	1.1E-07	6.4E-08	5.8E-08	1.3E-08	2.5E-07
2284	UCART2	480159.83	3733402.05	480159.83	2.5763	2.17519	4.11195	0.00071	0.00091	0.00018	2.66E-05	1.92E-06	2.52E-04	1.18E-05	1.52E-05	5.62E-06	3.13E-04	1.1E-07	3.3E-07	1.9E-07	1.7E-07	7.8E-08	4.3E-09	1.0E-07	6.2E-08	5.7E-08	1.2E-08	2.4E-07
2285	UCART2	480209.83	3733402.05	480209.83	2.30487	1.96943	4.11354	0.00063	0.00077	0.0002	2.38E-05	1.74E-06	2.52E-04	1.05E-05	1.28E-05	6.25E-06	3.07E-04	1.1E-07	3.2E-07	1.9E-07	1.7E-07	7.7E-08	4.2E-09	1.0E-07	6.1E-08	5.6E-08	1.2E-08	2.3E-07
2286	UCART2	480259.83	3733402.05	480259.83	2.08139	1.79831	4.1194	0.00056	0.00067	0.00021	2.15E-05	1.59E-06	2.52E-04	9.33E-06	1.12E-05	6.56E-06	3.02E-04	1.0E-07	3.2E-07	1.8E-07	1.7E-07	7.6E-08	4.1E-09	9.9E-08	6.0E-08	5.5E-08	1.2E-08	2.3E-07
2287	UCART2	480309.83	3733402.05	480309.83	1.89564	1.65493	4.12764	0.0005	0.00058	0.00022	1.96E-05	1.46E-06	2.53E-04	8.33E-06	9.67E-06	6.87E-06	2.99E-04	1.0E-07	3.1E-07	1.8E-07	1.6E-07	7.5E-08	4.1E-09	9.8E-08	6.0E-08	5.4E-08	1.2E-08	2.3E-07
2288	UCART2	480359.83	3733402.05	480359.83	1.74064	1.53464	4.13648	0.00045	0.00052	0.00024	1.80E-05	1.35E-06	2.53E-04	7.50E-06	8.67E-06	7.50E-06	2.96E-04	1.0E-07	3.1E-07	1.8E-07	1.6E-07	7.4E-08	4.0E-09	9.7E-08	5.9E-08	5.4E-08	1.2E-08	2.3E-07
2289	UCART2	480409.83	3733402.05	480409.83	1.61025	1.43308	4.14562	0.0004	0.00046	0.00025	1.66E-05	1.27E-06	2.54E-04	6.67E-06	7.67E-06	7.81E-06	2.94E-04	1.0E-07	3.1E-07	1.8E-07	1.6E-07	7.4E-08	4.0E-09	9.7E-08	5.9E-08	5.3E-08	1.2E-08	2.2E-07
2290	UCART2	480459.83	3733402.05	480459.83	1.49981	1.34691	4.15549	0.00037	0.00042	0.00027	1.55E-05	1.19E-06	2.55E-04	6.17E-06	7.00E-06	8.44E-06	2.93E-04	1.0E-07	3.1E-07	1.8E-07	1.6E-07	7.3E-08	4.0E-09	9.6E-08	5.8E-08	5.3E-08	1.2E-08	2.2E-07
2291	UCART2	480509.83	3733402.05	480509.83	1.40649	1.27421	4.16514	0.00033	0.00038	0.00029	1.45E-05	1.12E-06	2.55E-04	5.50E-06	6.33E-06	9.06E-06	2.92E-04	1.0E-07	3.0E-07	1.8E-07	1.6E-07	7.3E-08	4.0E-09	9.6E-08	5.8E-08	5.3E-08	1.2E-08	2.2E-07
2292	UCART2	480559.83	3733402.05	480559.83	1.32767	1.21309	4.17476	0.00031	0.00034	0.00031	1.37E-05	1.07E-06	2.56E-04	5.17E-06	5.67E-06	9.69E-06	2.91E-04	1.0E-07	3.0E-07	1.8E-07	1.6E-07	7.3E-08	4.0E-09	9.6E-08	5.8E-08	5.3E-08	1.1E-08	2.2E-07
2293	UCART2	480609.83	3733402.05	480609.83	1.26166	1.16241	4.18358	0.00028	0.00031	0.00034	1.30E-05	1.03E-06	2.56E-04	4.67E-06	5.17E-06	1.06E-05	2.91E-04	1.0E-07	3.0E-07	1.8E-07	1.6E-07	7.3E-08	4.0E-09	9.6E-08	5.8E-08	5.3E-08	1.1E-08	2.2E-07
2294	UCART2	480659.83	3733402.05	480659.83	1.20688	1.12103	4.19204	0.00026	0.00029	0.00037	1.24E-05	9.90E-07	2.57E-04	4.33E-06	4.83E-06	1.16E-05	2.91E-04	1.0E-07	3.0E-07	1.8E-07	1.6E-07	7.3E-08	4.0E-09	9.6E-08	5.8E-08	5.3E-08	1.1E-08	2.2E-07
2295	UCART2	480709.83	3733402.05	480709.83	1.16226	1.08821	4.20027	0.00024	0.00027	0.00041	1.20E-05	9.61E-07	2.57E-04	4.00E-06	4.50E-06	1.28E-05	2.92E-04	1.0E-07	3.0E-07	1.8E-07	1.6E-07	7.3E-08	4.0E-09	9.6E-08	5.8E-08	5.3E-08	1.2E-08	2.2E-07
2296	UCART2	480759.83	3733402.05	480759.83	1.12727	1.06369	4.20756	0.00023	0.00025	0.00045	1.16E-05	9.39E-07	2.58E-04	3.83E-06	4.17E-06	1.41E-05	2.92E-04	1.0E-07	3.1E-07	1.8E-07	1.6E-07	7.3E-08	4.0E-09	9.6E-08	5.8E-08	5.3E-08	1.2E-08	2.2E-07
2297	UCART2	480809.83	3733402.05	480809.83	1.10156	1.04732	4.21388	0.00021	0.00023	0.0005	1.14E-05	9.24E-07	2.58E-04	3.50E-06	3.83E-06	1.56E-05	2.93E-04	1.0E-07	3.1E-07	1.8E-07	1.6E-07	7.3E-08	4.0E-09	9.6E-08	5.9E-08	5.3E-08	1.2E-08	2.2E-07
2298	UCART2	480859.83	3733402.05	480859.83	1.08512	1.03925	4.21882	0.0002	0.00022	0.00056	1.12E-05	9.17E-07	2.58E-04	3.33E-06	3.67E-06	1.75E-05	2.95E-04	1.0E-07	3.1E-07	1.8E-07	1.6E-07	7.4E-08	4.0E-09	9.7E-08	5.9E-08	5.3E-08	1.2E-08	2.2E-07
2299	UCART2	480909.83	3733402.05	480909.83	1.07744	1.0391	4.22486	0.00019	0.0002	0.00062	1.11E-05	9.17E-07	2.59E-04	3.17E-06	3.33E-06	1.94E-05	2.97E-04	1.0E-07	3.1E-07	1.8E-07	1.6E-07	7.4E-08	4.0E-09	9.7E-08	5.9E-08	5.4E-08	1.2E-08	2.3E-07
2300	UCART2	480959.83	3733402.05	480959.83	1.07972	1.04808	4.22967	0.00018	0.00019	0.0007	1.11E-05	9.25E-07	2.59E-04	3.00E-06	3.17E-06	2.19E-05	2.99E-04	1.0E-07	3.1E-07	1.8E-07	1.6E-07	7.5E-08	4.1E-09	9.8E-08	6.0E-08	5.4E-08	1.2E-08	2.3E-07
2301	UCART2	481009.83	3733402.05	481009.83	1.09285	1.06711	4.23394	0.00017	0.00018	0.0008	1.13E-05	9.42E-07	2.59E-04	2.83E-06	3.00E-06	2.50E-05	3.02E-04	1.0E-07	3.2E-07	1.8E-07	1.7E-07	7.6E-08	4.1E-09	9.9E-08	6.0E-08	5.5E-08	1.2E-08	2.3E-07
2302	UCART2	481059.83	3733402.05	481059.83	1.11819	1.09745	4.23825	0.00016	0.00017	0.00092	1.15E-05	9.69E-07	2.60E-04	2.67E-06	2.83E-06	2.87E-05	3.06E-04	1.1E-07	3.2E-07	1.9E-07	1.7E-07	7.7E-08	4.2E-09	1.0E-07	6.1E-08	5.5E-08	1.2E-08	2.3E-07
2303	UCART2	481109.83	3733402.05	481109.83	1.15794	1.14111	4.24288	0.00015	0.00016	0.00107	1.19E-05	1.01E-06	2.60E-04	2.50E-06	2.67E-06	3.34E-05	3.11E-04	1.1E-07	3.3E-07	1.9E-07	1.7E-07	7.8E-08	4.2E-09	1.0E-07	6.2E-08	5.6E-08	1.2E-08	2.4E-07
2304	UCART2	481159.83	3733402.05	481159.83	1.21544	1.20103	4.24805	0.00014	0.00015	0.00125	1.25E-05	1.06E-06	2.60E-04	2.33E-06	2.50E-06	3.91E-05	3.18E-04	1.1E-07	3.3E-07	1.9E-07	1.7E-07	8.0E-08	4.3E-09	1.0E-07	6.3E-08	5.7E-08	1.3E-08	2.4E-07
2305	UCART2	481209.83	3733402.05	481209.83	1.29539	1.28124	4.25444	0.00014	0.00014	0.00147	1.34E-05	1.13E-06	2.61E-04	2.33E-06	2.33E-06	4.59E-05	3.26E-04	1.1E-07	3.4E-07	2.0E-07	1.8E-07	8.2E-08	4.4E-09	1.1E-07	6.5E-08	5.9E-08	1.3E-08	2.5E-07
2306	UCART2	481259.83	3733402.05	481259.83	1.40502	1.38778	4.26275	0.00013	0.00014	0.00174	1.45E-05	1.23E-06	2.61E-04	2.17E-06	2.33E-06	5.44E-05	3.36E-04	1.2E-07	3.5E-07	2.0E-07	1.8E-07	8.4E-08	4.6E-09	1.1E-07	6.7E-08	6.1E-08	1.3E-08	2.6E-07
2307	UCART2	481309.83	3733402.05	481309.83	1.5544	1.53063	4.2745	0.00013	0.00013	0.00207	1.60E-05	1.35E-06	2.62E-04	2.00E-06	2.17E-06	6.47E-05	3.48E-04	1.2E-07	3.6E-07	2.1E-07	1.9E-07	8.7E-08	4.7E-09	1.1E-07	6.9E-08	6.3E-08	1.4E-08	2.7E-07
2308	UCART2	481359.83	3733402.05	481359.83	1.76036	1.71682	4.29112	0.00012	0.00013	0.00249	1.82E-05	1.52E-06	2.63E-04	2.00E-06	2.17E-06	7.78E-05	3.64E-04	1.3E-07	3.8E-07	2.2E-07	2.0E-07	9.1E-08	5.0E-09	1.2E-07	7.3E-08	6.6E-08	1.4E-08	2.8E-07
2309	UCART2	481409.83	3733402.05	481409.83	2.04878	1.97134	4.31524	0.00011	0.00012	0.00302	2.11E-05	1.74E-06	2.64E-04	1.83E-06	2.00E-06	9.44E-05	3.85E-04	1.3E-07	4.0E-07	2.3E-07	2.1E-07	9.6E-08	5.2E-09	1.3E-07	7.7E-08	7.0E-08	1.5E-08	2.9E-07
2310	UCART2	481459.83	3733402.05	481459.83	2.46232	2.3219	4.35028	0.00011	0.00012	0.00368	2.54E-05	2.05E-06	2.66E-04	1.83E-06	2.00E-06	1.15E-04	4.13E-04	1.4E-07	4.3E-07	2.5E-07	2.3E-07	1.0E-07	5.6E-09	1.4E-07	8.2E-08	7.5E-08	1.6E-08	3.1E-07
2311	UCART2	481509.83	3733402.05	481509.83	3.07244	2.81582	4.40051	0.00011	0.00011	0.00457	3.17E-05	2.49E-06	2.70E-04	1.83E-06	1.83E-06	1.43E-04	4.50E-04	1.6E-07	4.7E-07	2.7E-07	2.5E-07	1.1E-07	6.1E-09	1.5E-07	9.0E-08	8.1E-08	1.8E-08	3.4E-07
2312	UCART2	481559.83	3733402.05	481559.83	3.99672	3.52847	4.46927	0.0001	0.00011	0.00554	4.12E-05	3.11E-06	2.74E-04	1.67E-06	1.83E-06	1.73E-04	4.95E-04	1.7E-07	5.2E-07	3.0E-07	2.7E-07	1.2E-07	6.7E-09	1.6E-07	9.9E-08	9.0E-08	2.0E-08	3.8E-07
2313	UCART2	481609.83	3733402.05	481609.83	5.4049	4.57436	4.55374	0.0001	0.0001	0.00637	5.58E-05	4.04E-06	2.79E-04	1.67E-06	1.67E-06	1.99E-04	5.41E-04	1.9E-07	5.7E-07	3.3E-07	3.0E-07	1.4E-07	7.4E-09	1.8E-07	1.1E-07	9.8E-08	2.1E-08	4.1E-07
2314	UCART2	481659.83	3733402.05	481659.83	7.4405	6.10039	4.63468	9.00E-05	0.0001	0.00816	7.68E-05	5.38E-06	2.84E-04	1.50E-06	1.67E-06	2.55E-04	6.24E-04	2.2E-07	6.5E-07	3.8E-07	3.4E-07	1.6E-07	8.5E-09	2.1E-07	1.2E-07	1.1E-07	2.5E-08	4.8E-07
2315	UCART2	479709.83	3733452.05	479709.83	27.18375	12.5912	14.81274	0.00257	0.01166	0.00012	2.80E-04	1.11E-05	9.07E-04	4.28E-05	1.94E-04	3.75E-06	1.44E-03	5.0E-07	1.5E-06	8.7E-07	7.9E-07	3.6E-07	2.0E-08	4.7E-07	2.9E-07	2.6E-07	5.7E-08	1.1E-06
2316	UCART2	479759.83	3733452.05	479759.83	12.92546	8.21044	7.52	0.00218	0.00471	0.00013	1.33E-04	7.25E-06	4.61E-04	3.63E-05	7.85E-05	4.06E-06	7.20E-04	2.5E-07	7.5E-07	4.4E-07	3.9E-07	1.8E-07	9.8E-09	2.4E-07	1.4E-07	1.3E-07	2.8E-08	5.5E-07
2317	UCART2	479809.83	3733452.05	479809.83	8.6077	6.11353	5.91433	0.00185	0.00368	0.00013	8.88E-05	5.40E-06	3.62E-04	3.08E-05	6.13E-05	4.06E-06	5.53E-04	1.9E-07	5.8E-07	3.3E-07	3.0E-07	1.4E-07	7.5E-09	1.8E-07	1.1E-07	1.0E-07	2.2E-08	4.2E-07
2318	UCART2	479859.83	3733452.05	479859.83	6.49735	4.87226	5.3159	0.00159	0.00292	0.00014	6.70E-05	4.30E-06	3.26E-04	2.65E-05	4.87E-05	4.37E-06	4.76E-04	1.6E-07	5.0E-07	2.9E-07	2.6E-07	1.2E-07	6.5E-09	1.6E-07	9.5E-08	8.6E-08	1.9E-08	3.6E-07
2319	UCART2	479909.83	3733452.05	479909.83	5.21708	4.04629	5.05084	0.00137	0.00234	0.00015	5.38E-05	3.57E-06	3.09E-04	2.28E-05	3.90E-05	4.69E-06	4.33E-04	1.5E-07	4.5E-07	2.6E-07	2.4E-07	1.1E-07	5.9E-09	1.4E-07	8.7E-08	7.8E-08	1.7E-08	3.3E-07
2320	UCART2	479959.83	3733452.05	479959.83	4.33611	3.44486	4.92936	0.00118	0.00187	0.00015	4.47E-05	3.04E-06	3.02E-04	1.97E-05	3.12E-05	4.69E-06	4.05E-04	1.4E-07	4.2E-07	2.5E-07	2.2E-07	1.0E-07	5.5E-09	1.3E-07	8.1E-08	7.3E-08	1.6E-08	3.1E-07
2321	UCART2	480009.83	3733452.05	480009.83	3.69042	2.98902	4.89315	0.00102	0.00154	0.00016	3.81E-05	2.64E-06	3.00E-04	1.70E-05	2.57E-05	5.00E-06	3.88E-04	1.3E-07	4.1E-07	2.3E-07	2.1E-07	9.7E-08	5.3E-09	1.3E-07	7.7E-08	7.0E-08	1.5E-08	3.0E-07
2322	UCART2	480059.83	3733452.05	480059.83	3.19668	2.63179	4.87164	0.00089	0.00127	0.00017	3.30E-05	2.32E-06	2.98E-04	1.48E-05	2.12E-05	5.31E-06	3.75E-04	1.3E-07	3.9E-07	2.3E-07	2.1E-07	9.4E-08	5.1E-09	1.2E-07	7.5E-08	6.8E-08	1.5E-08	2.9E-07
2323	UCART2	480109.83	3733452.05	480109.83	2.80746	2.34468	4.86354	0.00077	0.00106	0.00018	2.90E-05	2.07E-06	2.98E-04	1.28E-05	1.77E-05	5.62E-06	3.65E-04	1.3E-07	3.8E-07	2.2E-07	2.0E-07	9.1E-08	5.0E-09	1.2E-07	7.3E-08	6.6E-08	1.4E-08	2.8E-07
2324	UCART2	480159.83	3733452.05	480159.83	2.4946	2.11033	4.8657	0.00068	0.0009	0.00019	2.57E-05	1.86E-06	2.98E-04	1.13E-05	1.50E-05	5.94E-06	3.58E-04	1.2E-07	3.7E-07	2.2E-07	2.0E-07	9.0E-08	4.9E-09	1.2E-07	7.1E-08	6.5E-08	1.4E-08	2.7E-07
2325	UCART2	480209.83	3733452.05	480209.83	2.23921	1.91664	4.87343	0.0006	0.00077	0.0002	2.31E-05	1.69E-06	2.98E-04	1.00E-05	1.28E-05	6.25E-06	3.52E-04	1.2E-07	3.7E-07	2.1E-07	1.9E-07	8.8E-08	4.8E-09	1.2E-07	7.0E-08	6.4E-08	1.4E-08	2.7E-07
2326	UCART2	480259.83	3733452.05	480259.83	2.02849	1.75526	4.88383	0.00053	0.00067	0.00021	2.09E-05	1.55E-06	2.99E-04	8.83E-06	1.12E-05	6.56E-06	3.48E-04	1.2E-07	3.6E-07	2.1E-07	1.9E-07	8.7E-08	4.7E-09	1.1E-07	7.0E-08	6.3E-08	1.4E-08	2.7E-07
2327	UCART2	480309.83	3733452.05	480309.83	1.85268	1.61955	4.89576	0.00048	0.00058	0.00022	1.91E-05	1.43E-06	3.00E-04	8.00E-06	9.67E-06	6.87E-06	3.45E-04	1.2E-07	3.6E-07	2.1E-07	1.9E-07	8.6E-08	4.7E-09	1.1E-07	6.9E-08	6.2E-08	1.4E-08	2.6E-07
2328	UCART2	480359.83	3733452.05	480359.83	1.70548	1.50534	4.90778	0.00043	0.00052	0.00024	1.76E-05	1.33E-06	3.01E-04	7.17E-06	8.67E-06	7.50E-06

2404	UCART2	480159.83	3733552.05	480159.83	2.30171	1.95719	7.80529	0.00061	0.00093	0.00019	2.37E-05	1.73E-06	4.78E-04	1.02E-05	1.55E-05	5.94E-06	5.35E-04	1.9E-07	5.6E-07	3.2E-07	2.9E-07	1.3E-07	7.3E-09	1.8E-07	1.1E-07	9.7E-08	2.1E-08	4.1E-07
2405	UCART2	480209.83	3733552.05	480209.83	2.08401	1.79213	7.83047	0.00055	0.0008	0.0002	2.15E-05	1.58E-06	4.80E-04	9.17E-06	1.33E-05	6.25E-06	5.31E-04	1.8E-07	5.6E-07	3.2E-07	2.9E-07	1.3E-07	7.2E-09	1.7E-07	1.1E-07	9.6E-08	2.1E-08	4.1E-07
2406	UCART2	480259.83	3733552.05	480259.83	1.90248	1.65316	7.85522	0.00049	0.00068	0.00021	1.96E-05	1.46E-06	4.81E-04	8.17E-06	1.13E-05	6.56E-06	5.28E-04	1.8E-07	5.5E-07	3.2E-07	2.9E-07	1.3E-07	7.2E-09	1.7E-07	1.1E-07	9.6E-08	2.1E-08	4.0E-07
2407	UCART2	480309.83	3733552.05	480309.83	1.74944	1.53513	7.87933	0.00044	0.00059	0.00023	1.80E-05	1.36E-06	4.83E-04	7.33E-06	9.83E-06	7.19E-06	5.26E-04	1.8E-07	5.5E-07	3.2E-07	2.9E-07	1.3E-07	7.2E-09	1.7E-07	1.1E-07	9.5E-08	2.1E-08	4.0E-07
2408	UCART2	480359.83	3733552.05	480359.83	1.62014	1.43494	7.90116	0.0004	0.00052	0.00024	1.67E-05	1.27E-06	4.84E-04	6.67E-06	8.67E-06	7.50E-06	5.25E-04	1.8E-07	5.5E-07	3.2E-07	2.9E-07	1.3E-07	7.1E-09	1.7E-07	1.0E-07	9.5E-08	2.1E-08	4.0E-07
2409	UCART2	480409.83	3733552.05	480409.83	1.51014	1.3495	7.92356	0.00037	0.00047	0.00026	1.56E-05	1.19E-06	4.85E-04	6.17E-06	7.83E-06	8.12E-06	5.24E-04	1.8E-07	5.5E-07	3.2E-07	2.9E-07	1.3E-07	7.1E-09	1.7E-07	1.0E-07	9.5E-08	2.1E-08	4.0E-07
2410	UCART2	480459.83	3733552.05	480459.83	1.41619	1.2765	7.94757	0.00033	0.00042	0.00028	1.46E-05	1.13E-06	4.87E-04	5.50E-06	7.00E-06	8.75E-06	5.24E-04	1.8E-07	5.5E-07	3.2E-07	2.9E-07	1.3E-07	7.1E-09	1.7E-07	1.0E-07	9.5E-08	2.1E-08	4.0E-07
2411	UCART2	480509.83	3733552.05	480509.83	1.33639	1.21472	7.96917	0.00031	0.00038	0.0003	1.38E-05	1.07E-06	4.88E-04	5.17E-06	6.33E-06	9.37E-06	5.24E-04	1.8E-07	5.5E-07	3.2E-07	2.9E-07	1.3E-07	7.1E-09	1.7E-07	1.0E-07	9.5E-08	2.1E-08	4.0E-07
2412	UCART2	480559.83	3733552.05	480559.83	1.26874	1.16274	7.98903	0.00028	0.00034	0.00032	1.31E-05	1.03E-06	4.89E-04	4.67E-06	5.67E-06	1.00E-05	5.24E-04	1.8E-07	5.5E-07	3.2E-07	2.9E-07	1.3E-07	7.1E-09	1.7E-07	1.0E-07	9.5E-08	2.1E-08	4.0E-07
2413	UCART2	480609.83	3733552.05	480609.83	1.21184	1.11959	8.00818	0.00026	0.00031	0.00035	1.25E-05	9.88E-07	4.90E-04	4.33E-06	5.17E-06	1.09E-05	5.24E-04	1.8E-07	5.5E-07	3.2E-07	2.9E-07	1.3E-07	7.1E-09	1.7E-07	1.0E-07	9.5E-08	2.1E-08	4.0E-07
2414	UCART2	480659.83	3733552.05	480659.83	1.16477	1.0847	8.02655	0.00025	0.00029	0.00038	1.20E-05	9.57E-07	4.92E-04	4.17E-06	4.83E-06	1.19E-05	5.25E-04	1.8E-07	5.5E-07	3.2E-07	2.9E-07	1.3E-07	7.1E-09	1.7E-07	1.0E-07	9.5E-08	2.1E-08	4.0E-07
2415	UCART2	480709.83	3733552.05	480709.83	1.12693	1.05773	8.04348	0.00023	0.00027	0.00041	1.16E-05	9.34E-07	4.93E-04	3.83E-06	4.50E-06	1.28E-05	5.26E-04	1.8E-07	5.5E-07	3.2E-07	2.9E-07	1.3E-07	7.2E-09	1.7E-07	1.1E-07	9.5E-08	2.1E-08	4.0E-07
2416	UCART2	480759.83	3733552.05	480759.83	1.09783	1.03841	8.05863	0.00022	0.00025	0.00045	1.13E-05	9.17E-07	4.94E-04	3.67E-06	4.17E-06	1.41E-05	5.28E-04	1.8E-07	5.5E-07	3.2E-07	2.9E-07	1.3E-07	7.2E-09	1.7E-07	1.1E-07	9.6E-08	2.1E-08	4.0E-07
2417	UCART2	480809.83	3733552.05	480809.83	1.07664	1.02611	8.07823	0.0002	0.00023	0.0005	1.11E-05	9.06E-07	4.95E-04	3.33E-06	3.83E-06	1.56E-05	5.30E-04	1.8E-07	5.5E-07	3.2E-07	2.9E-07	1.3E-07	7.2E-09	1.7E-07	1.1E-07	9.6E-08	2.1E-08	4.0E-07
2418	UCART2	480859.83	3733552.05	480859.83	1.06464	1.02219	8.09238	0.00019	0.00022	0.00056	1.10E-05	9.02E-07	4.96E-04	3.17E-06	3.67E-06	1.75E-05	5.32E-04	1.8E-07	5.6E-07	3.2E-07	2.9E-07	1.3E-07	7.2E-09	1.7E-07	1.1E-07	9.6E-08	2.1E-08	4.1E-07
2419	UCART2	480909.83	3733552.05	480909.83	1.06108	1.02603	8.10792	0.00018	0.0002	0.00062	1.09E-05	9.06E-07	4.97E-04	3.00E-06	3.33E-06	1.94E-05	5.34E-04	1.8E-07	5.6E-07	3.2E-07	2.9E-07	1.3E-07	7.3E-09	1.8E-07	1.1E-07	9.7E-08	2.1E-08	4.1E-07
2420	UCART2	480959.83	3733552.05	480959.83	1.06739	1.03909	8.12223	0.00017	0.00019	0.0007	1.10E-05	9.17E-07	4.97E-04	2.83E-06	3.17E-06	2.19E-05	5.37E-04	1.9E-07	5.6E-07	3.3E-07	2.9E-07	1.3E-07	7.3E-09	1.8E-07	1.1E-07	9.7E-08	2.1E-08	4.1E-07
2421	UCART2	481009.83	3733552.05	481009.83	1.08454	1.06232	8.13615	0.00016	0.00018	0.00079	1.12E-05	9.38E-07	4.98E-04	2.67E-06	3.00E-06	2.47E-05	5.41E-04	1.9E-07	5.7E-07	3.3E-07	3.0E-07	1.4E-07	7.4E-09	1.8E-07	1.1E-07	9.8E-08	2.1E-08	4.1E-07
2422	UCART2	481059.83	3733552.05	481059.83	1.1143	1.09744	8.15016	0.00015	0.00017	0.0009	1.15E-05	9.69E-07	4.99E-04	2.50E-06	2.83E-06	2.81E-05	5.45E-04	1.9E-07	5.7E-07	3.3E-07	3.0E-07	1.4E-07	7.4E-09	1.8E-07	1.1E-07	9.9E-08	2.2E-08	4.2E-07
2423	UCART2	481109.83	3733552.05	481109.83	1.15929	1.14687	8.16472	0.00015	0.00016	0.00104	1.20E-05	1.01E-06	5.00E-04	2.50E-06	2.67E-06	3.25E-05	5.51E-04	1.9E-07	5.8E-07	3.3E-07	3.0E-07	1.4E-07	7.5E-09	1.8E-07	1.1E-07	1.0E-07	2.2E-08	4.2E-07
2424	UCART2	481159.83	3733552.05	481159.83	1.2233	1.21402	8.1809	0.00014	0.00015	0.0012	1.26E-05	1.07E-06	5.01E-04	2.33E-06	2.50E-06	3.75E-05	5.57E-04	1.9E-07	5.8E-07	3.4E-07	3.1E-07	1.4E-07	7.6E-09	1.8E-07	1.1E-07	1.0E-07	2.2E-08	4.2E-07
2425	UCART2	481209.83	3733552.05	481209.83	1.31208	1.30394	8.19931	0.00013	0.00014	0.00141	1.35E-05	1.15E-06	5.02E-04	2.17E-06	2.33E-06	4.41E-05	5.65E-04	2.0E-07	5.9E-07	3.4E-07	3.1E-07	1.4E-07	7.7E-09	1.9E-07	1.1E-07	1.0E-07	2.2E-08	4.3E-07
2426	UCART2	481259.83	3733552.05	481259.83	1.43443	1.42415	8.22184	0.00013	0.00014	0.00167	1.48E-05	1.26E-06	5.04E-04	2.17E-06	2.33E-06	5.22E-05	5.76E-04	2.0E-07	6.0E-07	3.5E-07	3.2E-07	1.4E-07	7.8E-09	1.9E-07	1.2E-07	1.0E-07	2.3E-08	4.4E-07
2427	UCART2	481309.83	3733552.05	481309.83	1.60379	1.58565	8.25092	0.00012	0.00013	0.00199	1.65E-05	1.40E-06	5.05E-04	2.00E-06	2.17E-06	6.22E-05	5.90E-04	2.0E-07	6.2E-07	3.6E-07	3.2E-07	1.5E-07	8.0E-09	1.9E-07	1.2E-07	1.1E-07	2.3E-08	4.5E-07
2428	UCART2	481359.83	3733552.05	481359.83	1.84272	1.8062	8.29183	0.00012	0.00013	0.00241	1.90E-05	1.59E-06	5.08E-04	2.00E-06	2.17E-06	7.53E-05	6.08E-04	2.1E-07	6.4E-07	3.7E-07	3.3E-07	1.5E-07	8.3E-09	2.0E-07	1.2E-07	1.1E-07	2.4E-08	4.6E-07
2429	UCART2	481409.83	3733552.05	481409.83	2.19011	2.11465	8.3539	0.00011	0.00012	0.00294	2.26E-05	1.87E-06	5.12E-04	1.83E-06	2.00E-06	9.19E-05	6.32E-04	2.2E-07	6.6E-07	3.8E-07	3.5E-07	1.6E-07	8.6E-09	2.1E-07	1.3E-07	1.1E-07	2.5E-08	4.8E-07
2430	UCART2	481459.83	3733552.05	481459.83	2.71943	2.56172	8.45631	0.00011	0.00012	0.00364	2.81E-05	2.26E-06	5.18E-04	1.83E-06	2.00E-06	1.14E-04	6.66E-04	2.3E-07	7.0E-07	4.0E-07	3.7E-07	1.7E-07	9.1E-09	2.2E-07	1.3E-07	1.2E-07	2.6E-08	5.1E-07
2431	UCART2	481509.83	3733552.05	481509.83	3.58451	3.24329	8.63986	0.00011	0.00011	0.00455	3.70E-05	2.86E-06	5.29E-04	1.83E-06	1.83E-06	1.42E-04	7.15E-04	2.5E-07	7.5E-07	4.3E-07	3.9E-07	1.8E-07	9.7E-09	2.3E-07	1.4E-07	1.3E-07	2.8E-08	5.4E-07
2432	UCART2	481559.83	3733552.05	481559.83	5.15618	4.35655	9.02005	0.0001	0.0001	0.00551	5.32E-05	3.85E-06	5.52E-04	1.67E-06	1.83E-06	1.72E-04	7.85E-04	2.7E-07	8.2E-07	4.8E-07	4.3E-07	2.0E-07	1.1E-08	2.6E-07	1.6E-07	1.4E-07	3.1E-08	6.0E-07
2433	UCART2	481609.83	3733552.05	481609.83	8.59038	6.3792	10.0079	0.0001	0.0001	0.00614	8.86E-05	5.63E-06	6.13E-04	1.67E-06	1.67E-06	1.92E-04	9.02E-04	3.1E-07	9.4E-07	5.5E-07	4.9E-07	2.3E-07	1.2E-08	3.0E-07	1.8E-07	1.6E-07	3.6E-08	6.9E-07
2434	UCART2	481659.83	3733552.05	481659.83	19.55109	10.74519	14.76113	9.00E-05	0.0001	0.00527	2.02E-04	9.49E-06	9.04E-04	1.50E-06	1.67E-06	1.65E-04	1.28E-03	4.4E-07	1.3E-06	7.8E-07	7.0E-07	3.2E-07	1.7E-08	4.2E-07	2.6E-07	2.3E-07	5.1E-08	9.8E-07
2435	UCART2	479709.83	3733602.05	479709.83	9.83923	6.72692	17.06108	0.00185	0.00623	0.00013	1.01E-04	5.94E-06	1.04E-03	3.08E-05	1.04E-04	4.06E-06	1.29E-03	4.5E-07	1.3E-06	7.8E-07	7.1E-07	3.2E-07	1.8E-08	4.2E-07	2.6E-07	2.3E-07	5.1E-08	9.8E-07
2436	UCART2	479759.83	3733602.05	479759.83	7.63118	5.41494	12.02619	0.00162	0.00477	0.00013	7.87E-05	4.78E-06	7.37E-04	2.70E-05	7.95E-05	4.06E-06	9.31E-04	3.2E-07	9.7E-07	5.6E-07	5.1E-07	2.3E-07	1.3E-08	3.1E-07	1.9E-07	1.7E-07	3.7E-08	7.1E-07
2437	UCART2	479809.83	3733602.05	479809.83	6.02292	4.46063	11.36254	0.0014	0.0037	0.00014	6.21E-05	3.94E-06	6.96E-04	2.33E-05	6.17E-05	4.37E-06	8.51E-04	2.9E-07	8.9E-07	5.2E-07	4.7E-07	2.1E-07	1.2E-08	2.8E-07	1.7E-07	1.5E-07	3.4E-08	6.5E-07
2438	UCART2	479859.83	3733602.05	479859.83	4.90502	3.76388	11.23731	0.00122	0.00293	0.00014	5.06E-05	3.32E-06	6.88E-04	2.03E-05	4.88E-05	4.37E-06	8.16E-04	2.8E-07	8.5E-07	4.9E-07	4.5E-07	2.0E-07	1.1E-08	2.7E-07	1.6E-07	1.5E-07	3.2E-08	6.2E-07
2439	UCART2	479909.83	3733602.05	479909.83	4.11445	3.24441	11.22968	0.00106	0.00234	0.00015	4.24E-05	2.86E-06	6.88E-04	1.77E-05	3.90E-05	4.69E-06	7.94E-04	2.8E-07	8.3E-07	4.8E-07	4.4E-07	2.0E-07	1.1E-08	2.6E-07	1.6E-07	1.4E-07	3.1E-08	6.1E-07
2440	UCART2	479959.83	3733602.05	479959.83	3.52884	2.84258	11.25976	0.00093	0.00191	0.00016	3.64E-05	2.51E-06	6.90E-04	1.55E-05	3.18E-05	5.00E-06	7.81E-04	2.7E-07	8.2E-07	4.7E-07	4.3E-07	2.0E-07	1.1E-08	2.6E-07	1.6E-07	1.4E-07	3.1E-08	6.0E-07
2441	UCART2	480009.83	3733602.05	480009.83	3.07799	2.52311	11.30472	0.00082	0.00156	0.00017	3.18E-05	2.23E-06	6.92E-04	1.37E-05	2.60E-05	5.31E-06	7.71E-04	2.7E-07	8.1E-07	4.7E-07	4.2E-07	1.9E-07	1.0E-08	2.5E-07	1.5E-07	1.4E-07	3.0E-08	5.9E-07
2442	UCART2	480059.83	3733602.05	480059.83	2.72107	2.26417	11.35336	0.00072	0.0013	0.00017	2.81E-05	2.00E-06	6.95E-04	1.20E-05	2.17E-05	5.31E-06	7.64E-04	2.6E-07	8.0E-07	4.6E-07	4.2E-07	1.9E-07	1.0E-08	2.5E-07	1.5E-07	1.4E-07	3.0E-08	5.8E-07
2443	UCART2	480109.83	3733602.05	480109.83	2.43322	2.05156	11.40115	0.00064	0.00109	0.00018	2.51E-05	1.81E-06	6.98E-04	1.07E-05	1.82E-05	5.62E-06	7.60E-04	2.6E-07	7.9E-07	4.6E-07	4.2E-07	1.9E-07	1.0E-08	2.5E-07	1.5E-07	1.4E-07	3.0E-08	5.8E-07
2444	UCART2	480159.83	3733602.05	480159.83	2.19587	1.87358	11.44737	0.00058	0.00093	0.00019	2.27E-05	1.65E-06	7.01E-04	9.67E-06	1.55E-05	5.94E-06	7.57E-04	2.6E-07	7.9E-07	4.6E-07	4.1E-07	1.9E-07	1.0E-08	2.5E-07	1.5E-07	1.4E-07	3.0E-08	5.8E-07
2445	UCART2	480209.83	3733602.05	480209.83	1.99823	1.72359	11.49175	0.00052	0.0008	0.0002	2.06E-05	1.52E-06	7.04E-04	8.67E-06	1.33E-05	6.25E-06	7.54E-04	2.6E-07	7.9E-07	4.6E-07	4.1E-07	1.9E-07	1.0E-08	2.5E-07	1.5E-07	1.4E-07	3.0E-08	5.7E-07
2446	UCART2	480259.83	3733602.05	480259.83	1.83208	1.59632	11.53491	0.00047	0.00069	0.00022	1.89E-05	1.41E-06	7.06E-04	7.83E-06	1.15E-05	6.87E-06	7.53E-04	2.6E-07	7.9E-07	4.6E-07	4.1E-07	1.9E-07	1.0E-08	2.5E-07	1.5E-07	1.4E-07	3.0E-08	5.7E-07
2447	UCART2	480309.83	3733602.05	480309.83	1.69102	1.48748	11.57578	0.00042	0.00061	0.00023	1.74E-05	1.31E-06	7.09E-04	7.00E-06	1.02E-05	7.19E-06	7.52E-04	2.6E-07	7.9E-07	4.6E-07	4.1E-07	1.9E-07	1.0E-08	2.5E-07	1.5E-07	1.4E-07	3.0E-08	5.7E-07
2448	UCART2	480359.83	3733602.05	480359.83	1.57131	1.39476	11.614	0.00038	0.00053	0.00024	1.62E-05	1.23E-06	7.11E-04	6.33E-06	8.83E-06	7.50E-06	7.51E-04	2.6E-07	7.9E-07	4.5E-07	4.1E-07	1.9E-07	1.0E-08	2.5E-07	1.5E-07	1.4E-07	3.0E-08	5.7E-07
2449	UCART2	480409.83	3733602.05	480409.83	1.46883	1.33021	11.65365	0.00035	0.00047	0.00026	1.52E-05	1.15E-06	7.14E-04	5.83E-06	7.83E-06	8.12E-06	7.52E-04	2.6E-07	7.9E-07	4.5E-07	4.1E-07	1.9E-07	1.0E-08	2.5E-07	1.5E-07	1.4E-07	3.0E-08	5.7E-07
2450	UCART2	480459.83	3733602.05	480459.83	1.38111	1.24717	11.69532	0.00032	0.00042	0.00028	1.42E-05	1.10E-06	7.16E-04	5.33E-06	7.00E-06	8.75E-06	7.53E-04	2.6E-07	7.9E-07	4.6E-07	4.1E-07	1.9E-07	1.0E-08	2.5E-07	1.5E-07	1.4E-07	3.0E-08	5.7E-07
2451	UCART2	480509.83	3733602.05	480509.83	1.30642	1.1895	11.73189	0.0003	0.00038	0.0003	1.35E-05	1.05E-06	7.19E-04	5.00E-06	6.33E-06	9.37E-06	7.54E-04	2.6E-07	7.9E-07	4.6E-07	4.1E-07	1.9E-07	1.0E-08	2.5E-07	1.5E-07	1.4E-07	3.0E-08	5.7E-07
2452	UCART2	480559.83	3733602.05	480559.83	1.2429	1.14087	11.76586	0.00028	0.00034	0.00032	1.28E-05	1.01E-06	7.21E-04	4.67E-06	5.67E-06	1.00E-05	7.55E-04	2.6E-07	7.9E-07	4.6E-07	4.1E-07	1.9E-07	1.0E-08	2.5E-07	1.5E-07	1.4E-07	3.0E-08	5.8E-07
2453	UCART2	480609.83	3733602.05	480609.83	1.18938	1.10048	11.79962	0.00026	0.00031	0.00035	1.23E-05	9.71E-07	7.23E-04	4.33E-06	5.17E-06	1.09E-05	7.56E-04	2.6E-07	7.9E-07	4.6E-07	4.1E-07	1.9E-07	1.0E-08	2.5E-07	1.5E-07	1.4E-07	3.0E-08	5.8E-07
2454	UCART2	480659.83	3733602.05	480659.83	1.14505	1.06783	11.83395	0.00024	0.00029	0.00038	1.18E-05	9.43E-07	7.25E-04	4.00E-06	4.83E-06	1.19E-05	7.58E-04	2.6E-07	7.9E-07	4.6E-07	4.2E-07	1.9E-07	1.0E-08	2.5E-07	1.5E-07	1.4E-07	3.0E-08	5.8E-07
2455	UCART2	480709.83	3733602.05	480709.83	1.10934	1.0426	11.86845	0.00022	0.00027	0.00041	1.14E-05	9.20E-07	7.27E-04	3.67E-06	4.50E-06	1.28E-05	7.60E-04	2.6E-07	7.9E-07	4.6E-07	4.2E-07	1.9E-07	1.0E-08	2.5E-07	1.5E-07	1.4E-07	3.0E-08	5.8E-07
2456	UCART2	480759.83	3733602.05	480759.83	1.08189	1.02463	11.90143	0.00021	0.00025	0.00045	1.12E-05	9.04E-07	7.29E-04	3.50E-06	4.17E-06	1.41E-05	7.63E-04	2.6E-07	8.0E-07	4.6E-07	4.2E-07	1.9E-07	1.0E-08	2.5E-07	1.5E-07	1.4E-07	3.0E-08	5.8E-07
2457	UCART2	480809.83	3733602.05	480809.83	1.06253	1.01392	11.93267	0.0002	0.00023	0.00049	1.10E-05	8.95E-07	7.31E-04	3.33E-06	3.83E-06	1.53E-05	7.65E-04	2.6E-07	8.0E-07	4.6E-07	4.2E-07	1.9E-07	1.0E-08	2.5E-07	1.5E-07	1.4E-07	3.0E-08	5.8E-07
2458	UCART2	480859.83	3733602.05	480859.83	1.05156	1.01088	11.96272	0.00019	0.00021	0.00055	1.08E-05	8.92E-07	7.33E-04	3.17E-06	3.50E-06	1.72E-05	7.68E-04	2.7E-07	8.0E-07	4.6E-07	4.2E-07	1.9E-07	1.0E-08	2.5E-07	1.5E-07	1.4E-07	3.0E-08	5.9E-07
2459	UCART2	480909.83	3733602.05	480909.83	1.0491	1.01573	11.99236	0.00018	0.0002	0.00061	1.08E-05	8.97E-07	7.34E-04	3.00E-06	3.33E-06	1.91E-05	7.72E-04	2.7E-07	8.1E-07	4.7E-07	4.2E-07	1.9E-07	1.0E-08	2.5E-07	1.5E-07	1.4E-07	3.0E-08	5.9E-07
2460	UCART2	480959.83	3733602.05	480959.83	1.0559	1.02928	12.02218	0.00017	0.00019	0.00068	1.09E-05	9.09E-07	7.36E-04	2.83E-06	3.17E-06	2.12E-05	7.75E-04	2.7E-07	8.1E-07	4.7E-07	4.2E-07	1.9E-07	1.1E-08	2.5E-07	1.5E-07	1.4E-07	3.1E-08	5.9E-07
2461	UCART2	481009.83	3733602.05	481009.83	1.07321	1.0528	12.05105	0.00016	0.00018	0.00077	1.11E-05	9.29E-07	7.38E-04	2.67E-06	3.00E-06	2.41E-05	7.80E-04	2.7E-07	8.2E-07	4.7E-07	4.3E-07	2.0E-07	1.1E-08	2.6E-07	1.6E-07	1.4E-07	3.1E-08	5.9E-07
2462	UCART2	481059.83	3733602.05	481059.83	1.1027	1.08788	12.08063	0.00015	0.00017	0.00088	1.14E-05	9.60E-07	7.40E-04	2.50E-06	2.83E-06	2.75E-05	7.85E-04	2.7E-07	8.2E-07	4.8E-07	4.3E-07	2.0E-07	1.1E-08	2.6E-07	1.6E-07	1.4E-07	3.1E-08	6.0E-07
2463	UCART2	481109.83	3733602.05	481109.83	1.14684	1.13689	12.11105	0.00015	0.00016	0.00101	1.18E-05	1.00E-06	7.42E-04	2.50E-06	2.67E-06	3.16E-05	7.91E-04	2.7E-07	8.3E-07	4.8E-07	4.3E-07	2.0E-07	1.1E-08	2.6E-07	1.6E-07	1.4E-07	3.1E-08	6.0E-07
2464	UCART2	481159.83	3733602.05	481159.83	1.20931	1.2032	12.14294	0.00014	0.00015	0.00117	1.25E-05	1.06E-06	7.44E-04	2.33E-06	2.50E-06	3.66E-05	7.99E-04	2.8E-07	8.3E-07	4.8E-07	4.4E-07	2.0E-07	1.1E-08	2.6E-07	1.6E-07	1.4E-07	3.2E-08	6.1E-07
2465	UCART2	481209.83	3733602.05	481209.83	1.29545	1.29164	12.1774	0.00013	0.00014	0.00138	1.34E-05	1.14E-06	7.46E-04	2.17E-06	2.33E-06	4.31E-05	8.08E-04	2.8E-07	8.4E-07	4.9E-07	4.4E-07	2.0E-07	1.1E-08	2.7E-07	1.6E-07	1.5E-07	3.2E-08	6.2E-07
2466	UCART2	481259.83	3733602.05	481259.83	1.41332	1.40928	12.21604	0.00013	0.00014	0.00163	1.46E-05	1.24E-06	7.48E-04	2.17E-06	2.33E-06	5.09E-05	8.19E-04	2.8E-07	8.6E-07	5.0E-07	4.5E-07	2.1E-07	1.1E-08	2.7E-07	1.6E-07	1.5E-07	3.2E-08	6.2E-07
2467	UCART2	481309.83	3733602.05	481309.83	1.57538	1.56677	12.26098	0.00012	0.00013	0.00196	1.63E-05	1.38E-06	7.51E-04	2.00E-06	2.17E-06	6.12E-05	8.34E-04	2.9E-07	8.7E-07	5.0E-07	4.6E-07	2.1E-07	1.1E-08	2.7E-07	1.7E-07	1.5E-07	3.3E-08	6.4E-07
2468	UCART2	481359.83	3733602.05	481359.83	1.8015	1.78049	12.31828	0.00012	0.00013	0.00238	1.86E-05	1.57E-06	7.54E-04	2.00E-06	2.17E-06	7.44E-05	8.53E-04	3.0E-07	8.9E-07	5.2E-07	4.7E-07	2.1E-07	1.2E-08	2.8E-07	1.7E-07	1.5E-07	3.4E-08	6.5E-07
2469	UCART2	481409.83	3733602.05	481409.83	2.12514	2.07694	12.40022	0.00011	0.00012	0.00292	2.19E-05	1.83E-06	7.59E-04	1.83E-06	2.00E-06	9.12E-05	8.78E-04	3.0E-07	9.2E-07	5.3E-07	4.8E-07	2.2E-07	1.2E-08	2.9E-07	1.8E-07	1.6E-07	3.5E-08	6.7E-07
2470	UCART2	481459.83	3733602.05	481459.83	2.60702	2.50203	12.52609	0.00011	0.00012	0.00366	2.69E-05	2.21E-06	7.67E-04	1.83E-06	2.00E-06	1.14E-04

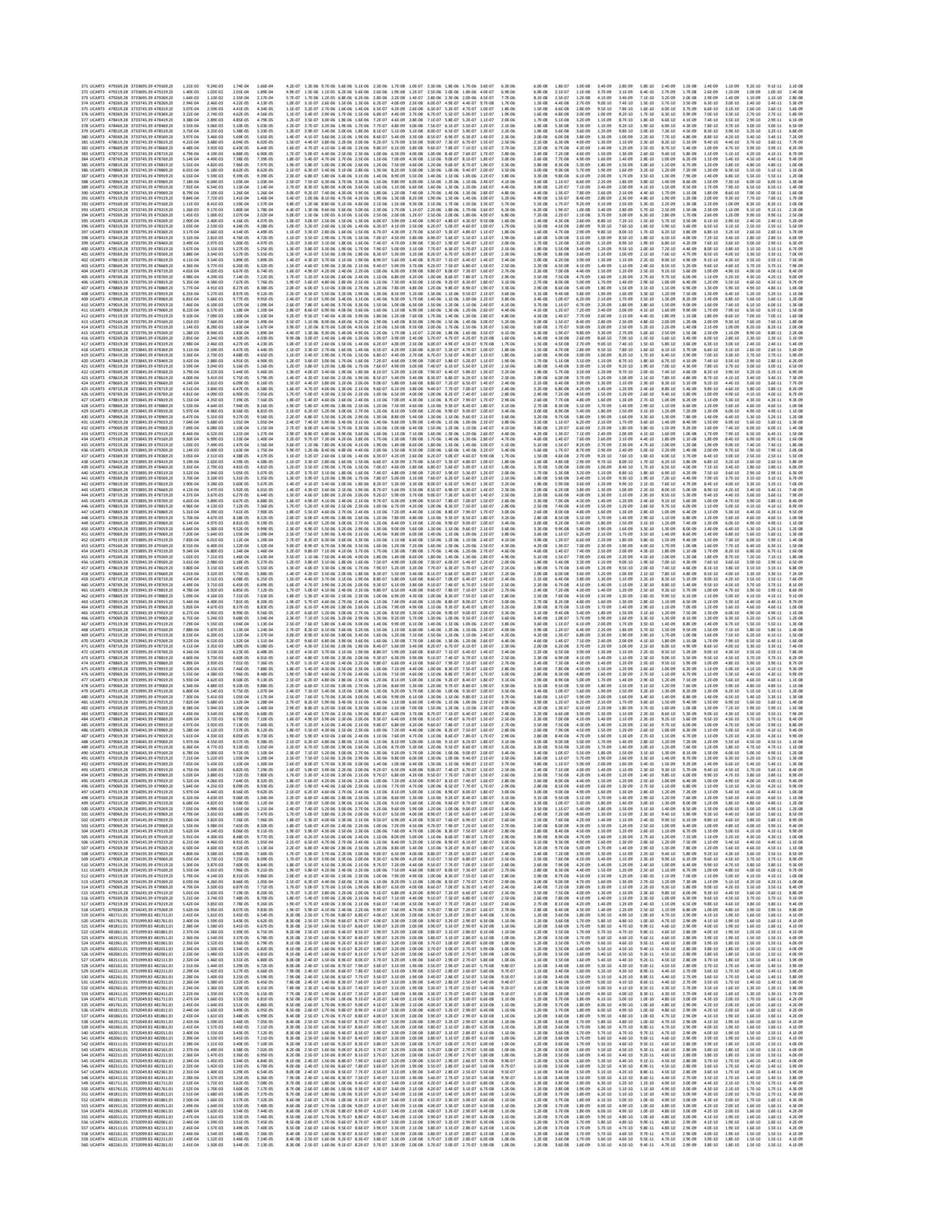
2546	UCART2	482319.55	3733579.77	482319.55	1.07252	1.29566	4.2812	6.00E-05	7.00E-05	0.00116	1.11E-05	1.14E-06	2.62E-04	1.00E-06	1.17E-06	3.62E-05	3.13E-04	1.1E-07	3.3E-07	1.9E-07	1.7E-07	7.8E-08	4.3E-09	1.0E-07	6.2E-08	5.7E-08	1.2E-08	2.4E-07
2547	UCART2	482369.55	3733579.77	482369.55	0.94685	1.12968	3.06836	6.00E-05	7.00E-05	0.00097	9.77E-06	9.97E-07	1.88E-04	1.00E-06	1.17E-06	3.03E-05	2.31E-04	8.0E-08	2.4E-07	1.4E-07	1.3E-07	5.8E-08	3.1E-09	7.6E-08	4.6E-08	4.2E-08	9.1E-09	1.8E-07
2548	UCART2	482269.55	3733629.77	482269.55	1.20369	1.47653	10.50097	7.00E-05	7.00E-05	0.00139	1.24E-05	1.30E-06	6.43E-04	1.17E-06	1.17E-06	4.34E-05	7.03E-04	2.4E-07	7.3E-07	4.3E-07	3.9E-07	1.8E-07	9.6E-09	2.3E-07	1.4E-07	1.3E-07	2.8E-08	5.4E-07
2549	UCART2	482319.55	3733629.77	482319.55	1.05198	1.27199	5.50711	6.00E-05	7.00E-05	0.00115	1.09E-05	1.12E-06	3.37E-04	1.00E-06	1.17E-06	3.59E-05	3.87E-04	1.3E-07	4.0E-07	2.3E-07	2.1E-07	9.7E-08	5.3E-09	1.3E-07	7.7E-08	7.0E-08	1.5E-08	3.0E-07
2550	UCART2	482369.55	3733629.77	482369.55	0.89291	1.06353	3.30904	6.00E-05	7.00E-05	0.00096	9.21E-06	9.39E-07	2.03E-04	1.00E-06	1.17E-06	3.00E-05	2.45E-04	8.5E-08	2.6E-07	1.5E-07	1.3E-07	6.1E-08	3.3E-09	8.0E-08	4.9E-08	4.4E-08	9.7E-09	1.9E-07
2551	CORSICA\	479489.57	3733099.47	479489.57	202.0181	85.97313	1.83704	0.03298	0.01299	0.0001	2.08E-03	7.59E-05	1.13E-04	5.50E-04	2.16E-04	3.12E-06	3.04E-03	1.1E-06	3.2E-06	1.8E-06	1.7E-06	7.6E-07	4.1E-08	1.0E-06	6.1E-07	5.5E-07	1.2E-07	2.3E-06
2552	CORSICA\	479519.57	3733099.47	479519.57	206.6688	65.71324	2.0728	0.02529	0.01597	0.0001	2.13E-03	5.80E-05	1.27E-04	4.21E-04	2.66E-04	3.12E-06	3.01E-03	1.0E-06	3.1E-06	1.8E-06	1.6E-06	7.5E-07	4.1E-08	9.9E-07	6.0E-07	5.4E-07	1.2E-07	2.3E-06
2553	CORSICA\	479549.57	3733099.47	479549.57	208.0037	66.0624	2.39828	0.01868	0.0186	0.0001	2.15E-03	5.83E-05	1.47E-04	3.11E-04	3.10E-04	3.12E-06	2.98E-03	1.0E-06	3.1E-06	1.8E-06	1.6E-06	7.4E-07	4.0E-08	9.8E-07	5.9E-07	5.4E-07	1.2E-07	2.3E-06
2554	CORSICA\	479489.57	3733129.47	479489.57	76.64431	61.1079	1.96605	0.01864	0.01474	0.0001	7.91E-04	5.39E-05	1.20E-04	3.11E-04	2.46E-04	3.12E-06	1.52E-03	5.3E-07	1.6E-06	9.2E-07	8.4E-07	3.8E-07	2.1E-08	5.0E-07	3.0E-07	2.8E-07	6.0E-08	1.2E-06
2555	CORSICA\	479519.57	3733129.47	479519.57	79.38567	47.23229	2.23839	0.01641	0.01849	0.0001	8.19E-04	4.17E-05	1.37E-04	2.73E-04	3.08E-04	3.12E-06	1.58E-03	5.5E-07	1.7E-06	9.6E-07	8.7E-07	4.0E-07	2.2E-08	5.2E-07	3.2E-07	2.9E-07	6.2E-08	1.2E-06
2556	CORSICA\	479549.57	3733129.47	479549.57	80.23451	42.03771	2.62448	0.01373	0.0216	0.0001	8.28E-04	3.71E-05	1.61E-04	2.29E-04	3.60E-04	3.12E-06	1.62E-03	5.6E-07	1.7E-06	9.8E-07	8.9E-07	4.0E-07	2.2E-08	5.3E-07	3.2E-07	2.9E-07	6.4E-08	1.2E-06
2557	CORSICA\	479489.57	3733159.47	479489.57	44.01179	41.15939	2.0916	0.01128	0.01674	0.0001	4.54E-04	3.63E-05	1.28E-04	1.88E-04	2.79E-04	3.12E-06	1.09E-03	3.8E-07	1.1E-06	6.6E-07	6.0E-07	2.7E-07	1.5E-08	3.6E-07	2.2E-07	2.0E-07	4.3E-08	8.3E-07
2558	CORSICA\	479519.57	3733159.47	479519.57	46.2671	34.71681	2.39776	0.01101	0.02158	0.0001	4.77E-04	3.06E-05	1.47E-04	1.83E-04	3.60E-04	3.12E-06	1.20E-03	4.2E-07	1.3E-06	7.3E-07	6.6E-07	3.0E-07	1.6E-08	3.9E-07	2.4E-07	2.2E-07	4.7E-08	9.2E-07
2559	CORSICA\	479549.57	3733159.47	479549.57	47.0591	30.68579	2.83294	0.01014	0.02551	0.0001	4.85E-04	2.71E-05	1.74E-04	1.69E-04	4.25E-04	3.12E-06	1.28E-03	4.4E-07	1.3E-06	7.8E-07	7.0E-07	3.2E-07	1.7E-08	4.2E-07	2.6E-07	2.3E-07	5.1E-08	9.8E-07

Operational Risk (Unmitigated)

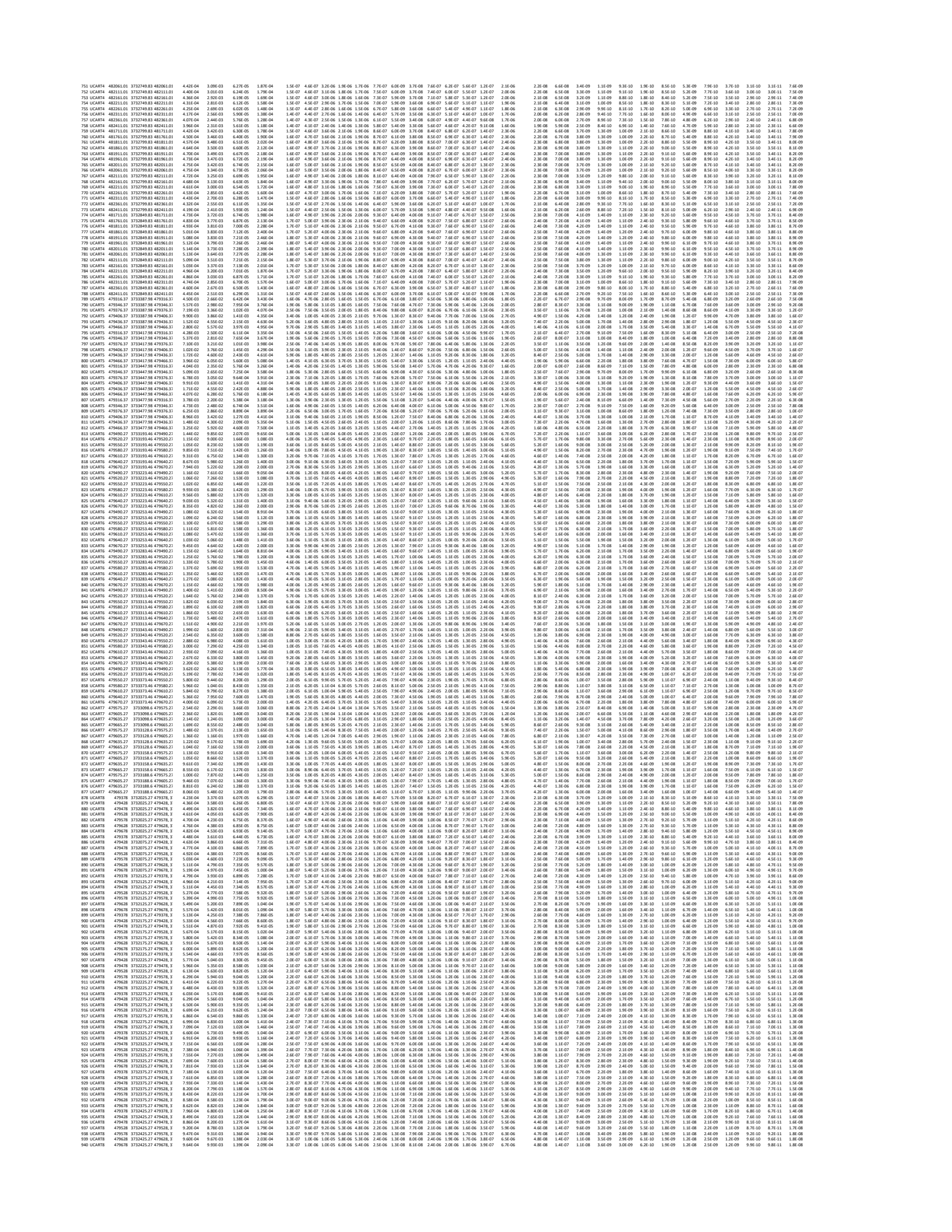
#	Discrete	X	Y	X_Y	Concentration [ug/m^3] Unmitigated Construction	Operations	Mitigated Construction	Operations
1	UCART1	478269.28	3732495.39	478269.28	2.80E-04	1.82E-03	4.02E-05	2.94E-05
2	UCART3	478319.28	3732495.39	478319.28	2.92E-04	1.92E-03	4.19E-05	3.08E-05
3	UCART4	478369.28	3732495.39	478369.28	3.05E-04	2.02E-03	4.38E-05	3.25E-05
4	UCART5	478419.28	3732495.39	478419.28	3.20E-04	2.17E-03	4.60E-05	3.45E-05
5	UCART6	478469.28	3732495.39	478469.28	3.37E-04	2.34E-03	4.84E-05	3.65E-05
6	UCART7	478519.28	3732495.39	478519.28	3.53E-04	2.48E-03	5.08E-05	3.85E-05
7	UCART8	478569.28	3732495.39	478569.28	3.68E-04	2.60E-03	5.29E-05	4.00E-05
8	UCART9	478619.28	3732495.39	478619.28	3.89E-04	2.76E-03	5.59E-05	4.26E-05
9	UCART10	478669.28	3732495.39	478669.28	4.07E-04	2.88E-03	5.85E-05	4.46E-05
10	UCART11	478719.28	3732495.39	478719.28	4.26E-04	2.98E-03	6.13E-05	4.66E-05
11	UCART12	478769.28	3732495.39	478769.28	4.50E-04	3.17E-03	6.46E-05	4.94E-05
12	UCART13	478819.28	3732495.39	478819.28	4.69E-04	3.23E-03	6.74E-05	5.08E-05
13	UCART14	478869.28	3732495.39	478869.28	4.98E-04	3.50E-03	7.15E-05	5.44E-05
14	UCART15	478919.28	3732495.39	478919.28	5.38E-04	3.60E-03	7.73E-05	5.65E-05
15	UCART16	478969.28	3732495.39	478969.28	5.76E-04	4.46E-03	8.29E-05	6.58E-05
16	UCART17	479019.28	3732495.39	479019.28	6.11E-04	4.75E-03	8.78E-05	7.00E-05
17	UCART18	479069.28	3732495.39	479069.28	6.35E-04	4.93E-03	9.13E-05	7.27E-05
18	UCART19	479119.28	3732495.39	479119.28	6.44E-04	4.42E-03	9.27E-05	7.29E-05
19	UCART20	479169.28	3732495.39	479169.28	6.70E-04	4.43E-03	9.64E-05	7.70E-05
20	UCART21	478269.28	3732545.39	478269.28	2.83E-04	1.87E-03	4.07E-05	3.00E-05
21	UCART22	478319.28	3732545.39	478319.28	2.94E-04	1.96E-03	4.24E-05	3.11E-05
22	UCART23	478369.28	3732545.39	478369.28	3.10E-04	2.09E-03	4.45E-05	3.32E-05
23	UCART24	478419.28	3732545.39	478419.28	3.27E-04	2.27E-03	4.70E-05	3.54E-05
24	UCART25	478469.28	3732545.39	478469.28	3.46E-04	2.43E-03	4.97E-05	3.79E-05
25	UCART26	478519.28	3732545.39	478519.28	3.66E-04	2.69E-03	5.25E-05	4.05E-05
26	UCART27	478569.28	3732545.39	478569.28	3.83E-04	2.80E-03	5.51E-05	4.23E-05
27	UCART28	478619.28	3732545.39	478619.28	4.03E-04	2.94E-03	5.79E-05	4.45E-05
28	UCART29	478669.28	3732545.39	478669.28	4.28E-04	3.17E-03	6.15E-05	4.74E-05
29	UCART30	478719.28	3732545.39	478719.28	4.52E-04	3.36E-03	6.49E-05	5.03E-05
30	UCART31	478769.28	3732545.39	478769.28	4.74E-04	3.43E-03	6.81E-05	5.25E-05
31	UCART32	478819.28	3732545.39	478819.28	4.99E-04	3.65E-03	7.18E-05	5.59E-05
32	UCART33	478869.28	3732545.39	478869.28	5.30E-04	3.81E-03	7.62E-05	5.85E-05
33	UCART34	478919.28	3732545.39	478919.28	5.74E-04	4.34E-03	8.25E-05	6.44E-05
34	UCART35	478969.28	3732545.39	478969.28	6.28E-04	4.88E-03	9.03E-05	7.06E-05
35	UCART36	479019.28	3732545.39	479019.28	6.64E-04	5.27E-03	9.54E-05	7.62E-05
36	UCART37	479069.28	3732545.39	479069.28	7.06E-04	5.58E-03	1.02E-04	8.13E-05
37	UCART38	479119.28	3732545.39	479119.28	7.33E-04	5.46E-03	1.05E-04	8.40E-05
38	UCART39	479169.28	3732545.39	479169.28	7.69E-04	5.91E-03	1.11E-04	8.90E-05
39	UCART40	478269.28	3732595.39	478269.28	2.87E-04	1.93E-03	4.12E-05	3.05E-05
40	UCART41	478319.28	3732595.39	478319.28	3.00E-04	2.03E-03	4.31E-05	3.19E-05
41	UCART42	478369.28	3732595.39	478369.28	3.16E-04	2.16E-03	4.54E-05	3.38E-05
42	UCART43	478419.28	3732595.39	478419.28	3.34E-04	2.38E-03	4.80E-05	3.66E-05
43	UCART44	478469.28	3732595.39	478469.28	3.53E-04	2.58E-03	5.08E-05	3.90E-05
44	UCART45	478519.28	3732595.39	478519.28	3.73E-04	2.86E-03	5.36E-05	4.20E-05
45	UCART46	478569.28	3732595.39	478569.28	3.98E-04	3.05E-03	5.71E-05	4.46E-05
46	UCART47	478619.28	3732595.39	478619.28	4.18E-04	3.14E-03	6.00E-05	4.63E-05
47	UCART48	478669.28	3732595.39	478669.28	4.44E-04	3.37E-03	6.38E-05	4.95E-05
48	UCART49	478719.28	3732595.39	478719.28	4.72E-04	3.61E-03	6.78E-05	5.26E-05
49	UCART50	478769.28	3732595.39	478769.28	4.98E-04	3.72E-03	7.15E-05	5.53E-05
50	UCART51	478819.28	3732595.39	478819.28	5.28E-04	3.98E-03	7.59E-05	5.86E-05
51	UCART52	478869.28	3732595.39	478869.28	5.67E-04	4.25E-03	8.15E-05	6.31E-05
52	UCART53	478919.28	3732595.39	478919.28	6.18E-04	4.84E-03	8.88E-05	6.99E-05
53	UCART54	478969.28	3732595.39	478969.28	6.68E-04	5.32E-03	9.60E-05	7.59E-05
54	UCART55	479019.28	3732595.39	479019.28	7.23E-04	5.84E-03	1.04E-04	8.25E-05
55	UCART56	479069.28	3732595.39	479069.28	7.81E-04	6.34E-03	1.12E-04	8.95E-05
56	UCART57	479119.28	3732595.39	479119.28	8.40E-04	6.79E-03	1.21E-04	9.63E-05
57	UCART58	479169.28	3732595.39	479169.28	9.02E-04	7.24E-03	1.30E-04	1.04E-04
58	UCART59	478269.28	3732645.39	478269.28	2.91E-04	2.02E-03	4.18E-05	3.13E-05
59	UCART60	478319.28	3732645.39	478319.28	3.07E-04	2.19E-03	4.41E-05	3.34E-05
60	UCART61	478369.28	3732645.39	478369.28	3.23E-04	2.34E-03	4.64E-05	3.54E-05
61	UCART62	478419.28	3732645.39	478419.28	3.41E-04	2.50E-03	4.89E-05	3.77E-05
62	UCART63	478469.28	3732645.39	478469.28	3.61E-04	2.70E-03	5.18E-05	4.00E-05
63	UCART64	478519.28	3732645.39	478519.28	3.86E-04	3.04E-03	5.54E-05	4.34E-05
64	UCART65	478569.28	3732645.39	478569.28	4.10E-04	3.29E-03	5.90E-05	4.64E-05
65	UCART66	478619.28	3732645.39	478619.28	4.34E-04	3.43E-03	6.23E-05	4.88E-05
66	UCART67	478669.28	3732645.39	478669.28	4.61E-04	3.65E-03	6.62E-05	5.19E-05
67	UCART68	478719.28	3732645.39	478719.28	4.92E-04	3.89E-03	7.07E-05	5.52E-05
68	UCART69	478769.28	3732645.39	478769.28	5.24E-04	4.10E-03	7.53E-05	5.90E-05
69	UCART70	478819.28	3732645.39	478819.28	5.61E-04	4.44E-03	8.05E-05	6.27E-05
70	UCART71	478869.28	3732645.39	478869.28	6.16E-04	5.03E-03	8.85E-05	6.99E-05
71	UCART72	478919.28	3732645.39	478919.28	6.65E-04	5.42E-03	9.56E-05	7.54E-05
72	UCART73	478969.28	3732645.39	478969.28	7.23E-04	5.86E-03	1.04E-04	8.26E-05
73	UCART74	479019.28	3732645.39	479019.28	7.87E-04	6.44E-03	1.13E-04	8.88E-05
74	UCART75	479069.28	3732645.39	479069.28	8.65E-04	7.18E-03	1.24E-04	9.80E-05
75	UCART76	479119.28	3732645.39	479119.28	9.39E-04	7.66E-03	1.35E-04	1.06E-04
76	UCART77	479169.28	3732645.39	479169.28	1.03E-03	8.44E-03	1.48E-04	1.17E-04
77	UCART78	479219.28	3732645.39	479219.28	1.12E-03	9.13E-03	1.62E-04	1.29E-04
78	UCART79	478269.28	3732695.39	478269.28	2.93E-04	2.03E-03	4.21E-05	3.16E-05
79	UCART80	478319.28	3732695.39	478319.28	3.07E-04	2.19E-03	4.41E-05	3.37E-05
80	UCART81	478369.28	3732695.39	478369.28	3.12E-04	2.31E-03	4.48E-05	3.45E-05
81	UCART82	478419.28	3732695.39	478419.28	3.29E-04	2.47E-03	4.73E-05	3.65E-05
82	UCART83	478469.28	3732695.39	478469.28	3.47E-04	2.64E-03	4.98E-05	3.87E-05
83	UCART84	478469.28	3732695.39	478469.28	3.69E-04	2.86E-03	5.29E-05	4.13E-05
84	UCART85	478519.28	3732695.39	478519.28	3.95E-04	3.20E-03	5.67E-05	4.47E-05
85	UCART86	478569.28	3732695.39	478569.28	4.17E-04	3.41E-03	5.98E-05	4.77E-05
86	UCART87	478619.28	3732695.39	478619.28	4.46E-04	3.64E-03	6.41E-05	5.06E-05
87	UCART88	478669.28	3732695.39	478669.28	4.76E-04	3.86E-03	6.83E-05	5.37E-05
88	UCART89	478719.28	3732695.39	478719.28	5.06E-04	4.09E-03	7.31E-05	5.76E-05
89	UCART90	478769.28	3732695.39	478769.28	5.47E-04	4.39E-03	7.86E-05	6.16E-05
90	UCART91	478819.28	3732695.39	478819.28	5.96E-04	4.90E-03	8.56E-05	6.73E-05
91	UCART92	478869.28	3732695.39	478869.28	6.58E-04	5.68E-03	9.46E-05	7.51E-05
92	UCART93	478919.28	3732695.39	478919.28	7.17E-04	6.16E-03	1.03E-04	8.31E-05
93	UCART94	478969.28	3732695.39	478969.28	7.85E-04	6.69E-03	1.13E-04	8.85E-05
94	UCART95	479019.28	3732695.39	479019.28	8.63E-04	7.28E-03	1.24E-04	9.66E-05
95	UCART96	479069.28	3732695.39	479069.28	9.51E-04	8.04E-03	1.37E-04	1.07E-04
96	UCART97	479119.28	3732695.39	479119.28	1.05E-03	8.68E-03	1.52E-04	1.16E-04
97	UCART98	479169.28	3732695.39	479169.28	1.18E-03	9.66E-03	1.69E-04	1.28E-04
98	UCART99	479219.28	3732695.39	479219.28	1.31E-03	1.07E-02	1.88E-04	1.42E-04
99	UCART100	479269.28	3732695.39	479269.28	1.47E-03	1.20E-02	2.11E-04	1.65E-04
100	UCART101	478269.28	3732745.39	478269.28	3.03E-04	2.35E-03	4.36E-05	3.41E-05
101	UCART102	478319.28	3732745.39	478319.28	3.18E-04	2.49E-03	4.56E-05	3.56E-05
102	UCART103	478369.28	3732745.39	478369.28	3.35E-04	2.63E-03	4.82E-05	3.76E-05
103	UCART104	478419.28	3732745.39	478419.28	3.55E-04	2.83E-03	5.10E-05	4.03E-05
104	UCART105	478469.28	3732745.39	478469.28	3.77E-04	3.04E-03	5.40E-05	4.29E-05
105	UCART106	478519.28	3732745.39	478519.28	4.02E-04	3.34E-03	5.78E-05	4.59E-05
106	UCART107	478569.28	3732745.39	478569.28	4.30E-04	3.62E-03	6.17E-05	4.90E-05
107	UCART108	478619.28	3732745.39	478619.28	4.58E-04	3.86E-03	6.58E-05	5.21E-05
108	UCART109	478669.28	3732745.39	478669.28	4.91E-04	4.00E-03	7.15E-05	5.57E-05
109	UCART110	478719.28	3732745.39	478719.28	5.29E-04	4.46E-03	7.60E-05	5.98E-05
110	UCART111	478769.28	3732745.39	478769.28	5.73E-04	4.87E-03	8.24E-05	6.48E-05
111	UCART112	478819.28	3732745.39	478819.28	6.27E-04	5.32E-03	9.00E-05	7.09E-05
112	UCART113	478869.28	3732745.39	478869.28	6.93E-04	6.14E-03	9.96E-05	7.86E-05
113	UCART114	478919.28	3732745.39	478919.28	7.61E-04	6.66E-03	1.09E-04	8.54E-05
114	UCART115	478969.28	3732745.39	478969.28	8.27E-04	7.18E-03	1.19E-04	9.26E-05
115	UCART116	479019.28	3732745.39	479019.28	9.38E-04	8.00E-03	1.35E-04	1.03E-04
116	UCART117	479069.28	3732745.39	479069.28	1.05E-03	8.84E-03	1.51E-04	1.14E-04
117	UCART118	479119.28	3732745.39	479119.28	1.19E-03	9.96E-03	1.70E-04	1.29E-04
118	UCART119	479169.28	3732745.39	479169.28	1.35E-03	1.10E-02	1.94E-04	1.40E-04
119	UCART120	479219.28	3732745.39	479219.28	1.56E-03	1.29E-02	2.24E-04	1.61E-04
120	UCART121	479269.28	3732745.39	479269.28	1.79E-03	1.49E-02	2.58E-04	1.86E-04
121	UCART122	478269.28	3732795.39	478269.28	3.07E-04	2.44E-03	4.41E-05	3.49E-05
122	UCART123	478319.28	3732795.39	478319.28	3.22E-04	2.57E-03	4.62E-05	3.65E-05
123	UCART124	478369.28	3732795.39	478369.28	3.40E-04	2.71E-03	4.89E-05	3.87E-05
124	UCART125	478419.28	3732795.39	478419.28	3.61E-04	2.97E-03	5.18E-05	4.12E-05
125	UCART126	478469.28	3732795.39	478469.28	3.83E-04	3.21E-03	5.51E-05	4.41E-05
126	UCART127	478519.28	3732795.39	478519.28	4.08E-04	3.47E-03	5.87E-05	4.76E-05
127	UCART128	478569.28	3732795.39	478569.28	4.37E-04	3.74E-03	6.27E-05	5.01E-05
128	UCART129	478619.28	3732795.39	478619.28	4.68E-04	4.02E-03	6.72E-05	5.34E-05
129	UCART130	478669.28	3732795.39	478669.28	5.03E-04	4.34E-03	7.22E-05	5.73E-05
130	UCART131	478719.28	3732795.39	478719.28	5.46E-04	4.73E-03	7.84E-05	6.17E-05
131	UCART132	478769.28	3732795.39	478769.28	5.95E-04	5.23E-03	8.55E-05	6.73E-05
132	UCART133	478819.28	3732795.39	478819.28	6.54E-04	5.82E-03	9.40E-05	7.43E-05
133	UCART134	478869.28	3732795.39	478869.28	7.24E-04	6.50E-03	1.04E-04	8.31E-05
134	UCART135	478919.28	3732795.39	478919.28	8.05E-04	7.23E-03	1.16E-04	8.95E-05
135	UCART136	478969.28	3732795.39	478969.28	9.03E-04	8.07E-03	1.30E-04	9.89E-05
136	UCART137	479019.28	3732795.39	479019.28	1.02E-03	9.08E-03	1.46E-04	1.11E-04
137	UCART138	479069.28	3732795.39	479069.28	1.17E-03	1.02E-02	1.68E-04	1.23E-04
138	UCART139	479119.28	3732795.39	479119.28	1.36E-03	1.17E-02	1.95E-04	1.38E-04
139	UCART140	479169.28	3732795.39	479169.28	1.57E-03	1.36E-02	2.25E-04	1.58E-04
140	UCART141	479219.28	3732795.39	479219.28	1.89E-03	1.67E-02	2.72E-04	1.80E-04
141	UCART142	479269.28	3732795.39	479269.28	2.24E-03	1.81E-02	3.22E-04	2.10E-04
142	UCART143	478269.28	3732845.39	478269.28	3.14E-04	2.62E-03	4.49E-05	3.61E-05
143	UCART144	478319.28	3732845.39	478319.28	3.27E-04	2.69E-03	4.69E-05	3.76E-05
144	UCART145	478369.28	3732845.39	478369.28	3.48E-04	2.99E-03	5.00E-05	4.03E-05
145	UCART146	478419.28	3732845.39	478419.28	3.69E-04	3.23E-03	5.30E-05	4.31E-05
146	UCART147	478469.28	3732845.39	478469.28	3.94E-04	3.51E-03	5.68E-05	4.64E-05
147	UCART148	478519.28	3732845.39	478519.28	4.17E-04	3.67E-03	5.98E-05	4.83E-05
148	UCART149	478569.28	3732845.39	478569.28	4.44E-04	3.87E-03	6.38E-05	5.14E-05
149	UCART150	478619.28	3732845.39	478619.28	4.77E-04	4.16E-03	6.84E-05	5.50E-05
150	UCART151	478669.28	3732845.39	478669.28	5.15E-04	4.55E-03	7.39E-05	5.93E-05
151	UCART152	478719.28	3732845.39	478719.28	5.59E-04	4.98E-03	8.03E-05	6.40E-05
152	UCART153	478769.28	3732845.39	478769.28	6.07E-04	5.36E-03	8.74E-05	7.00E-05
153	UCART154	478819.28	3732845.39	478819.28	6.82E-04	6.32E-03	9.79E-05	7.75E-05
154	UCART155	478869.28	3732845.39	478869.28	7.58E-04	7.06E-03	1.09E-04	8.51E-05
155	UCART156	478919.28	3732845.39	478919.28	8.47E-04	7.89E-03	1.22E-04	9.47E-05
156	UCART157	478969.28	3732845.39	478969.28	9.57E-04	8.67E-03	1.38E-04	1.03E-04
157	UCART158	479019.28	3732845.39	479019.28	1.10E-03	9.87E-03	1.58E-04	1.16E-04
158	UCART159	479069.28	3732845.39	479069.28	1.26E-03	1.13E-02	1.84E-04	1.34E-04
159	UCART160	479119.28	3732845.39	479119.28	1.52E-03	1.30E-02	2.18E-04	1.47E-04
160	UCART161	479169.28	3732845.39	479169.28	1.85E-03	1.57E-02	2.66E-04	1.69E-04
161	UCART162	479219.28	3732845.39	479219.28	2.38E-03	1.89E-02	3.41E-04	2.03E-04
162	UCART163	479269.28	3732845.39	479269.28	2.88E-03	2.26E-02	4.15E-04	2.34E-04
163	UCART164	478269.28	3732895.39	478269.28	3.24E-04	2.83E-03	4.65E-05	3.95E-05
164	UCART165	478319.28	3732895.39	478319.28	3.40E-04	2.98E-03	4.88E-05	4.11E-05
165	UCART166	478369.28	3732895.39	478369.28	3.59E-04	3.13E-03	5.16E-05	4.36E-05
166	UCART167	478419.28	3732895.39	478419.28	3.80E-04	3.42E-03	5.46E-05	4.59E-05
167	UCART168	478469.28	3732895.39	478469.28	4.04E-04	3.67E-03	5.80E-05	4.85E-05
168	UCART169	478519.28	3732895.39	478519.28	4.30E-04	3.96E-03	6.18E-05	5.17E-05
169	UCART170	478569.28	3732895.39	478569.28	4.62E-04	4.30E-03	6.64E-05	5.52E-05
170	UCART171	478619.28	3732895.39	478619.28	5.00E-04	4.70E-03	7.18E-05	5.98E-05
171	UCART172	478669.28	3732895.39	478669.28	5.46E-04	5.12E-03	7.85E-05	6.54E-05
172	UCART173	478719.28	3732895.39	478719.28	5.99E-04	5.72E-03	8.59E-05	7.14E-05
173	UCART174	478769.28	3732895.39	478769.28	6.51E-04	6.25E-03	9.39E-05	7.80E-05
174	UCART175	478819.28	3732895.39	478819.28	7.31E-04	7.05E-03	1.05E-04	8.86E-05
175	UCART176	478869.28	3732895.39	478869.28	8.13E-04	7.86E-03	1.17E-04	9.86E-05
176	UCART177	478919.28	3732895.39	478919.28	9.08E-04	8.65E-03	1.31E-04	1.09E-04
177	UCART178	478969.28	3732895.39	478969.28	1.03E-03	9.65E-03	1.48E-04	1.23E-04
178	UCART179	479019.28	3732895.39	479019.28	1.18E-03	1.08E-02	1.70E-04	1.39E-04
179	UCART180	479069.28	3732895.39	479069.28	1.35E-03	1.22E-02	1.98E-04	1.61E-04

#	Discrete	X	Y	X_Y	Unmitigated Residential Dose 3rd	C>0	O>0	2<9	9<16	16<30	3rd	C>0	O>0	2<9	9<16	16<30	Total Risk
1	UCART1	478269.28	3732495.39	478269.28	9.7E-08	2.9E-07	1.9E-06	1.1E-06	4.6E-07	3E-09	2.3E-08	4.5E-07	3.6E-07	3.3E-07	7.2E-08	1.2E-09	1.4E-06
2	UCART3	478319.28	3732495.39	478319.28	1.0E-07	3.0E-07	2.0E-06	1.2E-06	1.1E-06	4.8E-07	4.0E-09	2.4E-08	4.7E-07	3.8E-07	3.5E-07	7.6E-08	1.3E-06
3	UCART4	478369.28	3732495.39	478369.28	1.1E-07	3.2E-07	2.1E-06	1.2E-06	1.1E-06	5.1E-07	4.1E-09	2.6E-08	4.9E-07	4.0E-07	3.7E-07	8.0E-08	1.4E-06
4	UCART5	478419.28	3732495.39	478419.28	1.1E-07	3.3E-07	2.2E-06	1.3E-06	1.2E-06	5.4E-07	4.4E-09	2.7E-08	5.3E-07	4.3E-07	3.9E-07	8.6E-08	1.5E-06
5	UCART6	478469.28	3732495.39	478469.28	1.2E-07	3.5E-07	2.4E-06	1.4E-06	1.3E-06	5.9E-07	4.6E-09	2.8E-08	5.7E-07	4.7E-07	4.2E-07	9.2E-08	1.6E-06
6	UCART7	478519.28	3732495.39	478519.28	1.2E-07	3.7E-07	2.6E-06	1.5E-06	1.4E-06	6.2E-07	4.8E-09	3.0E-08	6.1E-07	5.0E-07	4.5E-07	9.8E-08	1.7E-06
7	UCART8	478569.28	3732495.39	478569.28	1.3E-07	3.9E-07	2.7E-06	1.6E-06	1.5E-06	6.5E-07	5.0E-09	3.1E-08	6.4E-07	5.2E-07	4.7E-07	1.0E-07	1.8E-06
8	UCART9	478619.28	3732495.39	478619.28	1.4E-07	4.1E-07	2.9E-06	1.7E-06	1.5E-06	6.9E-07	5.3E-09	3.3E-08	6.8E-07	5.5E-07	5.0E-07	1.1E-07	1.9E-06
9	UCART10	478669.28	3732495.39	478669.28	1.4E-07	4.3E-07	3.0E-06	1.7E-06	1.6E-06	7.2E-07	5.5E-09	3.4E-08	7.0E-07	5.7E-07	5.2E-07	1.1E-07	2.0E-06
10	UCART11	478719.28	3732495.39	478719.28	1.5E-07	4.5E-07	3.1E-06	1.8E-06	1.6E-06	7.5E-07	5.8E-09	3.5E-08	7.3E-07	5.9E-07	5.4E-07	1.2E-07	2.1E-06
11	UCART12	478769.28	3732495.39	478769.28	1.6E-07	4.7E-07	3.3E-06	1.9E-06	1.7E-06	7.9E-07	6.1E-09	3.8E-08	7.8E-07	6.3E-07	5.7E-07	1.3E-07	2.2E-06
12	UCART13	478819.28	3732495.39	478819.28	1.6E-07	4.9E-07	3.4E-06	2.0E-06	1.8E-06	8.1E-07	6.4E-09	3.9E-08	7.9E-07	6.5E-07	5.9E-07	1.3E-07	2.2E-06
13	UCART14	478869.28	3732495.39	478869.28	1.7E-07	5.2E-07	3.7E-06	2.1E-06	1.9E-06	8.7E-07	6.8E-09	4.2E-08	8.6E-07	7.0E-07	6.4E-07	1.4E-07	2.4E-06
14	UCART15	478919.28	3732495.39	478919.28	1.9E-07	5.6E-07	4.0E-06	2.3E-06	2.1E-06	9.4E-07	7.3E-09	4.5E-08	9.3E-07	7.6E-07	6.9E-07	1.6E-07	2.6E-06
15	UCART16	478969.28	3732495.39	478969.28	2.1E-07	6.4E-07	4.5E-06	2.6E-06	2.4E-06	1.1E-06	8.4E-09	5.2E-08	1.1E-06	8.7E-07	7.9E-07	1.8E-07	3.0E-06
16	UCART17	479019.28	3732495.39	479019.28	2.1E-07	6.4E-07	5.0E-06	2.9E-06	2.6E-06	1.2E-06	8.3E-09	5.1E-08	1.2E-06	9.5E-07	8.6E-07	1.9E-07	3.2E-06
17	UCART18	479069.28	3732495.39	479069.28	2.2E-07	6.8E-07	5.2E-06	2.9E-06	2.6E-06	1.2E-06	8.6E-09	5.3E-08	1.2E-06	9.5E-07	8.6E-07	1.9E-07	3.2E-06
18	UCART19	479119.28	3732495.39	479119.28	6.44E-04	4.42E-03	9.27E-05	7.29E-05	2.2E-07	6.7E-07	4.6E-06	2.7E-06	2.4E-06	1.1E-06	8.8E-09	5.4E-08	1.1E-06
19	UCART20	479169.28	3732495.39	479169.28	6.70E-04	4.43E-03	9.64E-05	7.70E-05	2.3E-07	7.0E-07	4.6E-06	2.7E-06	2.4E-06	1.1E-06	9.1E-09	5.6E-08	1.1E-06
20	UCART21	478269.28	3732545.39	478269.28	2.83E-04	1.87E-03	4.07E-05	3.00E-05	9.8E-08	3.0E-07	2.0E-06	1.1E-06	1.0E-06	4.7E-07	3.9E-09	2.4E-08	4.6E-07
21	UCART22	478319.28	3732545.39	478319.28	2.94E-04	1.96E-03	4.24E-05	3.11E-05	1.0E-07	3.1E-07	2.0E-06	1.2E-06	1.0E-06	4.9E-07	4.1E-09	2.5E-08	4.8E-07
22	UCART23	478369.28	3732545.39	478369.28	3.10E-04	2.09E-03	4

181	UCART3	4783192	3.28	3.41E-04	3.01E-03	4.90E-05	4.18E-05	1.2E-07	3.6E-07	3.1E-06	1.8E-06	1.7E-06	7.5E-07	4.6E-09	2.9E-08	7.4E-07	6.0E-07	5.4E-07	1.2E-07	2.0E-06	1.7E-08	5.1E-08	3.3E-09	1.1E-09	9.1E-10	1.9E-10	6.7E-10	4.1E-09	7.7E-10	3.6E-10	3.0E-10	3.0E-11	6.2E-09
182	UCART3	4783693	28	3.60E-04	3.21E-03	5.17E-05	4.42E-05	1.2E-07	3.8E-07	3.4E-06	1.9E-06	1.8E-06	8.0E-07	4.9E-09	3.0E-08	7.9E-07	6.4E-07	5.8E-07	1.3E-07	2.2E-06	1.8E-08	5.4E-08	3.5E-09	1.2E-09	9.7E-10	2.0E-10	7.0E-10	4.3E-09	8.2E-10	3.9E-10	3.2E-10	3.2E-11	6.6E-09
183	UCART3	4784192	28	3.81E-04	3.44E-03	5.47E-05	4.65E-05	1.3E-07	4.0E-07	3.6E-06	2.1E-06	1.9E-06	8.6E-07	5.2E-09	3.2E-08	8.4E-07	6.9E-07	6.2E-07	1.4E-07	2.3E-06	1.9E-08	5.7E-08	3.8E-09	1.3E-09	1.0E-09	2.2E-10	7.4E-10	4.6E-09	8.8E-10	4.2E-10	3.4E-10	3.4E-11	7.0E-09
184	UCART3	4784692	28	4.04E-04	3.70E-03	5.80E-05	4.89E-05	1.4E-07	4.2E-07	3.9E-06	2.2E-06	2.0E-06	9.3E-07	5.5E-09	3.4E-08	9.0E-07	7.4E-07	6.7E-07	1.5E-07	2.5E-06	2.0E-08	6.1E-08	4.0E-09	1.4E-09	1.1E-09	2.3E-10	7.9E-10	4.9E-09	9.5E-10	4.5E-10	3.7E-10	3.7E-11	7.4E-09
185	UCART3	4785192	28	4.31E-04	3.99E-03	6.19E-05	5.21E-05	1.5E-07	4.5E-07	4.2E-06	2.4E-06	2.2E-06	1.0E-06	5.9E-09	3.6E-08	9.8E-07	8.0E-07	7.2E-07	1.6E-07	2.7E-06	2.1E-08	6.5E-08	4.4E-09	1.5E-09	1.2E-09	2.5E-10	8.4E-10	5.2E-09	1.0E-09	4.8E-10	4.0E-10	3.9E-11	8.0E-09
186	UCART3	4785692	28	4.61E-04	4.33E-03	6.65E-05	5.59E-05	1.6E-07	4.8E-07	4.5E-06	2.6E-06	2.4E-06	1.1E-06	6.3E-09	3.9E-08	1.1E-06	8.6E-07	7.8E-07	1.7E-07	2.9E-06	2.3E-08	7.0E-08	4.7E-09	1.6E-09	1.3E-09	2.7E-10	9.0E-10	5.6E-09	1.1E-09	5.2E-10	4.3E-10	4.3E-11	8.6E-09
187	UCART3	4786192	28	4.92E-04	4.74E-03	7.21E-05	6.04E-05	1.7E-07	5.2E-07	5.0E-06	2.9E-06	2.6E-06	1.2E-06	6.8E-09	4.2E-08	1.2E-06	9.5E-07	8.6E-07	1.9E-07	3.2E-06	2.5E-08	7.5E-08	5.2E-09	1.7E-09	1.4E-09	3.0E-10	9.8E-10	6.0E-09	1.2E-09	5.7E-10	4.7E-10	4.7E-11	9.3E-09
188	UCART3	4786692	28	5.48E-04	5.23E-03	7.87E-05	6.59E-05	1.9E-07	5.7E-07	5.5E-06	3.2E-06	2.9E-06	1.3E-06	7.5E-09	4.6E-08	1.3E-06	1.0E-06	9.5E-07	2.1E-07	3.5E-06	2.7E-08	8.2E-08	5.7E-09	1.9E-09	1.6E-09	3.3E-10	1.1E-09	6.6E-09	1.3E-09	6.3E-10	5.2E-10	5.2E-11	1.0E-08
189	UCART3	4787192	28	6.03E-04	5.79E-03	8.65E-05	7.21E-05	2.1E-07	6.3E-07	6.0E-06	3.5E-06	3.2E-06	1.4E-06	8.2E-09	5.0E-08	1.4E-06	1.2E-06	1.0E-06	2.3E-07	3.9E-06	3.0E-08	9.0E-08	6.3E-09	2.1E-09	1.7E-09	3.6E-10	1.2E-09	7.2E-09	1.5E-09	7.0E-10	5.7E-10	5.7E-11	1.1E-08
190	UCART3	4787692	28	6.67E-04	6.40E-03	9.58E-05	8.00E-05	2.3E-07	7.0E-07	6.7E-06	3.9E-06	3.5E-06	1.6E-06	9.1E-09	5.6E-08	1.6E-06	1.3E-06	1.2E-06	2.5E-07	4.4E-06	3.3E-08	1.0E-07	7.0E-09	2.4E-09	1.9E-09	4.0E-10	1.3E-09	8.0E-09	1.6E-09	7.8E-10	6.4E-10	6.4E-11	1.2E-08
191	UCART3	4788192	28	7.46E-04	7.24E-03	1.07E-04	8.86E-05	2.6E-07	7.8E-07	7.6E-06	4.4E-06	4.0E-06	1.8E-06	1.0E-08	6.2E-08	1.8E-06	1.4E-06	1.3E-06	2.9E-07	4.9E-06	3.7E-08	1.1E-07	7.9E-09	2.6E-09	2.2E-09	4.5E-10	1.5E-09	9.0E-09	1.9E-09	8.7E-10	7.2E-10	7.1E-11	1.4E-08
192	UCART3	4788692	28	8.33E-04	8.13E-03	1.20E-04	9.86E-05	2.9E-07	8.7E-07	8.6E-06	5.0E-06	4.5E-06	2.0E-06	1.1E-08	7.0E-08	2.0E-06	1.6E-06	1.4E-06	3.2E-07	5.4E-06	4.1E-08	1.2E-07	8.8E-09	2.9E-09	2.4E-09	5.0E-10	1.7E-09	1.0E-08	2.1E-09	9.7E-10	8.0E-10	8.0E-11	1.6E-08
193	UCART3	4789192	28	9.30E-04	9.14E-03	1.34E-04	1.10E-04	3.2E-07	9.8E-07	9.7E-06	5.6E-06	5.1E-06	2.2E-06	1.2E-08	7.9E-08	2.2E-06	1.8E-06	1.6E-06	3.6E-07	6.1E-06	4.6E-08	1.4E-07	9.9E-09	3.3E-09	2.7E-09	5.6E-10	1.9E-09	1.1E-08	2.3E-09	1.1E-09	8.9E-10	8.9E-11	1.8E-08
194	UCART3	4790692	28	1.04E-03	1.54E-02	2.36E-04	1.61E-04	5.7E-07	1.7E-06	1.6E-05	9.3E-06	8.4E-06	3.8E-06	2.2E-08	1.4E-07	3.8E-06	3.1E-06	2.8E-06	6.1E-07	1.0E-05	8.2E-08	2.5E-07	1.7E-08	5.6E-09	4.6E-09	9.6E-10	3.2E-09	2.0E-08	3.9E-09	1.9E-09	1.5E-09	1.5E-10	3.0E-08
195	UCART3	4791192	28	1.17E-03	1.90E-02	3.03E-04	1.87E-04	7.3E-07	2.2E-06	2.0E-05	1.2E-05	1.0E-05	4.8E-06	2.9E-08	1.8E-07	4.7E-06	3.8E-06	3.4E-06	7.5E-07	1.3E-05	1.0E-07	3.2E-07	2.1E-08	7.0E-09	5.7E-09	1.2E-09	4.1E-09	2.5E-08	4.9E-09	2.3E-09	1.9E-09	1.9E-10	3.9E-08
196	UCART3	4791692	28	1.30E-03	2.34E-02	3.71E-04	2.13E-04	9.1E-07	2.7E-06	2.5E-05	1.5E-05	1.3E-05	5.9E-06	3.6E-08	2.2E-07	5.8E-06	4.7E-06	4.2E-06	9.3E-07	1.6E-05	1.3E-07	4.0E-07	2.7E-08	8.7E-09	7.1E-09	1.5E-09	5.1E-09	3.1E-08	6.1E-09	2.9E-09	2.4E-09	2.4E-10	4.9E-08
197	UCART3	4792192	28	1.44E-03	3.31E-02	6.33E-04	2.68E-04	1.5E-06	4.6E-06	3.5E-05	2.0E-05	1.8E-05	8.3E-06	5.0E-08	3.7E-07	8.1E-06	6.6E-06	6.0E-06	1.3E-06	2.2E-05	2.2E-07	6.6E-07	3.6E-08	1.2E-08	1.0E-08	2.1E-09	8.6E-09	5.3E-08	8.5E-09	4.0E-09	3.3E-09	3.3E-10	7.8E-08
198	UCART3	4792692	28	1.07E-03	4.88E-02	1.16E-03	3.64E-04	2.8E-06	8.4E-06	5.1E-05	3.0E-05	2.7E-05	1.2E-05	1.1E-07	6.8E-07	1.2E-05	9.7E-06	8.8E-06	1.9E-06	3.3E-05	4.0E-07	1.2E-06	5.3E-08	1.8E-08	1.5E-08	3.1E-09	1.6E-08	9.7E-08	1.2E-08	5.9E-09	4.8E-09	4.8E-10	1.4E-07
199	UCART3	4793192	28	1.01E-03	4.66E-02	1.10E-03	3.45E-04	2.7E-06	8.0E-06	4.9E-05	2.9E-05	2.6E-05	1.1E-05	1.0E-07	6.5E-07	1.1E-05	9.2E-06	8.4E-06	1.8E-06	3.1E-05	3.8E-07	1.1E-06	5.0E-08	1.7E-08	1.4E-08	2.9E-09	1.5E-08	9.2E-08	1.1E-08	5.6E-09	4.5E-09	4.5E-10	1.3E-07
200	UCART3	4793692	28	3.41E-04	3.01E-03	4.89E-05	4.22E-05	1.2E-07	3.6E-07	3.1E-06	1.8E-06	1.7E-06	7.5E-07	4.6E-09	2.9E-08	7.4E-07	6.0E-07	5.5E-07	1.2E-07	2.0E-06	1.7E-08	5.1E-08	3.3E-09	1.1E-09	9.1E-10	1.9E-10	6.7E-10	4.1E-09	7.7E-10	3.6E-10	3.0E-10	3.0E-11	6.2E-09
201	UCART3	4794192	28	3.59E-04	3.22E-03	5.16E-05	4.42E-05	1.2E-07	3.8E-07	3.4E-06	1.9E-06	1.8E-06	8.0E-07	4.9E-09	3.0E-08	7.9E-07	6.4E-07	5.8E-07	1.2E-07	2.2E-06	1.8E-08	5.4E-08	3.5E-09	1.2E-09	9.7E-10	2.0E-10	7.0E-10	4.3E-09	8.2E-10	3.9E-10	3.2E-10	3.2E-11	6.6E-09
202	UCART3	4794692	28	3.80E-04	3.44E-03	5.45E-05	4.66E-05	1.3E-07	4.0E-07	3.6E-06	2.1E-06	1.9E-06	8.5E-07	5.2E-09	3.2E-08	8.4E-07	6.8E-07	6.2E-07	1.4E-07	2.3E-06	1.9E-08	5.7E-08	3.8E-09	1.3E-09	1.0E-09	2.2E-10	7.4E-10	4.6E-09	8.8E-10	4.2E-10	3.4E-10	3.4E-11	7.0E-09
203	UCART3	4795192	28	4.02E-04	3.78E-03	5.78E-05	4.89E-05	1.4E-07	4.2E-07	3.9E-06	2.2E-06	2.0E-06	9.0E-07	5.5E-09	3.4E-08	9.0E-07	7.4E-07	6.7E-07	1.5E-07	2.5E-06	2.0E-08	6.0E-08	4.0E-09	1.4E-09	1.1E-09	2.3E-10	7.9E-10	4.8E-09	9.4E-10	4.5E-10	3.7E-10	3.6E-11	7.4E-09
204	UCART3	4795692	28	4.29E-04	3.99E-03	6.17E-05	5.22E-05	1.5E-07	4.5E-07	4.2E-06	2.4E-06	2.2E-06	1.0E-06	5.8E-09	3.6E-08	9.8E-07	8.0E-07	7.2E-07	1.6E-07	2.7E-06	2.1E-08	6.4E-08	4.4E-09	1.5E-09	1.2E-09	2.5E-10	8.4E-10	5.2E-09	1.0E-09	4.8E-10	4.0E-10	3.9E-11	7.9E-09
205	UCART3	4796192	28	4.62E-04	4.33E-03	6.63E-05	5.59E-05	1.6E-07	4.8E-07	4.5E-06	2.6E-06	2.4E-06	1.1E-06	6.3E-09	3.9E-08	1.1E-06	8.7E-07	7.8E-07	1.7E-07	2.9E-06	2.3E-08	6.9E-08	4.7E-09	1.6E-09	1.3E-09	2.7E-10	9.0E-10	5.6E-09	1.1E-09	5.2E-10	4.3E-10	4.3E-11	8.6E-09
206	UCART3	4796692	28	4.93E-04	4.74E-03	7.13E-05	6.00E-05	1.7E-07	5.2E-07	5.0E-06	2.9E-06	2.6E-06	1.2E-06	6.8E-09	4.2E-08	1.2E-06	9.5E-07	8.6E-07	1.9E-07	3.2E-06	2.5E-08	7.5E-08	5.2E-09	1.7E-09	1.4E-09	3.0E-10	9.8E-10	6.0E-09	1.2E-09	5.7E-10	4.7E-10	4.7E-11	9.3E-09
207	UCART3	4797192	28	5.47E-04	5.23E-03	7.85E-05	6.60E-05	1.9E-07	5.7E-07	5.5E-06	3.2E-06	2.9E-06	1.3E-06	7.4E-09	4.6E-08	1.3E-06	1.0E-06	9.5E-07	2.1E-07	3.5E-06	2.7E-08	8.2E-08	5.7E-09	1.9E-09	1.6E-09	3.3E-10	1.1E-09	6.6E-09	1.3E-09	6.3E-10	5.2E-10	5.2E-11	1.0E-08
208	UCART3	4797692	28	6.03E-04	5.81E-03	8.65E-05	7.26E-05	2.1E-07	6.3E-07	6.1E-06	3.5E-06	3.2E-06	1.5E-06	8.2E-09	5.0E-08	1.4E-06	1.2E-06	1.1E-06	2.3E-07	3.9E-06	3.0E-08	9.0E-08	6.4E-09	2.1E-09	1.7E-09	3.6E-10	1.2E-09	7.2E-09	1.5E-09	7.0E-10	5.8E-10	5.7E-11	1.1E-08
209	UCART3	4798192	28	6.69E-04	6.49E-03	9.58E-05	8.00E-05	2.3E-07	7.0E-07	6.8E-06	3.9E-06	3.5E-06	1.6E-06	9.1E-09	5.6E-08	1.6E-06	1.3E-06	1.2E-06	2.5E-07	4.4E-06	3.3E-08	1.0E-07	7.1E-09	2.4E-09	1.9E-09	4.0E-10	1.3E-09	8.0E-09	1.6E-09	7.8E-10	6.4E-10	6.4E-11	1.2E-08
210	UCART3	4798692	28	7.51E-04	7.34E-03	1.08E-04	9.02E-05	2.6E-07	7.8E-07	7.7E-06	4.4E-06	4.0E-06	1.8E-06	1.0E-08	6.3E-08	1.8E-06	1.5E-06	1.3E-06	2.9E-07	5.0E-06	3.7E-08	1.1E-07	8.0E-09	2.7E-09	2.2E-09	4.6E-10	1.5E-09	9.0E-09	1.9E-09	8.9E-10	7.3E-10	7.3E-11	1.4E-08
211	UCART3	4799192	28	8.50E-04	8.31E-03	1.22E-04	1.01E-04	2.9E-07	8.9E-07	8.7E-06	5.0E-06	4.6E-06	2.1E-06	1.2E-08	7.1E-08	2.0E-06	1.7E-06	1.5E-06	3.3E-07	5.6E-06	4.2E-08	1.3E-07	9.1E-09	3.0E-09	2.5E-09	5.2E-10	1.7E-09	1.0E-08	2.1E-09	1.0E-09	8.2E-10	8.2E-11	1.6E-08
212	UCART3	4799692	28	9.75E-04	9.51E-03	1.40E-04	1.13E-04	3.3E-07	1.0E-06	1.0E-05	5.7E-06	5.2E-06	2.4E-06	1.3E-08	8.2E-08	2.3E-06	1.9E-06	1.7E-06	3.8E-07	6.4E-06	4.8E-08	1.5E-07	1.0E-08	3.5E-09	2.9E-09	6.0E-10	2.0E-09	1.2E-08	2.4E-09	1.1E-09	9.4E-10	9.4E-11	1.8E-08
213	UCART3	4789693	28	1.13E-03	1.10E-02	1.63E-04	1.26E-04	3.9E-07	1.2E-06	1.1E-05	6.6E-06	6.0E-06	2.7E-06	1.5E-08	9.5E-08	2.7E-06	2.2E-06	2.0E-06	4.3E-07	7.4E-06	5.6E-08	1.7E-07	1.2E-08	4.0E-09	3.3E-09	6.9E-10	2.2E-09	1.4E-08	2.8E-09	1.3E-09	1.1E-09	1.1E-10	2.1E-08
214	UCART3	4790193	28	1.36E-03	1.29E-02	1.95E-04	1.45E-04	4.7E-07	1.4E-06	1.4E-05	7.8E-06	7.1E-06	3.2E-06	1.8E-08	1.1E-07	3.2E-06	2.6E-06	2.3E-06	5.1E-07	8.7E-06	6.7E-08	2.0E-07	1.4E-08	4.7E-09	3.9E-09	8.1E-10	2.7E-09	1.6E-08	3.3E-09	1.6E-09	1.3E-09	1.3E-10	2.5E-08
215	UCART3	4790693	28	1.60E-03	1.54E-02	2.34E-04	1.74E-04	5.8E-07	1.7E-06	1.6E-05	9.4E-06	8.5E-06	3.8E-06	2.2E-08	1.4E-07	3.8E-06	3.1E-06	2.8E-06	6.1E-07	1.0E-05	8.1E-08	2.4E-07	1.7E-08	5.6E-09	4.6E-09	9.7E-10	3.2E-09	2.0E-08	3.9E-09	1.9E-09	1.5E-09	1.5E-10	3.0E-08
216	UCART3	4791193	28	1.84E-03	1.82E-02	2.76E-04	2.05E-04	6.9E-07	2.0E-06	1.9E-05	1.1E-05	1.0E-05	4.5E-06	2.6E-08	1.7E-07	4.5E-06	3.7E-06	3.3E-06	7.2E-07	1.2E-05	9.6E-08	2.9E-07	2.0E-08	6.6E-09	5.4E-09	1.1E-09	3.8E-09	2.4E-08	4.6E-09	2.2E-09	1.8E-09	1.8E-10	3.6E-08
217	UCART3	4791693	28	2.11E-03	2.15E-02	3.31E-04	2.41E-04	8.2E-07	2.4E-06	2.3E-05	1.3E-05	1.2E-05	5.3E-06	3.1E-08	2.0E-07	5.3E-06	4.4E-06	3.9E-06	8.5E-07	1.4E-05	1.1E-07	3.4E-07	2.4E-08	7.8E-09	6.4E-09	1.3E-09	4.5E-09	2.8E-08	5.4E-09	2.6E-09	2.1E-09	2.1E-10	4.3E-08
218	UCART3	4792193	28	2.42E-03	2.54E-02	3.91E-04	2.78E-04	9.5E-07	2.8E-06	2.7E-05	1.5E-05	1.4E-05	6.1E-06	3.6E-08	2.3E-07	6.1E-06	5.1E-06	4.5E-06	9.8E-07	1.6E-05	1.3E-07	4.0E-07	2.8E-08	9.1E-09	7.5E-09	1.5E-09	5.3E-09	3.2E-08	6.3E-09	3.0E-09	2.5E-09	2.4E-10	5.0E-08
219	UCART3	4792693	28	2.74E-03	2.96E-02	4.57E-04	3.21E-04	1.1E-06	3.3E-06	3.2E-05	1.8E-05	1.6E-05	7.0E-06	4.2E-08	2.7E-07	7.0E-06	5.9E-06	5.2E-06	1.1E-06	1.9E-05	1.5E-07	4.7E-07	3.3E-08	1.1E-08	8.7E-09	1.8E-09	6.2E-09	3.7E-08	7.4E-09	3.5E-09	2.9E-09	2.8E-10	5.8E-08
220	UCART3	4793193	28	3.09E-03	3.38E-02	5.23E-04	3.65E-04	1.3E-06	3.8E-06	3.7E-05	2.1E-05	1.8E-05	8.0E-06	4.8E-08	3.1E-07	8.0E-06	6.7E-06	5.9E-06	1.3E-06	2.2E-05	1.7E-07	5.4E-07	3.8E-08	1.3E-08	9.9E-09	2.1E-09	7.1E-09	4.2E-08	8.5E-09	4.0E-09	3.3E-09	3.2E-10	6.6E-08
221	UCART3	4793693	28	3.44E-03	3.83E-02	5.94E-04	4.14E-04	1.5E-06	4.3E-06	4.2E-05	2.4E-05	2.1E-05	9.1E-06	5.4E-08	3.5E-07	9.1E-06	7.6E-06	6.7E-06	1.5E-06	2.5E-05	1.9E-07	6.1E-07	4.3E-08	1.5E-08	1.1E-08	2.4E-09	8.1E-09	4.8E-08	9.6E-09	4.5E-09	3.7E-09	3.6E-10	7.4E-08
222	UCART3	4794193	28	3.80E-03	4.24E-02	6.66E-04	4.64E-04	1.7E-06	4.8E-06	4.7E-05	2.7E-05	2.4E-05	1.0E-05	6.1E-08	3.9E-07	1.0E-05	8.5E-06	7.5E-06	1.7E-06	2.8E-05	2.1E-07	6.8E-07	4.8E-08	1.7E-08	1.3E-08	2.7E-09	9.0E-09	5.4E-08	1.1E-08	5.0E-09	4.2E-09	4.0E-10	8.3E-08
223	UCART3	4794693	28	4.15E-03	4.65E-02	7.38E-04	5.14E-04	1.9E-06	5.3E-06	5.2E-05	3.0E-05	2.6E-05	1.1E-05	6.8E-08	4.3E-07	1.1E-05	9.4E-06	8.4E-06	1.9E-06	3.1E-05	2.4E-07	7.5E-07	5.4E-08	1.9E-08	1.5E-08	3.0E-09	1.0E-08	6.0E-08	1.2E-08	5.6E-09	4.7E-09	4.5E-10	9.3E-08
224	UCART3	4795193	28	4.50E-03	5.14E-02	8.15E-04	5.64E-04	2.1E-06	5.8E-06	5.7E-05	3.3E-05	2.9E-05	1.2E-05	7.5E-08	4.8E-07	1.2E-05	1.0E-05	9.3E-06	2.1E-06	3.4E-05	2.7E-07	8.3E-07	5.9E-08	2.1E-08	1.7E-08	3.3E-09	1.1E-08	6.6E-08	1.3E-08	6.2E-09	5.2E-09	5.0E-10	1.0E-07
225	UCART3	4795693	28	4.85E-03	5.63E-02	8.92E-04	6.14E-04	2.3E-06	6.3E-06	6.2E-05	3.6E-05	3.2E-05	1.3E-05	8.2E-08	5.2E-07	1.3E-05	1.1E-05	1.0E-05	2.3E-06	3.8E-05	2.9E-07	9.1E-07	6.4E-08	2.3E-08	1.8E-08	3.6E-09	1.2E-08	7.2E-08	1.4E-08	6.8E-09	5.7E-09	5.5E-10	1.1E-07
226	UCART3	4796193	28	5.19E-03	6.12E-02	9.69E-04	6.64E-04	2.5E-06	6.8E-06	6.8E-05	3.9E-05	3.5E-05	1.4E-05	8.9E-08	5.6E-07	1.4E-05	1.2E-05	1.1E-05	2.5E-06	4.2E-05	3.2E-07	9.9E-07	7.0E-08	2.5E-08	2.0E-08	4.0E-09	1.3E-08	7.9E-08	1.6E-08	7.4E-09	6.2E-09	6.0E-10	1.2E-07
227	UCART3	4796693	28	5.54E-03	6.61E-02	1.05E-03	7.15E-04	2.7E-06	7.3E-06	7.4E-05	4.2E-05	3.8E-05	1.5E-05	9.6E-08	6.1E-07	1.5E-05	1.3E-05	1.2E-05	2.7E-06	4.6E-05	3.5E-07	1.1E-06	7.6E-08	2.7E-08	2.2E-08	4.3E-09	1.5E-08	8.5E-08	1.7E-08	8.0E-09	6.7E-09	6.5E-10	1.3E-07
228	UCART3	4797193	28	5.90E-03	7.13E-02	1.14E-03	7.67E-04	2.9E-06	7.8E-06	8.0E-05	4.5E-05	4.1E-05	1.6E-05	1.0E-07	6.6E-07	1.6E-05	1.4E-05	1.3E-05	2.9E-06	4.9E-05	3.8E-07	1.2E-06	8.2E-08	2.9E-08	2.4E-08	4.6E-09	1.6E-08	9.2E-08	1.8E-08	8.6E-09	7.2E-09	7.0E-10	1.4E-07
229	UCART3	4797693	28	6.26E-03	7.65E-02	1.22E-03	8.18E-04	3.1E-06	8.3E-06	8.5E-05	4.8E-05	4.4E-05	1.7E-05	1.1E-07	7.1E-07	1.7E-05	1.5E-05	1.4E-05	3.1E-06	5.2E-05	4.1E-07	1.3E-06	8.7E-08	3.1E-08	2.6E-08	4.9E-09	1.7E-08	9.8E-08	1.9E-08	9.2E-09	7.7E-09	7.5E-10	1.5E-07
230	UCART3	4798193	28	6.67E-04	6.48E-03	9.57E-05	8.12E-05	2.3E-07	7.0E-07	6.8E-06	3.9E-06	3.6E-06	1.6E-06	9.1E-09	5.6E-08	1.6E-06	1.3E-06	1.2E-06	2.6E-07	4.4E-06	3.3E-08	1.0E-07	7.0E-09	2.4E-09	1.9E-09	4.1E-10	1.3E-09	8.0E-09	1.7E-09	7.8E-10	6.4E-10	6.4E-11	1.2E-08
231	UCART3	4798693	28	7.50E-04	7.33E-03	1.08E-04	9.13E-05	2.6E-07	7.8E-07	7.7E-06	4.4E-06	4.0E-06	1.8E-06	1.0E-08	6.3E-08	1.8E-06	1.5E-06	1.3E-06	2.9E-07	5.0E-06	3.7E-08	1.1E-07	8.0E-09	2.7E-09	2.2E-09	4.6E-10	1.5E-09	9.0E-09	1.9E-09	8.9E-10	7.3E-10	7.3E-11	1.4E-08
232	UCART3	4789193	28	8.49E-04	8.29E-03	1.22E-04	1.02E-04	2.9E-07	8.9E-07	8.7E-06	5.0E-06	4.5E-06	2.1E-06	1.2E-08	7.1E-08	2.0E-06	1.7E-06	1.5E-06	3.3E-07	5.6E-06	4.2E-08	1.3E-07	9.1E-09	3.0E-09	2.5E-09	5.2E-10	1.7E-09	1.0E-08	2.1E-09	1.0E-09	8.2E-10	8.2E-11	1.6E-08
233	UCART3	4789693	28	9.31E-04	9.14E-03	1.34E-04	1.10E-04	3.2E-07	9.8E-07	9.7E-06	5.6E-06	5.1E-06	2.2E-06	1.2E-08	7.9E-08	2.2E-06	1.8E-06	1.6E-06	3.6E-07	6.1E-06	4.6E-08	1.4E-07	9.9E-09	3.3E-09	2.7E-09	5.6E-10	1.9E-09	1.1E-08	2.3E-09	1.1E-09	8.9E-10	8.9E-11	1.8E-08
234	UCART3	4790193	28	1.04E-03	1.54E-02	2.36E-04	1.61E-04	5.7E-07	1.7E-06	1.6E-05	9.3E-06	8.4E-06	3.8E-06	2.2E-08	1.4E-07	3.8E-06	3.1E-06	2.8E-06	6.1E-07	1.0E-05	8.2E-08	2.5E-07	1.7E-08	5.6E-09	4.6E-09	9.6E-10	3.2E-09	2.0E-08	3.9E-09	1.9E-09	1.5E-09	1.5E-10	3.0E-08
235	UCART3	4790693	28	1.35E-03	1.29E-02	1.94E-04	1.47E-04	4.7E-07	1.4E-06	1.3E-05	7.8E-06	7.1E-06	3.2E-06	1.8E-08

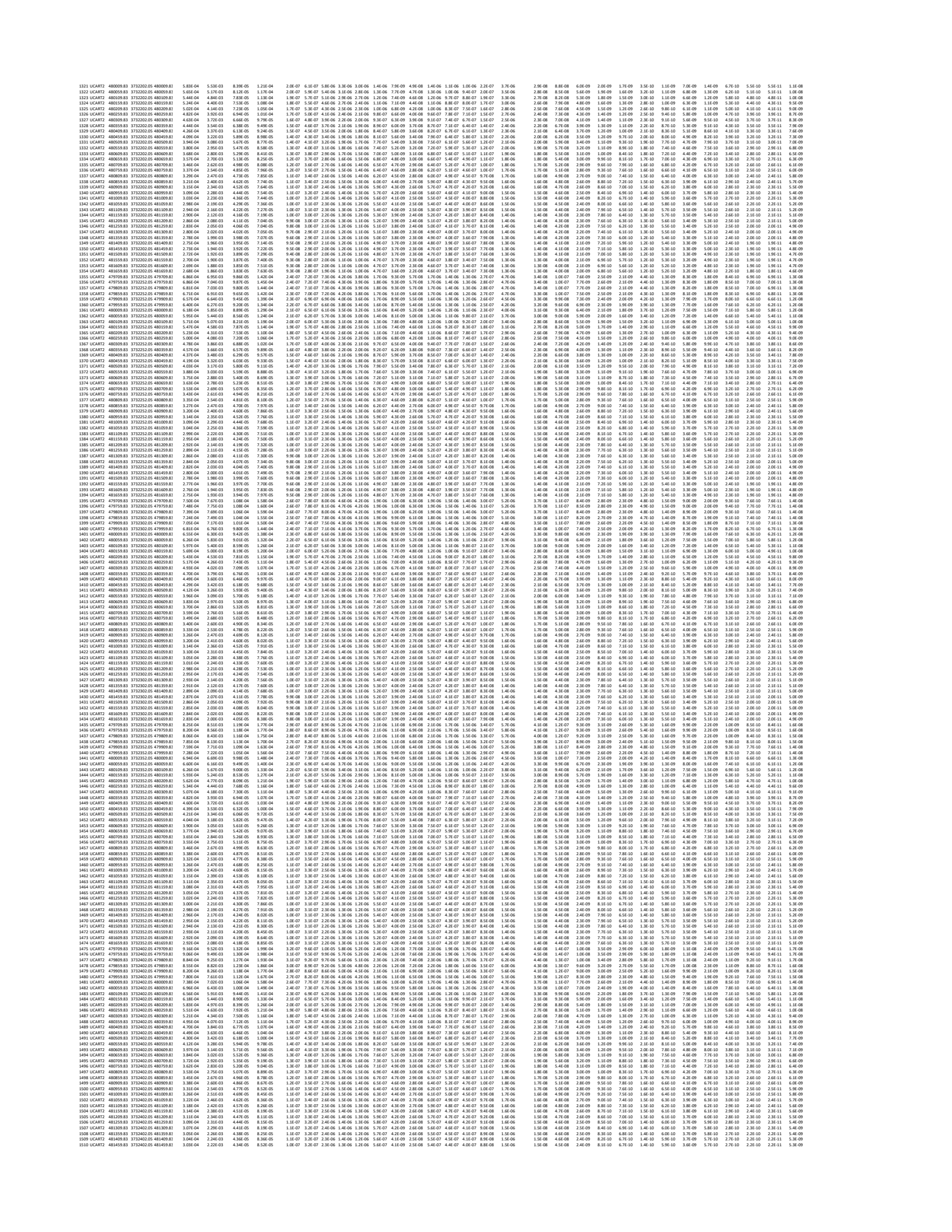


561	UCART4	482311.01	3732099.83	482311.01	2.39E-04	1.47E-03	3.41E-05	6.97E-05	8.3E-08	2.5E-07	1.5E-06	8.9E-07	8.1E-07	3.7E-07	3.3E-09	2.0E-08	3.6E-07	2.9E-07	2.7E-07	5.8E-08	1.0E-06	1.2E-08	3.6E-08	1.6E-09	5.4E-10	4.4E-10	9.2E-11	4.6E-10	2.9E-09	3.8E-10	1.8E-10	1.5E-10	1.5E-11	4.0E-09
562	UCART4	482361.01	3732099.83	482361.01	2.37E-04	1.44E-03	3.38E-05	6.81E-05	8.2E-08	2.5E-07	1.5E-06	8.7E-07	7.9E-07	3.6E-07	3.2E-09	2.0E-08	3.5E-07	2.9E-07	2.6E-07	5.7E-08	9.8E-07	1.2E-08	3.5E-08	1.6E-09	5.3E-10	4.3E-10	9.0E-11	4.6E-10	2.8E-09	3.7E-10	1.7E-10	1.4E-10	1.4E-11	4.0E-09
563	UCART4	482411.01	3732099.83	482411.01	2.35E-04	1.41E-03	3.35E-05	6.58E-05	8.1E-08	2.5E-07	1.5E-06	8.6E-07	7.8E-07	3.5E-07	3.2E-09	2.0E-08	3.5E-07	2.8E-07	2.6E-07	5.6E-08	9.6E-07	1.2E-08	3.5E-08	1.5E-09	5.2E-10	4.3E-10	8.9E-11	4.6E-10	2.8E-09	3.6E-10	1.7E-10	1.4E-10	1.4E-11	3.9E-09
564	UCART4	483711.01	3732149.83	483711.01	1.59E-04	1.78E-03	3.71E-05	7.39E-05	9.0E-08	2.7E-07	1.9E-06	1.1E-06	9.7E-07	4.4E-07	3.5E-09	2.2E-08	4.3E-07	3.5E-07	3.2E-07	7.0E-08	1.2E-06	1.3E-08	3.9E-08	1.9E-09	6.5E-10	5.3E-10	1.1E-10	5.0E-10	3.1E-09	4.5E-10	2.1E-10	1.8E-10	1.8E-11	4.5E-09
565	UCART4	481761.01	3732149.83	481761.01	2.58E-04	1.76E-03	3.69E-05	7.49E-05	8.9E-08	2.7E-07	1.8E-06	1.1E-06	9.6E-07	4.4E-07	3.5E-09	2.2E-08	4.3E-07	3.5E-07	3.2E-07	6.9E-08	1.2E-06	1.3E-08	3.9E-08	1.9E-09	6.4E-10	5.3E-10	1.1E-10	5.0E-10	3.1E-09	4.5E-10	2.1E-10	1.7E-10	1.7E-11	4.5E-09
566	UCART4	481811.01	3732149.83	481811.01	2.55E-04	1.74E-03	3.68E-05	7.51E-05	8.9E-08	2.7E-07	1.8E-06	1.1E-06	9.5E-07	4.4E-07	3.5E-09	2.2E-08	4.3E-07	3.5E-07	3.2E-07	6.9E-08	1.2E-06	1.3E-08	3.8E-08	1.9E-09	6.4E-10	5.2E-10	1.1E-10	5.0E-10	3.1E-09	4.4E-10	2.1E-10	1.7E-10	1.7E-11	4.4E-09
567	UCART4	481861.01	3732149.83	481861.01	2.57E-04	1.72E-03	3.67E-05	7.68E-05	8.9E-08	2.7E-07	1.8E-06	1.0E-06	9.4E-07	4.3E-07	3.5E-09	2.1E-08	4.2E-07	3.4E-07	3.1E-07	6.8E-08	1.2E-06	1.3E-08	3.8E-08	1.9E-09	6.3E-10	5.2E-10	1.1E-10	5.0E-10	3.1E-09	4.4E-10	2.1E-10	1.7E-10	1.7E-11	4.4E-09
568	UCART4	481911.01	3732149.83	481911.01	2.56E-04	1.70E-03	3.66E-05	7.75E-05	8.9E-08	2.7E-07	1.8E-06	1.0E-06	9.3E-07	4.3E-07	3.5E-09	2.1E-08	4.2E-07	3.4E-07	3.1E-07	6.7E-08	1.2E-06	1.3E-08	3.8E-08	1.9E-09	6.2E-10	5.1E-10	1.1E-10	5.0E-10	3.1E-09	4.4E-10	2.1E-10	1.7E-10	1.7E-11	4.4E-09
569	UCART4	481961.01	3732149.83	481961.01	2.55E-04	1.68E-03	3.64E-05	7.81E-05	8.8E-08	2.7E-07	1.8E-06	1.0E-06	9.2E-07	4.2E-07	3.5E-09	2.1E-08	4.1E-07	3.4E-07	3.0E-07	6.7E-08	1.1E-06	1.3E-08	3.8E-08	1.8E-09	6.2E-10	5.1E-10	1.1E-10	5.0E-10	3.1E-09	4.3E-10	2.0E-10	1.7E-10	1.7E-11	4.4E-09
570	UCART4	482011.01	3732149.83	482011.01	2.53E-04	1.66E-03	3.63E-05	7.71E-05	8.8E-08	2.6E-07	1.7E-06	1.0E-06	9.1E-07	4.2E-07	3.5E-09	2.1E-08	4.1E-07	3.4E-07	3.0E-07	6.6E-08	1.1E-06	1.3E-08	3.8E-08	1.8E-09	6.1E-10	5.0E-10	1.0E-10	4.9E-10	3.0E-09	4.3E-10	2.0E-10	1.7E-10	1.6E-11	4.3E-09
571	UCART4	482061.01	3732149.83	482061.01	2.53E-04	1.64E-03	3.62E-05	7.83E-05	8.8E-08	2.6E-07	1.7E-06	1.0E-06	9.0E-07	4.1E-07	3.4E-09	2.1E-08	4.0E-07	3.3E-07	3.0E-07	6.5E-08	1.1E-06	1.3E-08	3.8E-08	1.8E-09	6.0E-10	4.9E-10	1.0E-10	4.9E-10	3.0E-09	4.2E-10	2.0E-10	1.6E-10	1.6E-11	4.3E-09
572	UCART4	482111.01	3732149.83	482111.01	2.52E-04	1.62E-03	3.60E-05	7.83E-05	8.7E-08	2.6E-07	1.7E-06	9.8E-07	8.9E-07	4.1E-07	3.4E-09	2.1E-08	4.0E-07	3.2E-07	2.9E-07	6.4E-08	1.1E-06	1.2E-08	3.8E-08	1.8E-09	5.9E-10	4.9E-10	1.0E-10	4.9E-10	3.0E-09	4.2E-10	2.0E-10	1.6E-10	1.6E-11	4.3E-09
573	UCART4	482161.01	3732149.83	482161.01	2.51E-04	1.60E-03	3.58E-05	7.91E-05	8.7E-08	2.6E-07	1.7E-06	9.7E-07	8.8E-07	4.0E-07	3.4E-09	2.1E-08	3.9E-07	3.2E-07	2.9E-07	6.3E-08	1.1E-06	1.2E-08	3.8E-08	1.8E-09	5.9E-10	4.9E-10	1.0E-10	4.9E-10	3.0E-09	4.1E-10	1.9E-10	1.6E-10	1.6E-11	4.3E-09
574	UCART4	482211.01	3732149.83	482211.01	2.50E-04	1.58E-03	3.56E-05	7.60E-05	8.7E-08	2.6E-07	1.6E-06	9.5E-07	8.6E-07	3.9E-07	3.4E-09	2.1E-08	3.9E-07	3.1E-07	2.9E-07	6.2E-08	1.1E-06	1.2E-08	3.7E-08	1.7E-09	5.8E-10	4.7E-10	9.9E-11	4.8E-10	3.0E-09	4.0E-10	1.9E-10	1.6E-10	1.6E-11	4.2E-09
575	UCART4	482261.01	3732149.83	482261.01	2.49E-04	1.55E-03	3.54E-05	7.45E-05	8.6E-08	2.6E-07	1.6E-06	9.4E-07	8.5E-07	3.9E-07	3.4E-09	2.1E-08	3.8E-07	3.1E-07	2.8E-07	6.1E-08	1.1E-06	1.2E-08	3.7E-08	1.7E-09	5.7E-10	4.7E-10	9.7E-11	4.8E-10	3.0E-09	4.0E-10	1.9E-10	1.5E-10	1.5E-11	4.2E-09
576	UCART4	482311.01	3732149.83	482311.01	2.47E-04	1.52E-03	3.51E-05	7.32E-05	8.5E-08	2.6E-07	1.6E-06	9.2E-07	8.3E-07	3.8E-07	3.4E-09	2.1E-08	3.7E-07	3.0E-07	2.8E-07	6.0E-08	1.1E-06	1.2E-08	3.7E-08	1.7E-09	5.6E-10	4.6E-10	9.5E-11	4.8E-10	2.9E-09	3.9E-10	1.8E-10	1.5E-10	1.5E-11	4.2E-09
577	UCART4	482361.01	3732149.83	482361.01	2.45E-04	1.49E-03	3.48E-05	7.05E-05	8.5E-08	2.6E-07	1.6E-06	9.0E-07	8.2E-07	3.7E-07	3.3E-09	2.0E-08	3.7E-07	3.0E-07	2.7E-07	5.9E-08	1.0E-06	1.2E-08	3.6E-08	1.6E-09	5.5E-10	4.5E-10	9.3E-11	4.7E-10	2.9E-09	3.8E-10	1.8E-10	1.5E-10	1.5E-11	4.1E-09
578	UCART4	482411.01	3732149.83	482411.01	2.42E-04	1.46E-03	3.45E-05	6.85E-05	8.4E-08	2.5E-07	1.5E-06	8.8E-07	8.0E-07	3.7E-07	3.3E-09	2.0E-08	3.6E-07	2.9E-07	2.6E-07	5.8E-08	9.9E-07	1.2E-08	3.6E-08	1.6E-09	5.3E-10	4.4E-10	9.1E-11	4.7E-10	2.9E-09	3.7E-10	1.8E-10	1.4E-10	1.4E-11	4.0E-09
579	UCART4	483711.01	3732199.83	483711.01	1.58E-04	1.84E-03	3.81E-05	7.72E-05	9.1E-08	2.8E-07	1.9E-06	1.1E-06	1.0E-06	4.6E-07	3.6E-09	2.2E-08	4.5E-07	3.6E-07	3.3E-07	7.2E-08	1.2E-06	1.3E-08	4.0E-08	2.0E-09	6.7E-10	5.5E-10	1.1E-10	5.2E-10	3.2E-09	4.7E-10	2.2E-10	1.8E-10	1.8E-11	4.6E-09
580	UCART4	481761.01	3732199.83	481761.01	2.65E-04	1.82E-03	3.80E-05	7.84E-05	9.2E-08	2.8E-07	1.9E-06	1.1E-06	1.0E-06	4.6E-07	3.6E-09	2.2E-08	4.5E-07	3.6E-07	3.3E-07	7.2E-08	1.2E-06	1.3E-08	4.0E-08	2.0E-09	6.7E-10	5.5E-10	1.1E-10	5.2E-10	3.2E-09	4.7E-10	2.2E-10	1.8E-10	1.8E-11	4.6E-09
581	UCART4	481811.01	3732199.83	481811.01	2.65E-04	1.80E-03	3.78E-05	7.97E-05	9.2E-08	2.8E-07	1.9E-06	1.1E-06	9.9E-07	4.5E-07	3.6E-09	2.2E-08	4.4E-07	3.6E-07	3.3E-07	7.1E-08	1.2E-06	1.3E-08	4.0E-08	2.0E-09	6.6E-10	5.4E-10	1.1E-10	5.2E-10	3.2E-09	4.6E-10	2.2E-10	1.8E-10	1.8E-11	4.6E-09
582	UCART4	481861.01	3732199.83	481861.01	2.64E-04	1.78E-03	3.76E-05	8.10E-05	9.1E-08	2.8E-07	1.9E-06	1.1E-06	9.8E-07	4.4E-07	3.6E-09	2.2E-08	4.4E-07	3.5E-07	3.2E-07	7.0E-08	1.2E-06	1.3E-08	3.9E-08	1.9E-09	6.5E-10	5.3E-10	1.1E-10	5.1E-10	3.2E-09	4.6E-10	2.2E-10	1.8E-10	1.8E-11	4.5E-09
583	UCART4	481911.01	3732199.83	481911.01	2.64E-04	1.77E-03	3.76E-05	8.17E-05	9.1E-08	2.8E-07	1.9E-06	1.1E-06	9.7E-07	4.4E-07	3.6E-09	2.2E-08	4.3E-07	3.5E-07	3.2E-07	6.9E-08	1.2E-06	1.3E-08	3.9E-08	1.9E-09	6.5E-10	5.3E-10	1.1E-10	5.1E-10	3.2E-09	4.5E-10	2.1E-10	1.8E-10	1.7E-11	4.5E-09
584	UCART4	481961.01	3732199.83	481961.01	2.63E-04	1.75E-03	3.75E-05	8.24E-05	9.1E-08	2.7E-07	1.8E-06	1.1E-06	9.6E-07	4.4E-07	3.6E-09	2.2E-08	4.3E-07	3.5E-07	3.2E-07	6.9E-08	1.2E-06	1.3E-08	3.9E-08	1.9E-09	6.4E-10	5.3E-10	1.1E-10	5.1E-10	3.1E-09	4.5E-10	2.1E-10	1.7E-10	1.7E-11	4.5E-09
585	UCART4	482011.01	3732199.83	482011.01	2.62E-04	1.73E-03	3.74E-05	8.24E-05	9.1E-08	2.7E-07	1.8E-06	1.0E-06	9.5E-07	4.3E-07	3.6E-09	2.2E-08	4.2E-07	3.5E-07	3.1E-07	6.8E-08	1.2E-06	1.3E-08	3.9E-08	1.9E-09	6.3E-10	5.2E-10	1.1E-10	5.1E-10	3.1E-09	4.4E-10	2.1E-10	1.7E-10	1.7E-11	4.5E-09
586	UCART4	482061.01	3732199.83	482061.01	2.62E-04	1.71E-03	3.73E-05	8.26E-05	9.0E-08	2.7E-07	1.8E-06	1.0E-06	9.4E-07	4.3E-07	3.6E-09	2.2E-08	4.2E-07	3.4E-07	3.1E-07	6.8E-08	1.2E-06	1.3E-08	3.9E-08	1.9E-09	6.3E-10	5.2E-10	1.1E-10	5.1E-10	3.1E-09	4.4E-10	2.1E-10	1.7E-10	1.7E-11	4.4E-09
587	UCART4	482111.01	3732199.83	482111.01	2.61E-04	1.69E-03	3.72E-05	8.26E-05	9.0E-08	2.7E-07	1.8E-06	1.0E-06	9.2E-07	4.2E-07	3.5E-09	2.2E-08	4.1E-07	3.4E-07	3.1E-07	6.7E-08	1.1E-06	1.3E-08	3.9E-08	1.8E-09	6.2E-10	5.1E-10	1.1E-10	5.1E-10	3.1E-09	4.3E-10	2.0E-10	1.7E-10	1.7E-11	4.4E-09
588	UCART4	482161.01	3732199.83	482161.01	2.60E-04	1.66E-03	3.70E-05	8.20E-05	9.0E-08	2.7E-07	1.7E-06	1.0E-06	9.1E-07	4.2E-07	3.5E-09	2.2E-08	4.1E-07	3.3E-07	3.0E-07	6.6E-08	1.1E-06	1.3E-08	3.9E-08	1.8E-09	6.1E-10	5.0E-10	1.0E-10	5.0E-10	3.1E-09	4.2E-10	2.0E-10	1.6E-10	1.6E-11	4.4E-09
589	UCART4	482211.01	3732199.83	482211.01	2.59E-04	1.64E-03	3.68E-05	8.10E-05	8.9E-08	2.7E-07	1.7E-06	1.0E-06	9.0E-07	4.1E-07	3.5E-09	2.2E-08	4.0E-07	3.3E-07	3.0E-07	6.5E-08	1.1E-06	1.3E-08	3.8E-08	1.8E-09	6.0E-10	4.9E-10	1.0E-10	5.0E-10	3.1E-09	4.2E-10	2.0E-10	1.6E-10	1.6E-11	4.4E-09
590	UCART4	482261.01	3732199.83	482261.01	2.57E-04	1.61E-03	3.65E-05	7.89E-05	8.9E-08	2.7E-07	1.7E-06	9.7E-07	8.8E-07	4.0E-07	3.5E-09	2.1E-08	3.9E-07	3.2E-07	2.9E-07	6.3E-08	1.1E-06	1.3E-08	3.8E-08	1.8E-09	5.9E-10	4.8E-10	1.0E-10	5.0E-10	3.1E-09	4.1E-10	1.9E-10	1.6E-10	1.6E-11	4.3E-09
591	UCART4	482311.01	3732199.83	482311.01	2.55E-04	1.58E-03	3.63E-05	7.62E-05	8.8E-08	2.7E-07	1.6E-06	9.5E-07	8.6E-07	3.9E-07	3.5E-09	2.1E-08	3.9E-07	3.1E-07	2.9E-07	6.2E-08	1.1E-06	1.3E-08	3.8E-08	1.7E-09	5.8E-10	4.7E-10	9.9E-11	4.9E-10	3.0E-09	4.0E-10	1.9E-10	1.6E-10	1.6E-11	4.3E-09
592	UCART4	482361.01	3732199.83	482361.01	2.52E-04	1.54E-03	3.56E-05	7.42E-05	8.7E-08	2.6E-07	1.6E-06	9.3E-07	8.3E-07	3.9E-07	3.4E-09	2.1E-08	3.8E-07	3.1E-07	2.8E-07	6.1E-08	1.1E-06	1.2E-08	3.8E-08	1.7E-09	5.7E-10	4.6E-10	9.7E-11	4.9E-10	3.0E-09	3.9E-10	1.8E-10	1.5E-10	1.5E-11	4.2E-09
593	UCART4	482411.01	3732249.83	482411.01	2.50E-04	1.51E-03	3.55E-05	7.15E-05	8.6E-08	2.6E-07	1.6E-06	9.1E-07	8.3E-07	3.8E-07	3.4E-09	2.1E-08	3.7E-07	3.0E-07	2.8E-07	6.0E-08	1.0E-06	1.2E-08	3.7E-08	1.6E-09	5.5E-10	4.5E-10	9.5E-11	4.8E-10	3.0E-09	3.9E-10	1.8E-10	1.5E-10	1.5E-11	4.2E-09
594	UCART4	481711.01	3732249.83	481711.01	2.74E-04	1.91E-03	3.92E-05	8.14E-05	9.5E-08	2.9E-07	2.0E-06	1.2E-06	1.0E-06	4.8E-07	3.7E-09	2.3E-08	4.7E-07	3.8E-07	3.5E-07	7.5E-08	1.3E-06	1.4E-08	4.1E-08	2.1E-09	7.0E-10	5.7E-10	1.2E-10	5.3E-10	3.3E-09	4.9E-10	2.3E-10	1.9E-10	1.9E-11	4.7E-09
595	UCART4	481761.01	3732249.83	481761.01	2.73E-04	1.89E-03	3.91E-05	8.21E-05	9.5E-08	2.9E-07	2.0E-06	1.2E-06	1.0E-06	4.8E-07	3.7E-09	2.3E-08	4.6E-07	3.8E-07	3.4E-07	7.4E-08	1.3E-06	1.4E-08	4.1E-08	2.0E-09	6.9E-10	5.6E-10	1.2E-10	5.3E-10	3.3E-09	4.8E-10	2.2E-10	1.8E-10	1.8E-11	4.7E-09
596	UCART4	481811.01	3732249.83	481811.01	2.73E-04	1.87E-03	3.90E-05	8.42E-05	9.4E-08	2.9E-07	2.0E-06	1.1E-06	1.0E-06	4.7E-07	3.7E-09	2.3E-08	4.6E-07	3.7E-07	3.4E-07	7.4E-08	1.3E-06	1.3E-08	4.1E-08	2.0E-09	6.9E-10	5.6E-10	1.2E-10	5.3E-10	3.3E-09	4.8E-10	2.2E-10	1.9E-10	1.9E-11	4.7E-09
597	UCART4	481861.01	3732249.83	481861.01	2.72E-04	1.86E-03	3.89E-05	8.50E-05	9.4E-08	2.8E-07	1.9E-06	1.1E-06	1.0E-06	4.6E-07	3.7E-09	2.3E-08	4.5E-07	3.7E-07	3.4E-07	7.3E-08	1.3E-06	1.3E-08	4.1E-08	2.0E-09	6.8E-10	5.6E-10	1.2E-10	5.3E-10	3.3E-09	4.7E-10	2.2E-10	1.8E-10	1.8E-11	4.7E-09
598	UCART4	481911.01	3732249.83	481911.01	2.72E-04	1.84E-03	3.88E-05	8.56E-05	9.4E-08	2.8E-07	1.9E-06	1.1E-06	1.0E-06	4.6E-07	3.7E-09	2.3E-08	4.5E-07	3.7E-07	3.4E-07	7.3E-08	1.3E-06	1.3E-08	4.1E-08	2.0E-09	6.8E-10	5.6E-10	1.2E-10	5.3E-10	3.3E-09	4.7E-10	2.2E-10	1.8E-10	1.8E-11	4.7E-09
599	UCART4	481961.01	3732249.83	481961.01	2.72E-04	1.82E-03	3.88E-05	8.85E-05	9.4E-08	2.8E-07	1.9E-06	1.1E-06	1.0E-06	4.6E-07	3.7E-09	2.3E-08	4.5E-07	3.6E-07	3.3E-07	7.2E-08	1.2E-06	1.3E-08	4.1E-08	2.0E-09	6.7E-10	5.5E-10	1.1E-10	5.3E-10	3.2E-09	4.7E-10	2.2E-10	1.8E-10	1.8E-11	4.7E-09
600	UCART4	482011.01	3732249.83	482011.01	2.71E-04	1.80E-03	3.87E-05	8.86E-05	9.4E-08	2.8E-07	1.9E-06	1.1E-06	9.9E-07	4.5E-07	3.7E-09	2.3E-08	4.4E-07	3.6E-07	3.3E-07	7.1E-08	1.2E-06	1.3E-08	4.0E-08	2.0E-09	6.6E-10	5.4E-10	1.1E-10	5.3E-10	3.2E-09	4.6E-10	2.2E-10	1.8E-10	1.8E-11	4.6E-09
601	UCART4	482061.01	3732249.83	482061.01	2.70E-04	1.78E-03	3.86E-05	8.76E-05	9.4E-08	2.8E-07	1.9E-06	1.1E-06	9.8E-07	4.4E-07	3.7E-09	2.3E-08	4.3E-07	3.5E-07	3.2E-07	7.0E-08	1.2E-06	1.3E-08	4.0E-08	1.9E-09	6.5E-10	5.3E-10	1.1E-10	5.2E-10	3.2E-09	4.5E-10	2.2E-10	1.8E-10	1.8E-11	4.6E-09
602	UCART4	482111.01	3732249.83	482111.01	2.70E-04	1.75E-03	3.84E-05	8.68E-05	9.3E-08	2.8E-07	1.8E-06	1.1E-06	9.6E-07	4.4E-07	3.7E-09	2.3E-08	4.3E-07	3.5E-07	3.2E-07	6.9E-08	1.2E-06	1.3E-08	4.0E-08	1.9E-09	6.4E-10	5.3E-10	1.1E-10	5.2E-10	3.2E-09	4.5E-10	2.1E-10	1.7E-10	1.7E-11	4.6E-09
603	UCART4	482161.01	3732249.83	482161.01	2.69E-04	1.73E-03	3.83E-05	8.68E-05	9.3E-08	2.8E-07	1.8E-06	1.0E-06	9.5E-07	4.3E-07	3.7E-09	2.2E-08	4.2E-07	3.4E-07	3.1E-07	6.8E-08	1.2E-06	1.3E-08	4.0E-08	1.9E-09	6.3E-10	5.2E-10	1.1E-10	5.2E-10	3.2E-09	4.4E-10	2.1E-10	1.7E-10	1.7E-11	4.6E-09
604	UCART4	482211.01	3732249.83	482211.01	2.67E-04	1.70E-03	3.80E-05	8.54E-05	9.2E-08	2.8E-07	1.8E-06	1.0E-06	9.3E-07	4.3E-07	3.6E-09	2.2E-08	4.2E-07	3.4E-07	3.1E-07	6.7E-08	1.2E-06	1.3E-08	4.0E-08	1.9E-09	6.2E-10	5.1E-10	1.1E-10	5.2E-10	3.2E-09	4.3E-10	2.1E-10	1.7E-10	1.7E-11	4.5E-09
605	UCART4	482261.01	3732249.83	482261.01	2.65E-04	1.67E-03	3.78E-05	8.41E-05	9.1E-08	2.7E-07	1.7E-06	1.0E-06	9.2E-07	4.2E-07	3.6E-09	2.2E-08	4.1E-07	3.3E-07	3.0E-07	6.6E-08	1.1E-06	1.3E-08	3.9E-08	1.8E-09	6.1E-10	5.0E-10	1.0E-10	5.1E-10	3.2E-09	4.2E-10	2.0E-10	1.7E-10	1.7E-11	4.4E-09
606	UCART4	482311.01	3732249.83	482311.01	2.63E-04	1.64E-03	3.75E-05	8.03E-05	9.1E-08	2.8E-07	1.7E-06	9.9E-07	9.0E-07	4.1E-07	3.6E-09	2.2E-08	4.0E-07	3.3E-07	3.0E-07	6.5E-08	1.1E-06	1.3E-08	3.9E-08	1.8E-09	6.0E-10	4.9E-10	1.0E-10	5.1E-10	3.1E-09	4.2E-10	2.0E-10	1.6E-10	1.6E-11	4.4E-09
607	UCART4	482361.01	3732249.83	482361.01	2.61E-04	1.60E-03	3.71E-05	7.78E-05	9.0E-08	2.7E-07	1.7E-06	9.7E-07	8.8E-07	4.0E-07	3.5E-09	2.2E-08	3.9E-07	3.2E-07	2.9E-07	6.3E-08	1.1E-06	1.3E-08	3.9E-08	1.7E-09	5.9E-10	4.8E-10	1.0E-10	5.0E-10	3.1E-09	4.1E-10	1.9E-10	1.6E-10	1.6E-11	4.4E-09
608	UCART4	482411.01	3732249.83	482411.01	2.58E-04	1.56E-03	3.66E-05	7.57E-05	8.9E-08	2.7E-07	1.6E-06	9.5E-07	8.6E-07	3.9E-07	3.4E-09	2.1E-08	3.8E-07	3.1E-07	2.8E-07	6.1E-08	1.1E-06	1.3E-08	3.8E-08	1.7E-09	5.8E-10	4.7E-10	9.8E-11	5.0E-10	3.1E-09	4.0E-10	1.9E-10	1.6E-10	1.6E-11	4.4E-09
609	UCART4	481711.01	3732299.83	481711.01	2.82E-04	1.98E-03	4.04E-05	8.53E-05	9.8E-08	3.0E-07	2.1E-06	1.2E-06	1.1E-06	5.0E-07	3.8E-09	2.4E-08	4.8E-07	4.0E-07	3.6E-07	7.8E-08	1.3E-06	1.4E-08	4.2E-08	2.2E-09	7.2E-10	6.0E-10	1.2E-10	5.5E-10	3.4E-09	5.1E-10	2.4E-10	2.0E-10	2.0E-11	4.9E-09
610	UCART4	481761.01	3732299.83	481761.01	2.82E-04	1.96E-03	4.03E-05	8.71E-05	9.8E-08	2.9E-07	2.1E-06	1.2E-06	1.1E-06	4.9E-07	3.8E-09	2.4E-08	4.8E-07	3.9E-07	3.6E-07	7.8E-08	1.3E-06	1.4E-08	4.2E-08	2.1E-09	7.2E-10	5.9E-10	1.2E-10	5.5E-10	3.4E-09	5.0E-10	2.4E-10	2.0E-10	1.9E-11	4.9E-09
611	UCART4	481811.01	3732299.83	481811.01	2.82E-04	1.94E-03	4.03E-05	8.68E-05	9.8E-08	2.9E-07	2.1E-06	1.2E-06	1.1E-06	4.9E-07	3.8E-09	2.4E-08	4.8E-07	3.9E-07	3.6E-07	7.8E-08	1.3E-06	1.4E-08	4.2E-08	2.1E-09	7.2E-10	5.9E-10	1.2E-10	5.5E-10	3.4E-09	5.0E-10	2.4E-10	2.0E-10	1.9E-11	4.9E-09
612	UCART4	481861.01	3732299.83	481861.01	2.82E-04	1.93E-03	4.02E-05	9.03E-05	9.7E-08	2.9E-07	2.0E-06	1.2E-06	1.1E-06	4.8E-07	3.8E-09	2.4E-08	4.7E-07	3.9E-07	3.5E-07	7.6E-08	1.3E-06	1.4E-08	4.2E-08	2.1E-09	7.1E-10	5.8E-10	1.2E-10	5.5E-10	3.4E-09	4.9E-10	2.3E-10	1.9E-10	1.9E-11	4.9E-09
613	UCART4	481911.01	3732299.83	481911.01	2.81E-04	1.91E-03	4.02E-05	9.15E-05	9.7E-08	2



941	UCART8	479378	3732475.27	479378,	3	8.95E-04	7.68E-03	1.29E-04	1.40E-04	3.1E-07	9.4E-07	8.0E-06	4.6E-06	4.2E-06	1.9E-06	1.2E-08	7.5E-08	1.9E-06	1.5E-06	1.4E-06	3.0E-07	5.2E-06	4.5E-08	1.3E-07	8.4E-09	2.8E-09	2.3E-09	4.8E-10	1.8E-09	1.1E-08	2.0E-09	9.3E-10	7.6E-10	7.6E-11	1.6E-08
942	UCART8	479428	3732475.27	479428,	3	9.63E-04	8.74E-03	1.38E-04	1.63E-04	3.3E-07	1.0E-06	9.1E-06	5.3E-06	4.8E-06	2.2E-06	1.3E-08	8.1E-08	2.1E-06	1.7E-06	1.6E-06	3.5E-07	5.9E-06	4.8E-08	1.4E-07	9.5E-09	3.2E-09	2.6E-09	5.5E-10	1.9E-09	1.2E-08	2.2E-09	1.1E-09	8.7E-10	8.6E-11	1.8E-08
943	UCART8	479478	3732475.27	479478,	3	1.01E-03	9.38E-03	1.45E-04	1.85E-04	3.5E-07	1.1E-06	9.8E-06	5.7E-06	5.1E-06	2.3E-06	1.4E-08	8.4E-08	2.3E-06	1.9E-06	1.7E-06	3.7E-07	6.3E-06	5.0E-08	1.5E-07	1.0E-08	3.4E-09	2.8E-09	5.9E-10	2.0E-09	1.2E-08	2.4E-09	1.1E-09	9.3E-10	9.3E-11	1.9E-08
944	UCART8	479528	3732475.27	479528,	3	1.05E-03	1.00E-02	1.51E-04	2.05E-04	3.6E-07	1.1E-06	1.0E-05	5.9E-06	5.3E-06	2.5E-06	1.4E-08	8.8E-08	2.5E-06	2.0E-06	1.8E-06	4.0E-07	6.8E-06	5.2E-08	1.6E-07	1.1E-08	3.7E-09	3.0E-09	6.3E-10	2.1E-09	1.3E-08	2.6E-09	1.2E-09	1.0E-09	9.9E-11	2.0E-08
945	UCART8	479578	3732475.27	479578,	3	1.07E-03	1.06E-02	1.55E-04	2.22E-04	3.7E-07	1.1E-06	1.1E-05	6.4E-06	5.8E-06	2.7E-06	1.5E-08	9.0E-08	2.6E-06	2.1E-06	1.9E-06	4.2E-07	7.1E-06	5.4E-08	1.6E-07	1.2E-08	3.9E-09	3.2E-09	6.6E-10	2.1E-09	1.3E-08	2.7E-09	1.3E-09	1.1E-09	1.0E-10	2.0E-08
946	UCART8	479628	3732475.27	479628,	3	1.09E-03	1.13E-02	1.57E-04	2.33E-04	3.8E-07	1.1E-06	1.2E-05	6.7E-06	6.0E-06	2.8E-06	1.5E-08	9.1E-08	2.7E-06	2.2E-06	2.0E-06	4.4E-07	7.4E-06	5.4E-08	1.6E-07	1.2E-08	4.0E-09	3.3E-09	6.9E-10	2.1E-09	1.3E-08	2.8E-09	1.3E-09	1.1E-09	1.1E-10	2.1E-08
947	UCART8	479678	3732475.27	479678,	3	1.09E-03	1.13E-02	1.57E-04	2.39E-04	3.8E-07	1.1E-06	1.2E-05	6.8E-06	6.2E-06	2.8E-06	1.5E-08	9.1E-08	2.8E-06	2.3E-06	2.0E-06	4.5E-07	7.6E-06	5.4E-08	1.6E-07	1.2E-08	4.1E-09	3.4E-09	7.1E-10	2.1E-09	1.3E-08	2.9E-09	1.4E-09	1.1E-09	1.1E-10	2.1E-08
948	UCART8	479378	3732525.27	479378,	3	1.02E-03	8.74E-03	1.47E-04	1.57E-04	3.5E-07	1.1E-06	9.1E-06	5.3E-06	4.8E-06	2.2E-06	1.4E-08	8.5E-08	2.1E-06	1.7E-06	1.6E-06	3.5E-07	5.9E-06	5.1E-08	1.5E-07	9.5E-09	3.2E-09	2.6E-09	5.5E-10	2.0E-09	1.2E-08	2.2E-09	1.1E-09	8.7E-10	8.6E-11	1.9E-08
949	UCART8	479428	3732525.27	479428,	3	1.10E-03	1.00E-02	1.59E-04	1.86E-04	3.8E-07	1.2E-06	1.0E-05	6.1E-06	5.5E-06	2.5E-06	1.5E-08	9.2E-08	2.4E-06	2.0E-06	1.8E-06	4.0E-07	6.8E-06	5.5E-08	1.7E-07	1.1E-08	3.7E-09	3.0E-09	6.3E-10	2.2E-09	1.3E-08	2.6E-09	1.2E-09	9.9E-10	9.9E-11	2.0E-08
950	UCART8	479478	3732525.27	479478,	3	1.14E-03	1.13E-02	1.67E-04	2.08E-04	4.0E-07	1.2E-06	1.1E-05	6.5E-06	5.9E-06	2.7E-06	1.6E-08	9.6E-08	2.6E-06	2.2E-06	1.9E-06	4.2E-07	7.3E-06	5.8E-08	1.7E-07	1.2E-08	4.0E-09	3.2E-09	6.7E-10	2.3E-09	1.4E-08	2.7E-09	1.3E-09	1.1E-09	1.1E-10	2.1E-08
951	UCART8	479528	3732525.27	479528,	3	1.21E-03	1.16E-02	1.74E-04	2.38E-04	4.2E-07	1.3E-06	1.2E-05	7.0E-06	6.4E-06	2.9E-06	1.6E-08	1.0E-07	2.8E-06	2.3E-06	2.1E-06	4.6E-07	7.8E-06	6.0E-08	1.8E-07	1.3E-08	4.3E-09	3.5E-09	7.3E-10	2.4E-09	1.5E-08	3.0E-09	1.4E-09	1.2E-09	1.1E-10	2.3E-08
952	UCART8	479578	3732525.27	479578,	3	1.24E-03	1.22E-02	1.78E-04	2.57E-04	4.3E-07	1.3E-06	1.3E-05	7.4E-06	6.7E-06	3.1E-06	1.7E-08	1.0E-07	3.0E-06	2.4E-06	2.2E-06	4.8E-07	8.2E-06	6.2E-08	1.9E-07	1.3E-08	4.5E-09	3.7E-09	7.7E-10	2.4E-09	1.5E-08	3.1E-09	1.5E-09	1.2E-09	1.2E-10	2.3E-08
953	UCART8	479628	3732525.27	479628,	3	1.25E-03	1.29E-02	1.80E-04	2.69E-04	4.3E-07	1.3E-06	1.3E-05	7.6E-06	6.9E-06	3.1E-06	1.7E-08	1.0E-07	3.0E-06	2.5E-06	2.2E-06	4.9E-07	8.4E-06	6.2E-08	1.9E-07	1.3E-08	4.6E-09	3.8E-09	7.9E-10	2.4E-09	1.5E-08	3.1E-09	1.5E-09	1.2E-09	1.2E-10	2.4E-08
954	UCART8	479678	3732525.27	479678,	3	1.26E-03	1.29E-02	1.81E-04	2.75E-04	4.4E-07	1.3E-06	1.4E-05	7.8E-06	7.1E-06	3.2E-06	1.7E-08	1.1E-07	3.2E-06	2.6E-06	2.3E-06	5.1E-07	8.7E-06	6.3E-08	1.9E-07	1.4E-08	4.7E-09	3.9E-09	8.1E-10	2.5E-09	1.5E-08	3.3E-09	1.6E-09	1.3E-09	1.3E-10	2.4E-08
955	UCART8	479728	3732525.27	479728,	3	1.18E-03	1.00E-02	1.70E-04	1.78E-04	4.1E-07	1.2E-06	1.0E-05	6.1E-06	5.5E-06	2.5E-06	1.6E-08	9.9E-08	2.5E-06	2.0E-06	1.8E-06	4.0E-07	6.8E-06	5.9E-08	1.8E-07	1.1E-08	3.7E-09	3.0E-09	6.3E-10	2.3E-09	1.4E-08	2.6E-09	1.2E-09	1.0E-09	9.9E-11	2.1E-08
956	UCART8	479778	3732525.27	479778,	3	1.22E-03	1.16E-02	1.85E-04	2.12E-04	4.5E-07	1.3E-06	1.2E-05	7.0E-06	6.3E-06	2.9E-06	1.6E-08	1.0E-07	2.8E-06	2.3E-06	2.1E-06	4.6E-07	7.8E-06	6.4E-08	1.9E-07	1.3E-08	4.2E-09	3.5E-09	7.3E-10	2.5E-09	1.5E-08	3.0E-09	1.4E-09	1.1E-09	1.1E-10	2.2E-08
957	UCART8	479378	3732575.27	479378,	3	1.37E-03	1.27E-02	1.97E-04	2.47E-04	4.7E-07	1.4E-06	1.3E-05	7.7E-06	7.0E-06	3.2E-06	1.9E-08	1.1E-07	3.1E-06	2.5E-06	2.3E-06	5.0E-07	8.6E-06	6.8E-08	2.1E-07	1.4E-08	4.7E-09	3.8E-09	8.0E-10	2.7E-09	1.7E-08	3.3E-09	1.5E-09	1.3E-09	1.3E-10	2.5E-08
958	UCART8	479428	3732575.27	479428,	3	1.43E-03	1.37E-02	2.05E-04	2.80E-04	4.9E-07	1.5E-06	1.4E-05	8.3E-06	7.5E-06	3.4E-06	1.9E-08	1.2E-07	3.3E-06	2.7E-06	2.5E-06	5.4E-07	9.2E-06	7.1E-08	2.1E-07	1.5E-08	5.0E-09	4.1E-09	8.6E-10	2.8E-09	1.7E-08	3.5E-09	1.6E-09	1.4E-09	1.3E-10	2.7E-08
959	UCART8	479478	3732575.27	479478,	3	1.48E-03	1.43E-02	2.09E-04	3.01E-04	5.0E-07	1.5E-06	1.5E-05	8.7E-06	7.9E-06	3.5E-06	2.0E-06	1.2E-07	3.5E-06	2.8E-06	2.6E-06	5.6E-07	9.6E-06	7.2E-08	2.1E-07	1.5E-08	5.2E-09	4.3E-09	9.0E-10	2.8E-09	1.8E-08	3.7E-09	1.7E-09	1.4E-09	1.4E-10	2.7E-08
960	UCART8	479628	3732575.27	479628,	3	1.47E-03	1.49E-02	2.11E-04	3.15E-04	5.1E-07	1.5E-06	1.6E-05	9.0E-06	8.2E-06	3.7E-06	2.0E-06	1.2E-07	3.6E-06	3.0E-06	2.7E-06	5.9E-07	1.0E-05	7.3E-08	2.2E-07	1.5E-08	5.5E-09	4.5E-09	9.3E-10	2.9E-09	1.8E-08	3.8E-09	1.8E-09	1.5E-09	1.5E-10	2.8E-08
961	UCART8	479678	3732575.27	479678,	3	1.45E-03	1.49E-02	2.09E-04	3.17E-04	5.0E-07	1.5E-06	1.6E-05	9.0E-06	8.2E-06	3.7E-06	2.0E-06	1.2E-07	3.6E-06	3.0E-06	2.7E-06	5.9E-07	1.0E-05	7.2E-08	2.2E-07	1.4E-08	5.5E-09	4.5E-09	9.3E-10	2.8E-09	1.8E-08	3.8E-09	1.8E-09	1.5E-09	1.5E-10	2.8E-08
962	UCART8	479728	3732575.27	479728,	3	1.40E-03	1.27E-02	2.00E-04	2.69E-04	4.9E-07	1.5E-06	1.3E-05	7.5E-06	6.9E-06	3.0E-06	1.9E-08	1.1E-07	3.1E-06	2.5E-06	2.3E-06	5.1E-07	8.7E-06	6.9E-08	2.1E-07	1.4E-08	5.2E-09	4.2E-09	8.7E-10	2.7E-09	1.7E-08	3.5E-09	1.6E-09	1.4E-09	1.4E-10	2.7E-08
963	UCART8	479778	3732625.27	479778,	3	1.54E-03	1.38E-02	2.22E-04	2.46E-04	5.3E-07	1.5E-06	1.4E-05	8.3E-06	7.5E-06	3.4E-06	2.1E-06	1.3E-07	3.4E-06	2.7E-06	2.5E-06	5.4E-07	9.3E-06	7.7E-08	2.3E-07	1.5E-08	5.0E-09	4.1E-09	8.6E-10	3.0E-09	1.9E-08	3.5E-09	1.7E-09	1.4E-09	1.4E-10	2.8E-08
964	UCART8	479778	3732625.27	479778,	3	1.65E-03	1.52E-02	2.38E-04	2.91E-04	5.7E-07	1.7E-06	1.6E-05	9.2E-06	8.4E-06	3.8E-06	2.2E-06	1.4E-07	3.7E-06	3.0E-06	2.8E-06	6.0E-07	1.0E-05	8.7E-08	2.5E-07	1.7E-08	5.6E-09	4.6E-09	9.5E-10	3.2E-09	2.0E-08	3.9E-09	1.8E-09	1.5E-09	1.5E-10	3.1E-08
965	UCART8	479828	3732625.27	479828,	3	1.73E-03	1.64E-02	2.48E-04	3.31E-04	6.0E-07	1.8E-06	1.7E-05	9.9E-06	9.0E-06	4.1E-06	2.3E-06	1.4E-07	4.0E-06	3.3E-06	3.0E-06	6.5E-07	1.1E-05	8.6E-08	2.6E-07	1.8E-08	6.0E-09	4.9E-09	1.0E-09	3.4E-09	2.1E-08	4.2E-09	2.0E-09	1.6E-09	1.6E-10	3.2E-08
966	UCART8	479878	3732625.27	479878,	3	1.75E-03	1.76E-02	2.52E-04	3.70E-04	6.1E-07	1.8E-06	1.8E-05	1.0E-05	9.4E-06	4.2E-06	2.4E-06	1.5E-07	4.2E-06	3.4E-06	3.1E-06	6.8E-07	1.2E-05	8.7E-08	2.6E-07	1.8E-08	6.2E-09	5.0E-09	1.0E-09	3.4E-09	2.1E-08	4.4E-09	2.1E-09	1.7E-09	1.7E-10	3.3E-08
967	UCART8	479628	3732625.27	479628,	3	1.75E-03	1.76E-02	2.52E-04	3.70E-04	6.1E-07	1.8E-06	1.8E-05	1.1E-05	9.6E-06	4.4E-06	2.4E-06	1.5E-07	4.3E-06	3.5E-06	3.2E-06	6.9E-07	1.2E-05	8.7E-08	2.6E-07	1.9E-08	6.4E-09	5.3E-09	1.1E-09	3.4E-09	2.1E-08	4.5E-09	2.1E-09	1.7E-09	1.7E-10	3.3E-08
968	UCART8	479678	3732625.27	479678,	3	1.71E-03	1.72E-02	2.46E-04	3.64E-04	5.9E-07	1.8E-06	1.8E-05	1.0E-05	9.5E-06	4.3E-06	2.3E-06	1.4E-07	4.2E-06	3.4E-06	3.1E-06	6.8E-07	1.2E-05	8.5E-08	2.6E-07	1.9E-08	6.3E-09	5.2E-09	1.1E-09	3.3E-09	2.1E-08	4.4E-09	2.1E-09	1.7E-09	1.7E-10	3.2E-08
969	UCART8	479728	3732625.27	479728,	3	1.72E-03	1.64E-02	2.47E-04	3.65E-04	6.0E-07	1.8E-06	1.8E-05	1.0E-05	9.5E-06	4.3E-06	2.3E-06	1.4E-07	4.2E-06	3.4E-06	3.1E-06	6.8E-07	1.2E-05	8.6E-08	2.6E-07	1.9E-08	6.4E-09	5.2E-09	1.1E-09	3.4E-09	2.1E-08	4.4E-09	2.1E-09	1.7E-09	1.7E-10	3.2E-08
970	UCART8	479428	3732675.27	479428,	3	1.91E-03	1.68E-02	2.75E-04	2.87E-04	6.6E-07	2.0E-06	1.8E-05	1.1E-05	9.2E-06	4.2E-06	2.6E-06	1.6E-07	4.1E-06	3.4E-06	3.0E-06	6.6E-07	1.1E-05	9.5E-08	2.9E-07	1.8E-08	6.2E-09	5.1E-09	1.1E-09	3.7E-09	2.3E-08	4.3E-09	2.0E-09	1.7E-09	1.7E-10	3.5E-08
971	UCART8	479478	3732675.27	479478,	3	2.06E-03	1.87E-02	2.97E-04	3.45E-04	7.1E-07	2.2E-06	2.0E-05	1.1E-05	1.0E-05	4.7E-06	2.8E-06	1.7E-07	4.6E-06	3.7E-06	3.4E-06	7.4E-07	1.3E-05	1.0E-07	3.1E-07	2.0E-08	6.8E-09	5.6E-09	1.2E-09	4.0E-09	2.5E-08	4.8E-09	2.3E-09	1.9E-09	1.8E-10	3.8E-08
972	UCART8	479528	3732675.27	479528,	3	2.13E-03	2.00E-02	3.05E-04	3.95E-04	7.4E-07	2.2E-06	2.1E-05	1.2E-05	1.1E-05	5.0E-06	2.9E-06	1.8E-07	4.8E-06	3.9E-06	3.6E-06	7.9E-07	1.4E-05	1.1E-07	3.2E-07	2.2E-08	7.2E-09	6.0E-09	1.2E-09	4.2E-09	2.6E-08	5.1E-09	2.4E-09	2.0E-09	2.0E-10	4.0E-08
973	UCART8	479578	3732675.27	479578,	3	2.15E-03	2.08E-02	3.10E-04	4.25E-04	7.4E-07	2.2E-06	2.2E-05	1.3E-05	1.2E-05	5.2E-06	2.9E-06	1.8E-07	5.1E-06	4.2E-06	3.8E-06	8.2E-07	1.4E-05	1.1E-07	3.2E-07	2.3E-08	7.6E-09	6.3E-09	1.3E-09	4.2E-09	2.6E-08	5.3E-09	2.5E-09	2.1E-09	2.1E-10	4.0E-08
974	UCART8	479628	3732675.27	479628,	3	2.12E-03	2.10E-02	3.06E-04	4.35E-04	7.3E-07	2.2E-06	2.2E-05	1.3E-05	1.2E-05	5.2E-06	2.9E-06	1.8E-07	5.1E-06	4.2E-06	3.8E-06	8.3E-07	1.4E-05	1.1E-07	3.2E-07	2.3E-08	7.7E-09	6.3E-09	1.3E-09	4.2E-09	2.6E-08	5.4E-09	2.5E-09	2.1E-09	2.1E-10	4.0E-08
975	UCART8	479678	3732675.27	479678,	3	2.05E-03	1.98E-02	2.96E-04	4.20E-04	7.1E-07	2.1E-06	2.1E-05	1.2E-05	1.1E-05	5.0E-06	2.8E-06	1.7E-07	4.8E-06	4.0E-06	3.6E-06	7.9E-07	1.3E-05	1.1E-07	3.1E-07	2.2E-08	7.4E-09	6.0E-09	1.3E-09	4.0E-09	2.5E-08	5.1E-09	2.4E-09	2.0E-09	2.0E-10	3.8E-08
976	UCART8	479738	3732725.27	479738,	3	2.19E-03	1.83E-02	3.15E-04	2.70E-04	7.6E-07	2.3E-06	1.9E-05	1.1E-05	1.0E-05	4.6E-06	3.0E-06	1.8E-07	4.5E-06	3.7E-06	3.3E-06	7.2E-07	1.2E-05	1.2E-07	3.3E-07	2.0E-08	6.7E-09	5.5E-09	1.1E-09	4.3E-09	2.6E-08	4.7E-09	2.2E-09	1.8E-09	1.8E-10	4.0E-08
977	UCART8	479428	3732725.27	479428,	3	2.45E-03	2.10E-02	3.53E-04	3.37E-04	8.5E-07	2.6E-06	2.2E-05	1.3E-05	1.2E-05	5.2E-06	3.3E-06	2.1E-07	5.1E-06	4.2E-06	3.8E-06	8.3E-07	1.4E-05	1.2E-07	3.7E-07	2.3E-08	7.7E-09	6.3E-09	1.3E-09	4.8E-09	3.0E-08	5.4E-09	2.5E-09	2.1E-09	2.1E-10	4.5E-08
978	UCART8	479478	3732725.27	479478,	3	2.49E-03	2.34E-02	3.60E-04	3.83E-04	8.7E-07	2.6E-06	2.5E-05	1.4E-05	1.3E-05	5.9E-06	3.4E-06	2.1E-07	5.7E-06	4.7E-06	4.3E-06	9.4E-07	1.6E-05	1.3E-07	3.7E-07	2.6E-08	8.6E-09	7.1E-09	1.5E-09	5.2E-09	3.3E-08	6.0E-09	2.8E-09	2.4E-09	2.3E-10	5.1E-08
979	UCART8	479528	3732725.27	479528,	3	2.75E-03	2.49E-02	3.96E-04	4.77E-04	9.5E-07	2.9E-06	2.6E-05	1.5E-05	1.4E-05	6.2E-06	3.7E-06	2.3E-07	6.1E-06	5.0E-06	4.5E-06	9.8E-07	1.7E-05	1.4E-07	4.1E-07	2.7E-08	9.1E-09	7.5E-09	1.6E-09	5.4E-09	3.3E-08	6.4E-09	3.0E-09	2.5E-09	2.5E-10	5.1E-08
980	UCART8	479578	3732725.27	479578,	3	2.73E-03	2.57E-02	3.93E-04	5.11E-04	9.4E-07	2.9E-06	2.7E-05	1.6E-05	1.4E-05	6.4E-06	3.7E-06	2.3E-07	6.3E-06	5.1E-06	4.7E-06	1.0E-06	1.7E-05	1.4E-07	4.1E-07	2.8E-08	9.4E-09	7.7E-09	1.6E-09	5.3E-09	3.3E-08	6.6E-09	3.1E-09	2.6E-09	2.5E-10	5.1E-08
981	UCART8	479628	3732725.27	479628,	3	2.68E-03	2.53E-02	3.85E-04	5.15E-04	9.2E-07	2.8E-06	2.6E-05	1.5E-05	1.4E-05	6.2E-06	3.6E-06	2.3E-07	6.2E-06	5.1E-06	4.6E-06	1.0E-06	1.7E-05	1.3E-07	4.0E-07	2.8E-08	9.2E-09	7.5E-09	1.6E-09	5.2E-09	3.3E-08	6.5E-09	3.1E-09	2.5E-09	2.5E-10	4.9E-08
982	UCART8	479678	3732725.27	479678,	3	2.52E-03	2.30E-02	3.62E-04	4.82E-04	8.7E-07	2.6E-06	2.4E-05	1.4E-05	1.3E-05	5.8E-06	3.4E-06	2.1E-07	5.6E-06	4.6E-06	4.2E-06	9.1E-07	1.6E-05	1.3E-07	3.8E-07	2.5E-08	8.4E-09	7.0E-09	1.4E-09	4.9E-09	3.0E-08	5.9E-09	2.8E-09	2.3E-09	2.3E-10	4.6E-08
983	UCART8	479378	3732775.27	479378,	3	2.90E-03	2.35E-02	4.18E-04	3.12E-04	1.0E-06	3.0E-06	2.5E-05	1.4E-05	1.3E-05	5.9E-06	3.9E-06	2.4E-07	5.8E-06	4.7E-06	4.3E-06	9.3E-07	1.6E-05	1.4E-07	4.4E-07	2.6E-08	8.6E-09	7.1E-09	1.5E-09	5.7E-09	3.5E-08	6.0E-09	2.8E-09	2.3E-09	2.3E-10	5.2E-08
984	UCART8	479428	3732775.27	479428,	3	3.29E-03	2.69E-02	4.74E-04	4.00E-04	1.1E-06	3.4E-06	2.8E-05	1.6E-05	1.5E-05	6.7E-06	4.5E-06	2.8E-07	6.5E-06	5.4E-06	4.9E-06	1.1E-06	1.8E-05	1.6E-07	5.0E-07	2.9E-08	9.9E-09	8.1E-09	1.7E-09	6.4E-09	4.0E-08	6.9E-09	3.3E-09	2.7E-09	2.7E-10	5.9E-08
985	UCART8	479478	3732775.27	479478,	3	3.57E-03	3.00E-02	5.16E-04	5.11E-04	1.2E-06	3.7E-06	3.1E-05	1.8E-05	1.6E-05	7.4E-06	4.9E-06	3.1E-07	7.1E-06	5.9E-06	5.3E-06	1.2E-06	2.0E-05	1.8E-07	5.4E-07	3.2E-08	1.1E-08	8.8E-09	1.9E-09	7.0E-09	4.3E-08	7.5E-09	3.6E-09	3.0E-09	3.0E-10	6.5E-08
986	UCART8	479528	3732775.27	479528,	3	3.69E-03	3.18E-02	5.32E-04	5.86E-04	1.3E-06	3.9E-06	3.3E-05	1.9E-05	1.7E-05	8.0E-06	5.0E-06	3.1E-07	7.8E-06	6.4E-06	5.8E-06	1.3E-06	2.2E-05	1.8E-07	5.6E-07	3.5E-08	1.2E-08	9.6E-09	2.0E-09	7.2E-09	4.5E-08	8.1E-09	3.8E-09	3.2E-09	3.2E-10	6.7E-08
987	UCART8	479578	3732775.27	479578,	3	3.61E-03	3.24E-02	5.20E-04	6.23E-04	1.2E-06	3.8E-06	3.4E-05	2.0E-05	1.8E-05	8.1E-06	4.9E-06	3.0E-07	7.9E-06	6.5E-06	5.9E-06	1.3E-06	2.2E-05	1.8E-07	5.4E-07	3.5E-08	1.2E-08	9.8E-09	2.0E-09	7.1E-09	4.4E-08	8.3E-09	3.9E-09	3.2E-09	3.2E-10	6.6E-08
988	UCART8	479628	3732775.27	479628,	3	3.42E-03	2.96E-02	4.93E-04	5.56E-04	1.2E-06	3.6E-06	3.1E-05	1.8E-05	1.7E-05	7.6E-06	4.6E-06	2.9E-07	7.4E-06	6.1E-06	5.6E-06	1.2E-06	2.1E-05	1.7E-07	5.1E-07	3.3E-08	1.1E-08	9.3E-09	1.9E-09	6.7E-09	4.1E-08	7.9E-09	3.7E-09	3.1E-09	3.1E-10	6.3E-08
989	UCART8	479678	3732775.27	479678,	3	3.15E-03	2.76E-02	4.53E-04	5.50E-04	1.1E-06	3.3E-06	2.9E-05	1.7E-05	1.5E-05	6.9E-06	4.3E-06	2.6E-07	6.8E-06	5.5E-06	5.0E-06	1.1E-06	1.9E-05	1.6E-07	4.7E-07	3.0E-08	1.0E-08	8.3E-09	1.7E-09	6.2E-09	3.8E-08	7.1E-09	3.3E-09	2.7E-09	2.7E-10	5.8E-08
990	UCART8	479738	3732775.27	479738,	3	4.08E-03	3.07E-02	5.88E-04	3.61E-04	1.4E-06	4.3E-06	3.2E-05	1.9E-05	1.7E-05	7.7E-06	5.6E-06	3.4E-07	7.5E-06	6.1E-06	5.6E-06	1.2E-06	2.1E-05	2.0E-07	6.1E-07	3.4E-08	1.1E-08	8.2E-09	1.9E-09	8.0E-09	4.9E-08	7.9E-09	3.7E-09	3.0E-09	3.0E-10	7.2E-08
991	UCART8	479428	3732825.27	479428,	3	4.39E-03	3.96E-02	6.34E-04	6.23E-04	1.5E-06	4.6E-06	4.1E-05	2.4E-05	2.2E-05	9.9E-06	6.0E-06	3.7E-07	9.6E-06	7.8E-06	7.2E-06	1.5E-06	2.7E-05	2.3E-07	7.1E-07	4.3E-08	1.5E-08	1.1E-08	2.5E-09	9.2E-09	5.7E-08	9.1E-09	4.3E-09	3.5E-09	3.5E-10	8.3E-08
992	UCART8	479478	3732825.27	479478,	3	5.14E-03	4.03E-02	7.40E-04	6.20E-04	1.8E-06	5.4E-06	4.2E-05	2.4E-05	2.2E-05	1.0E-05	7.0E-06	4.3E-07	9.9E-06	8.1E-06	7.3E-06	1.6E-06	2.7E-05	2.6E-07	7.7E-07	4.4E-08	1.5E-08	1.2E-08	2.6E-09	1.0E-08	6.2E-08	1.0E-08	4.9E-09	4.0E-09	4.0E-10	9.2E-08
993	UCART8	479528	3732825.27	479528,	3	5.25E-03	4.16E-02	7.57E-04	7.36E-04	1.8E-06	5

1131	UCART1	4806043	1	3733961	3	4806043	1	4.12E-04	3.49E-03	6.18E-05	2.71E-04	1.4E-07	4.3E-07	3.6E-06	2.1E-06	1.9E-06	8.7E-07	5.6E-09	3.5E-08	8.5E-07	7.0E-07	6.3E-07	1.4E-07	2.4E-06	2.1E-08	6.5E-08	3.8E-09	1.3E-09	1.0E-09	2.2E-10	8.4E-10	5.2E-09	8.9E-10	4.2E-10	3.5E-10	3.4E-11	7.7E-09
1132	UCART1	4806054	1	3733961	3	4806054	3	4.06E-04	3.43E-03	6.08E-05	2.72E-04	1.4E-07	4.2E-07	3.6E-06	2.1E-06	1.9E-06	8.6E-07	5.5E-09	3.4E-08	8.4E-07	6.8E-07	6.2E-07	1.4E-07	2.3E-06	2.1E-08	6.4E-08	3.7E-09	1.3E-09	1.0E-09	2.1E-10	8.3E-10	5.1E-09	8.8E-10	4.1E-10	3.4E-10	3.4E-11	7.6E-09
1133	UCART1	4807043	1	3733961	3	4807043	1	4.01E-04	3.38E-03	6.01E-05	2.72E-04	1.4E-07	4.2E-07	3.5E-06	2.1E-06	1.9E-06	8.5E-07	5.5E-09	3.4E-08	8.3E-07	6.7E-07	6.1E-07	1.3E-07	2.3E-06	2.1E-08	6.3E-08	3.7E-09	1.2E-09	1.0E-09	2.1E-10	8.2E-10	5.0E-09	8.6E-10	4.1E-10	3.4E-10	3.3E-11	7.5E-09
1134	UCART1	4807054	1	3733961	3	4807054	3	3.99E-04	3.34E-03	5.97E-05	2.73E-04	1.4E-07	4.2E-07	3.5E-06	2.1E-06	1.8E-06	8.4E-07	5.4E-09	3.3E-08	8.2E-07	6.7E-07	6.0E-07	1.3E-07	2.3E-06	2.1E-08	6.2E-08	3.6E-09	1.2E-09	1.0E-09	2.1E-10	8.1E-10	5.0E-09	8.5E-10	4.0E-10	3.3E-10	3.3E-11	7.4E-09
1135	UCART1	4808043	1	3733961	3	4808043	3	3.98E-04	3.32E-03	5.96E-05	2.73E-04	1.4E-07	4.2E-07	3.5E-06	2.0E-06	1.8E-06	8.3E-07	5.4E-09	3.3E-08	8.1E-07	6.6E-07	6.0E-07	1.3E-07	2.2E-06	2.1E-08	6.2E-08	3.6E-09	1.2E-09	1.0E-09	2.1E-10	8.1E-10	5.0E-09	8.5E-10	4.0E-10	3.3E-10	3.3E-11	7.4E-09
1136	UCART1	4808054	1	3733961	3	4808054	3	3.99E-04	3.33E-03	5.97E-05	2.74E-04	1.4E-07	4.2E-07	3.5E-06	2.0E-06	1.8E-06	8.3E-07	5.4E-09	3.3E-08	8.1E-07	6.6E-07	6.0E-07	1.3E-07	2.2E-06	2.1E-08	6.2E-08	3.6E-09	1.2E-09	1.0E-09	2.1E-10	8.1E-10	5.0E-09	8.5E-10	4.0E-10	3.3E-10	3.3E-11	7.4E-09
1137	UCART1	4798543	1	3734011	3	4798543	1	7.93E-04	5.73E-03	1.15E-04	2.32E-04	2.7E-07	7.8E-07	6.0E-06	3.5E-06	3.1E-06	1.4E-06	1.1E-08	6.6E-08	1.4E-06	1.1E-06	1.0E-06	2.3E-07	3.9E-06	4.0E-08	1.2E-07	6.3E-09	2.1E-09	1.7E-09	3.6E-10	1.6E-09	9.7E-09	1.5E-09	6.9E-10	5.7E-10	5.7E-11	1.4E-08
1138	UCART1	4799904	1	3734011	3	4799904	3	7.47E-04	5.52E-03	1.09E-04	2.33E-04	2.6E-07	7.8E-07	5.8E-06	3.3E-06	3.0E-06	1.4E-06	1.0E-08	6.3E-08	1.4E-06	1.1E-06	1.0E-06	2.2E-07	3.7E-06	3.8E-08	1.1E-07	6.0E-09	2.0E-09	1.7E-09	3.5E-10	1.5E-09	9.1E-09	1.4E-09	6.7E-10	5.5E-10	5.5E-11	1.3E-08
1139	UCART1	4799954	1	3734011	3	4799954	3	7.02E-04	5.29E-03	1.02E-04	2.34E-04	2.4E-07	7.3E-07	5.5E-06	3.2E-06	2.9E-06	1.3E-06	9.5E-09	5.9E-08	1.3E-06	1.1E-06	9.6E-07	2.1E-07	3.6E-06	3.5E-08	1.1E-07	5.8E-09	1.9E-09	1.6E-09	3.3E-10	1.4E-09	8.6E-09	1.4E-09	6.4E-10	5.3E-10	5.2E-11	1.3E-08
1140	UCART1	4804543	1	3734011	3	4804543	1	4.33E-04	3.41E-03	6.41E-05	2.69E-04	1.5E-07	4.4E-07	3.7E-06	2.1E-06	1.9E-06	8.8E-07	5.7E-09	3.5E-08	8.6E-07	7.2E-07	6.5E-07	1.4E-07	2.4E-06	2.2E-08	6.7E-08	3.8E-09	1.3E-09	1.1E-09	2.3E-10	8.7E-10	5.4E-09	9.2E-10	4.4E-10	3.6E-10	3.6E-11	8.0E-09
1141	UCART1	4805043	1	3734011	3	4805043	3	4.21E-04	3.51E-03	6.25E-05	2.35E-04	1.5E-07	4.4E-07	3.7E-06	2.1E-06	1.9E-06	8.8E-07	5.7E-09	3.5E-08	8.6E-07	7.0E-07	6.4E-07	1.4E-07	2.4E-06	2.2E-08	6.5E-08	3.8E-09	1.3E-09	1.1E-09	2.2E-10	8.5E-10	5.2E-09	9.0E-10	4.2E-10	3.5E-10	3.5E-11	7.8E-09
1142	UCART1	4805054	1	3734011	3	4805054	3	4.11E-04	3.43E-03	6.11E-05	2.35E-04	1.4E-07	4.3E-07	3.6E-06	2.1E-06	1.9E-06	8.6E-07	5.6E-09	3.4E-08	8.4E-07	6.8E-07	6.2E-07	1.4E-07	2.3E-06	2.1E-08	6.4E-08	3.7E-09	1.3E-09	1.0E-09	2.2E-10	8.3E-10	5.1E-09	8.8E-10	4.1E-10	3.4E-10	3.4E-11	7.6E-09
1143	UCART1	4806043	1	3734061	3	4806043	1	4.33E-04	3.59E-03	6.29E-05	2.24E-04	1.4E-07	4.4E-07	3.7E-06	2.1E-06	1.9E-06	8.8E-07	5.7E-09	3.5E-08	8.6E-07	7.2E-07	6.5E-07	1.4E-07	2.4E-06	2.2E-08	6.7E-08	3.8E-09	1.3E-09	1.1E-09	2.3E-10	8.7E-10	5.4E-09	9.2E-10	4.4E-10	3.6E-10	3.6E-11	8.0E-09
1144	UCART1	4806054	1	3734011	3	4806054	3	3.97E-04	3.30E-03	5.90E-05	2.36E-04	1.4E-07	4.2E-07	3.4E-06	2.0E-06	1.8E-06	8.3E-07	5.4E-09	3.3E-08	8.1E-07	6.6E-07	6.0E-07	1.3E-07	2.2E-06	2.0E-08	6.2E-08	3.6E-09	1.2E-09	9.9E-10	2.1E-10	8.0E-10	4.9E-09	8.4E-10	4.0E-10	3.3E-10	3.3E-11	7.4E-09
1145	UCART1	4807043	1	3734011	3	4807043	3	3.93E-04	3.25E-03	5.84E-05	2.37E-04	1.4E-07	4.1E-07	3.4E-06	2.0E-06	1.8E-06	8.1E-07	5.3E-09	3.3E-08	8.0E-07	6.5E-07	5.9E-07	1.3E-07	2.2E-06	2.0E-08	6.1E-08	3.6E-09	1.2E-09	9.8E-10	2.0E-10	7.9E-10	4.9E-09	8.3E-10	3.9E-10	3.2E-10	3.2E-11	7.3E-09
1146	UCART1	4807054	1	3734011	3	4807054	3	3.92E-04	3.22E-03	5.80E-05	2.38E-04	1.4E-07	4.1E-07	3.4E-06	1.9E-06	1.8E-06	8.1E-07	5.3E-09	3.2E-08	8.0E-07	6.5E-07	5.9E-07	1.3E-07	2.2E-06	2.0E-08	6.1E-08	3.5E-09	1.2E-09	9.7E-10	2.0E-10	7.9E-10	4.9E-09	8.2E-10	3.9E-10	3.2E-10	3.2E-11	7.2E-09
1147	UCART1	4808043	1	3734011	3	4808043	3	3.90E-04	3.20E-03	5.79E-05	2.38E-04	1.4E-07	4.1E-07	3.3E-06	1.9E-06	1.8E-06	8.0E-07	5.3E-09	3.2E-08	7.8E-07	6.4E-07	5.8E-07	1.3E-07	2.2E-06	2.0E-08	6.1E-08	3.5E-09	1.2E-09	9.6E-10	2.0E-10	7.9E-10	4.9E-09	8.2E-10	3.9E-10	3.2E-10	3.2E-11	7.2E-09
1148	UCART1	4808054	1	3734011	3	4808054	3	3.91E-04	3.19E-03	5.81E-05	2.39E-04	1.4E-07	4.1E-07	3.3E-06	1.9E-06	1.8E-06	8.0E-07	5.3E-09	3.3E-08	7.8E-07	6.4E-07	5.8E-07	1.3E-07	2.2E-06	2.0E-08	6.1E-08	3.5E-09	1.2E-09	9.6E-10	2.0E-10	7.9E-10	4.9E-09	8.2E-10	3.9E-10	3.2E-10	3.2E-11	7.2E-09
1149	UCART1	4806043	1	3734061	3	4806043	1	3.96E-04	3.23E-03	5.82E-05	2.09E-04	1.4E-07	4.1E-07	3.3E-06	1.9E-06	1.8E-06	8.0E-07	5.3E-09	3.3E-08	7.8E-07	6.4E-07	5.8E-07	1.3E-07	2.2E-06	2.0E-08	6.1E-08	3.5E-09	1.2E-09	9.6E-10	2.0E-10	7.9E-10	4.9E-09	8.3E-10	3.9E-10	3.2E-10	3.2E-11	7.2E-09
1150	UCART1	4806054	1	3734061	3	4806054	3	3.89E-04	3.18E-03	5.74E-05	2.09E-04	1.3E-07	4.1E-07	3.3E-06	1.9E-06	1.7E-06	8.0E-07	5.3E-09	3.3E-08	7.8E-07	6.3E-07	5.8E-07	1.3E-07	2.2E-06	2.0E-08	6.0E-08	3.5E-09	1.2E-09	9.6E-10	2.0E-10	7.8E-10	4.8E-09	8.1E-10	3.8E-10	3.2E-10	3.1E-11	7.1E-09
1151	UCART1	4807043	1	3734061	3	4807043	3	3.85E-04	3.14E-03	5.69E-05	2.10E-04	1.3E-07	4.0E-07	3.2E-06	1.9E-06	1.7E-06	7.9E-07	5.2E-09	3.2E-08	7.7E-07	6.3E-07	5.7E-07	1.2E-07	2.1E-06	2.0E-08	5.9E-08	3.4E-09	1.1E-09	9.5E-10	1.9E-10	7.7E-10	4.7E-09	8.0E-10	3.8E-10	3.1E-10	3.1E-11	7.1E-09
1152	UCART1	4807054	1	3734061	3	4807054	3	3.85E-04	3.11E-03	5.66E-05	2.11E-04	1.3E-07	4.0E-07	3.2E-06	1.9E-06	1.7E-06	7.9E-07	5.2E-09	3.2E-08	7.6E-07	6.2E-07	5.6E-07	1.2E-07	2.1E-06	2.0E-08	5.9E-08	3.4E-09	1.1E-09	9.4E-10	1.9E-10	7.7E-10	4.7E-09	7.9E-10	3.7E-10	3.1E-10	3.1E-11	7.0E-09
1153	UCART1	4808043	1	3734061	3	4808043	3	3.82E-04	3.09E-03	5.64E-05	2.11E-04	1.3E-07	4.0E-07	3.2E-06	1.9E-06	1.7E-06	7.7E-07	5.2E-09	3.2E-08	7.6E-07	6.2E-07	5.6E-07	1.2E-07	2.1E-06	2.0E-08	5.9E-08	3.4E-09	1.1E-09	9.3E-10	1.9E-10	7.7E-10	4.7E-09	7.9E-10	3.7E-10	3.1E-10	3.1E-11	7.0E-09
1154	UCART1	4808543	1	3734061	3	4808543	3	3.84E-04	3.08E-03	5.65E-05	2.12E-04	1.3E-07	4.0E-07	3.2E-06	1.9E-06	1.7E-06	7.7E-07	5.2E-09	3.2E-08	7.5E-07	6.1E-07	5.6E-07	1.2E-07	2.1E-06	2.0E-08	5.9E-08	3.4E-09	1.1E-09	9.3E-10	1.9E-10	7.7E-10	4.7E-09	7.9E-10	3.7E-10	3.1E-10	3.0E-11	7.0E-09
1155	UCART1	4797093	1	3732002	5	4797093	1	4.72E-04	4.48E-03	6.78E-05	9.04E-05	1.6E-07	4.9E-07	4.7E-06	2.7E-06	2.5E-06	1.1E-06	6.4E-09	4.0E-08	1.1E-06	8.9E-07	8.1E-07	1.8E-07	3.0E-06	2.3E-08	7.1E-08	4.9E-09	1.6E-09	1.3E-09	2.8E-10	9.2E-10	5.7E-09	1.1E-09	5.4E-10	4.4E-10	4.4E-11	8.8E-09
1156	UCART1	4797593	1	3732002	5	4797593	1	4.77E-04	4.52E-03	6.85E-05	9.13E-05	1.6E-07	5.0E-07	4.8E-06	2.8E-06	2.5E-06	1.1E-06	6.5E-09	4.0E-08	1.1E-06	9.0E-07	8.2E-07	1.8E-07	3.1E-06	2.4E-08	7.2E-08	5.1E-09	1.7E-09	1.3E-09	2.9E-10	9.3E-10	5.7E-09	1.2E-09	5.6E-10	4.6E-10	4.6E-11	8.9E-09
1157	UCART1	4798093	1	3732002	5	4798093	1	4.80E-04	4.70E-03	6.91E-05	9.51E-05	1.7E-07	5.0E-07	4.9E-06	2.8E-06	2.6E-06	1.2E-06	6.5E-09	4.0E-08	1.2E-06	9.4E-07	8.5E-07	1.9E-07	3.2E-06	2.4E-08	7.2E-08	5.1E-09	1.7E-09	1.4E-09	2.9E-10	9.4E-10	5.8E-09	1.2E-09	5.7E-10	4.7E-10	4.6E-11	9.0E-09
1158	UCART1	4798593	1	3732002	5	4798593	1	4.81E-04	4.71E-03	6.91E-05	9.66E-05	1.7E-07	5.0E-07	4.9E-06	2.9E-06	2.6E-06	1.2E-06	6.5E-09	4.0E-08	1.2E-06	9.4E-07	8.5E-07	1.9E-07	3.2E-06	2.4E-08	7.2E-08	5.1E-09	1.7E-09	1.4E-09	3.0E-10	9.4E-10	5.8E-09	1.2E-09	5.7E-10	4.7E-10	4.7E-11	9.0E-09
1159	UCART1	4799093	1	3732002	5	4799093	1	4.79E-04	4.66E-03	6.88E-05	9.61E-05	1.7E-07	5.0E-07	4.9E-06	2.9E-06	2.6E-06	1.2E-06	6.5E-09	4.0E-08	1.2E-06	9.3E-07	8.4E-07	1.9E-07	3.1E-06	2.4E-08	7.2E-08	5.1E-09	1.7E-09	1.4E-09	2.9E-10	9.4E-10	5.8E-09	1.2E-09	5.6E-10	4.6E-10	4.6E-11	8.9E-09
1160	UCART1	4799593	1	3732002	5	4799593	1	4.75E-04	4.51E-03	6.84E-05	9.61E-05	1.6E-07	5.0E-07	4.7E-06	2.7E-06	2.5E-06	1.1E-06	6.5E-09	4.0E-08	1.1E-06	9.0E-07	8.2E-07	1.8E-07	3.0E-06	2.4E-08	7.1E-08	4.9E-09	1.7E-09	1.4E-09	2.8E-10	9.3E-10	5.7E-09	1.2E-09	5.5E-10	4.5E-10	4.5E-11	8.8E-09
1161	UCART1	4800093	1	3732002	5	4800093	1	4.69E-04	4.37E-03	6.74E-05	9.50E-05	1.6E-07	4.9E-07	4.6E-06	2.6E-06	2.4E-06	1.1E-06	6.4E-09	3.9E-08	1.1E-06	8.7E-07	7.9E-07	1.7E-07	3.0E-06	2.3E-08	7.0E-08	4.8E-09	1.6E-09	1.3E-09	2.7E-10	9.2E-10	5.6E-09	1.1E-09	5.3E-10	4.3E-10	4.3E-11	8.7E-09
1162	UCART1	4800593	1	3732002	5	4800593	1	4.61E-04	4.29E-03	6.62E-05	9.31E-05	1.6E-07	4.8E-07	4.4E-06	2.5E-06	2.3E-06	1.0E-06	6.3E-09	3.9E-08	1.0E-06	8.6E-07	7.8E-07	1.7E-07	2.9E-06	2.3E-08	6.9E-08	4.8E-09	1.6E-09	1.3E-09	2.7E-10	9.0E-10	5.5E-09	1.1E-09	5.1E-10	4.2E-10	4.1E-11	8.5E-09
1163	UCART1	4801093	1	3732002	5	4801093	1	4.52E-04	3.94E-03	6.49E-05	9.07E-05	1.6E-07	4.7E-07	4.1E-06	2.4E-06	2.2E-06	9.9E-07	6.1E-09	3.8E-08	9.8E-07	7.9E-07	7.1E-07	1.6E-07	2.7E-06	2.2E-08	6.8E-08	4.3E-09	1.4E-09	1.2E-09	2.5E-10	8.8E-10	5.4E-09	4.8E-10	3.9E-10	3.9E-10	3.8E-11	8.2E-09
1164	UCART1	4801593	1	3732002	5	4801593	1	4.40E-04	3.79E-03	6.33E-05	8.90E-05	1.5E-07	4.6E-07	4.0E-06	2.3E-06	2.1E-06	9.5E-07	6.0E-09	3.7E-08	9.3E-07	7.6E-07	6.9E-07	1.5E-07	2.6E-06	2.2E-08	6.6E-08	4.1E-09	1.4E-09	1.1E-09	2.4E-10	8.6E-10	5.3E-09	9.7E-10	4.6E-10	3.8E-10	3.7E-11	8.0E-09
1165	UCART1	4802093	1	3732002	5	4802093	1	4.29E-04	3.51E-03	6.16E-05	8.84E-05	1.5E-07	4.5E-07	3.9E-06	2.2E-06	2.0E-06	9.2E-07	5.8E-09	3.6E-08	8.6E-07	7.0E-07	6.4E-07	1.4E-07	2.5E-06	2.1E-08	6.4E-08	3.9E-09	1.3E-09	1.0E-09	2.2E-10	8.4E-10	5.1E-09	9.0E-10	4.2E-10	3.5E-10	3.5E-11	7.6E-09
1166	UCART1	4802593	1	3732002	5	4802593	1	4.17E-04	3.32E-03	5.99E-05	8.48E-05	1.4E-07	4.4E-07	3.5E-06	2.0E-06	1.8E-06	8.8E-07	5.5E-09	3.5E-08	8.1E-07	6.6E-07	6.0E-07	1.3E-07	2.2E-06	2.1E-08	6.3E-08	3.6E-09	1.2E-09	1.0E-09	2.1E-10	8.2E-10	5.0E-09	8.5E-10	4.0E-10	3.3E-10	3.3E-11	7.4E-09
1167	UCART1	4803093	1	3732002	5	4803093	1	4.04E-04	3.20E-03	5.81E-05	8.29E-05	1.4E-07	4.2E-07	3.3E-06	1.9E-06	1.8E-06	8.0E-07	5.5E-09	3.4E-08	7.8E-07	6.4E-07	5.8E-07	1.3E-07	2.2E-06	2.0E-08	6.1E-08	3.5E-09	1.2E-09	9.6E-10	2.0E-10	7.9E-10	4.9E-09	8.2E-10	3.9E-10	3.2E-10	3.2E-11	7.2E-09
1168	UCART1	4803593	1	3732002	5	4803593	1	3.94E-04	3.10E-03	5.64E-05	8.33E-05	1.4E-07	4.1E-07	3.2E-06	1.9E-06	1.7E-06	7.8E-07	5.4E-09	3.3E-08	7.6E-07	6.2E-07	5.6E-07	1.2E-07	2.1E-06	1.9E-08	5.9E-08	3.4E-09	1.1E-09	9.3E-10	1.9E-10	7.7E-10	4.7E-09	7.9E-10	3.7E-10	3.1E-10	3.1E-11	7.0E-09
1169	UCART1	4804093	1	3732002	5	4804093	1	3.79E-04	3.00E-03	5.45E-05	7.93E-05	1.3E-07	4.0E-07	3.1E-06	1.8E-06	1.6E-06	7.5E-07	5.2E-09	3.2E-08	7.3E-07	6.0E-07	5.4E-07	1.2E-07	2.0E-06	1.9E-08	5.7E-08	3.3E-09	1.1E-09	9.0E-10	1.9E-10	7.4E-10	4.6E-09	7.7E-10	3.6E-10	3.0E-10	3.0E-11	6.8E-09
1170	UCART1	4804593	1	3732002	5	4804593	1	3.69E-04	2.83E-03	5.31E-05	7.77E-05	1.3E-07	3.9E-07	3.0E-06	1.7E-06	1.6E-06	7.1E-07	5.0E-09	3.1E-08	6.9E-07	5.7E-07	5.1E-07	1.1E-07	1.9E-06	1.8E-08	5.6E-08	3.1E-09	1.0E-09	8.5E-10	1.8E-10	7.2E-10	4.4E-09	7.2E-10	3.4E-10	2.8E-10	2.8E-11	6.5E-09
1171	UCART1	4805093	1	3732002	5	4805093	1	3.59E-04	2.72E-03	5.13E-05	7.68E-05	1.2E-07	3.7E-07	2.8E-06	1.6E-06	1.5E-06	6.8E-07	4.9E-09	3.0E-08	6.7E-07	5.4E-07	4.9E-07	1.1E-07	1.8E-06	1.8E-08	5.4E-08	3.0E-09	1.0E-09	8.2E-10	1.7E-10	7.0E-10	4.3E-09	7.0E-10	3.3E-10	2.7E-10	2.7E-11	6.3E-09
1172	UCART1	4805593	1	3732002	5	4805593	1	3.48E-04	2.62E-03	5.00E-05	7.46E-05	1.2E-07	3.6E-07	2.7E-06	1.6E-06	1.4E-06	6.5E-07	4.7E-09	2.9E-08	6.4E-07	5.2E-07	4.7E-07	1.0E-07	1.8E-06	1.7E-08	5.2E-08	2.9E-09	9.6E-10	7.9E-10	1.6E-10	6.8E-10	4.2E-09	6.7E-10	3.2E-10	2.6E-10	2.6E-11	6.1E-09
1173	UCART1	4806093	1	3732002	5	4806093	1	3.38E-04	2.53E-03	4.86E-05	7.36E-05	1.2E-07	3.5E-07	2.6E-06	1.5E-06	1.4E-06	6.3E-07	4.6E-09	2.8E-08	6.2E-07	5.1E-07	4.6E-07	1.0E-07	1.7E-06	1.7E-08	5.1E-08	2.8E-09	9.3E-10	7.6E-10	1.6E-10	6.6E-10	4.1E-09	6.5E-10	3.1E-10	2.5E-10	2.5E-11	6.0E-09
1174	UCART1	4806593	1	3732002	5	4806593	1	3.29E-04	2.44E-03	4.73E-05	7.27E-05	1.1E-07	3.4E-07	2.6E-06	1.5E-06	1.3E-06	6.1E-07	4.5E-09	2.8E-08	6.0E-07	4.9E-07	4.4E-07	9.6E-08	1.7E-06	1.6E-08	4.9E-08	2.7E-09	8.9E-10	7.3E-10	1.5E-10	6.4E-10	4.0E-09	6.2E-10	3.0E-10	2.4E-10	2.4E-11	5.8E-09
1175	UCART1	4807093	1	3732002	5	4807093	1	3.21E-04	2.34E-03	4.61E-05	7.18E-05	1.1E-07	3.3E-07	2.5E-06	1.4E-06	1.3E-06	5.9E-07	4.4E-09	2.7E-08	5.8E-07	4.7E-07	4.2E-07	9.3E-08	1.6E-06	1.6E-08	4.8E-08	2.6E-09	8.5E-10	7.0E-10	1.5E-10	6.3E-10	3.9E-09	6.0E-10	2.9E-10	2.3E-10	2.3E-11	5.6E-09
1176	UCART1	4807593	1	3732002	5	4807593	1	3.13E-04	2.27E-03	4.50E-05	7.02E-05	1.1E-07	3.3E-07	2.4E-06	1.4E-06	1.2E-06	5.7E-07	4.3E-09	2.6E-08	5.6E-07	4.5E-07	4.1E-07	9.0E-08	1.5E-06	1.6E-08	4.7E-08	2.5E-09	8.3E-10	6.8E-10	1.4E-10	6.1E-10	3.8E-09	5.8E-10	2.7E-10	2.3E-10	2.2E-11	5.5E-09
1177	UCART1	4808093	1	3732002	5	4808093	1	3.06E-04	2.21E-03	4.40E-05	6.94E-05	1.1E-07	3.2E-07	2.3E-06	1.3E-06	1.2E-06	5.5E-07	4.2E-09	2.6E-08	5.4E-07	4.4E-07	4.0E-07	8.7E-08	1.5E-06	1.5E-08	4.6E-08	2.4E-09	8.1E-10	6.7E-10	1.4E-10	6.0E-10	3.7E-09	5.7E-10	2.7E-10	2.2E-10	2.2E-11	5.4E-09
1178	UCART1	4808593	1	3732002	5	4808593	1	3.00E-04	2.16E-03	4.31E-05	6.86E-05	1.1E-07	3.1E-07	2.2E-06	1.3E-06	1.2E-06	5.4E-07	4.1E-09	2.5E-08	5.3E-07	4.3E-07	3.9E-07	8.5E-08	1.4E-06	1.5E-08	4.5E-08	2.4E-09	7.9E-10	6.6E-10	1.3E-10	5.8E-10	3.6E-09	5.5E-10	2.6E-10	2.1E-10	2.1E-11	5.2E-09
1179	UCART1	4809093	1	3732002	5	4809093	1	2.94E-04	2.11E-03	4.22E-05	6.73E-05	1.0E-07	3.1E-07	2.2E-06	1.3E-06	1.2E-06	5.3E-07	4.0E-09	2.5E-08	5.2E-07	4.2E-07	3.8E-07	8.3E-08	1.4E-06	1.5E-08	4.4E-08	2.3E-09	7.7E-10	6.3E-10	1.3E-10	5.7E-10	3.5E-09	5.4E-10	2.5E-10	2.1E-10	2.1E-11	5.1E-09
1180	UCART1	4809593	1	3732002	5	4809593	1	2.88E-04	2.06E-03	4.14E-05	6.58E-05	1.0E-07	3.0E-07	2.2E-06	1.2E-06	1.1E-06	5.2E-07	3.9E-09	2.4E-08	5.0E-07	4.1E-07	3.7E-07	8.1E-08	1.4E-06	1.4E-08	4.3E-08	2.3E-09	7.5E-10	6.2E-10	1.3E-10	5.6E-10	3.5E-09	5.3E-10	2.5E-10	2.0E-10	2.0E-11	5.0E-09
1181	UCART1	4810093	1	3732002	5	4810093	1	2.83E-04	2.02E-03	4.06E-05	6.44E-05	1.0E-07	3.0E-07	2.1E-06	1.2E-06	1.1E-06	5.0E-07	3.8E-09	2.4E-08	4.9E-07	4.0E-07	3.6E-07	7.9E-08	1.3E-06	1.4E-08	4.2E-08	2.2E-09	7.3E-10	6.0E-10



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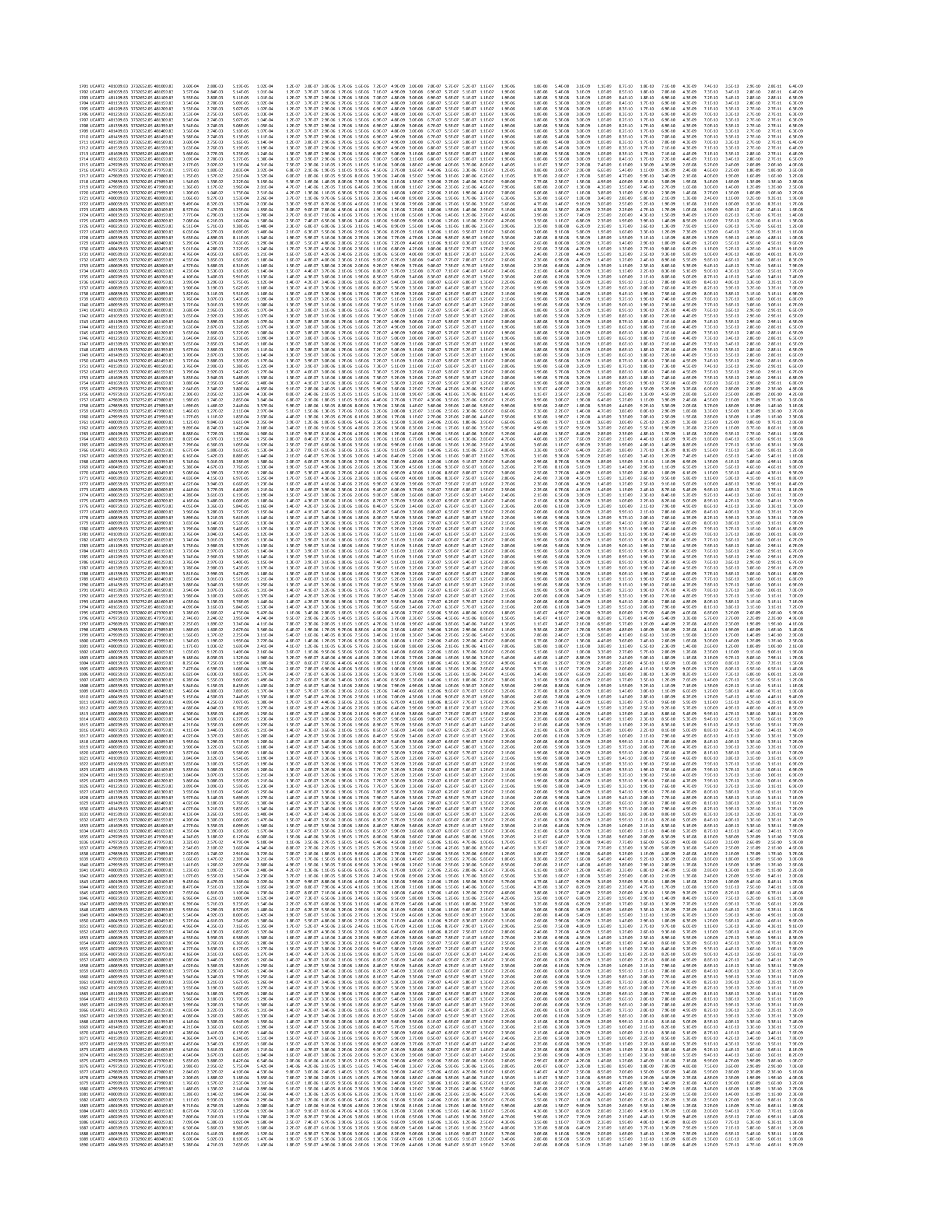
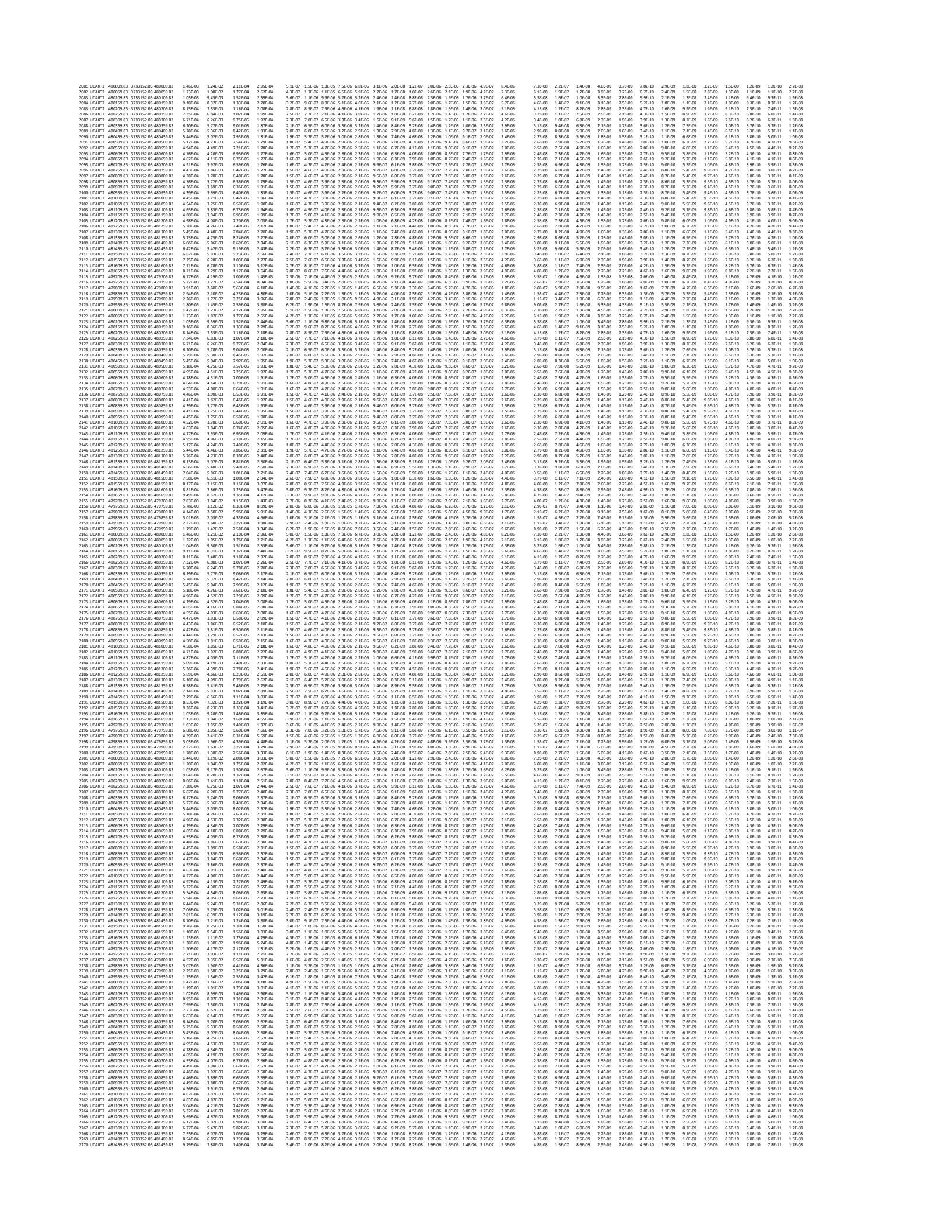
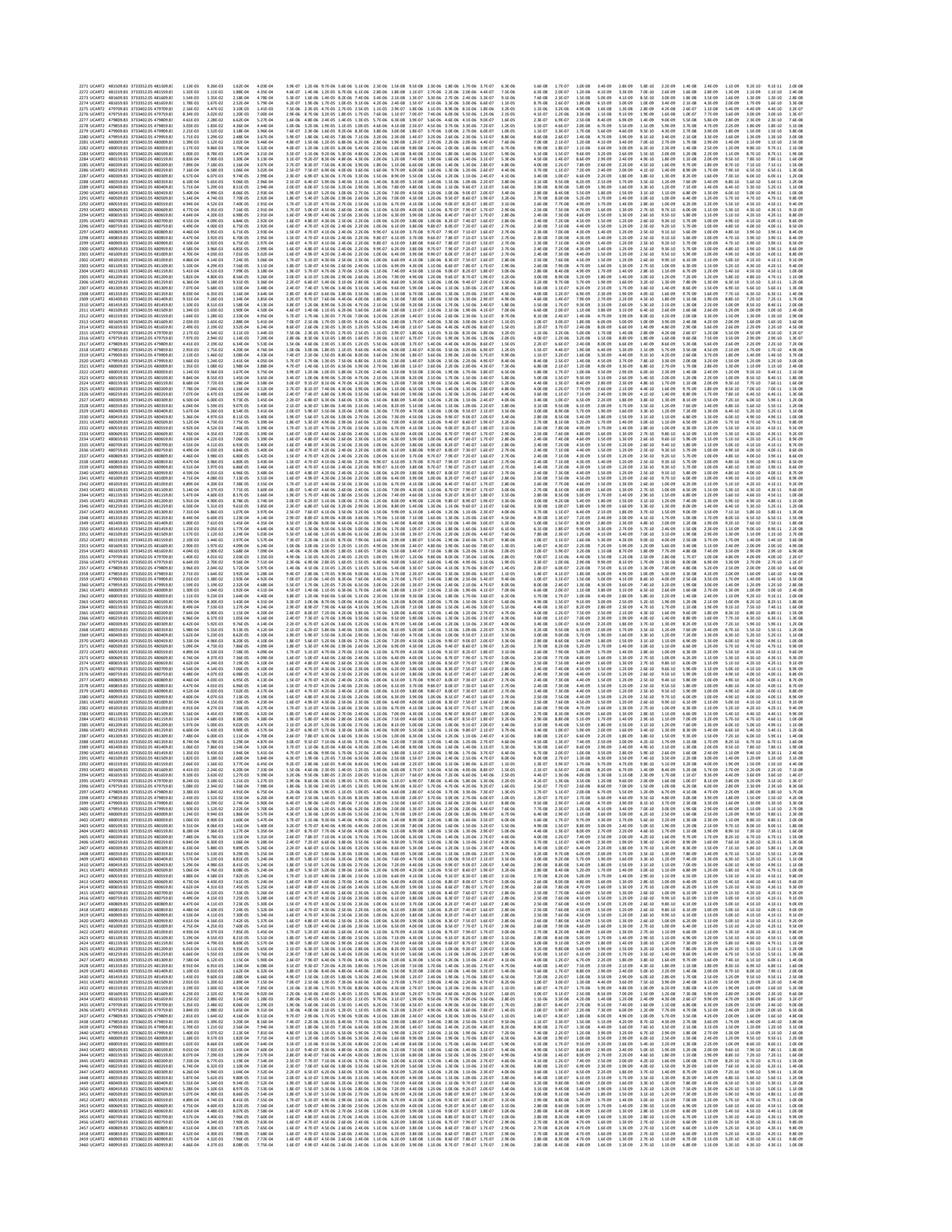
1512	UCART2	481559.83	3732402.05	481559.81	3.02E-04	2.19E-03	4.32E-05	8.88E-05	1.0E-07	3.2E-07	2.3E-06	1.3E-06	1.2E-06	5.5E-07	4.1E-09	2.5E-08	5.4E-07	4.4E-07	4.0E-07	8.7E-08	1.5E-06	1.5E-08	4.5E-08	2.4E-09	8.0E-10	6.6E-10	1.4E-10	5.9E-10	3.6E-09	5.6E-10	2.7E-10	2.2E-10	2.2E-11	5.3E-09
1513	UCART2	481609.83	3732402.05	481609.81	3.02E-04	2.18E-03	4.32E-05	9.12E-05	1.0E-07	3.2E-07	2.3E-06	1.3E-06	1.2E-06	5.5E-07	4.1E-09	2.5E-08	5.3E-07	4.4E-07	3.9E-07	8.6E-08	1.5E-06	1.5E-08	4.5E-08	2.4E-09	8.0E-10	6.6E-10	1.4E-10	5.9E-10	3.6E-09	5.6E-10	2.6E-10	2.2E-10	2.2E-11	5.3E-09
1514	UCART2	481659.83	3732402.05	481659.81	3.02E-04	2.17E-03	4.32E-05	9.32E-05	1.0E-07	3.2E-07	2.3E-06	1.3E-06	1.2E-06	5.4E-07	4.1E-09	2.5E-08	5.3E-07	4.3E-07	3.9E-07	8.6E-08	1.5E-06	1.5E-08	4.5E-08	2.4E-09	7.9E-10	6.5E-10	1.4E-10	5.9E-10	3.6E-09	5.5E-10	2.6E-10	2.2E-10	2.1E-11	5.3E-09
1515	UCART2	479709.83	3732452.05	479709.81	1.03E-03	1.07E-02	1.48E-04	2.26E-04	3.6E-07	1.1E-06	1.1E-05	6.5E-06	5.9E-06	2.7E-06	1.4E-08	8.6E-08	2.6E-06	2.1E-06	1.9E-06	4.2E-07	7.2E-06	5.1E-08	1.5E-07	1.2E-08	3.9E-09	3.2E-09	6.7E-10	2.0E-09	1.2E-08	2.7E-09	1.3E-09	1.1E-09	1.1E-10	2.0E-08
1516	UCART2	479759.83	3732452.05	479759.81	1.01E-03	1.05E-02	1.46E-04	2.23E-04	3.5E-07	1.1E-06	1.1E-05	6.5E-06	5.8E-06	2.6E-06	1.4E-08	8.5E-08	2.6E-06	2.1E-06	1.9E-06	4.1E-07	7.1E-06	5.1E-08	1.5E-07	1.1E-08	3.8E-09	3.2E-09	6.6E-10	2.0E-09	1.2E-08	2.7E-09	1.3E-09	1.0E-09	1.0E-10	1.9E-08
1517	UCART2	479809.83	3732452.05	479809.81	9.79E-04	1.01E-02	1.41E-04	2.15E-04	3.4E-07	1.0E-06	1.1E-05	6.1E-06	5.6E-06	2.6E-06	1.3E-08	8.2E-08	2.5E-06	2.0E-06	1.8E-06	4.0E-07	6.8E-06	4.9E-08	1.5E-07	1.1E-08	3.7E-09	3.0E-09	6.3E-10	1.9E-09	1.2E-08	2.6E-09	1.2E-09	1.0E-09	1.0E-10	1.9E-08
1518	UCART2	479859.83	3732452.05	479859.81	9.34E-04	9.55E-03	1.34E-04	2.04E-04	3.2E-07	9.8E-07	1.0E-05	5.8E-06	5.2E-06	2.4E-06	1.3E-08	7.8E-08	2.3E-06	1.9E-06	1.7E-06	3.8E-07	6.4E-06	4.7E-08	1.4E-07	1.0E-08	3.5E-09	2.9E-09	6.0E-10	1.8E-09	1.1E-08	2.4E-09	1.2E-09	9.5E-10	9.4E-11	1.8E-08
1519	UCART2	479909.83	3732452.05	479909.81	8.87E-04	8.82E-03	1.28E-04	1.92E-04	3.1E-07	9.3E-07	9.2E-06	5.3E-06	4.8E-06	2.2E-06	1.2E-08	7.4E-08	2.2E-06	1.8E-06	1.6E-06	3.5E-07	6.0E-06	4.4E-08	1.3E-07	9.6E-09	3.2E-09	2.7E-09	5.5E-10	1.7E-09	1.1E-08	2.3E-09	1.1E-09	8.8E-10	8.7E-11	1.7E-08
1520	UCART2	479959.83	3732452.05	479959.81	8.41E-04	8.12E-03	1.23E-04	1.82E-04	2.9E-07	8.8E-07	8.5E-06	4.9E-06	4.4E-06	2.1E-06	1.1E-08	7.0E-08	2.1E-06	1.7E-06	1.5E-06	3.3E-07	5.5E-06	4.2E-08	1.3E-07	9.1E-09	3.0E-09	2.6E-09	5.2E-10	1.6E-09	1.0E-08	2.2E-09	1.0E-09	8.4E-10	8.2E-11	1.6E-08
1521	UCART2	480009.83	3732452.05	480009.81	7.87E-04	7.26E-03	1.13E-04	1.69E-04	2.7E-07	8.2E-07	7.6E-06	4.4E-06	4.0E-06	1.8E-06	1.1E-08	6.6E-08	1.8E-06	1.4E-06	1.3E-06	2.9E-07	4.9E-06	3.9E-08	1.2E-07	7.9E-09	2.7E-09	2.2E-09	4.5E-10	1.5E-09	9.5E-09	1.9E-09	8.8E-10	7.2E-10	7.2E-11	1.5E-08
1522	UCART2	480059.83	3732452.05	480059.81	7.35E-04	6.69E-03	1.06E-04	1.58E-04	2.5E-07	7.7E-07	7.0E-06	4.0E-06	3.7E-06	1.7E-06	1.0E-08	6.2E-08	1.6E-06	1.3E-06	1.2E-06	2.6E-07	4.5E-06	3.7E-08	1.1E-07	7.3E-09	2.4E-09	2.0E-09	4.2E-10	1.4E-09	8.9E-09	1.7E-09	8.1E-10	6.6E-10	6.6E-11	1.4E-08
1523	UCART2	480109.83	3732452.05	480109.81	6.88E-04	6.15E-03	9.89E-05	1.49E-04	2.4E-07	7.2E-07	6.4E-06	3.7E-06	3.4E-06	1.6E-06	9.5E-09	5.8E-08	1.5E-06	1.2E-06	1.1E-06	2.4E-07	4.2E-06	3.4E-08	1.0E-07	6.8E-09	2.2E-09	1.9E-09	3.9E-10	1.3E-09	8.3E-09	1.6E-09	7.5E-10	6.1E-10	6.1E-11	1.3E-08
1524	UCART2	480159.83	3732452.05	480159.81	6.44E-04	5.61E-03	9.27E-05	1.40E-04	2.2E-07	6.7E-07	5.9E-06	3.4E-06	3.1E-06	1.4E-06	8.8E-09	5.4E-08	1.4E-06	1.1E-06	1.0E-06	2.2E-07	3.8E-06	3.2E-08	9.7E-08	6.1E-09	2.1E-09	1.7E-09	3.5E-10	1.3E-09	7.8E-09	1.4E-09	6.8E-10	5.6E-10	5.5E-11	1.2E-08
1525	UCART2	480209.83	3732452.05	480209.81	6.04E-04	5.16E-03	8.70E-05	1.32E-04	2.1E-07	6.3E-07	5.4E-06	3.1E-06	2.8E-06	1.3E-06	8.2E-09	5.1E-08	1.3E-06	1.0E-06	9.3E-07	2.0E-07	3.5E-06	3.0E-08	9.1E-08	5.6E-09	1.9E-09	1.6E-09	3.2E-10	1.2E-09	7.3E-09	1.3E-09	6.2E-10	5.1E-10	5.1E-11	1.1E-08
1526	UCART2	480259.83	3732452.05	480259.81	5.68E-04	4.81E-03	8.17E-05	1.24E-04	2.0E-07	5.9E-07	5.1E-06	2.9E-06	2.6E-06	1.2E-06	7.7E-09	4.8E-08	1.2E-06	9.6E-07	8.7E-07	1.9E-07	3.3E-06	2.8E-08	8.5E-08	5.2E-09	1.8E-09	1.4E-09	3.0E-10	1.1E-09	6.8E-09	1.2E-09	5.8E-10	4.8E-10	4.7E-11	1.0E-08
1527	UCART2	480309.83	3732452.05	480309.81	5.36E-04	4.49E-03	7.71E-05	1.20E-04	1.9E-07	5.6E-07	4.7E-06	2.7E-06	2.5E-06	1.1E-06	7.3E-09	4.5E-08	1.1E-06	9.0E-07	8.1E-07	1.8E-07	3.0E-06	2.7E-08	8.1E-08	4.9E-09	1.6E-09	1.4E-09	2.8E-10	1.0E-09	6.5E-09	1.1E-09	5.4E-10	4.5E-10	4.4E-11	9.7E-09
1528	UCART2	480359.83	3732452.05	480359.81	5.07E-04	4.21E-03	7.29E-05	1.15E-04	1.8E-07	5.3E-07	4.4E-06	2.5E-06	2.3E-06	1.1E-06	6.9E-09	4.2E-08	1.0E-06	8.4E-07	7.6E-07	1.7E-07	2.8E-06	2.5E-08	7.6E-08	4.6E-09	1.5E-09	1.3E-09	2.6E-10	9.9E-10	6.1E-09	1.1E-09	5.1E-10	4.2E-10	4.2E-11	9.1E-09
1529	UCART2	480409.83	3732452.05	480409.81	4.80E-04	3.96E-03	6.92E-05	1.11E-04	1.7E-07	5.0E-07	4.2E-06	2.4E-06	2.2E-06	9.9E-07	6.5E-09	4.0E-08	9.7E-07	7.9E-07	7.2E-07	1.6E-07	2.7E-06	2.4E-08	7.2E-08	4.4E-09	1.4E-09	1.2E-09	2.5E-10	9.4E-10	5.8E-09	1.0E-09	4.8E-10	3.9E-10	3.9E-11	8.7E-09
1530	UCART2	480459.83	3732452.05	480459.81	4.58E-04	3.75E-03	6.60E-05	1.07E-04	1.6E-07	4.8E-07	3.9E-06	2.3E-06	2.1E-06	9.4E-07	6.2E-09	3.8E-08	9.2E-07	7.5E-07	6.8E-07	1.5E-07	2.5E-06	2.3E-08	6.9E-08	4.1E-09	1.4E-09	1.1E-09	2.3E-10	9.0E-10	5.5E-09	9.6E-10	4.5E-10	3.7E-10	3.7E-11	8.2E-09
1531	UCART2	480509.83	3732452.05	480509.81	4.38E-04	3.53E-03	6.30E-05	1.04E-04	1.5E-07	4.6E-07	3.7E-06	2.2E-06	1.9E-06	8.8E-07	6.0E-09	3.7E-08	8.6E-07	7.0E-07	6.4E-07	1.4E-07	2.4E-06	2.2E-08	6.6E-08	3.9E-09	1.3E-09	1.1E-09	2.2E-10	8.6E-10	5.3E-09	9.0E-10	4.3E-10	3.5E-10	3.5E-11	7.9E-09
1532	UCART2	480559.83	3732452.05	480559.81	4.20E-04	3.35E-03	6.05E-05	1.01E-04	1.4E-07	4.4E-07	3.5E-06	2.0E-06	1.8E-06	8.5E-07	5.5E-09	3.4E-08	8.0E-07	6.6E-07	6.1E-07	1.3E-07	2.3E-06	2.1E-08	6.3E-08	3.8E-09	1.2E-09	1.0E-09	2.1E-10	8.2E-10	5.1E-09	8.6E-10	4.1E-10	3.3E-10	3.3E-11	7.5E-09
1533	UCART2	480609.83	3732452.05	480609.81	4.04E-04	3.23E-03	5.82E-05	9.87E-05	1.4E-07	4.2E-07	3.4E-06	2.0E-06	1.8E-06	8.1E-07	5.5E-09	3.4E-08	7.9E-07	6.5E-07	5.9E-07	1.3E-07	2.2E-06	2.0E-08	6.1E-08	3.5E-09	1.2E-09	9.7E-10	2.0E-10	7.9E-10	4.9E-09	8.3E-10	3.9E-10	3.2E-10	3.2E-11	7.2E-09
1534	UCART2	480659.83	3732452.05	480659.81	3.90E-04	3.11E-03	5.62E-05	9.67E-05	1.4E-07	4.1E-07	3.3E-06	1.9E-06	1.7E-06	7.8E-07	5.3E-09	3.3E-08	7.6E-07	6.2E-07	5.6E-07	1.2E-07	2.1E-06	1.9E-08	5.9E-08	3.4E-09	1.1E-09	9.4E-10	1.9E-10	7.6E-10	4.7E-09	8.0E-10	3.8E-10	3.1E-10	3.1E-11	7.0E-09
1535	UCART2	480709.83	3732452.05	480709.81	3.78E-04	3.00E-03	5.44E-05	9.48E-05	1.3E-07	4.0E-07	3.1E-06	1.8E-06	1.6E-06	7.5E-07	5.1E-09	3.2E-08	7.3E-07	6.0E-07	5.4E-07	1.2E-07	2.0E-06	1.9E-08	5.7E-08	3.3E-09	1.1E-09	9.0E-10	1.9E-10	7.4E-10	4.6E-09	7.7E-10	3.6E-10	3.0E-10	3.0E-11	6.8E-09
1536	UCART2	480759.83	3732452.05	480759.81	3.67E-04	2.90E-03	5.26E-05	9.29E-05	1.3E-07	3.8E-07	3.0E-06	1.8E-06	1.6E-06	7.2E-07	5.0E-09	3.1E-08	7.0E-07	5.8E-07	5.2E-07	1.1E-07	1.9E-06	1.8E-08	5.5E-08	3.2E-09	1.1E-09	8.7E-10	1.8E-10	7.2E-10	4.4E-09	7.4E-10	3.5E-10	2.9E-10	2.9E-11	6.6E-09
1537	UCART2	480809.83	3732452.05	480809.81	3.59E-04	2.82E-03	5.16E-05	9.19E-05	1.2E-07	3.7E-07	2.9E-06	1.7E-06	1.5E-06	7.1E-07	4.9E-09	3.0E-08	6.9E-07	5.6E-07	5.1E-07	1.1E-07	1.9E-06	1.8E-08	5.4E-08	3.1E-09	1.0E-09	8.5E-10	1.8E-10	7.0E-10	4.3E-09	7.2E-10	3.4E-10	2.8E-10	2.8E-11	6.4E-09
1538	UCART2	480859.83	3732452.05	480859.81	3.51E-04	2.74E-03	5.05E-05	9.07E-05	1.2E-07	3.7E-07	2.9E-06	1.7E-06	1.5E-06	6.9E-07	4.8E-09	2.9E-08	6.7E-07	5.5E-07	5.0E-07	1.1E-07	1.9E-06	1.7E-08	5.3E-08	3.0E-09	1.0E-09	8.2E-10	1.7E-10	6.9E-10	4.2E-09	7.0E-10	3.3E-10	2.7E-10	2.7E-11	6.2E-09
1539	UCART2	480909.83	3732452.05	480909.81	3.43E-04	2.67E-03	4.94E-05	8.95E-05	1.2E-07	3.6E-07	2.8E-06	1.6E-06	1.4E-06	6.8E-07	4.7E-09	2.9E-08	6.5E-07	5.3E-07	4.9E-07	1.0E-07	1.8E-06	1.7E-08	5.1E-08	2.9E-09	9.8E-10	7.9E-10	1.7E-10	6.7E-10	4.1E-09	6.8E-10	3.2E-10	2.6E-10	2.6E-11	6.0E-09
1540	UCART2	480959.83	3732452.05	480959.81	3.38E-04	2.61E-03	4.86E-05	8.84E-05	1.2E-07	3.5E-07	2.7E-06	1.6E-06	1.4E-06	6.5E-07	4.6E-09	2.8E-08	6.4E-07	5.2E-07	4.7E-07	1.0E-07	1.8E-06	1.7E-08	5.1E-08	2.9E-09	9.6E-10	7.9E-10	1.6E-10	6.6E-10	4.1E-09	6.7E-10	3.2E-10	2.6E-10	2.6E-11	6.0E-09
1541	UCART2	481009.83	3732452.05	481009.81	3.33E-04	2.58E-03	4.78E-05	8.76E-05	1.2E-07	3.5E-07	2.7E-06	1.6E-06	1.4E-06	6.5E-07	4.5E-09	2.8E-08	6.3E-07	5.1E-07	4.7E-07	1.0E-07	1.7E-06	1.7E-08	5.0E-08	2.8E-09	9.4E-10	7.8E-10	1.6E-10	6.5E-10	4.0E-09	6.6E-10	3.1E-10	2.6E-10	2.5E-11	5.9E-09
1542	UCART2	481059.83	3732452.05	481059.81	3.28E-04	3.53E-03	4.72E-05	8.71E-05	1.1E-07	3.4E-07	2.7E-06	1.5E-06	1.4E-06	6.3E-07	4.4E-09	2.7E-08	6.2E-07	5.0E-07	4.6E-07	1.0E-07	1.6E-06	1.6E-08	4.9E-08	2.8E-09	9.2E-10	7.6E-10	1.6E-10	6.4E-10	4.0E-09	6.5E-10	3.1E-10	2.5E-10	2.5E-11	5.8E-09
1543	UCART2	481109.83	3732452.05	481109.81	3.24E-04	2.49E-03	4.66E-05	8.58E-05	1.1E-07	3.4E-07	2.6E-06	1.5E-06	1.4E-06	6.2E-07	4.4E-09	2.7E-08	6.1E-07	5.0E-07	4.5E-07	9.8E-08	1.7E-06	1.6E-08	4.9E-08	2.7E-09	9.1E-10	7.5E-10	1.6E-10	6.3E-10	3.9E-09	6.4E-10	3.0E-10	2.5E-10	2.5E-11	5.7E-09
1544	UCART2	481159.83	3732452.05	481159.81	3.21E-04	2.45E-03	4.62E-05	8.47E-05	1.1E-07	3.4E-07	2.6E-06	1.5E-06	1.3E-06	6.1E-07	4.4E-09	2.7E-08	6.0E-07	4.9E-07	4.4E-07	9.7E-08	1.7E-06	1.6E-08	4.8E-08	2.7E-09	9.0E-10	7.4E-10	1.5E-10	6.3E-10	3.9E-09	6.3E-10	3.0E-10	2.4E-10	2.4E-11	5.7E-09
1545	UCART2	481209.83	3732452.05	481209.81	3.19E-04	2.42E-03	4.58E-05	8.44E-05	1.1E-07	3.3E-07	2.5E-06	1.5E-06	1.3E-06	6.0E-07	4.3E-09	2.7E-08	5.9E-07	4.8E-07	4.4E-07	9.6E-08	1.6E-06	1.6E-08	4.8E-08	2.6E-09	8.9E-10	7.3E-10	1.5E-10	6.2E-10	3.8E-09	6.2E-10	2.9E-10	2.4E-10	2.4E-11	5.6E-09
1546	UCART2	481259.83	3732452.05	481259.81	3.17E-04	2.39E-03	4.55E-05	8.50E-05	1.1E-07	3.3E-07	2.5E-06	1.4E-06	1.3E-06	6.0E-07	4.3E-09	2.7E-08	5.8E-07	4.8E-07	4.3E-07	9.4E-08	1.6E-06	1.6E-08	4.8E-08	2.6E-09	8.7E-10	7.2E-10	1.5E-10	6.2E-10	3.8E-09	6.1E-10	2.9E-10	2.4E-10	2.4E-11	5.6E-09
1547	UCART2	481309.83	3732452.05	481309.81	3.15E-04	2.36E-03	4.52E-05	8.54E-05	1.1E-07	3.3E-07	2.5E-06	1.4E-06	1.3E-06	5.9E-07	4.3E-09	2.6E-08	5.8E-07	4.7E-07	4.3E-07	9.3E-08	1.6E-06	1.6E-08	4.7E-08	2.6E-09	8.7E-10	7.1E-10	1.5E-10	6.1E-10	3.8E-09	6.0E-10	2.9E-10	2.3E-10	2.3E-11	5.5E-09
1548	UCART2	481359.83	3732452.05	481359.81	3.14E-04	2.34E-03	4.50E-05	8.58E-05	1.1E-07	3.3E-07	2.5E-06	1.4E-06	1.3E-06	5.9E-07	4.2E-09	2.6E-08	5.7E-07	4.6E-07	4.2E-07	9.2E-08	1.6E-06	1.6E-08	4.7E-08	2.6E-09	8.6E-10	7.0E-10	1.5E-10	6.1E-10	3.8E-09	5.9E-10	2.8E-10	2.3E-10	2.3E-11	5.5E-09
1549	UCART2	481409.83	3732452.05	481409.81	3.13E-04	2.33E-03	4.49E-05	8.77E-05	1.1E-07	3.3E-07	2.4E-06	1.4E-06	1.3E-06	5.8E-07	4.2E-09	2.6E-08	5.7E-07	4.6E-07	4.2E-07	9.2E-08	1.6E-06	1.6E-08	4.7E-08	2.5E-09	8.5E-10	7.0E-10	1.5E-10	6.1E-10	3.8E-09	5.9E-10	2.8E-10	2.3E-10	2.3E-11	5.5E-09
1550	UCART2	481459.83	3732452.05	481459.81	3.12E-04	2.31E-03	4.48E-05	8.92E-05	1.1E-07	3.3E-07	2.4E-06	1.4E-06	1.3E-06	5.8E-07	4.2E-09	2.6E-08	5.7E-07	4.6E-07	4.2E-07	9.1E-08	1.6E-06	1.5E-08	4.7E-08	2.5E-09	8.5E-10	7.0E-10	1.4E-10	6.1E-10	3.7E-09	5.9E-10	2.8E-10	2.3E-10	2.3E-11	5.5E-09
1551	UCART2	481509.83	3732452.05	481509.81	3.12E-04	2.30E-03	4.47E-05	9.14E-05	1.1E-07	3.3E-07	2.4E-06	1.4E-06	1.3E-06	5.8E-07	4.2E-09	2.6E-08	5.6E-07	4.6E-07	4.1E-07	9.1E-08	1.6E-06	1.5E-08	4.7E-08	2.5E-09	8.4E-10	6.9E-10	1.4E-10	6.1E-10	3.7E-09	5.8E-10	2.8E-10	2.3E-10	2.3E-11	5.5E-09
1552	UCART2	481559.83	3732452.05	481559.81	3.12E-04	2.29E-03	4.47E-05	9.36E-05	1.1E-07	3.3E-07	2.4E-06	1.4E-06	1.3E-06	5.7E-07	4.2E-09	2.6E-08	5.6E-07	4.6E-07	4.1E-07	9.0E-08	1.5E-06	1.5E-08	4.7E-08	2.5E-09	8.4E-10	6.9E-10	1.4E-10	6.1E-10	3.7E-09	5.8E-10	2.8E-10	2.3E-10	2.3E-11	5.5E-09
1553	UCART2	481609.83	3732452.05	481609.81	3.12E-04	2.27E-03	4.47E-05	9.61E-05	1.1E-07	3.3E-07	2.4E-06	1.4E-06	1.2E-06	5.7E-07	4.2E-09	2.6E-08	5.6E-07	4.5E-07	4.1E-07	9.0E-08	1.5E-06	1.5E-08	4.7E-08	2.5E-09	8.3E-10	6.8E-10	1.4E-10	6.1E-10	3.7E-09	5.8E-10	2.7E-10	2.3E-10	2.3E-11	5.5E-09
1554	UCART2	481659.83	3732452.05	481659.81	3.13E-04	2.26E-03	4.47E-05	9.91E-05	1.1E-07	3.3E-07	2.4E-06	1.4E-06	1.2E-06	5.7E-07	4.3E-09	2.6E-08	5.5E-07	4.5E-07	4.1E-07	8.9E-08	1.5E-06	1.5E-08	4.7E-08	2.5E-09	8.3E-10	6.8E-10	1.4E-10	6.1E-10	3.7E-09	5.8E-10	2.7E-10	2.2E-10	2.2E-11	5.5E-09
1555	UCART2	479709.83	3732502.05	479709.81	1.17E-03	1.21E-02	1.68E-04	2.57E-04	4.1E-07	1.2E-06	1.2E-05	7.4E-06	6.8E-06	3.0E-06	1.6E-08	9.8E-08	2.9E-06	2.4E-06	2.2E-06	4.8E-07	8.2E-06	5.8E-08	1.7E-07	1.3E-08	4.5E-09	3.6E-09	7.6E-10	2.3E-09	1.4E-08	3.1E-09	1.5E-09	1.2E-09	1.2E-10	2.3E-08
1556	UCART2	479759.83	3732502.05	479759.81	1.14E-03	1.16E-02	1.64E-04	2.50E-04	4.0E-07	1.2E-06	1.2E-05	7.0E-06	6.3E-06	2.9E-06	1.6E-08	9.6E-08	2.8E-06	2.3E-06	2.1E-06	4.6E-07	7.8E-06	5.7E-08	1.7E-07	1.3E-08	4.2E-09	3.5E-09	7.2E-10	2.2E-09	1.4E-08	3.0E-09	1.4E-09	1.1E-09	1.1E-10	2.2E-08
1557	UCART2	479809.83	3732502.05	479809.81	1.09E-03	1.09E-02	1.57E-04	2.39E-04	3.8E-07	1.1E-06	1.1E-05	6.6E-06	6.0E-06	2.7E-06	1.5E-08	9.2E-08	2.7E-06	2.2E-06	2.0E-06	4.3E-07	7.3E-06	5.4E-08	1.6E-07	1.2E-08	4.0E-09	3.3E-09	6.8E-10	2.1E-09	1.3E-08	2.8E-09	1.3E-09	1.1E-09	1.1E-10	2.1E-08
1558	UCART2	479859.83	3732502.05	479859.81	1.03E-03	1.03E-02	1.49E-04	2.24E-04	3.6E-07	1.0E-06	1.0E-05	6.2E-06	5.6E-06	2.5E-06	1.4E-08	8.6E-08	2.5E-06	2.1E-06	1.9E-06	4.1E-07	6.9E-06	5.1E-08	1.5E-07	1.1E-08	3.8E-09	3.1E-09	6.4E-10	2.0E-09	1.2E-08	2.6E-09	1.2E-09	1.0E-09	1.0E-10	1.9E-08
1559	UCART2	479909.83	3732502.05	479909.81	9.63E-04	9.39E-03	1.39E-04	2.09E-04	3.3E-07	1.0E-06	9.8E-06	5.7E-06	5.2E-06	2.4E-06	1.3E-08	8.1E-08	2.3E-06	1.9E-06	1.7E-06	3.7E-07	6.3E-06	4.8E-08	1.4E-07	1.0E-08	3.4E-09	2.8E-09	5.9E-10	1.9E-09	1.2E-08	2.4E-09	1.1E-09	9.3E-10	9.3E-11	1.8E-08
1560	UCART2	479959.83	3732502.05	479959.81	9.02E-04	8.38E-03	1.30E-04	1.94E-04	3.1E-07	9.4E-07	8.8E-06	5.1E-06	4.6E-06	2.1E-06	1.2E-08	7.6E-08	2.1E-06	1.7E-06	1.5E-06	3.3E-07	5.7E-06	4.5E-08	1.4E-07	9.2E-09	3.1E-09	2.5E-09	5.2E-10	1.8E-09	1.1E-08	2.1E-09	1.0E-09	8.3E-10	8.3E-11	1.7E-08
1561	UCART2	480009.83	3732502.05	480009.81	8.40E-04	7.74E-03	1.21E-04	1.80E-04	2.9E-07	8.7E-07	8.1E-06	4.7E-06	4.3E-06	1.9E-06	1.1E-08	7.0E-08	1.9E-06	1.6E-06	1.4E-06	3.1E-07	5.3E-06	4.2E-08	1.3E-07	8.6E-09	2.9E-09	2.4E-09	4.9E-10	1.7E-09	1.0E-08	2.0E-09	9.6E-10	7.8E-10	7.7E-11	1.6E-08
1562	UCART2	480059.83	3732502.05	480059.81	7.78E-04	6.82E-03	1.12E-04	1.67E-04	2.7E-07	8.1E-07	7.5E-06	4.4E-06	3.9E-06	1.7E-06	1.1E-08	6.5E-08	1.7E-06	1.4E-06	1.2E-06	2.7E-07	4.6E-06	3.9E-08	1.2E-07	7.5E-09	2.5E-09	2.1E-09	4.3E-10	1.5E-09	9.4E-09	1.7E-09	8.2E-10	6.8E-10	6.7E-11	1.4E-08
1563	UCART2	480109.83	3732502.05



1891	UCART2	480509.83	3732902.05	480509.8	5.01E-04	4.44E-03	7.25E-05	1.40E-04	1.7E-07	5.2E-07	4.6E-06	2.7E-06	2.4E-06	1.1E-06	6.8E-09	4.2E-08	1.1E-06	8.9E-07	8.0E-07	1.8E-07	3.0E-06	2.5E-08	7.6E-08	4.8E-08	1.6E-09	1.3E-09	2.8E-10	9.9E-10	6.1E-09	1.1E-09	5.4E-10	4.4E-10	4.4E-11	9.2E-09
1892	UCART2	480559.83	3732902.05	480559.8	4.79E-04	4.20E-03	6.93E-05	1.37E-04	1.7E-07	5.0E-07	4.4E-06	2.5E-06	2.3E-06	1.1E-06	6.5E-09	4.0E-08	1.0E-06	8.4E-07	7.6E-07	1.7E-07	2.8E-06	2.4E-08	7.2E-08	4.6E-08	1.5E-09	1.3E-09	2.6E-10	9.4E-10	5.8E-09	1.1E-09	5.1E-10	4.2E-10	4.2E-11	8.8E-09
1893	UCART2	480609.83	3732902.05	480609.8	4.60E-04	4.00E-03	6.66E-05	1.35E-04	1.6E-07	4.8E-07	4.2E-06	2.4E-06	2.2E-06	1.0E-06	6.3E-09	3.9E-08	9.8E-07	8.0E-07	7.2E-07	1.6E-07	2.7E-06	2.3E-08	7.0E-08	4.4E-08	1.5E-09	1.2E-09	2.5E-10	9.1E-10	5.6E-09	1.0E-09	4.8E-10	4.0E-10	4.1E-11	8.4E-09
1894	UCART2	480659.83	3732902.05	480659.8	4.44E-04	3.83E-03	6.43E-05	1.34E-04	1.5E-07	4.6E-07	4.0E-06	2.3E-06	2.1E-06	9.6E-07	6.0E-09	3.7E-08	9.4E-07	7.7E-07	6.9E-07	1.5E-07	2.6E-06	2.2E-08	6.7E-08	4.2E-08	1.4E-09	1.2E-09	2.4E-10	8.7E-10	5.4E-09	9.8E-10	4.6E-10	3.8E-10	3.8E-11	8.1E-09
1895	UCART2	480709.83	3732902.05	480709.8	4.32E-04	3.72E-03	6.25E-05	1.32E-04	1.5E-07	4.5E-07	3.9E-06	2.3E-06	2.0E-06	9.3E-07	5.9E-09	3.6E-08	9.1E-07	7.4E-07	6.7E-07	1.5E-07	2.5E-06	2.2E-08	6.5E-08	4.1E-08	1.4E-09	1.1E-09	2.3E-10	8.5E-10	5.2E-09	9.5E-10	4.5E-10	3.7E-10	3.7E-11	7.9E-09
1896	UCART2	480759.83	3732902.05	480759.8	4.21E-04	3.61E-03	6.11E-05	1.32E-04	1.5E-07	4.4E-07	3.8E-06	2.2E-06	2.0E-06	9.0E-07	5.7E-09	3.5E-08	8.8E-07	7.2E-07	6.5E-07	1.4E-07	2.4E-06	2.1E-08	6.4E-08	4.0E-08	1.4E-09	1.1E-09	2.3E-10	8.3E-10	5.1E-09	9.2E-10	4.4E-10	3.6E-10	3.6E-11	7.7E-09
1897	UCART2	480809.83	3732902.05	480809.8	4.14E-04	3.51E-03	5.99E-05	1.31E-04	1.4E-07	4.3E-07	3.7E-06	2.1E-06	1.9E-06	8.8E-07	5.6E-09	3.5E-08	8.6E-07	7.0E-07	6.3E-07	1.4E-07	2.4E-06	2.1E-08	6.3E-08	3.8E-08	1.3E-09	1.1E-09	2.2E-10	8.2E-10	5.0E-09	9.0E-10	4.2E-10	3.5E-10	3.5E-11	7.5E-09
1898	UCART2	480859.83	3732902.05	480859.8	4.09E-04	3.43E-03	5.91E-05	1.31E-04	1.4E-07	4.3E-07	3.6E-06	2.1E-06	1.9E-06	8.6E-07	5.6E-09	3.4E-08	8.4E-07	6.8E-07	6.2E-07	1.4E-07	2.3E-06	2.0E-08	6.2E-08	3.7E-08	1.3E-09	1.0E-09	2.1E-10	8.0E-10	5.0E-09	8.8E-10	4.1E-10	3.4E-10	3.4E-11	7.4E-09
1899	UCART2	480909.83	3732902.05	480909.8	4.05E-04	3.36E-03	5.85E-05	1.32E-04	1.4E-07	4.2E-07	3.5E-06	2.0E-06	1.8E-06	8.4E-07	5.5E-09	3.4E-08	8.2E-07	6.7E-07	6.1E-07	1.3E-07	2.3E-06	2.0E-08	6.1E-08	3.7E-08	1.2E-09	1.0E-09	2.1E-10	8.0E-10	4.9E-09	8.6E-10	4.0E-10	3.3E-10	3.3E-11	7.3E-09
1900	UCART2	480959.83	3732902.05	480959.8	4.02E-04	3.30E-03	5.80E-05	1.32E-04	1.4E-07	4.2E-07	3.5E-06	2.0E-06	1.8E-06	8.2E-07	5.5E-09	3.4E-08	8.1E-07	6.6E-07	6.0E-07	1.3E-07	2.2E-06	2.0E-08	6.1E-08	3.6E-08	1.2E-09	9.9E-10	2.1E-10	7.9E-10	4.9E-09	8.5E-10	4.0E-10	3.3E-10	3.3E-11	7.3E-09
1901	UCART2	481009.83	3732902.05	481009.8	4.02E-04	3.29E-03	5.80E-05	1.33E-04	1.4E-07	4.2E-07	3.5E-06	2.0E-06	1.8E-06	8.2E-07	5.5E-09	3.4E-08	8.1E-07	6.6E-07	6.0E-07	1.3E-07	2.2E-06	2.0E-08	6.1E-08	3.6E-08	1.2E-09	9.9E-10	2.1E-10	7.9E-10	4.9E-09	8.4E-10	4.0E-10	3.3E-10	3.3E-11	7.2E-09
1902	UCART2	481059.83	3732902.05	481059.8	4.03E-04	3.28E-03	5.81E-05	1.35E-04	1.4E-07	4.2E-07	3.4E-06	2.0E-06	1.8E-06	8.2E-07	5.5E-09	3.4E-08	8.0E-07	6.6E-07	5.9E-07	1.3E-07	2.2E-06	2.0E-08	6.1E-08	3.6E-08	1.2E-09	9.9E-10	2.1E-10	7.9E-10	4.9E-09	8.4E-10	4.0E-10	3.2E-10	3.2E-11	7.2E-09
1903	UCART2	481109.83	3732902.05	481109.8	3.98E-04	3.24E-03	5.75E-05	1.36E-04	1.4E-07	4.1E-07	3.4E-06	2.0E-06	1.8E-06	8.1E-07	5.4E-09	3.3E-08	7.9E-07	6.5E-07	5.9E-07	1.3E-07	2.2E-06	2.0E-08	6.1E-08	3.6E-08	1.2E-09	9.8E-10	2.1E-10	7.9E-10	4.9E-09	8.4E-10	4.0E-10	3.3E-10	3.3E-11	7.1E-09
1904	UCART2	481159.83	3732902.05	481159.8	4.08E-04	3.30E-03	5.88E-05	1.38E-04	1.4E-07	4.3E-07	3.4E-06	2.0E-06	1.8E-06	8.3E-07	5.6E-09	3.4E-08	8.1E-07	6.6E-07	6.0E-07	1.3E-07	2.2E-06	2.0E-08	6.1E-08	3.6E-08	1.2E-09	9.9E-10	2.1E-10	8.0E-10	4.9E-09	8.4E-10	4.0E-10	3.3E-10	3.3E-11	7.3E-09
1905	UCART2	481209.83	3732902.05	481209.8	4.13E-04	3.33E-03	5.94E-05	1.39E-04	1.4E-07	4.3E-07	3.5E-06	2.0E-06	1.8E-06	8.3E-07	5.6E-09	3.5E-08	8.1E-07	6.6E-07	6.0E-07	1.3E-07	2.3E-06	2.1E-08	6.2E-08	3.6E-08	1.2E-09	1.0E-09	2.1E-10	8.1E-10	5.0E-09	8.5E-10	4.0E-10	3.3E-10	3.3E-11	7.4E-09
1906	UCART2	481259.83	3732902.05	481259.8	4.19E-04	3.37E-03	6.02E-05	1.41E-04	1.4E-07	4.4E-07	3.6E-06	2.1E-06	1.8E-06	8.4E-07	5.7E-09	3.5E-08	8.2E-07	6.7E-07	6.1E-07	1.3E-07	2.3E-06	2.1E-08	6.3E-08	3.7E-08	1.2E-09	1.0E-09	2.1E-10	8.2E-10	5.0E-09	8.6E-10	4.1E-10	3.3E-10	3.3E-11	7.5E-09
1907	UCART2	481309.83	3732902.05	481309.8	4.26E-04	3.42E-03	6.11E-05	1.43E-04	1.5E-07	4.4E-07	3.6E-06	2.1E-06	1.9E-06	8.6E-07	5.8E-09	3.6E-08	8.4E-07	6.8E-07	6.2E-07	1.4E-07	2.3E-06	2.1E-08	6.4E-08	3.7E-08	1.3E-09	1.0E-09	2.1E-10	8.3E-10	5.1E-09	8.8E-10	4.1E-10	3.4E-10	3.4E-11	7.6E-09
1908	UCART2	481359.83	3732902.05	481359.8	4.34E-04	3.49E-03	6.22E-05	1.46E-04	1.5E-07	4.5E-07	3.6E-06	2.1E-06	1.9E-06	8.7E-07	5.9E-09	3.6E-08	8.5E-07	7.0E-07	6.3E-07	1.4E-07	2.4E-06	2.2E-08	6.5E-08	3.8E-08	1.3E-09	1.0E-09	2.2E-10	8.5E-10	5.2E-09	8.9E-10	4.2E-10	3.5E-10	3.4E-11	7.8E-09
1909	UCART2	481409.83	3732902.05	481409.8	4.34E-04	3.56E-03	6.34E-05	1.50E-04	1.6E-07	4.6E-07	3.7E-06	2.2E-06	2.0E-06	8.9E-07	6.0E-09	3.7E-08	8.7E-07	7.2E-07	6.5E-07	1.4E-07	2.4E-06	2.2E-08	6.6E-08	3.9E-08	1.3E-09	1.0E-09	2.2E-10	8.6E-10	5.3E-09	9.1E-10	4.3E-10	3.5E-10	3.5E-11	7.9E-09
1910	UCART2	481459.83	3732902.05	481459.8	4.52E-04	3.64E-03	6.47E-05	1.55E-04	1.6E-07	4.7E-07	3.8E-06	2.2E-06	2.0E-06	9.1E-07	6.1E-09	3.8E-08	8.9E-07	7.3E-07	6.6E-07	1.4E-07	2.5E-06	2.2E-08	6.8E-08	4.0E-08	1.3E-09	1.1E-09	2.3E-10	8.8E-10	5.4E-09	9.3E-10	4.4E-10	3.6E-10	3.6E-11	8.1E-09
1911	UCART2	481509.83	3732902.05	481509.8	4.62E-04	3.73E-03	6.61E-05	1.63E-04	1.6E-07	4.8E-07	3.9E-06	2.3E-06	2.0E-06	9.3E-07	6.3E-09	3.9E-08	9.1E-07	7.4E-07	6.7E-07	1.5E-07	2.5E-06	2.3E-08	6.9E-08	4.1E-08	1.4E-09	1.1E-09	2.3E-10	9.0E-10	5.5E-09	9.5E-10	4.5E-10	3.7E-10	3.7E-11	8.2E-09
1912	UCART2	481559.83	3732902.05	481559.8	4.73E-04	3.82E-03	6.76E-05	1.74E-04	1.6E-07	4.9E-07	4.0E-06	2.3E-06	2.1E-06	9.6E-07	6.4E-09	4.1E-08	9.3E-07	7.6E-07	6.9E-07	1.5E-07	2.6E-06	2.3E-08	7.1E-08	4.2E-08	1.4E-09	1.1E-09	2.4E-10	9.2E-10	5.7E-09	9.8E-10	4.6E-10	3.8E-10	3.8E-11	8.4E-09
1913	UCART2	481609.83	3732902.05	481609.8	4.85E-04	3.92E-03	6.92E-05	1.87E-04	1.7E-07	5.1E-07	4.1E-06	2.4E-06	2.1E-06	9.8E-07	6.6E-09	4.1E-08	9.6E-07	7.8E-07	7.1E-07	1.5E-07	2.6E-06	2.4E-08	7.2E-08	4.3E-08	1.4E-09	1.2E-09	2.4E-10	9.4E-10	5.8E-09	1.0E-09	4.7E-10	3.9E-10	3.9E-11	8.6E-09
1914	UCART2	481659.83	3732902.05	481659.8	4.98E-04	4.00E-03	7.10E-05	2.03E-04	1.7E-07	5.2E-07	4.2E-06	2.4E-06	2.2E-06	1.0E-06	6.8E-09	4.2E-08	9.8E-07	8.0E-07	7.2E-07	1.6E-07	2.7E-06	2.5E-08	7.4E-08	4.4E-08	1.4E-09	1.2E-09	2.5E-10	9.7E-10	5.9E-09	1.0E-09	4.8E-10	4.0E-10	4.0E-11	8.9E-09
1915	UCART2	479709.83	3732952.05	479709.8	8.63E-03	4.68E-02	1.25E-03	7.17E-04	3.0E-06	9.0E-06	4.9E-05	2.8E-05	2.6E-05	1.2E-05	1.2E-07	7.2E-07	1.1E-05	9.3E-06	8.5E-06	1.8E-06	3.2E-05	4.3E-07	1.3E-06	5.1E-08	1.7E-08	1.4E-08	2.9E-09	1.7E-08	1.0E-07	1.2E-08	5.7E-09	4.6E-09	4.6E-10	1.4E-07
1916	UCART2	479759.83	3732952.05	479759.8	8.70E-03	4.72E-02	1.26E-03	5.78E-04	3.0E-06	9.1E-06	4.9E-05	2.8E-05	2.6E-05	1.2E-05	1.2E-07	7.2E-07	1.1E-05	9.4E-06	8.5E-06	1.8E-06	3.2E-05	4.4E-07	1.3E-06	5.1E-08	1.7E-08	1.4E-08	2.9E-09	1.7E-08	1.0E-07	1.2E-08	5.7E-09	4.6E-09	4.6E-10	1.4E-07
1917	UCART2	479809.83	3732952.05	479809.8	3.15E-03	2.53E-02	4.54E-04	4.75E-04	1.1E-06	3.3E-06	2.6E-05	1.5E-05	1.4E-05	6.3E-06	4.3E-08	2.6E-07	6.2E-06	5.0E-06	4.6E-06	1.0E-06	1.7E-05	1.6E-07	4.7E-07	2.8E-08	9.2E-09	7.6E-09	1.6E-09	6.2E-09	3.8E-08	6.5E-09	3.1E-09	2.5E-09	2.5E-10	5.7E-08
1918	UCART2	479859.83	3732952.05	479859.8	2.38E-03	2.01E-02	3.43E-04	4.01E-04	8.2E-07	2.5E-06	2.1E-05	1.2E-05	1.1E-05	5.0E-06	3.2E-08	2.0E-07	4.9E-06	4.0E-06	3.6E-06	7.9E-07	1.4E-05	1.2E-07	3.6E-07	2.2E-08	7.4E-09	6.1E-09	1.3E-09	4.7E-09	2.9E-08	5.1E-09	2.4E-09	2.0E-09	2.0E-10	4.3E-08
1919	UCART2	479909.83	3732952.05	479909.8	1.88E-03	1.60E-02	2.72E-04	3.60E-04	6.5E-07	2.0E-06	1.7E-05	9.5E-06	9.1E-06	4.2E-06	2.6E-08	1.6E-07	4.1E-06	3.3E-06	3.0E-06	6.6E-07	1.1E-05	9.4E-08	2.8E-07	1.8E-08	6.1E-09	5.0E-09	1.0E-09	3.9E-09	2.3E-08	4.2E-09	2.0E-09	1.6E-09	1.6E-10	3.4E-08
1920	UCART2	479959.83	3732952.05	479959.8	1.56E-03	1.39E-02	2.25E-04	3.00E-04	5.4E-07	1.6E-06	1.5E-05	7.2E-06	6.5E-06	3.0E-06	1.8E-08	1.1E-07	2.9E-06	2.4E-06	2.1E-06	4.7E-07	8.0E-06	7.8E-08	2.3E-07	1.5E-08	5.1E-09	4.2E-09	8.7E-10	3.1E-09	1.9E-08	3.6E-09	1.7E-09	1.4E-09	1.4E-10	2.9E-08
1921	UCART2	480009.83	3732952.05	480009.8	1.33E-03	1.18E-02	1.91E-04	2.64E-04	4.6E-07	1.4E-06	1.2E-05	7.2E-06	6.5E-06	3.0E-06	1.8E-08	1.1E-07	2.9E-06	2.4E-06	2.1E-06	4.7E-07	8.0E-06	6.6E-08	2.0E-07	1.3E-08	4.3E-09	3.6E-09	7.4E-10	2.6E-09	1.6E-08	3.0E-09	1.4E-09	1.2E-09	1.2E-10	2.4E-08
1922	UCART2	480059.83	3732952.05	480059.8	1.15E-03	1.01E-02	1.66E-04	2.36E-04	4.0E-07	1.2E-06	1.0E-05	5.6E-06	5.2E-06	2.4E-06	1.6E-08	9.6E-08	2.5E-06	2.1E-06	1.8E-06	4.0E-07	6.9E-06	5.7E-08	1.7E-07	1.1E-08	3.7E-09	3.1E-09	6.4E-10	2.2E-09	1.4E-08	2.6E-09	1.2E-09	1.0E-09	1.0E-10	2.1E-08
1923	UCART2	480109.83	3732952.05	480109.8	1.00E-03	8.94E-03	1.44E-04	2.15E-04	3.5E-07	1.0E-06	9.3E-06	5.4E-06	4.9E-06	2.2E-06	1.4E-08	8.4E-08	2.2E-06	1.8E-06	1.6E-06	3.5E-07	6.0E-06	5.0E-08	1.5E-07	9.8E-09	3.3E-09	2.7E-09	5.6E-10	2.0E-09	1.2E-08	2.3E-09	1.1E-09	8.9E-10	8.8E-11	1.8E-08
1924	UCART2	480159.83	3732952.05	480159.8	8.86E-04	7.98E-03	1.28E-04	1.98E-04	3.1E-07	9.3E-07	8.3E-06	4.8E-06	4.4E-06	2.0E-06	1.2E-08	7.4E-08	2.0E-06	1.6E-06	1.4E-06	3.1E-07	5.4E-06	4.4E-08	1.3E-07	8.7E-09	2.9E-09	2.4E-09	5.0E-10	1.7E-09	1.1E-08	2.0E-09	9.6E-10	7.9E-10	7.9E-11	1.6E-08
1925	UCART2	480209.83	3732952.05	480209.8	7.94E-04	7.18E-03	1.15E-04	1.84E-04	2.7E-07	8.4E-07	7.5E-06	4.3E-06	3.9E-06	1.8E-06	1.1E-08	6.8E-08	1.8E-06	1.4E-06	1.3E-06	2.8E-07	4.9E-06	4.0E-08	1.2E-07	7.8E-09	2.6E-09	2.2E-09	4.5E-10	1.6E-09	9.6E-09	1.8E-09	8.7E-10	7.1E-10	7.1E-11	1.5E-08
1926	UCART2	480259.83	3732952.05	480259.8	7.19E-04	6.52E-03	1.04E-04	1.73E-04	2.5E-07	7.5E-07	6.8E-06	3.9E-06	3.6E-06	1.6E-06	9.8E-09	6.0E-08	1.6E-06	1.3E-06	1.2E-06	2.6E-07	4.4E-06	3.6E-08	1.1E-07	7.1E-09	2.4E-09	2.0E-09	4.1E-10	1.4E-09	8.7E-09	1.7E-09	7.9E-10	6.5E-10	6.4E-11	1.3E-08
1927	UCART2	480309.83	3732952.05	480309.8	6.58E-04	5.98E-03	9.51E-05	1.64E-04	2.3E-07	6.9E-07	6.2E-06	3.6E-06	3.3E-06	1.5E-06	8.9E-09	5.5E-08	1.5E-06	1.2E-06	1.1E-06	2.4E-07	4.0E-06	3.3E-08	9.9E-08	6.5E-09	2.2E-09	1.8E-09	3.7E-10	1.3E-09	8.0E-09	1.5E-09	7.2E-10	5.9E-10	5.9E-11	1.2E-08
1928	UCART2	480359.83	3732952.05	480359.8	6.08E-04	5.53E-03	8.79E-05	1.52E-04	2.1E-07	6.4E-07	5.8E-06	3.3E-06	3.0E-06	1.4E-06	8.2E-09	5.1E-08	1.3E-06	1.1E-06	1.0E-06	2.2E-07	3.7E-06	3.0E-08	9.2E-08	6.0E-09	2.0E-09	1.7E-09	3.5E-10	1.2E-09	7.4E-09	1.4E-09	6.7E-10	5.5E-10	5.4E-11	1.1E-08
1929	UCART2	480409.83	3732952.05	480409.8	5.66E-04	5.12E-03	8.19E-05	1.53E-04	2.0E-07	5.9E-07	5.4E-06	3.1E-06	2.8E-06	1.3E-06	7.7E-09	4.7E-08	1.3E-06	1.0E-06	9.3E-07	2.0E-07	3.5E-06	2.8E-08	8.6E-08	5.6E-09	1.9E-09	1.5E-09	3.2E-10	1.1E-09	6.9E-09	1.3E-09	6.2E-10	5.1E-10	5.1E-11	1.0E-08
1930	UCART2	480459.83	3732952.05	480459.8	5.33E-04	4.79E-03	7.71E-05	1.49E-04	1.8E-07	5.6E-07	5.0E-06	2.9E-06	2.6E-06	1.2E-06	7.2E-09	4.5E-08	1.2E-06	9.6E-07	8.7E-07	1.9E-07	3.2E-06	2.7E-08	8.1E-08	5.2E-09	1.8E-09	1.4E-09	3.0E-10	1.0E-09	6.5E-09	1.2E-09	5.8E-10	4.8E-10	4.7E-11	9.8E-09
1931	UCART2	480509.83	3732952.05	480509.8	5.03E-04	4.53E-03	7.29E-05	1.45E-04	1.7E-07	5.3E-07	4.7E-06	2.7E-06	2.5E-06	1.1E-06	6.8E-09	4.2E-08	1.1E-06	9.0E-07	8.2E-07	1.8E-07	3.0E-06	2.5E-08	7.7E-08	4.9E-08	1.7E-09	1.3E-09	2.8E-10	9.6E-10	6.1E-09	1.1E-09	5.4E-10	4.5E-10	4.4E-11	9.2E-09
1932	UCART2	480559.83	3732952.05	480559.8	4.83E-04	4.27E-03	7.00E-05	1.43E-04	1.7E-07	5.0E-07	4.5E-06	2.6E-06	2.3E-06	1.1E-06	6.6E-09	4.0E-08	1.0E-06	8.5E-07	7.7E-07	1.7E-07	2.9E-06	2.4E-08	7.3E-08	4.7E-08	1.6E-09	1.3E-09	2.7E-10	9.2E-10	5.9E-09	1.1E-09	5.2E-10	4.3E-10	4.2E-11	8.8E-09
1933	UCART2	480609.83	3732952.05	480609.8	4.64E-04	4.07E-03	6.73E-05	1.41E-04	1.6E-07	4.8E-07	4.3E-06	2.5E-06	2.2E-06	1.0E-06	6.3E-09	3.9E-08	9.6E-07	8.1E-07	7.4E-07	1.6E-07	2.8E-06	2.3E-08	7.0E-08	4.4E-08	1.5E-09	1.2E-09	2.6E-10	9.1E-10	5.6E-09	1.0E-09	4.9E-10	4.0E-10	4.0E-11	8.5E-09
1934	UCART2	480659.83	3732952.05	480659.8	4.49E-04	3.90E-03	6.51E-05	1.40E-04	1.6E-07	4.7E-07	4.1E-06	2.4E-06	2.1E-06	9.8E-07	6.1E-09	3.8E-08	9.5E-07	7.8E-07	7.1E-07	1.5E-07	2.6E-06	2.3E-08	6.8E-08	4.3E-08	1.4E-09	1.2E-09	2.4E-10	8.8E-10	5.4E-09	1.0E-09	4.7E-10	3.9E-10	3.9E-11	8.2E-09
1935	UCART2	480709.83	3732952.05	480709.8	4.37E-04	3.80E-03	6.34E-05	1.38E-04	1.5E-07	4.6E-07	4.0E-06	2.3E-06	2.1E-06	9.5E-07	5.9E-09	3.7E-08	9.2E-07	7.6E-07	6.9E-07	1.5E-07	2.5E-06	2.2E-08	6.7E-08	4.2E-08	1.4E-09	1.1E-09	2.4E-10	8.6E-10	5.3E-09	9.7E-10	4.6E-10	3.8E-10	3.8E-11	8.0E-09
1936	UCART2	480759.83	3732952.05	480759.8	4.27E-04	3.66E-03	6.19E-05	1.38E-04	1.5E-07	4.5E-07	3.8E-06	2.2E-06	2.0E-06	9.2E-07	5.8E-09	3.6E-08	9.0E-07	7.3E-07	6.6E-07	1.4E-07	2.5E-06	2.1E-08	6.5E-08	4.0E-08	1.3E-09	1.1E-09	2.3E-10	8.4E-10	5.2E-09	9.4E-10	4.4E-10	3.6E-10	3.6E-11	7.8E-09
1937	UCART2	480809.83	3732952.05	480809.8	4.20E-04	3.57E-03	6.08E-05	1.38E-04	1.5E-07	4.4E-07	3.7E-06	2.2E-06	2.0E-06	8.9E-07	5.7E-09	3.5E-08	8.7E-07	7.1E-07	6.5E-07	1.4E-07	2.4E-06	2.1E-08	6.4E-08	3.9E-08	1.3E-09	1.1E-09	2.2E-10	8.3E-10	5.1E-09	9.1E-10	4.3E-10	3.5E-10	3.5E-11	7.7E-09
1938	UCART2	480859.83	3732952.05	480859.8	4.15E-04	3.53E-03	6.00E-05	1.38E-04	1.5E-07	4.4E-07	3.7E-06	2.1E-06	1.9E-06	8.8E-07	5.6E-09	3.4E-08	8.6E-07	7.0E-07	6.4E-07	1.4E-07	2.4E-06	2.1E-08	6.4E-08	3.8E-08	1.3E-09	1.1E-09	2.2E-10	8.2E-10	5.0E-09	8.9E-10	4.2E-10	3.5E-10	3.5E-11	7.6E-09
1939	UCART2	480909.83	3732952.05	480909.8	4.12E-04	3.44E-03	5.96E-05	1.39E-04	1.4E-07	4.3E-07	3.6E-06	2.1E-06	1.9E-06	8.6E-07	5.6E-09	3.4E-08	8.4E-07	6.9E-07	6.2E-07	1.4E-07	2.3E-06	2.1E-08	6.2E-08	3.8E-08	1.3E-09	1.0E-09	2.2E-10	8.1E-10	5.0E-09	8.8E-10	4.2E-10	3.4E-10	3.4E-11	7.5E-09
1940	UCART2	480959.83	3732952.05	480959.8	4.10E-04	3.40E-03	5.94E-05	1.41E-04	1.4E-07	4.3E-07	3.6E-06	2.1E-06	1.9E-06	8.5E-07	5.6E-09	3.4E-08	8.3E-07	6.8E-07	6.2E-07	1.3E-07	2.3E-06	2.1E-06	6.2E-08	3.7E-08	1.2E-09	1.0E-09	2.1E-10	8.1E-10	5.0E-09	8.7E-10	4.1E-10	3.4E-10	3.4E-11	7.4E-09
1941	UCART2	481009.83	3732952.05	481009.8	4.11E-04	3.40E-03	5.92E-05	1.40E-04	1.4E-07	4.3E-07	3.5E-06	2.1E-06	1.9E-06	8.5E-07	5.6E-09	3.4E-08	8.3E-07	6.8E-07	6.2E-07	1.3E-07	2.3E-06	2.1E-06	6.2E-08	3.7E-08	1.2E-09	1.0E-09	2.1E-10	8.1E-10	5.0E-09	8.6E-10	4.1E-10	3.4E-10	3.3E-11	7.4E-09
1942	UCART2	481059.83	3732952.05	481059.8	4.13E-04	3.38E-03	5.96E-05	1.44E-04	1.4E-07	4.3E-07	3.5E-06	2.1E-06	1.9E-06	8.5E-07	5.6E-09	3.4E-08	8.3E-07	6.7E-07	6.1E-07	1.3E-07	2.3E-06	2.1E-06	6.2E-08	3.7E-08	1.2E-09	1.0E-09	2.1E-10	8.1E-10	5.0E-09	8.6E-10	4.1E-10	3.4E-10	3.4E-11	7.4E-09
1943	UCART2	481109.83	3732952.05





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2462	UCART2	481059.83	3733602.05	481059.83	4.98E-04	4.58E-03	8.53E-05	7.85E-04	1.7E-07	5.2E-07	4.8E-06	2.8E-06	2.5E-06	1.1E-06	6.8E-09	4.2E-08	1.1E-06	9.1E-07	8.3E-07	1.8E-07	3.1E-06	3.0E-08	8.9E-08	5.0E-09	1.7E-09	1.4E-09	2.9E-10	1.2E-09	7.1E-09	1.2E-09	5.5E-10	4.5E-10	4.5E-11	1.1E-08
2463	UCART2	481109.83	3733602.05	481109.83	5.24E-04	4.76E-03	8.88E-05	7.91E-04	1.8E-07	5.3E-07	5.0E-06	2.9E-06	2.6E-06	1.2E-06	7.1E-09	4.4E-08	1.2E-06	9.5E-07	8.6E-07	1.9E-07	3.2E-06	3.1E-08	9.3E-08	5.2E-09	1.7E-09	1.4E-09	3.0E-10	1.2E-09	7.4E-09	1.2E-09	5.7E-10	4.7E-10	4.7E-11	1.1E-08
2464	UCART2	481159.83	3733602.05	481159.83	5.58E-04	5.06E-03	9.37E-05	7.99E-04	1.9E-07	5.8E-07	5.2E-06	3.0E-06	2.7E-06	1.3E-06	7.6E-09	4.7E-08	1.2E-06	1.0E-06	9.0E-07	2.0E-07	3.4E-06	3.2E-08	9.8E-08	5.5E-09	1.8E-09	1.5E-09	3.1E-10	1.3E-09	7.8E-09	1.3E-09	6.0E-10	5.0E-10	4.9E-11	1.2E-08
2465	UCART2	481209.83	3733602.05	481209.83	6.06E-04	5.31E-03	1.00E-04	8.08E-04	2.1E-07	6.3E-07	5.6E-06	3.2E-06	2.9E-06	1.3E-06	8.2E-09	5.1E-08	1.3E-06	1.1E-06	9.6E-07	2.1E-07	3.6E-06	3.5E-08	1.0E-07	5.8E-09	1.9E-09	1.6E-09	3.3E-10	1.4E-09	8.4E-09	1.4E-09	6.4E-10	5.3E-10	5.3E-11	1.2E-08
2466	UCART2	481259.83	3733602.05	481259.83	6.71E-04	5.74E-03	1.09E-04	8.19E-04	2.3E-07	7.0E-07	6.0E-06	3.5E-06	3.1E-06	1.4E-06	9.1E-09	5.6E-08	1.4E-06	1.1E-06	1.0E-06	2.3E-07	3.9E-06	3.8E-08	1.1E-07	6.3E-09	2.1E-09	1.7E-09	3.6E-10	1.5E-09	9.2E-09	1.5E-09	6.9E-10	5.7E-10	5.7E-11	1.3E-08
2467	UCART2	481309.83	3733602.05	481309.83	7.63E-04	6.30E-03	1.22E-04	8.34E-04	2.6E-07	8.0E-07	6.6E-06	3.8E-06	3.5E-06	1.6E-06	1.0E-08	6.4E-08	1.5E-06	1.3E-06	1.1E-06	2.5E-07	4.3E-06	4.2E-08	1.3E-07	6.9E-09	2.3E-09	1.9E-09	3.9E-10	1.7E-09	1.0E-08	1.6E-09	7.6E-10	6.3E-10	6.2E-11	1.5E-08
2468	UCART2	481359.83	3733602.05	481359.83	8.99E-04	7.07E-03	1.41E-04	8.53E-04	3.1E-07	9.4E-07	7.4E-06	4.3E-06	3.9E-06	1.8E-06	1.2E-08	7.5E-08	1.7E-06	1.4E-06	1.3E-06	2.8E-07	4.8E-06	4.9E-08	1.5E-07	7.7E-09	2.6E-09	2.1E-09	4.4E-10	1.9E-09	1.2E-08	1.8E-09	8.5E-10	7.0E-10	7.0E-11	1.7E-08
2469	UCART2	481409.83	3733602.05	481409.83	1.11E-03	8.12E-03	1.70E-04	8.78E-04	3.8E-07	1.2E-06	8.5E-06	4.9E-06	4.5E-06	2.0E-06	1.5E-08	9.3E-08	2.0E-06	1.6E-06	1.5E-06	3.2E-07	5.5E-06	5.9E-08	1.8E-07	8.9E-09	3.0E-09	2.4E-09	5.1E-10	2.3E-09	1.4E-08	2.1E-09	9.8E-10	8.1E-10	8.0E-11	2.1E-08
2470	UCART2	481459.83	3733602.05	481459.83	1.46E-03	9.64E-03	2.18E-04	9.14E-04	5.0E-07	1.5E-06	1.0E-05	5.8E-06	5.3E-06	2.4E-06	2.0E-08	1.2E-07	2.4E-06	1.9E-06	1.7E-06	3.8E-07	6.6E-06	7.6E-08	2.3E-07	1.1E-08	3.5E-09	2.9E-09	6.0E-10	3.0E-09	1.8E-08	2.5E-09	1.2E-09	9.6E-10	9.5E-11	2.6E-08
2471	UCART2	481509.83	3733602.05	481509.83	2.09E-03	1.19E-02	3.07E-04	9.67E-04	7.2E-07	2.2E-06	1.2E-05	7.2E-06	6.5E-06	3.0E-06	2.8E-08	1.8E-07	2.9E-06	2.4E-06	2.2E-06	4.7E-07	8.1E-06	1.1E-07	3.2E-07	1.3E-08	4.4E-09	3.6E-09	7.5E-10	4.2E-09	2.6E-08	3.0E-09	1.4E-09	1.2E-09	1.2E-10	3.6E-08
2472	UCART2	481559.83	3733602.05	481559.83	3.47E-03	1.55E-02	4.97E-04	1.05E-03	1.2E-06	3.6E-06	1.6E-05	9.4E-06	8.5E-06	3.9E-06	4.7E-08	2.9E-07	3.8E-06	3.1E-06	2.8E-06	6.1E-07	1.1E-05	1.7E-07	5.2E-07	1.7E-08	5.7E-09	4.7E-09	9.7E-10	6.8E-09	4.2E-08	4.0E-09	1.9E-09	1.5E-09	1.5E-10	5.6E-08
2473	UCART2	481609.83	3733602.05	481609.83	7.32E-03	2.18E-02	1.03E-03	1.20E-03	2.5E-06	7.7E-06	2.3E-05	1.3E-05	1.2E-05	5.5E-06	1.0E-07	6.1E-07	5.3E-06	4.4E-06	3.9E-06	8.6E-07	1.5E-05	3.6E-07	1.1E-06	2.4E-08	8.0E-09	6.6E-09	1.4E-09	1.4E-08	8.6E-08	5.6E-09	2.6E-09	2.2E-09	2.2E-10	1.1E-07
2474	UCART2	481659.83	3733602.05	481659.83	2.79E-02	3.44E-02	3.89E-03	1.78E-03	9.7E-06	2.9E-05	3.6E-05	2.1E-05	1.9E-05	8.6E-06	3.8E-07	2.3E-06	8.4E-06	6.9E-06	6.2E-06	1.4E-06	2.6E-05	1.3E-06	4.1E-06	3.8E-08	1.3E-08	1.0E-08	2.2E-09	5.3E-08	3.3E-07	8.8E-09	4.2E-09	3.4E-09	3.4E-10	4.0E-07
2475	UCART2	479709.83	3733652.05	479709.83	3.79E-03	2.00E-02	5.94E-04	1.67E-03	1.3E-06	4.0E-06	2.1E-05	1.2E-05	1.1E-05	5.0E-06	5.2E-08	3.2E-07	4.9E-06	4.0E-06	3.6E-06	7.9E-07	1.4E-05	2.1E-07	6.2E-07	2.2E-08	7.3E-09	6.0E-09	1.3E-09	8.1E-08	5.0E-08	5.1E-09	2.4E-09	2.0E-09	2.0E-10	6.8E-08
2476	UCART2	479759.83	3733652.05	479759.83	2.98E-03	1.72E-02	4.61E-04	1.51E-03	1.0E-06	3.1E-06	1.8E-05	1.0E-05	9.5E-06	4.3E-06	4.1E-08	2.5E-07	4.2E-06	3.4E-06	3.1E-06	6.8E-07	1.2E-05	1.6E-07	4.8E-07	1.9E-08	6.3E-09	5.2E-09	1.1E-09	6.3E-08	3.9E-08	4.4E-09	2.1E-09	1.7E-09	1.7E-10	5.3E-08
2477	UCART2	479809.83	3733652.05	479809.83	2.35E-03	1.50E-02	3.69E-04	1.49E-03	8.1E-07	2.5E-06	1.6E-05	9.1E-06	8.2E-06	3.8E-06	3.2E-08	2.0E-07	3.7E-06	3.0E-06	2.7E-06	5.9E-07	1.0E-05	1.3E-07	3.9E-07	1.6E-08	5.5E-09	4.5E-09	9.4E-10	5.0E-08	3.1E-08	3.8E-09	1.8E-09	1.5E-09	1.5E-10	4.3E-08
2478	UCART2	479859.83	3733652.05	479859.83	1.89E-03	1.32E-02	3.03E-04	1.48E-03	6.5E-07	2.0E-06	1.4E-05	8.0E-06	7.2E-06	3.3E-06	2.6E-08	1.6E-07	3.2E-06	2.6E-06	2.4E-06	5.2E-07	9.0E-06	1.0E-07	3.2E-07	1.4E-08	4.8E-09	4.0E-09	8.3E-10	4.1E-08	2.5E-08	3.4E-09	1.6E-09	1.3E-09	1.3E-10	3.6E-08
2479	UCART2	479909.83	3733652.05	479909.83	1.55E-03	1.18E-02	2.55E-04	1.47E-03	5.4E-07	1.6E-06	1.2E-05	7.1E-06	6.5E-06	2.9E-06	2.1E-08	1.3E-07	2.9E-06	2.4E-06	2.1E-06	4.6E-07	8.0E-06	8.8E-08	2.7E-07	1.3E-08	4.3E-09	3.5E-09	7.4E-10	3.5E-08	2.1E-08	3.0E-09	1.4E-09	1.2E-09	1.2E-10	3.1E-08
2480	UCART2	479959.83	3733652.05	479959.83	1.31E-03	1.06E-02	2.21E-04	1.46E-03	4.5E-07	1.4E-06	1.1E-05	6.4E-06	5.8E-06	2.7E-06	1.8E-08	1.1E-07	2.6E-06	2.1E-06	1.9E-06	4.2E-07	7.2E-06	7.6E-08	2.3E-07	1.2E-08	3.9E-09	3.2E-09	6.7E-10	3.0E-09	1.8E-08	2.7E-09	1.3E-09	1.1E-09	1.0E-10	2.7E-08
2481	UCART2	480009.83	3733652.05	480009.83	1.13E-03	9.68E-03	1.95E-04	1.46E-03	3.9E-07	1.2E-06	1.0E-05	5.9E-06	5.3E-06	2.4E-06	1.5E-08	9.5E-08	2.4E-06	1.9E-06	1.8E-06	3.8E-07	6.5E-06	6.8E-08	2.0E-07	1.1E-08	3.5E-09	2.9E-09	6.1E-10	2.7E-09	1.6E-08	2.5E-09	1.2E-09	9.6E-10	9.6E-11	2.4E-08
2482	UCART2	480059.83	3733652.05	480059.83	9.92E-04	8.90E-03	1.76E-04	1.46E-03	3.4E-07	1.0E-06	9.3E-06	5.4E-06	4.9E-06	2.2E-06	1.3E-08	8.3E-08	2.2E-06	1.8E-06	1.6E-06	3.5E-07	6.0E-06	6.1E-08	1.8E-07	9.7E-09	3.1E-09	2.7E-09	5.6E-10	2.4E-09	1.5E-08	2.3E-09	1.1E-09	8.8E-10	8.8E-11	2.1E-08
2483	UCART2	480109.83	3733652.05	480109.83	8.86E-04	8.25E-03	1.61E-04	1.46E-03	3.1E-07	9.3E-07	8.6E-06	5.0E-06	4.5E-06	2.1E-06	1.2E-08	7.4E-08	2.0E-06	1.6E-06	1.5E-06	3.3E-07	5.6E-06	5.6E-08	1.7E-07	9.0E-09	3.0E-09	2.5E-09	5.2E-10	2.2E-09	1.3E-08	2.1E-09	1.0E-09	8.2E-10	8.2E-11	2.0E-08
2484	UCART2	480159.83	3733652.05	480159.83	8.02E-04	7.70E-03	1.49E-04	1.47E-03	2.8E-07	8.4E-07	8.1E-06	4.7E-06	4.2E-06	1.9E-06	1.1E-08	6.7E-08	1.9E-06	1.5E-06	1.4E-06	3.0E-07	5.2E-06	5.2E-08	1.6E-07	8.4E-09	2.8E-09	2.3E-09	4.8E-10	2.0E-09	1.2E-08	2.0E-09	9.3E-10	7.6E-10	7.6E-11	1.8E-08
2485	UCART2	480209.83	3733652.05	480209.83	7.35E-04	7.24E-03	1.40E-04	1.47E-03	2.5E-07	7.7E-07	7.6E-06	4.4E-06	4.0E-06	1.8E-06	1.0E-08	6.2E-08	1.8E-06	1.4E-06	1.3E-06	2.9E-07	4.9E-06	4.8E-08	1.5E-07	7.9E-09	2.6E-09	2.2E-09	4.5E-10	1.9E-09	1.2E-08	1.9E-09	8.7E-10	7.2E-10	7.1E-11	1.7E-08
2486	UCART2	480259.83	3733652.05	480259.83	6.81E-04	6.84E-03	1.32E-04	1.48E-03	2.4E-07	7.1E-07	7.1E-06	4.1E-06	3.8E-06	1.7E-06	9.3E-09	5.7E-08	1.7E-06	1.4E-06	1.2E-06	2.7E-07	4.6E-06	4.6E-08	1.4E-07	7.5E-09	2.5E-09	2.1E-09	4.3E-10	1.8E-09	1.1E-08	1.7E-09	8.3E-10	6.8E-10	6.8E-11	1.6E-08
2487	UCART2	480309.83	3733652.05	480309.83	6.36E-04	6.50E-03	1.26E-04	1.48E-03	2.2E-07	6.6E-07	6.8E-06	3.9E-06	3.6E-06	1.6E-06	8.7E-09	5.3E-08	1.6E-06	1.3E-06	1.2E-06	2.6E-07	4.4E-06	4.4E-08	1.3E-07	7.1E-09	2.4E-09	2.0E-09	4.1E-10	1.7E-09	1.1E-08	1.7E-09	7.8E-10	6.5E-10	6.4E-11	1.5E-08
2488	UCART2	480359.83	3733652.05	480359.83	6.00E-04	6.21E-03	1.21E-04	1.49E-03	2.1E-07	6.3E-07	6.5E-06	3.8E-06	3.4E-06	1.6E-06	8.2E-09	5.0E-08	1.5E-06	1.2E-06	1.1E-06	2.4E-07	4.2E-06	4.2E-08	1.3E-07	6.8E-09	2.3E-09	1.9E-09	3.9E-10	1.6E-09	1.0E-08	1.6E-09	7.5E-10	6.2E-10	6.1E-11	1.5E-08
2489	UCART2	480409.83	3733652.05	480409.83	5.70E-04	5.96E-03	1.17E-04	1.49E-03	2.0E-07	6.0E-07	6.2E-06	3.6E-06	3.3E-06	1.5E-06	7.7E-09	4.8E-08	1.5E-06	1.2E-06	1.1E-06	2.4E-07	4.0E-06	4.1E-08	1.2E-07	6.5E-09	2.2E-09	1.8E-09	3.7E-10	1.6E-09	9.8E-09	1.5E-09	7.2E-10	5.9E-10	5.9E-11	1.4E-08
2490	UCART2	480459.83	3733652.05	480459.83	5.45E-04	5.74E-03	1.14E-04	1.50E-03	1.9E-07	5.7E-07	6.0E-06	3.5E-06	3.1E-06	1.4E-06	7.4E-09	4.6E-08	1.4E-06	1.1E-06	1.0E-06	2.3E-07	3.9E-06	3.9E-08	1.2E-07	6.3E-09	2.1E-09	1.7E-09	3.6E-10	1.5E-09	9.5E-09	1.5E-09	6.9E-10	5.7E-10	5.7E-11	1.4E-08
2491	UCART2	480509.83	3733652.05	480509.83	5.25E-04	5.56E-03	1.11E-04	1.51E-03	1.8E-07	5.5E-07	5.8E-06	3.4E-06	3.1E-06	1.4E-06	7.1E-09	4.4E-08	1.4E-06	1.1E-06	1.0E-06	2.2E-07	3.7E-06	3.8E-08	1.2E-07	6.1E-09	2.0E-09	1.7E-09	3.5E-10	1.5E-09	9.3E-09	1.4E-09	6.7E-10	5.5E-10	5.5E-11	1.4E-08
2492	UCART2	480559.83	3733652.05	480559.83	5.09E-04	5.41E-03	1.09E-04	1.51E-03	1.8E-07	5.3E-07	5.7E-06	3.3E-06	3.0E-06	1.4E-06	6.9E-09	4.3E-08	1.3E-06	1.1E-06	9.8E-07	2.1E-07	3.6E-06	3.8E-08	1.1E-07	5.9E-09	2.0E-09	1.6E-09	3.4E-10	1.5E-09	9.1E-09	1.4E-09	6.5E-10	5.4E-10	5.3E-11	1.3E-08
2493	UCART2	480609.83	3733652.05	480609.83	4.96E-04	5.29E-03	1.07E-04	1.52E-03	1.7E-07	5.2E-07	5.5E-06	3.2E-06	2.9E-06	1.3E-06	6.7E-09	4.2E-08	1.3E-06	1.1E-06	9.6E-07	2.1E-07	3.6E-06	3.7E-08	1.1E-07	5.8E-09	1.9E-09	1.6E-09	3.3E-10	1.5E-09	9.0E-09	1.4E-09	6.4E-10	5.3E-10	5.2E-11	1.3E-08
2494	UCART2	480659.83	3733652.05	480659.83	4.86E-04	5.19E-03	1.06E-04	1.53E-03	1.7E-07	5.1E-07	5.4E-06	3.1E-06	2.8E-06	1.3E-06	6.6E-09	4.1E-08	1.3E-06	1.0E-06	9.4E-07	2.0E-07	3.5E-06	3.7E-08	1.1E-07	5.7E-09	1.9E-09	1.6E-09	3.3E-10	1.4E-09	8.9E-09	1.3E-09	6.3E-10	5.2E-10	5.1E-11	1.3E-08
2495	UCART2	480709.83	3733652.05	480709.83	4.79E-04	5.12E-03	1.05E-04	1.54E-03	1.7E-07	5.0E-07	5.3E-06	3.1E-06	2.8E-06	1.3E-06	6.5E-09	4.0E-08	1.3E-06	1.0E-06	9.3E-07	2.0E-07	3.4E-06	3.6E-08	1.1E-07	5.6E-09	1.9E-09	1.5E-09	3.2E-10	1.4E-09	8.8E-09	1.3E-09	6.2E-10	5.1E-10	5.1E-11	1.3E-08
2496	UCART2	480759.83	3733652.05	480759.83	4.75E-04	5.07E-03	1.05E-04	1.55E-03	1.6E-07	5.0E-07	5.3E-06	3.1E-06	2.8E-06	1.3E-06	6.5E-09	4.0E-08	1.2E-06	1.0E-06	9.2E-07	2.0E-07	3.4E-06	3.6E-08	1.1E-07	5.5E-09	1.9E-09	1.5E-09	3.2E-10	1.4E-09	8.8E-09	1.3E-09	6.1E-10	5.0E-10	5.0E-11	1.3E-08
2497	UCART2	480809.83	3733652.05	480809.83	4.74E-04	5.04E-03	1.05E-04	1.56E-03	1.6E-07	5.0E-07	5.3E-06	3.1E-06	2.8E-06	1.3E-06	6.4E-09	4.0E-08	1.2E-06	1.0E-06	9.1E-07	2.0E-07	3.4E-06	3.6E-08	1.1E-07	5.5E-09	1.8E-09	1.5E-09	3.2E-10	1.4E-09	8.8E-09	1.3E-09	6.1E-10	5.0E-10	5.0E-11	1.3E-08
2498	UCART2	480859.83	3733652.05	480859.83	4.76E-04	5.05E-03	1.06E-04	1.57E-03	1.6E-07	5.0E-07	5.3E-06	3.1E-06	2.8E-06	1.3E-06	6.5E-09	4.0E-08	1.2E-06	1.0E-06	9.1E-07	2.0E-07	3.4E-06	3.7E-08	1.1E-07	5.5E-09	1.8E-09	1.5E-09	3.2E-10	1.4E-09	8.8E-09	1.3E-09	6.1E-10	5.0E-10	5.0E-11	1.3E-08
2499	UCART2	480909.83	3733652.05	480909.83	4.81E-04	5.07E-03	1.07E-04	1.58E-03	1.7E-07	5.0E-07	5.3E-06	3.1E-06	2.8E-06	1.3E-06	6.5E-09	4.0E-08	1.2E-06	1.0E-06	9.2E-07	2.0E-07	3.4E-06	3.7E-08	1.1E-07	5.5E-09	1.9E-09	1.5E-09	3.2E-10	1.4E-09	8.9E-09	1.3E-09	6.1E-10	5.0E-10	5.0E-11	1.3E-08
2500	UCART2	480959.83	3733652.05	480959.83	4.90E-04	5.13E-03	1.08E-04	1.59E-03	1.7E-07	5.1E-07	5.4E-06	3.1E-06	2.8E-06	1.3E-06	6.7E-09	4.1E-08	1.3E-06	1.0E-06	9.3E-07	2.0E-07	3.5E-06	3.7E-08	1.1E-07	5.6E-09	1.9E-09	1.5E-09	3.2E-10	1.5E-09	9.0E-09	1.3E-09	6.2E-10	5.1E-10	5.1E-11	1.3E-08
2501	UCART2	481009.83	3733652.05	481009.83	5.04E-04	5.22E-03	1.10E-04	1.60E-03	1.7E-07	5.3E-07	5.5E-06	3.2E-06	2.9E-06	1.3E-06	6.9E-09	4.2E-08	1.3E-06	1.0E-06	9.5E-07	2.1E-07	3.5E-06	3.8E-08	1.2E-07	5.7E-09	1.9E-09	1.6E-09	3.3E-10	1.5E-09	9.2E-09	1.3E-09	6.3E-10	5.2E-10	5.2E-11	1.3E-08
2502	UCART2	481059.83	3733652.05	481059.83	5.22E-04	5.35E-03	1.13E-04	1.61E-03	1.8E-07	5.5E-07	5.6E-06	3.2E-06	2.9E-06	1.3E-06	7.1E-09	4.4E-08	1.3E-06	1.1E-06	9.7E-07	2.1E-07	3.6E-06	3.9E-08	1.2E-07	5.8E-09	2.0E-09	1.6E-09	3.4E-10	1.5E-09	9.5E-09	1.4E-09	6.5E-10	5.3E-10	5.3E-11	1.4E-08
2503	UCART2	481109.83	3733652.05	481109.83	5.48E-04	5.53E-03	1.17E-04	1.62E-03	1.9E-07	5.7E-07	5.8E-06	3.3E-06	3.0E-06	1.4E-06	7.5E-09	4.6E-08	1.4E-06	1.1E-06	1.0E-06	2.2E-07	3.7E-06	4.0E-08	1.2E-07	6.0E-09	2.0E-09	1.7E-09	3.5E-10	1.6E-09	9.8E-09	1.4E-09	6.7E-10	5.5E-10	5.5E-11	1.4E-08
2504	UCART2	481159.83	3733652.05	481159.83	5.82E-04	5.77E-03	1.22E-04	1.64E-03	2.0E-07	6.1E-07	6.0E-06	3.5E-06	3.2E-06	1.4E-06	7.9E-09	4.9E-08	1.4E-06	1.2E-06	1.0E-06	2.3E-07	3.9E-06	4.2E-08	1.3E-07	6.3E-09	2.1E-09	1.7E-09	3.6E-10	1.7E-09	1.0E-08	1.5E-09	7.0E-10	5.7E-10	5.7E-11	1.5E-08
2505	UCART2	481209.83	3733652.05	481209.83	6.29E-04	6.08E-03	1.28E-04	1.65E-03	2.2E-07	6.6E-07	6.4E-06	3.7E-06	3.3E-06	1.5E-06	8.6E-09	5.3E-08	1.5E-06	1.2E-06	1.1E-06	2.4E-07	4.1E-06	4.4E-08	1.3E-07	6.6E-09	2.2E-09	1.8E-09	3.8E-10	1.7E-09	1.1E-08	1.6E-09	7.3E-10	6.0E-10	6.0E-11	1.5E-08
2506	UCART2	481259.83	3733652.05	481259.83	6.93E-04	6.49E-03	1.38E-04	1.67E-03	2.4E-07	7.2E-07	6.8E-06	3.9E-06	3.6E-06	1.6E-06	9.4E-09	5.8E-08	1.6E-06	1.3E-06	1.2E-06	2.6E-07	4.4E-06	4.8E-08	1.4E-07	7.1E-09	2.4E-09	2.0E-09	4.1E-10	1.9E-09	1.2E-08	1.7E-09	7.8E-10	6.4E-10	6.4E-11	1.7E-08
2507	UCART2	481309.83	3733652.05	481309.83	7.83E-04	7.03E-03	1.50E-04	1.69E-03	2.7E-07	8.2E-07	7.3E-06	4.3E-06	3.9E-06	1.8E-06	1.1E-08	6.6E-08	1.7E-06	1.4E-06	1.3E-06	2.8E-07	4.7E-06	5.2E-08	1.6E-07	7.7E-09	2.6E-09	2.1E-09	4.4E-10	2.0E-09	1.3E-08	1.8E-09	8.5E-10	7.0E-10	6.9E-11	1.8E-08
2508	UCART2	481359.83	3733652.05	481359.83	9.15E-04	7.75E-03	1.69E-04	1.72E-03	3.2E-07	9.6E-07	8.1E-06	4.7E-06	4.2E-06	1.9E-06	1.2E-08	7.7E-08	1.9E-06	1.5E-06	1.4E-06	3.1E-07	5.2E-06	5.8E-08	1.8E-07	8.5E-09	2.8E-09	2.3E-09	4.9E-10	2.3E-09	1.4E-08	2.0E-09	9.4E-10	7.7E-10	7.7E-11	2.0E-08
2509	UCART2	481409.83	3733652.05	481409.83	1.12E-03	8.73E-03	1.97E-04	1.75E-03	3.9E-07	1.2E-06	9.1E-06	5.3E-06	4.8E-06	2.2E-06	1.5E-08	9.4E-08	2.1E-06	1.7E-06	1.6E-06	3.4E-07	5.9E-06	6.8E-08	2.1E-07	9.5E-09	3.2E-09	2.6E-09	5.5E-10	2.7E-09	1.7E-08	2.2E-09	1.1E-09	8.7E-10	8.6E-11	2.3E-08
2510	UCART2	481459.83	3733652.05	481459.83	1.45E-03	1.01E-02	2.44E-04	1.79E-03	5.0E-07	1.5E-06	1.1E-05	6.1E-06	5.5E-06	2.5E-06	2.0E-08	1.2E-07	2.5E-06	2.0E-06	1.8E-06	4.0E-07	6.9E-06	8.4E-08	2.5E-07	1.1E-08	3.7E-09	3.0E-09	6.3E-10	3.3E-09	2.0E-08	2.6E-09	1.2E-09	1.0E-09	1.0E-10	2.9E-08
2511	UCART2	481509.83	3733652.05	481509.83	2.06E-03	1.21E-02	3.29E-04	1.85E-03	7.1E-07	2.2E-06	1.3E-05	7.3E-06	6.6E-06	3.0E-06	2.8E-08	1.7E-07	3.0E-06	2.4E-06	2.2E-06	4.8E-07	8.2E-06	1.1E-07	3.4E-07	1.3E-08	4.4E-09	3.6E-09	7.6E-10	4.5E-09	2.8E-08	3.1E-09	1.5E-09	1.2E-09	1.2E-10	3.8E-08
2512	UCART2	481559.83	3733652.05	481559.83	3.38E-03	1.51E-02	5.12E-04	1.95E-03	1.2E-06	3.5E-06	1.6E-05	9.1E-06	8.3E-06	3.8E-06	4.6E-08	2.8E-07	3.7E-06	3.0E-06	2.7E-06	5.9E-07	1.0E-05	1.8E-07	5.4E-07	1.6E-08	5.5E-09	4.5E-09	9.4E-10	7.0E-09	4.3E-08	3.9E-09	1.8E-09	1.5E-09	1.5E-10	5.7E-08
2513	UCART2	481609.83	3733652.05

Worker Risk

#	Discrete	X	Y	X, Y	Concentration (µg/m^3) Unmitigated Constructio	Mitigated			Dose (Unmitigated)		Dose (Mitigated)		Risk (Unmitigated)		Risk (Mitigated)		Combined Risk (Unmitigated)		Combined Risk (Mitigated)	
					n	Operations	Construction	Operations	Construction	Operations	Construction	Operations	Construction	Operations	Construction	Operations	Operations	Total (Combined)	Operations	Total (Combined)
1	UCART3	478269.28	3732495.39	478269.28, 3	2.80E-04	1.82E-03	4.02E-05	2.94E-05	6.2E-08	4.0E-07	8.9E-09	6.5E-09	7.4E-10	1.6E-07	1.1E-10	2.6E-09	1.53E-07	1.54E-07	2.47E-09	2.58E-09
2	UCART3	478319.28	3732495.39	478319.28, 3	2.92E-04	1.92E-03	4.19E-05	3.08E-05	6.4E-08	4.2E-07	9.2E-09	6.8E-09	7.7E-10	1.7E-07	1.1E-10	2.7E-09	1.61E-07	1.62E-07	2.59E-09	2.70E-09
3	UCART3	478369.28	3732495.39	478369.28, 3	3.05E-04	2.02E-03	4.38E-05	3.25E-05	6.7E-08	4.5E-07	9.7E-09	7.2E-09	8.0E-10	1.8E-07	1.2E-10	2.8E-09	1.70E-07	1.71E-07	2.73E-09	2.85E-09
4	UCART3	478419.28	3732495.39	478419.28, 3	3.20E-04	2.17E-03	4.60E-05	3.45E-05	7.1E-08	4.8E-07	1.0E-08	7.6E-09	8.4E-10	1.9E-07	1.2E-10	3.0E-09	1.82E-07	1.83E-07	2.90E-09	3.02E-09
5	UCART3	478469.28	3732495.39	478469.28, 3	3.37E-04	2.34E-03	4.84E-05	3.65E-05	7.4E-08	5.2E-07	1.1E-08	8.1E-09	8.9E-10	2.0E-07	1.3E-10	3.2E-09	1.97E-07	1.97E-07	3.07E-09	3.20E-09
6	UCART3	478519.28	3732495.39	478519.28, 3	3.53E-04	2.48E-03	5.08E-05	3.85E-05	7.8E-08	5.5E-07	1.1E-08	8.5E-09	9.3E-10	2.2E-07	1.3E-10	3.3E-09	2.09E-07	2.10E-07	3.23E-09	3.37E-09
7	UCART3	478569.28	3732495.39	478569.28, 3	3.68E-04	2.55E-03	5.29E-05	4.00E-05	8.1E-08	5.6E-07	1.2E-08	8.8E-09	9.7E-10	2.2E-07	1.4E-10	3.5E-09	2.14E-07	2.15E-07	3.36E-09	3.50E-09
8	UCART3	478619.28	3732495.39	478619.28, 3	3.89E-04	2.76E-03	5.59E-05	4.26E-05	8.6E-08	6.1E-07	1.2E-08	9.4E-09	1.0E-09	2.4E-07	1.5E-10	3.7E-09	2.32E-07	2.33E-07	3.58E-09	3.72E-09
9	UCART3	478669.28	3732495.39	478669.28, 3	4.07E-04	2.88E-03	5.85E-05	4.46E-05	9.0E-08	6.3E-07	1.3E-08	9.8E-09	1.1E-09	2.5E-07	1.5E-10	3.9E-09	2.42E-07	2.43E-07	3.74E-09	3.90E-09
10	UCART3	478719.28	3732495.39	478719.28, 3	4.26E-04	2.98E-03	6.13E-05	4.63E-05	9.4E-08	6.6E-07	1.4E-08	1.0E-08	1.1E-09	2.6E-07	1.6E-10	4.0E-09	2.50E-07	2.51E-07	3.89E-09	4.05E-09
11	UCART3	478769.28	3732495.39	478769.28, 3	4.50E-04	3.17E-03	6.46E-05	4.94E-05	9.9E-08	7.0E-07	1.4E-08	1.1E-08	1.2E-09	2.7E-07	1.7E-10	4.3E-09	2.66E-07	2.67E-07	4.15E-09	4.32E-09
12	UCART3	478819.28	3732495.39	478819.28, 3	4.69E-04	3.23E-03	6.74E-05	5.08E-05	1.0E-07	7.1E-07	1.5E-08	1.1E-08	1.2E-09	2.8E-07	1.8E-10	4.4E-09	2.72E-07	2.73E-07	4.27E-09	4.45E-09
13	UCART3	478869.28	3732495.39	478869.28, 3	4.98E-04	3.50E-03	7.15E-05	5.44E-05	1.1E-07	7.7E-07	1.6E-08	1.2E-08	1.3E-09	3.0E-07	1.9E-10	4.7E-09	2.94E-07	2.95E-07	4.57E-09	4.76E-09
14	UCART3	478919.28	3732495.39	478919.28, 3	5.38E-04	4.01E-03	7.73E-05	6.05E-05	1.2E-07	8.8E-07	1.7E-08	1.3E-08	1.4E-09	3.5E-07	2.0E-10	5.2E-09	3.37E-07	3.38E-07	5.08E-09	5.29E-09
15	UCART3	478969.28	3732495.39	478969.28, 3	5.76E-04	4.46E-03	8.29E-05	6.58E-05	1.3E-07	9.8E-07	1.8E-08	1.5E-08	1.5E-09	3.9E-07	2.2E-10	5.7E-09	3.75E-07	3.76E-07	5.53E-09	5.75E-09
16	UCART3	479019.28	3732495.39	479019.28, 3	6.11E-04	4.75E-03	8.78E-05	7.00E-05	1.3E-07	1.0E-06	1.9E-08	1.5E-08	1.6E-09	4.1E-07	2.3E-10	6.1E-09	3.99E-07	4.01E-07	5.88E-09	6.12E-09
17	UCART3	479069.28	3732495.39	479069.28, 3	6.35E-04	4.75E-03	9.13E-05	7.27E-05	1.4E-07	1.0E-06	2.0E-08	1.6E-08	1.7E-09	4.1E-07	2.4E-10	6.3E-09	3.99E-07	4.01E-07	6.11E-09	6.35E-09
18	UCART3	479119.28	3732495.39	479119.28, 3	6.44E-04	4.42E-03	9.27E-05	7.29E-05	1.4E-07	9.8E-07	2.0E-08	1.6E-08	1.7E-09	3.8E-07	2.4E-10	6.3E-09	3.71E-07	3.73E-07	6.13E-09	6.37E-09
19	UCART3	479169.28	3732495.39	479169.28, 3	6.70E-04	4.43E-03	9.64E-05	7.70E-05	1.5E-07	9.8E-07	2.1E-08	1.7E-08	1.8E-09	3.8E-07	2.5E-10	6.7E-09	3.72E-07	3.74E-07	6.47E-09	6.72E-09
20	UCART3	478269.28	3732545.39	478269.28, 3	2.83E-04	1.87E-03	4.07E-05	3.00E-05	6.2E-08	4.1E-07	9.0E-09	6.6E-09	7.5E-10	1.6E-07	1.1E-10	2.6E-09	1.57E-07	1.58E-07	2.52E-09	2.63E-09
21	UCART3	478319.28	3732545.39	478319.28, 3	2.96E-04	1.96E-03	4.24E-05	3.11E-05	6.5E-08	4.3E-07	9.4E-09	6.9E-09	7.8E-10	1.7E-07	1.1E-10	2.7E-09	1.65E-07	1.65E-07	2.62E-09	2.73E-09
22	UCART3	478369.28	3732545.39	478369.28, 3	3.10E-04	2.09E-03	4.45E-05	3.32E-05	6.8E-08	4.6E-07	9.8E-09	7.3E-09	8.2E-10	1.8E-07	1.2E-10	2.9E-09	1.75E-07	1.76E-07	2.79E-09	2.91E-09
23	UCART3	478419.28	3732545.39	478419.28, 3	3.27E-04	2.27E-03	4.70E-05	3.54E-05	7.2E-08	5.0E-07	1.0E-08	7.8E-09	8.6E-10	2.0E-07	1.2E-10	3.1E-09	1.91E-07	1.91E-07	2.97E-09	3.10E-09
24	UCART3	478469.28	3732545.39	478469.28, 3	3.46E-04	2.47E-03	4.97E-05	3.79E-05	7.6E-08	5.5E-07	1.1E-08	8.4E-09	9.1E-10	2.1E-07	1.3E-10	3.3E-09	2.08E-07	2.09E-07	3.18E-09	3.31E-09
25	UCART3	478519.28	3732545.39	478519.28, 3	3.66E-04	2.69E-03	5.25E-05	4.05E-05	8.1E-08	5.9E-07	1.2E-08	8.9E-09	9.6E-10	2.3E-07	1.4E-10	3.5E-09	2.26E-07	2.27E-07	3.40E-09	3.54E-09
26	UCART3	478569.28	3732545.39	478569.28, 3	3.83E-04	2.80E-03	5.51E-05	4.23E-05	8.5E-08	6.2E-07	1.2E-08	9.3E-09	1.0E-09	2.4E-07	1.5E-10	3.7E-09	2.35E-07	2.36E-07	3.56E-09	3.70E-09
27	UCART3	478619.28	3732545.39	478619.28, 3	4.03E-04	2.94E-03	5.79E-05	4.45E-05	8.9E-08	6.5E-07	1.3E-08	9.8E-09	1.1E-09	2.5E-07	1.5E-10	3.9E-09	2.47E-07	2.48E-07	3.74E-09	3.89E-09
28	UCART3	478669.28	3732545.39	478669.28, 3	4.28E-04	3.17E-03	6.14E-05	4.74E-05	9.4E-08	7.0E-07	1.4E-08	1.0E-08	1.1E-09	2.8E-07	1.6E-10	4.1E-09	2.67E-07	2.68E-07	3.99E-09	4.15E-09
29	UCART3	478719.28	3732545.39	478719.28, 3	4.52E-04	3.36E-03	6.49E-05	5.03E-05	1.0E-07	7.4E-07	1.4E-08	1.1E-08	1.2E-09	2.9E-07	1.7E-10	4.4E-09	2.82E-07	2.83E-07	4.23E-09	4.40E-09
30	UCART3	478769.28	3732545.39	478769.28, 3	4.74E-04	3.43E-03	6.81E-05	5.25E-05	1.0E-07	7.6E-07	1.5E-08	1.2E-08	1.2E-09	3.0E-07	1.8E-10	4.6E-09	2.88E-07	2.90E-07	4.41E-09	4.59E-09
31	UCART3	478819.28	3732545.39	478819.28, 3	4.99E-04	3.58E-03	7.18E-05	5.50E-05	1.1E-07	7.9E-07	1.6E-08	1.2E-08	1.3E-09	3.1E-07	1.9E-10	4.8E-09	3.01E-07	3.02E-07	4.62E-09	4.81E-09
32	UCART3	478869.28	3732545.39	478869.28, 3	5.30E-04	3.81E-03	7.62E-05	5.85E-05	1.2E-07	8.4E-07	1.7E-08	1.3E-08	1.4E-09	3.3E-07	2.0E-10	5.1E-09	3.20E-07	3.21E-07	4.91E-09	5.11E-09
33	UCART3	478919.28	3732545.39	478919.28, 3	5.74E-04	4.34E-03	8.25E-05	6.44E-05	1.3E-07	9.6E-07	1.8E-08	1.4E-08	1.5E-09	3.8E-07	2.2E-10	5.6E-09	3.65E-07	3.66E-07	5.41E-09	5.63E-09
34	UCART3	478969.28	3732545.39	478969.28, 3	6.20E-04	4.88E-03	8.92E-05	7.08E-05	1.4E-07	1.1E-06	2.0E-08	1.6E-08	1.6E-09	4.2E-07	2.3E-10	6.1E-09	4.10E-07	4.11E-07	5.95E-09	6.18E-09
35	UCART3	479019.28	3732545.39	479019.28, 3	6.64E-04	5.27E-03	9.54E-05	7.62E-05	1.5E-07	1.2E-06	2.1E-08	1.7E-08	1.7E-09	4.6E-07	2.5E-10	6.6E-09	4.43E-07	4.44E-07	6.40E-09	6.65E-09
36	UCART3	479069.28	3732545.39	479069.28, 3	7.06E-04	5.58E-03	1.02E-04	8.13E-05	1.6E-07	1.2E-06	2.2E-08	1.8E-08	1.9E-09	4.8E-07	2.7E-10	7.0E-09	4.69E-07	4.71E-07	6.83E-09	7.10E-09
37	UCART3	479119.28	3732545.39	479119.28, 3	7.33E-04	5.46E-03	1.05E-04	8.40E-05	1.6E-07	1.2E-06	2.3E-08	1.9E-08	1.9E-09	4.7E-07	2.8E-10	7.3E-09	4.59E-07	4.61E-07	7.06E-09	7.34E-09
38	UCART3	479169.28	3732545.39	479169.28, 3	7.69E-04	5.55E-03	1.11E-04	8.90E-05	1.7E-07	1.2E-06	2.4E-08	2.0E-08	2.0E-09	4.8E-07	2.9E-10	7.7E-09	4.66E-07	4.68E-07	7.47E-09	7.77E-09
39	UCART3	478269.28	3732595.39	478269.28, 3	2.87E-04	1.93E-03	4.12E-05	3.05E-05	6.3E-08	4.3E-07	9.1E-09	6.7E-09	7.6E-10	1.7E-07	1.1E-10	2.6E-09	1.62E-07	1.63E-07	2.56E-09	2.67E-09
40	UCART3	478319.28	3732595.39	478319.28, 3	3.00E-04	2.03E-03	4.31E-05	3.19E-05	6.6E-08	4.5E-07	9.5E-09	7.0E-09	7.9E-10	1.8E-07	1.1E-10	2.8E-09	1.71E-07	1.72E-07	2.68E-09	2.80E-09
41	UCART3	478369.28	3732595.39	478369.28, 3	3.16E-04	2.20E-03	4.54E-05	3.43E-05	7.0E-08	4.8E-07	1.0E-08	7.6E-09	8.3E-10	1.9E-07	1.2E-10	3.0E-09	1.85E-07	1.86E-07	2.88E-09	3.00E-09
42	UCART3	478419.28	3732595.39	478419.28, 3	3.34E-04	2.38E-03	4.80E-05	3.66E-05	7.4E-08	5.2E-07	1.1E-08	8.1E-09	8.8E-10	2.1E-07	1.3E-10	3.2E-09	2.00E-07	2.01E-07	3.07E-09	3.20E-09
43	UCART3	478469.28	3732595.39	478469.28, 3	3.53E-04	2.58E-03	5.08E-05	3.90E-05	7.8E-08	5.7E-07	1.1E-08	8.6E-09	9.3E-10	2.2E-07	1.3E-10	3.4E-09	2.17E-07	2.18E-07	3.27E-09	3.41E-09
44	UCART3	478519.28	3732595.39	478519.28, 3	3.76E-04	2.85E-03	5.40E-05	4.20E-05	8.3E-08	6.3E-07	1.2E-08	9.3E-09	9.9E-10	2.5E-07	1.4E-10	3.6E-09	2.39E-07	2.40E-07	3.52E-09	3.67E-09
45	UCART3	478569.28	3732595.39	478569.28, 3	3.98E-04	3.05E-03	5.71E-05	4.46E-05	8.8E-08	6.7E-07	1.3E-08	9.8E-09	1.0E-09	2.6E-07	1.5E-10	3.9E-09	2.57E-07	2.58E-07	3.75E-09	3.90E-09
46	UCART3	478619.28	3732595.39	478619.28, 3	4.18E-04	3.14E-03	6.00E-05	4.63E-05	9.2E-08	6.9E-07	1.3E-08	1.0E-08	1.1E-09	2.7E-07	1.6E-10	4.0E-09	2.64E-07	2.65E-07	3.89E-09	4.05E-09
47	UCART3	478669.28	3732595.39	478669.28, 3	4.44E-04	3.39E-03	6.38E-05	4.95E-05	9.8E-08	7.5E-07	1.4E-08	1.1E-08	1.2E-09	2.9E-07	1.7E-10	4.3E-09	2.85E-07	2.86E-07	4.16E-09	4.33E-09
48	UCART3	478719.28	3732595.39	478719.28, 3	4.72E-04	3.61E-03	6.78E-05	5.26E-05	1.0E-07	8.0E-07	1.5E-08	1.2E-08	1.2E-09	3.1E-07	1.8E-10	4.6E-09	3.03E-07	3.04E-07	4.42E-09	4.60E-09
49	UCART3	478769.28	3732595.39	478769.28, 3	4.98E-04	3.72E-03	7.15E-05	5.53E-05	1.1E-07	8.2E-07	1.6E-08	1.2E-08	1.3E-09	3.2E-07	1.9E-10	4.8E-09	3.12E-07	3.14E-07	4.65E-09	4.83E-09
50	UCART3	478819.28	3732595.39	478819.28, 3	5.28E-04	3.90E-03	7.59E-05	5.85E-05	1.2E-07	8.6E-07	1.7E-08	1.3E-08	1.4E-09	3.4E-07	2.0E-10	5.1E-09	3.28E-07	3.29E-07	4.92E-09	5.12E-09
51	UCART3	478869.28	3732595.39	478869.28, 3	5.67E-04	4.25E-03	8.15E-05	6.31E-05	1.3E-07	9.4E-07	1.8E-08	1.4E-08	1.5E-09	3.7E-07	2.1E-10	5.5E-09	3.57E-07	3.58E-07	5.30E-09	5.51E-09
52	UCART3	478919.28	3732595.39	478919.28, 3	6.18E-04	4.84E-03	8.88E-05	6.99E-05	1.4E-07	1.1E-06	2.0E-08	1.5E-08	1.6E-09	4.2E-07	2.3E-10	6.1E-09	4.07E-07	4.08E-07	5.87E-09	6.11E-09
53	UCART3	478969.28	3732595.39	478969.28, 3	6.68E-04	5.32E-03	9.60E-05	7.59E-05	1.5E-07	1.2E-06	2.1E-08	1.7E-08	1.8E-09	4.6E-07	2.5E-10	6.6E-09	4.47E-07	4.49E-07	6.38E-09	6.63E-09
54	UCART3	479019.28	3732595.39	479019.28, 3	7.23E-04	5.84E-03	1.04E-04	8.25E-05	1.6E-07	1.3E-06	2.3E-08	1.8E-08	1.9E-09	5.1E-07	2.7E-10	7.1E-09	4.90E-07	4.92E-07	6.93E-09	7.20E-09
55	UCART3	479069.28	3732595.39	479069.28, 3	7.81E-04	6.34E-03	1.12E-04	8.95E-05	1.7E-07	1.4E-06	2.5E-08	2.0E-08	2.1E-09	5.5E-07	3.0E-10	7.8E-09	5.33E-07	5.35E-07	7.52E-09	7.82E-09
56	UCART3	479119.28	3732595.39	479119.28, 3	8.40E-04	6.79E-03	1.21E-04	9.63E-05	1.9E-07	1.5E-06	2.7E-08	2.1E-08	2.2E-09	5.9E-07	3.2E-10	8.3E-09	5.70E-07	5.72E-07	8.09E-09	8.41E-09
57	UCART3	479169.28	3732595.39	479169.28, 3	8.91E-04	7.21E-03	1.30E-04	1.04E-04	2.0E-07	1.6E-06	2.9E-08	2.2E-08	2.4E-09	6.2E-07	3.4E-10	9.0E-09	6.05E-07	6.08E-07	8.77E-09	9.11E-09
58	UCART3	478269.28	3732645.39	478269.28, 3	2.91E-04	2.02E-03	4.18E-05	3.13E-05	6.4E-08	4.4E-07	9.2E-09	6.9E-09	7.7E-10	1.7E-07	1.1E-10	2.7E-09	1.69E-07	1.70E-07	2.63E-09	2.74E-09
59	UCART3	478319.28	3732645.39	478319.28, 3	3.07E-04	2.19E-03	4.41E-05	3.34E-05	6.8E-08	4.8E-07	9.7E-09	7.4E-09	8.1E-10	1.9E-07	1.2E-10	2.9E-09	1.84E-07	1.85E-07	2.81E-09	2.92E-09
60	UCART3	478369.28	3732645.39	478369.28, 3	3.23E-04	2.34E-03	4.64E-05	3.52E-05	7.1E-08	5.2E-07	1.0E-08	7.8E-09	8.5E-10	2.0E-07	1.2E-10	3.1E-09	1.96E-07	1.97E-07	2.96E-09	3.08E-09
61	UCART3	478419.28	3732645.39	478419.28, 3	3.41E-04	2.50E-03	4.89E-05	3.77E-05	7.5E-08	5.5E-07	1.1E-08	8.3E-09	9.0E-10	2.2E-07	1.3E-10	3.3E-09	2.10E-07	2.11E-07	3.16E-09	3.29E-09
62	UCART3	478469.28	3732645.39	478469.28, 3	3.61E-04	2.70E-03	5.18E-05	4.00E-05	8.0E-08	6.0E-07	1.1E-08	8.8E-09	9.5E-10	2.3E-07	1.4E-10	3.5E-09	2.27E-07	2.28E-07	3.36E-09	3.50E-09
63	UCART3	478519.28	3732645.39	478519.28, 3	3.86E-04	3.04E-03	5.54E-05	4.34E-05	8.5E-08	6.7E-07	1.2E-08	9.6E-09	1.0E-09	2.6E-07	1.5E-10	3.8E-09	2.55E-07	2.56E-07	3.65E-09	3.79E-09
64	UCART3	478569.28	3732645.39	478569.28, 3	4.10E-04	3.29E-03	5.90E-05	4.64E-05	9.1E-08	7.3E-07	1.3E-08	1.0E-08	1.1E-09	2.9E-07	1.6E-10	4.0E-09	2.76E-07	2.78E-07	3.90E-09	4.05E-09
65	UCART3	478619.28	3732645.39	478619.28, 3	4.34E-04	3.43E-03	6.23E-05	4.88E-05	9.6E-08	7.6E-07	1.4E-08	1.1E-08	1.1E-09	3.0E-07	1.6E-10	4.2E-09	2.89E-07	2.90E-07	4.10E-09	4.27E-09
66	UCART3	478669.28	3732645.39	478669.28, 3	4.61E-04	3.65E-03	6.63E-05	5.19E-05	1.0E-07	8.0E-07	1.5E-08	1.1E-08	1.2E-09	3.2E-07	1.7E-10	4.5E-09	3.07E-07	3.08E-07	4.36E-09	4.53E-09
67	UCART3	478719.28	3732645.39	478719.28, 3	4.92E-04	3.89E-03	7.07E-05	5.52E-05	1.1E-07	8.6E-07	1.6E-08	1.2E-08	1.3E-09	3.4E-07	1.9E-10	4.8E-09	3.27E-07	3.28E-07	4.64E-09	4.82E-09
68	UCART3	478769.28	3732645.39	478769.28, 3	5.24E-04	4.10E-03	7.53E-05	5.90E-05	1.2E-07	9.0E-07	1.7E-08	1.3E-08	1.4E-09	3.6E-07	2.0E-10	5.1E-09	3.45E-07	3.46E-07	4.96E-09	5.16E-09
69	UCART3	478819.28	3732645.39	478819.28, 3	5.61E-04	4.35E-03	8.06E-05	6.27E-05	1.2E-07	9.6E-07	1.8E-08	1.4E-08	1.5E-09	3.8E-07	2.1E-10	5.4E-09	3.65E-07	3.67E-07	5.27E-09	5.48E-09
70	UCART3	478869.28	3732645.39	478869.28, 3	6.16E-04	5.03E-03	8.85E-05	6.99E-05	1.4E-07	1.1E-06	2.0E-08	1.5E-08	1.6E-09	4.4E-07	2.3E-10	6.1E-09	4.23E-07	4.24E-07	5.87E-09	6.11E-09
71	UCART3	478919.28	3732645.39	478919.28, 3	6.65E-04	5.42E-03	9.56E-05	7.54E-05	1.5E-07	1.2E-06	2.1E-08	1.7E-08	1.8E-09	4.7E-07	2.5E-10	6.5E-09	4.55E-07	4.57E-07	6.33E-09	6.59E-09
72	UCART3	478969.28	3732645.39	478969.28, 3	7.22E-04	5.88E-03	1.04E-04	8.16E-05	1.6E-07	1.3E-06	2.3E-08	1.8E-08	1.9E-09	5.1E-07	2.7E-10	7.1E-09	4.94E-07	4.96E-07	6.85E-09	7.12E-09
73	UCART3	479019.28	3732645.39	479019.28, 3	7.87E-04	6.44E-03	1.13E-04	8.88E-05	1.7E-07	1.4E-06	2.5E-08	2.0E-08	2.1E-09	5.6E-07	3.0E-10	7.7E-09	5.41E-07	5.43E-07	7.46E-09	7.76E-09
74	UCART3	479069.28	3732645.39	479069.28, 3	8.65E-04	7.18E-03	1.24E-04	9.80E-05	1.9E-07	1.6E-06	2.7E-08	2.2E-08	2.3E-09	6.2E-07	3.3E-10	8.5E-09	6.03E-07	6.06E-07	8.23E-09	8.56E-09
75	UCART3	479119.28	3732645.39	479119.28, 3	9.39E-04	7.66E-03	1.35E-04	1.06E-04	2.1E-07	1.7E-06	3.0E-08	2.3E-08	2.5E-09	6.6E-07	3.6E-10	9.2E-09	6.44E-07	6.46E-07	8.88E-09	9.24E-09
76	UCART3	479169.28	3732645.39	479169.28, 3	1.03E-03	8.45E-03	1.48E-04	1.16E-04	2.3E-07	1.9E-06	3.3E-08	2.6E-08	2.7E-09	7.3E-07	3.9E-10	1.0E-08	7.10E-07	7.12E-07	9.78E-09	1.02E-08
77	UCART3	479219.28	3732645.39	479219.28, 3	1.12E-03	9.13E-03	1.62E-04	1.29E-04	2.5E-07	2.0E-06	3.6E-08	2.8E-08	3.0E-09	7.9E-07	4.3E-10	1.1E-08	7.67E-07	7.70E-07	1.08E-08	1.13E-08
78	UCART3	479269.28	3732645.39	479269.28, 3	1.23E-03	1.01E-02	1.77E-04	1.47E-04	2.7E-07	2.2E-06	3.9E-08	3.2E-08	3.2E-09	8.7E-07	4.7E-10	1.3E-08	8.48E-07	8.51E-07	1.24E-08	1.28E-08
79	UCART3	478269.28	3732695.39	478269.28, 3	2.97E-04	2.16E-03	4.26E-05	3.28E-05	6.5E-08	4.8E-07	9.4E-09	7.2E-09	7.8E-10	1.9E-07	1.1E-10	2.8E-09	1.81E-07	1.82E-07	2.75E-09	2.86E-09
80	UCART3	478319.28	3732695.39	478319.28, 3	3.14E-04	2.31E-03	4.48E-05	3.46E-05	6.9E-08	5.1E-07	9.9E-09	7.6E-09	8.2E-10	2.0E-07	1.2E-10	3.0E-09	1.94E-07	1.95E-07	2.90E-09	3.02E-09
81	UCART3	478369.28	3732695.39	478369.28, 3	3.29E-04	2.47E-03	4.73E-05	3.65E-05	7.3E-08	5.4E-07	1.0E-08	8.0E-09	8.7E-10	2.1E-07	1.2E-10	3.2E-09	2.08E-07	2.08E-07	3.06E-09	3.19E-09
82	UCART3	478419.28	3732695.39	478419.28, 3	3.47E-04	2.64E-03	4.99E-05	3.88E-05	7.7E-08	5.8E-07	1.1E-08	8.5E-09	9.2E-10	2.3E-07	1.3E-10	3.4E-09	2.22E-07	2.23E-07	3.26E-09	3.39E-09
83	UCART3	478469.28	3732695.39	478469.28, 3	3.69E-04	2.86E-03	5.29E-05	4.13E-05	8.1E-08	6.3E-07	1.2E-08	9.1E-09	9.7E-10	2.5E-07	1.4E-10	3.6E-09	2.40E-07	2.41E-07	3.47E-09	3.61E-09
84	UCART3	478519.28	3732695.39	478519.28, 3	3.95E-04	3.20E-03	5.67E-05	4.47E-05	8.7E-08	7.1E-07	1.3E-08	9.9E-09	1.0E-09	2.8E-07	1.5E-10	3.9E-09	2.69E-07	2.70E-07	3.75E-09	3.90E-09
85	UCART3	478569.28	3732695.39	478569.28, 3	4.20E-04	3.46E-03	6.04E-05	4.77E-05	9.3E-08	7.6E-07	1.3E-08	1.1E-08	1.1E-09	3.0E-07	1.6E-10	4.1E-09	2.90E-07	2.91E-07	4.01E-09	4.17E-09
86	UCART3	478619.28	3732695.39	478619.28, 3	4.46E-04	3.64E-03	6.41E-05	5.06E-05	9.8E-08	8.0E-07	1.4E-08	1.1E-08	1.2E-09	3.2E-07	1.7E-10	4.4E-09	3.06E-07	3.07E-07	4.25E-09	4.42E-09
87	UCART3	478669.28	3732695.39	478669.28, 3	4.76E-04	3.86E-03	6.83E-05	5.37E-05	1.0E-07	8.5E-07	1.5E-08	1.2E-08	1.3E-09	3.3E-07	1.8E-10	4.7E-09	3.24E-07	3.25E-07

132	UCART3	478819.28	3732795.39	478819.28, 3	6.54E-04	5.82E-03	9.40E-05	7.43E-05	1.4E-07	1.3E-06	2.1E-08	1.6E-08	1.7E-09	5.0E-07	2.5E-10	6.4E-09	4.89E-07	4.91E-07	6.24E-09	6.49E-09
133	UCART3	478869.28	3732795.39	478869.28, 3	7.24E-04	6.50E-03	1.04E-04	8.17E-05	1.6E-07	1.4E-06	2.3E-08	1.8E-08	1.9E-09	5.6E-07	2.7E-10	7.1E-09	5.46E-07	5.48E-07	6.86E-09	7.14E-09
134	UCART3	478919.28	3732795.39	478919.28, 3	8.05E-04	7.23E-03	1.16E-04	8.95E-05	1.8E-07	1.6E-06	2.6E-08	2.0E-08	2.1E-09	6.3E-07	3.0E-10	7.8E-09	6.07E-07	6.09E-07	7.52E-09	7.83E-09
135	UCART3	478969.28	3732795.39	478969.28, 3	9.03E-04	8.07E-03	1.30E-04	9.89E-05	2.0E-07	1.8E-06	2.9E-08	2.2E-08	2.4E-09	7.0E-07	3.4E-10	8.6E-09	6.78E-07	6.81E-07	8.31E-09	8.65E-09
136	UCART3	479019.28	3732795.39	479019.28, 3	1.02E-03	9.06E-03	1.47E-04	1.10E-04	2.3E-07	2.0E-06	3.2E-08	2.4E-08	2.7E-09	7.9E-07	3.9E-10	9.5E-09	7.62E-07	7.64E-07	9.22E-09	9.60E-09
137	UCART3	479069.28	3732795.39	479069.28, 3	1.17E-03	1.02E-02	1.68E-04	1.23E-04	2.6E-07	2.3E-06	3.7E-08	2.7E-08	3.1E-09	8.9E-07	4.4E-10	1.1E-08	8.59E-07	8.62E-07	1.03E-08	1.08E-08
138	UCART3	479119.28	3732795.39	479119.28, 3	1.36E-03	1.17E-02	1.95E-04	1.38E-04	3.0E-07	2.6E-06	4.3E-08	3.0E-08	3.6E-09	1.0E-06	5.1E-10	1.2E-08	9.81E-07	9.84E-07	1.16E-08	1.21E-08
139	UCART3	479169.28	3732795.39	479169.28, 3	1.59E-03	1.34E-02	2.29E-04	1.57E-04	3.5E-07	3.0E-06	5.0E-08	3.5E-08	4.2E-09	1.2E-06	6.0E-10	1.4E-08	1.13E-06	1.13E-06	1.31E-08	1.38E-08
140	UCART3	479219.28	3732795.39	479219.28, 3	1.89E-03	1.57E-02	2.72E-04	1.80E-04	4.2E-07	3.5E-06	6.0E-08	4.0E-08	5.0E-09	1.4E-06	7.2E-10	1.6E-08	1.32E-06	1.33E-06	1.51E-08	1.58E-08
141	UCART3	479269.28	3732795.39	479269.28, 3	2.24E-03	1.81E-02	3.22E-04	2.10E-04	4.9E-07	4.0E-06	7.1E-08	4.6E-08	5.9E-09	1.6E-06	8.5E-10	1.8E-08	1.52E-06	1.53E-06	1.76E-08	1.85E-08
142	UCART3	478269.28	3732845.39	478269.28, 3	3.13E-04	2.61E-03	4.49E-05	3.61E-05	6.9E-08	5.8E-07	9.9E-09	8.0E-09	8.2E-10	2.3E-07	1.2E-10	3.1E-09	2.20E-07	2.20E-07	3.03E-09	3.15E-09
143	UCART3	478319.28	3732845.39	478319.28, 3	3.27E-04	2.69E-03	4.69E-05	3.76E-05	7.2E-08	5.9E-07	1.0E-08	8.3E-09	8.6E-10	2.3E-07	1.2E-10	3.3E-09	2.26E-07	2.27E-07	3.16E-09	3.28E-09
144	UCART3	478369.28	3732845.39	478369.28, 3	3.48E-04	2.99E-03	5.00E-05	4.03E-05	7.7E-08	6.6E-07	1.1E-08	8.9E-09	9.2E-10	2.6E-07	1.3E-10	3.5E-09	2.51E-07	2.52E-07	3.39E-09	3.52E-09
145	UCART3	478419.28	3732845.39	478419.28, 3	3.69E-04	3.23E-03	5.30E-05	4.31E-05	8.1E-08	7.1E-07	1.2E-08	9.5E-09	9.7E-10	2.8E-07	1.4E-10	3.7E-09	2.71E-07	2.72E-07	3.62E-09	3.76E-09
146	UCART3	478469.28	3732845.39	478469.28, 3	3.92E-04	3.47E-03	5.63E-05	4.58E-05	8.7E-08	7.7E-07	1.2E-08	1.0E-08	1.0E-09	3.0E-07	1.5E-10	4.0E-09	2.92E-07	2.93E-07	3.84E-09	3.99E-09
147	UCART3	478519.28	3732845.39	478519.28, 3	4.17E-04	3.67E-03	5.98E-05	4.83E-05	9.2E-08	8.1E-07	1.3E-08	1.1E-08	1.1E-09	3.2E-07	1.6E-10	4.2E-09	3.08E-07	3.09E-07	4.06E-09	4.22E-09
148	UCART3	478569.28	3732845.39	478569.28, 3	4.44E-04	3.87E-03	6.38E-05	5.14E-05	9.8E-08	8.5E-07	1.4E-08	1.1E-08	1.2E-09	3.4E-07	1.7E-10	4.5E-09	3.25E-07	3.27E-07	4.32E-09	4.49E-09
149	UCART3	478619.28	3732845.39	478619.28, 3	4.77E-04	4.19E-03	6.85E-05	5.50E-05	1.1E-07	9.2E-07	1.5E-08	1.2E-08	1.3E-09	3.6E-07	1.8E-10	4.8E-09	3.52E-07	3.53E-07	4.62E-09	4.80E-09
150	UCART3	478669.28	3732845.39	478669.28, 3	5.15E-04	4.55E-03	7.39E-05	5.93E-05	1.1E-07	1.0E-06	1.6E-08	1.3E-08	1.4E-09	3.9E-07	1.9E-10	5.1E-09	3.82E-07	3.83E-07	4.98E-09	5.17E-09
151	UCART3	478719.28	3732845.39	478719.28, 3	5.59E-04	4.98E-03	8.03E-05	6.40E-05	1.2E-07	1.1E-06	1.8E-08	1.4E-08	1.5E-09	4.3E-07	2.1E-10	5.5E-09	4.18E-07	4.20E-07	5.38E-09	5.59E-09
152	UCART3	478769.28	3732845.39	478769.28, 3	6.16E-04	5.57E-03	8.85E-05	7.03E-05	1.4E-07	1.2E-06	2.0E-08	1.6E-08	1.6E-09	4.8E-07	2.3E-10	6.1E-09	4.68E-07	4.69E-07	5.90E-09	6.14E-09
153	UCART3	478819.28	3732845.39	478819.28, 3	6.82E-04	6.21E-03	9.79E-05	7.75E-05	1.5E-07	1.4E-06	2.2E-08	1.7E-08	1.8E-09	5.5E-07	2.6E-10	6.7E-09	5.31E-07	5.33E-07	6.51E-09	6.77E-09
154	UCART3	478869.28	3732845.39	478869.28, 3	7.58E-04	7.06E-03	1.09E-04	8.51E-05	1.7E-07	1.6E-06	2.4E-08	1.9E-08	2.0E-09	6.1E-07	2.9E-10	7.4E-09	5.93E-07	5.95E-07	7.15E-09	7.44E-09
155	UCART3	478919.28	3732845.39	478919.28, 3	8.47E-04	7.72E-03	1.22E-04	9.36E-05	1.9E-07	1.7E-06	2.7E-08	2.1E-08	2.2E-09	6.7E-07	3.2E-10	8.1E-09	6.49E-07	6.51E-07	7.87E-09	8.19E-09
156	UCART3	478969.28	3732845.39	478969.28, 3	9.57E-04	8.67E-03	1.38E-04	1.03E-04	2.1E-07	1.9E-06	3.0E-08	2.3E-08	2.5E-09	7.5E-07	3.6E-10	9.0E-09	7.28E-07	7.31E-07	8.68E-09	9.05E-09
157	UCART3	479019.28	3732845.39	479019.28, 3	1.10E-03	9.87E-03	1.58E-04	1.16E-04	2.4E-07	2.2E-06	3.5E-08	2.5E-08	2.9E-09	8.5E-07	4.2E-10	1.0E-08	8.29E-07	8.32E-07	9.71E-09	1.01E-08
158	UCART3	479069.28	3732845.39	479069.28, 3	1.28E-03	1.13E-02	1.84E-04	1.29E-04	2.8E-07	2.5E-06	4.1E-08	2.9E-08	3.4E-09	9.8E-07	4.8E-10	1.1E-08	9.48E-07	9.51E-07	1.09E-08	1.14E-08
159	UCART3	479119.28	3732845.39	479119.28, 3	1.52E-03	1.30E-02	2.18E-04	1.47E-04	3.3E-07	2.9E-06	4.8E-08	3.2E-08	4.0E-09	1.1E-06	5.7E-10	1.3E-08	1.10E-06	1.10E-06	1.23E-08	1.29E-08
160	UCART3	479169.28	3732845.39	479169.28, 3	1.85E-03	1.57E-02	2.66E-04	1.69E-04	4.1E-07	3.5E-06	5.9E-08	3.7E-08	4.9E-09	1.4E-06	7.0E-10	1.5E-08	1.32E-06	1.32E-06	1.42E-08	1.49E-08
161	UCART3	479219.28	3732845.39	479219.28, 3	2.30E-03	1.89E-02	3.31E-04	1.98E-04	5.1E-07	4.2E-06	7.3E-08	4.4E-08	6.1E-09	1.6E-06	8.7E-10	1.7E-08	1.59E-06	1.59E-06	1.66E-08	1.75E-08
162	UCART3	479269.28	3732845.39	479269.28, 3	2.88E-03	2.26E-02	4.15E-04	2.34E-04	6.4E-07	5.0E-06	9.1E-08	5.2E-08	7.6E-09	2.0E-06	1.1E-09	2.0E-08	1.90E-06	1.91E-06	1.97E-08	2.08E-08
163	UCART3	478269.28	3732995.39	478269.28, 3	3.24E-04	2.83E-03	4.65E-05	3.95E-05	7.1E-08	6.2E-07	1.0E-08	8.7E-09	8.5E-10	2.4E-07	1.2E-10	3.4E-09	2.38E-07	2.38E-07	3.32E-09	3.44E-09
164	UCART3	478319.28	3732995.39	478319.28, 3	3.40E-04	2.98E-03	4.88E-05	4.11E-05	7.5E-08	6.6E-07	1.1E-08	9.1E-09	9.0E-10	2.6E-07	1.3E-10	3.6E-09	2.51E-07	2.51E-07	3.45E-09	3.58E-09
165	UCART3	478369.28	3732995.39	478369.28, 3	3.59E-04	3.19E-03	5.16E-05	4.36E-05	7.9E-08	7.0E-07	1.1E-08	9.6E-09	9.5E-10	2.8E-07	1.4E-10	3.8E-09	2.68E-07	2.69E-07	3.66E-09	3.80E-09
166	UCART3	478419.28	3732995.39	478419.28, 3	3.80E-04	3.42E-03	5.46E-05	4.59E-05	8.4E-08	7.5E-07	1.2E-08	1.0E-08	1.0E-09	3.0E-07	1.4E-10	4.0E-09	2.87E-07	2.88E-07	3.86E-09	4.00E-09
167	UCART3	478469.28	3732995.39	478469.28, 3	4.04E-04	3.67E-03	5.80E-05	4.85E-05	8.9E-08	8.1E-07	1.3E-08	1.1E-08	1.1E-09	3.2E-07	1.5E-10	4.2E-09	3.09E-07	3.10E-07	4.07E-09	4.22E-09
168	UCART3	478519.28	3732995.39	478519.28, 3	4.30E-04	3.96E-03	6.18E-05	5.17E-05	9.5E-08	8.7E-07	1.4E-08	1.1E-08	1.1E-09	3.4E-07	1.6E-10	4.5E-09	3.33E-07	3.34E-07	4.34E-09	4.50E-09
169	UCART3	478569.28	3732995.39	478569.28, 3	4.62E-04	4.30E-03	6.64E-05	5.52E-05	1.0E-07	9.5E-07	1.5E-08	1.2E-08	1.2E-09	3.7E-07	1.7E-10	4.8E-09	3.61E-07	3.62E-07	4.64E-09	4.82E-09
170	UCART3	478619.28	3732995.39	478619.28, 3	5.00E-04	4.70E-03	7.18E-05	5.98E-05	1.1E-07	1.0E-06	1.6E-08	1.3E-08	1.3E-09	4.1E-07	1.9E-10	5.2E-09	3.95E-07	3.96E-07	5.02E-09	5.21E-09
171	UCART3	478669.28	3732995.39	478669.28, 3	5.45E-04	5.17E-03	7.83E-05	6.51E-05	1.2E-07	1.1E-06	1.7E-08	1.4E-08	1.4E-09	4.5E-07	2.1E-10	5.6E-09	4.35E-07	4.36E-07	5.47E-09	5.67E-09
172	UCART3	478719.28	3732995.39	478719.28, 3	5.99E-04	5.72E-03	8.59E-05	7.14E-05	1.3E-07	1.3E-06	1.9E-08	1.6E-08	1.6E-09	5.0E-07	2.3E-10	6.2E-09	4.81E-07	4.82E-07	5.99E-09	6.22E-09
173	UCART3	478969.28	3732995.39	478969.28, 3	1.10E-03	1.06E-02	1.58E-04	1.20E-04	2.4E-07	2.3E-06	3.5E-08	2.7E-08	2.9E-09	9.2E-07	4.2E-10	1.0E-08	8.92E-07	8.95E-07	1.01E-08	1.05E-08
174	UCART3	479019.28	3732995.39	479019.28, 3	1.31E-03	1.25E-02	1.88E-04	1.36E-04	2.9E-07	2.7E-06	4.1E-08	3.0E-08	3.4E-09	1.1E-06	5.0E-10	1.2E-08	1.05E-06	1.05E-06	1.14E-08	1.19E-08
175	UCART3	479069.28	3732995.39	479069.28, 3	1.60E-03	1.49E-02	2.29E-04	1.55E-04	3.5E-07	3.3E-06	5.1E-08	3.4E-08	4.2E-09	1.3E-06	6.0E-10	1.3E-08	1.25E-06	1.26E-06	1.30E-08	1.36E-08
176	UCART3	479119.28	3732995.39	479119.28, 3	2.03E-03	1.83E-02	2.93E-04	1.80E-04	4.5E-07	4.0E-06	6.5E-08	4.0E-08	5.4E-09	1.6E-06	7.7E-10	1.6E-08	1.54E-06	1.54E-06	1.51E-08	1.59E-08
177	UCART3	479169.28	3732995.39	479169.28, 3	2.51E-03	2.31E-02	3.96E-04	2.11E-04	6.1E-07	5.1E-06	8.7E-08	4.7E-08	7.2E-09	2.0E-06	1.0E-09	1.8E-08	1.95E-06	1.96E-06	1.77E-08	1.88E-08
178	UCART3	479219.28	3732995.39	479219.28, 3	4.06E-03	3.09E-02	5.85E-04	2.52E-04	9.0E-07	6.8E-06	1.3E-07	5.6E-08	1.1E-08	2.7E-06	1.5E-09	2.2E-08	2.59E-06	2.61E-06	2.12E-08	2.28E-08
179	UCART3	479269.28	3732995.39	479269.28, 3	7.04E-03	4.35E-02	1.01E-03	3.34E-04	1.6E-06	9.6E-06	2.2E-07	7.4E-08	1.9E-08	3.8E-06	2.7E-09	2.9E-08	3.66E-06	3.68E-06	2.81E-08	3.08E-08
180	UCART3	478269.28	3733045.39	478269.28, 3	3.25E-04	2.85E-03	4.66E-05	3.99E-05	7.2E-08	6.3E-07	1.0E-08	8.8E-09	8.5E-10	2.5E-07	1.2E-10	3.5E-09	2.39E-07	2.40E-07	3.36E-09	3.48E-09
181	UCART3	478319.28	3733045.39	478319.28, 3	3.41E-04	3.01E-03	4.90E-05	4.18E-05	7.5E-08	6.6E-07	1.1E-08	9.2E-09	9.0E-10	2.6E-07	1.3E-10	3.6E-09	2.53E-07	2.54E-07	3.51E-09	3.64E-09
182	UCART3	478369.28	3733045.39	478369.28, 3	3.60E-04	3.21E-03	5.17E-05	4.42E-05	7.9E-08	7.1E-07	1.1E-08	9.8E-09	9.5E-10	2.8E-07	1.4E-10	3.8E-09	2.70E-07	2.71E-07	3.72E-09	3.85E-09
183	UCART3	478419.28	3733045.39	478419.28, 3	3.81E-04	3.44E-03	5.47E-05	4.65E-05	8.4E-08	7.6E-07	1.2E-08	1.0E-08	1.0E-09	3.0E-07	1.4E-10	4.0E-09	2.89E-07	2.90E-07	3.90E-09	4.05E-09
184	UCART3	478469.28	3733045.39	478469.28, 3	4.04E-04	3.70E-03	5.80E-05	4.89E-05	8.9E-08	8.2E-07	1.3E-08	1.1E-08	1.1E-09	3.2E-07	1.5E-10	4.2E-09	3.11E-07	3.12E-07	4.11E-09	4.26E-09
185	UCART3	478519.28	3733045.39	478519.28, 3	4.31E-04	3.99E-03	6.19E-05	5.21E-05	9.5E-08	8.8E-07	1.4E-08	1.1E-08	1.1E-09	3.5E-07	1.6E-10	4.5E-09	3.35E-07	3.36E-07	4.37E-09	4.54E-09
186	UCART3	478569.28	3733045.39	478569.28, 3	4.63E-04	4.33E-03	6.65E-05	5.59E-05	1.0E-07	9.6E-07	1.5E-08	1.2E-08	1.2E-09	3.8E-07	1.8E-10	4.8E-09	3.64E-07	3.65E-07	4.70E-09	4.87E-09
187	UCART3	478619.28	3733045.39	478619.28, 3	5.02E-04	4.74E-03	7.21E-05	6.04E-05	1.1E-07	1.0E-06	1.6E-08	1.3E-08	1.3E-09	4.1E-07	1.9E-10	5.2E-09	3.98E-07	4.00E-07	5.07E-09	5.26E-09
188	UCART3	478669.28	3733045.39	478669.28, 3	5.48E-04	5.23E-03	7.87E-05	6.59E-05	1.2E-07	1.2E-06	1.7E-08	1.5E-08	1.4E-09	4.5E-07	2.1E-10	5.7E-09	4.39E-07	4.41E-07	5.53E-09	5.74E-09
189	UCART3	478719.28	3733045.39	478719.28, 3	6.03E-04	5.79E-03	8.65E-05	7.21E-05	1.3E-07	1.3E-06	1.9E-08	1.6E-08	1.6E-09	5.0E-07	2.3E-10	6.2E-09	4.86E-07	4.88E-07	6.06E-09	6.29E-09
190	UCART3	478769.28	3733045.39	478769.28, 3	6.67E-04	6.45E-03	9.58E-05	8.00E-05	1.5E-07	1.4E-06	2.1E-08	1.8E-08	1.8E-09	5.6E-07	2.5E-10	6.9E-09	5.41E-07	5.43E-07	6.72E-09	6.97E-09
191	UCART3	478819.28	3733045.39	478819.28, 3	7.46E-04	7.24E-03	1.07E-04	8.86E-05	1.6E-07	1.6E-06	2.4E-08	2.0E-08	2.0E-09	6.3E-07	2.8E-10	7.7E-09	6.08E-07	6.10E-07	7.44E-09	7.72E-09
192	UCART3	478969.28	3733045.39	478969.28, 3	1.12E-03	1.09E-02	1.61E-04	1.24E-04	2.5E-07	2.4E-06	3.6E-08	2.7E-08	3.0E-09	9.4E-07	4.2E-10	1.1E-08	9.12E-07	9.15E-07	1.04E-08	1.08E-08
193	UCART3	479019.28	3733045.39	479019.28, 3	1.34E-03	1.28E-02	1.92E-04	1.40E-04	3.0E-07	2.8E-06	4.2E-08	3.1E-08	3.5E-09	1.1E-06	5.1E-10	1.2E-08	1.07E-06	1.08E-06	1.18E-08	1.23E-08
194	UCART3	479069.28	3733045.39	479069.28, 3	1.64E-03	1.54E-02	2.36E-04	1.61E-04	3.6E-07	3.4E-06	5.2E-08	3.6E-08	4.3E-09	1.3E-06	6.2E-10	1.4E-08	1.29E-06	1.30E-06	1.36E-08	1.42E-08
195	UCART3	479119.28	3733045.39	479119.28, 3	2.11E-03	1.90E-02	3.03E-04	1.87E-04	4.7E-07	4.2E-06	6.7E-08	4.1E-08	5.6E-09	1.6E-06	8.0E-10	1.6E-08	1.60E-06	1.60E-06	1.57E-08	1.65E-08
196	UCART3	479169.28	3733045.39	479169.28, 3	2.89E-03	2.44E-02	4.16E-04	2.21E-04	6.4E-07	5.4E-06	9.2E-08	4.9E-08	7.6E-09	2.1E-06	1.1E-09	1.9E-08	2.05E-06	2.06E-06	1.86E-08	1.97E-08
197	UCART3	479219.28	3733045.39	479219.28, 3	4.40E-03	3.31E-02	6.33E-04	2.68E-04	9.7E-07	7.3E-06	1.4E-07	5.9E-08	1.2E-08	2.9E-06	1.7E-09	2.3E-08	2.78E-06	2.80E-06	2.25E-08	2.42E-08
198	UCART3	479269.28	3733045.39	479269.28, 3	8.07E-03	4.88E-02	1.16E-03	3.64E-04	1.8E-06	1.1E-05	2.6E-07	8.0E-08	2.1E-08	4.2E-06	3.1E-09	3.2E-08	4.10E-06	4.12E-06	3.06E-08	3.37E-08
199	UCART3	478269.28	3733095.39	478269.28, 3	3.24E-04	2.85E-03	4.66E-05	4.00E-05	7.2E-08	6.3E-07	1.0E-08	8.8E-09	8.5E-10	2.5E-07	1.2E-10	3.5E-09	2.40E-07	2.41E-07	3.36E-09	3.48E-09
200	UCART3	478319.28	3733095.39	478319.28, 3	3.41E-04	3.01E-03	4.89E-05	4.22E-05	7.5E-08	6.6E-07	1.1E-08	9.2E-09	9.0E-10	2.6E-07	1.3E-10	3.6E-09	2.53E-07	2.54E-07	3.54E-09	3.67E-09
201	UCART3	478369.28	3733095.39	478369.28, 3	3.59E-04	3.22E-03	5.16E-05	4.42E-05	7.9E-08	7.1E-07	1.1E-08	9.8E-09	9.5E-10	2.8E-07	1.4E-10	3.8E-09	2.70E-07	2.71E-07	3.72E-09	3.85E-09
202	UCART3	478419.28	3733095.39	478419.28, 3	3.80E-04	3.44E-03	5.45E-05	4.64E-05	8.4E-08	7.6E-07	1.2E-08	1.0E-08	1.0E-09	3.0E-07	1.4E-10	4.0E-09	2.89E-07	2.90E-07	3.90E-09	4.04E-09
203	UCART3	478469.28	3733095.39	478469.28, 3	4.02E-04	3.69E-03	5.78E-05	4.89E-05	8.9E-08	8.1E-07	1.3E-08	1.1E-08	1.1E-09	3.2E-07	1.5E-10	4.2E-09	3.10E-07	3.11E-07	4.11E-09	4.26E-09
204	UCART3	478519.28	3733095.39	478519.28, 3	4.29E-04	3.99E-03	6.17E-05	5.22E-05	9.5E-08	8.8E-07	1.4E-08	1.2E-08	1.1E-09	3.5E-07	1.6E-10	4.5E-09	3.35E-07	3.36E-07	4.38E-09	4.54E-09
205	UCART3	478569.28	3733095.39	478569.28, 3	4.62E-04	4.33E-03	6.63E-05	5.59E-05	1.0E-07	9.6E-07	1.5E-08	1.2E-08	1.2E-09	3.8E-07	1.7E-10	4.8E-09	3.64E-07	3.65E-07	4.70E-09	4.87E-09
206	UCART3	478619.28	3733095.39	478619.28, 3	5.00E-04	4.74E-03	7.18E-05	6.05E-05	1.1E-07	1.0E-06	1.6E-08	1.3E-08	1.3E-09	4.1E-07	1.9E-10	5.2E-09	3.98E-07	4.00E-07	5.08E-09	5.27E-09
207	UCART3	478669.28	3733095.39	478669.28, 3	5.47E-04	5.23E-03	7.85E-05	6.60E-05	1.2E-07	1.2E-06	1.7E-08	1.5E-08	1.4E-09	4.5E-07	2.1E-10	5.7E-09	4.40E-07	4.41E-07	5.55E-09	5.75E-09
208	UCART3	478719.28	3733095.39	478719.28, 3	6.03E-04	5.81E-03	8.65E-05	7.26E-05	1.3E-07	1.3E-06	1.9E-08	1.6E-08	1.6E-09	5.0E-07	2.3E-10	6.3E-09	4.88E-07	4.90E-07	6.10E-09	6.33E-09
209	UCART3	478769.28	3733095.39	478769.28, 3	6.69E-04	6.49E-03	9.60E-05	8.08E-05	1.5E-07	1.4E-06	2.1E-08	1.8E-08	1.8E-09	5.6E-07	2.5E-10	7.0E-09	5.45E-07	5.47E-07	6.79E-09	7.04E-09
210	UCART3	478819.28	3733095.39	478819.28, 3	7.51E-04	7.34E-03	1.08E-04	9.02E-05	1.7E-07	1.6E-06	2.4E-08	2.0E-08	2.0E-09	6.4E-07	2.8E-10	7.8E-09	6.17E-07	6.19E-07	7.58E-09	7.86E-09
211	UCART3	478869.28	3733095.39	478869.28, 3	8.50E-04	8.31E-03	1.22E-04	1.01E-04	1.9E-07	1.8E-06	2.7E-08	2.2E-08	2.2E-09	7.2E-07	3.2E-10	8.7E-09	6.98E-07	7.00E-07	8.48E-09	8.80E-09
212	UCART3	478919.28	3733095.39	478919.28, 3	9.75E-04	9.51E-03	1.40E-04	1.13E-04	2.2E-07	2.1E-06	3.1E-08	2.5E-08	2.6E-09	8.2E-07	3.7E-10	9.8E-09	7.99E-07	8.01E-07	9.46E-09	9.83E-09
213	UCART3	478969.28	3733095.39	478969.28, 3	1.13E-03	1.10E-02	1.63E-04	1.26E-04	2.5E-07	2.4E-06	3.6E-08	2.8E-08	3.0E-09	9.5E-07	4.3E-10	1.1E-08	9.20E-07	9.23E-07	1.06E-08	1.11E-08
214	UCART3	479019.28	3733095.39	479019.28, 3	1.36E-03	1.29E-02	1.95E-04	1.45E-04	3.0E-07	2.9E-06	4.3E-08	3.2E-08	3.6E-09	1.1E-06	5.1E-10	1.3E-08	1.09E-06	1.09E-06	1.22E-08	1.27E-08
215	UCART3	479069.28	3733095.39	479069.28, 3	1.67E-03	1.56E-02	2.41E-04	1.67E-04	3.7E-07	3.4E-06	5.3E-08	3.7E-08	4.4E-09	1.3E-06	6.3E-10	1.4E-08	1.31E-06	1.31E-06	1.40E-08	1.47E-08
216	UCART3	479119.28	3733095.39	479119.28, 3	2.15E-03	1.93E-02	3.10E-04	1.94E-04	4.8E-07	4.2E-06	6.8E-08	4.3E-08	5.7E-09	1.7E-06	8.2E-10	1.7E-08	1.62E-06	1.62E-06	1.63E-08	1.72E-08
217	UCART3	479169.28	3733095.39	479169.28, 3	2.96E-03	2.47E-02	4.25E-04	2.30E-04	6.5E-07	5.5E-06	9.4E-08	5.1E-08	7.8E-09	2.1E-06	1.1E-09	2.0E-08	2.08E-06	2.08E-06	1.93E-08	2.05E-08
218	UCART3	479219.28	3733095.39	479219.28, 3	4.49E-03	3.35E-02	6.46E-04	2.83E-04	9.9E-07	7.4E-06	1.4E-07	6.2E-08	1.2E-08	2.9E-06	1.7E-09	2.4E-08	2.81E-06	2.82E-06	2.37E-08	2.54E-08
219	UCART3	479269.28	3733095.39	479269.28, 3	8.29E-03	4.93E-02	1.19E-03	3.93E-04	1.8E-06	1.1E-05	2.6E-07	8.7E-08	2.2E-08	4.3E-06	3.1E-09	3.4E-08	4.14E-06	4.16E-06	3.30E-08	3.62E-

274	UCART3	478819.28, 3	3733295.39	478819.28, 3	7.20E-04	7.00E-03	1.03E-04	8.99E-05	1.6E-07	1.5E-06	2.3E-08	2.0E-08	1.9E-09	6.1E-07	2.7E-10	7.8E-09	5.88E-07	5.90E-07	7.55E-09	7.82E-09
275	UCART3	478869.28, 3	3733295.39	478869.28, 3	8.11E-04	7.84E-03	1.16E-04	1.00E-04	1.8E-07	1.7E-06	2.6E-08	2.2E-08	2.1E-09	6.8E-07	3.1E-10	8.7E-09	6.59E-07	6.61E-07	8.44E-09	8.75E-09
276	UCART3	478919.28, 3	3733295.39	478919.28, 3	9.27E-04	8.86E-03	1.33E-04	1.14E-04	2.0E-07	2.0E-06	2.9E-08	2.5E-08	2.4E-09	7.7E-07	3.5E-10	9.8E-09	7.44E-07	7.46E-07	9.54E-09	9.89E-09
277	UCART3	478969.28, 3	3733295.39	478969.28, 3	1.07E-03	1.01E-02	1.54E-04	1.28E-04	2.4E-07	2.2E-06	3.4E-08	2.8E-08	2.8E-09	8.7E-07	4.0E-10	1.1E-08	8.48E-07	8.51E-07	1.07E-08	1.11E-08
278	UCART3	479019.28, 3	3733295.39	479019.28, 3	1.26E-03	1.16E-02	1.81E-04	1.46E-04	2.8E-07	2.6E-06	4.0E-08	3.2E-08	3.3E-09	1.0E-06	4.8E-10	1.3E-08	9.76E-07	9.80E-07	1.22E-08	1.27E-08
279	UCART3	479069.28, 3	3733295.39	479069.28, 3	1.52E-03	1.35E-02	2.17E-04	1.67E-04	3.3E-07	3.0E-06	4.8E-08	3.7E-08	4.0E-09	1.2E-06	5.7E-10	1.4E-08	1.14E-06	1.14E-06	1.40E-08	1.46E-08
280	UCART3	479119.28, 3	3733295.39	479119.28, 3	1.86E-03	1.60E-02	2.67E-04	1.92E-04	4.1E-07	3.5E-06	5.9E-08	4.2E-08	4.9E-09	1.4E-06	7.0E-10	1.7E-08	1.34E-06	1.35E-06	1.61E-08	1.68E-08
281	UCART3	479169.28, 3	3733295.39	479169.28, 3	2.36E-03	1.91E-02	3.38E-04	2.23E-04	5.2E-07	4.2E-06	7.4E-08	4.9E-08	6.2E-09	1.7E-06	8.9E-10	1.9E-08	1.60E-06	1.61E-06	1.88E-08	1.97E-08
282	UCART3	479219.28, 3	3733295.39	479219.28, 3	3.08E-03	2.31E-02	4.41E-04	2.63E-04	6.8E-07	5.1E-06	9.7E-08	5.8E-08	8.1E-09	2.0E-06	1.2E-09	2.3E-08	1.94E-06	1.95E-06	2.21E-08	2.32E-08
283	UCART3	479269.28, 3	3733295.39	479269.28, 3	4.13E-03	2.82E-02	5.92E-04	3.14E-04	9.1E-07	6.2E-06	1.3E-07	6.9E-08	1.1E-08	2.4E-06	1.6E-09	2.7E-08	2.37E-06	2.38E-06	2.64E-08	2.79E-08
284	UCART3	478819.28	3733345.39	478819.28, 3	7.05E-04	6.81E-03	1.01E-04	8.92E-05	1.6E-07	1.5E-06	2.2E-08	2.0E-08	1.9E-09	5.9E-07	2.7E-10	7.7E-09	5.72E-07	5.74E-07	7.49E-09	7.76E-09
285	UCART3	478869.28	3733345.39	478869.28, 3	7.92E-04	7.60E-03	1.14E-04	9.99E-05	1.7E-07	1.7E-06	2.5E-08	2.2E-08	2.1E-09	6.6E-07	3.0E-10	8.7E-09	6.38E-07	6.41E-07	8.39E-09	8.69E-09
286	UCART3	478919.28	3733345.39	478919.28, 3	9.02E-04	8.53E-03	1.29E-04	1.14E-04	2.0E-07	1.9E-06	2.9E-08	2.5E-08	2.4E-09	7.4E-07	3.4E-10	9.9E-09	7.16E-07	7.19E-07	9.58E-09	9.92E-09
287	UCART3	478969.28	3733345.39	478969.28, 3	1.04E-03	9.66E-03	1.49E-04	1.28E-04	2.3E-07	2.1E-06	3.3E-08	2.8E-08	2.7E-09	8.4E-07	3.9E-10	1.1E-08	8.11E-07	8.14E-07	1.08E-08	1.12E-08
288	UCART3	479019.28	3733345.39	479019.28, 3	1.21E-03	1.10E-02	1.74E-04	1.45E-04	2.7E-07	2.4E-06	3.8E-08	3.2E-08	3.2E-09	9.6E-07	4.6E-10	1.3E-08	9.27E-07	9.30E-07	1.22E-08	1.27E-08
289	UCART3	479069.28	3733345.39	479069.28, 3	1.44E-03	1.27E-02	2.07E-04	1.66E-04	3.2E-07	2.8E-06	4.6E-08	3.7E-08	3.8E-09	1.1E-06	5.5E-10	1.4E-08	1.07E-06	1.07E-06	1.39E-08	1.45E-08
290	UCART3	479119.28	3733345.39	479119.28, 3	1.75E-03	1.48E-02	2.51E-04	1.89E-04	3.9E-07	3.3E-06	5.5E-08	4.2E-08	4.6E-09	1.3E-06	6.6E-10	1.6E-08	1.25E-06	1.25E-06	1.59E-08	1.66E-08
291	UCART3	479169.28	3733345.39	479169.28, 3	2.18E-03	1.75E-02	3.12E-04	2.19E-04	4.8E-07	3.9E-06	6.9E-08	4.8E-08	5.7E-09	1.5E-06	8.2E-10	1.9E-08	1.47E-06	1.47E-06	1.84E-08	1.92E-08
292	UCART3	479219.28	3733345.39	479219.28, 3	2.79E-03	2.07E-02	4.00E-04	2.56E-04	6.2E-07	4.6E-06	8.8E-08	5.6E-08	7.3E-09	1.8E-06	1.1E-09	2.2E-08	1.74E-06	1.75E-06	2.15E-08	2.25E-08
293	UCART3	479269.28	3733345.39	479269.28, 3	3.66E-03	2.48E-02	5.23E-04	3.01E-04	8.1E-07	5.5E-06	1.2E-07	6.6E-08	9.6E-09	2.1E-06	1.4E-09	2.6E-08	2.08E-06	2.09E-06	2.53E-08	2.67E-08
294	UCART3	478819.28	3733395.39	478819.28, 3	6.93E-04	6.59E-03	9.95E-05	9.09E-05	1.5E-07	1.5E-06	2.2E-08	2.0E-08	1.8E-09	5.7E-07	2.6E-10	7.9E-09	5.54E-07	5.56E-07	7.63E-09	7.90E-09
295	UCART3	478869.28	3733395.39	478869.28, 3	7.74E-04	7.32E-03	1.11E-04	1.01E-04	1.7E-07	1.6E-06	2.4E-08	2.2E-08	2.0E-09	6.3E-07	2.9E-10	8.7E-09	6.15E-07	6.17E-07	8.48E-09	8.77E-09
296	UCART3	478919.28	3733395.39	478919.28, 3	8.75E-04	8.17E-03	1.25E-04	1.14E-04	1.9E-07	1.8E-06	2.8E-08	2.5E-08	2.3E-09	7.1E-07	3.3E-10	9.8E-09	6.87E-07	6.89E-07	9.54E-09	9.87E-09
297	UCART3	478969.28	3733395.39	478969.28, 3	1.00E-03	9.20E-03	1.43E-04	1.28E-04	2.2E-07	2.0E-06	3.2E-08	2.8E-08	2.6E-09	8.0E-07	3.8E-10	1.1E-08	7.73E-07	7.75E-07	1.07E-08	1.11E-08
298	UCART3	479019.28	3733395.39	479019.28, 3	1.16E-03	1.04E-02	1.66E-04	1.44E-04	2.6E-07	2.3E-06	3.7E-08	3.2E-08	3.1E-09	9.0E-07	4.4E-10	1.2E-08	8.76E-07	8.79E-07	1.21E-08	1.25E-08
299	UCART3	479069.28	3733395.39	479069.28, 3	1.37E-03	1.19E-02	1.96E-04	1.64E-04	3.0E-07	2.6E-06	4.3E-08	3.6E-08	3.6E-09	1.0E-06	5.2E-10	1.4E-08	1.00E-06	1.00E-06	1.37E-08	1.43E-08
300	UCART3	479119.28	3733395.39	479119.28, 3	1.65E-03	1.37E-02	2.36E-04	1.87E-04	3.6E-07	3.0E-06	5.2E-08	4.1E-08	4.3E-09	1.2E-06	6.2E-10	1.6E-08	1.15E-06	1.16E-06	1.57E-08	1.63E-08
301	UCART3	479169.28	3733395.39	479169.28, 3	2.03E-03	1.60E-02	2.90E-04	2.15E-04	4.5E-07	3.5E-06	6.4E-08	4.7E-08	5.3E-09	1.4E-06	7.6E-10	1.9E-08	1.34E-06	1.35E-06	1.81E-08	1.89E-08
302	UCART3	479219.28	3733395.39	479219.28, 3	2.56E-03	1.87E-02	3.66E-04	2.50E-04	5.6E-07	4.1E-06	8.1E-08	5.5E-08	6.7E-09	1.6E-06	9.6E-10	2.2E-08	1.57E-06	1.58E-06	2.10E-08	2.19E-08
303	UCART3	479269.28	3733395.39	479269.28, 3	3.32E-03	2.21E-02	4.75E-04	2.93E-04	7.3E-07	4.9E-06	1.0E-07	6.5E-08	8.8E-09	1.9E-06	1.3E-09	2.5E-08	1.86E-06	1.87E-06	2.46E-08	2.58E-08
304	UCART3	478919.28	3733445.39	478919.28, 3	8.46E-04	7.81E-03	1.21E-04	1.12E-04	1.9E-07	1.7E-06	2.7E-08	2.5E-08	2.2E-09	6.8E-07	3.2E-10	9.7E-09	6.56E-07	6.58E-07	9.39E-09	9.71E-09
305	UCART3	478969.28	3733445.39	478969.28, 3	9.62E-04	8.73E-03	1.38E-04	1.25E-04	2.1E-07	1.9E-06	3.0E-08	2.8E-08	2.5E-09	7.6E-07	3.6E-10	1.1E-08	7.33E-07	7.36E-07	1.05E-08	1.09E-08
306	UCART3	479019.28	3733445.39	479019.28, 3	1.11E-03	9.82E-03	1.59E-04	1.41E-04	2.4E-07	2.2E-06	3.5E-08	3.1E-08	2.9E-09	8.5E-07	4.2E-10	1.2E-08	8.25E-07	8.28E-07	1.18E-08	1.22E-08
307	UCART3	479069.28	3733445.39	479069.28, 3	1.30E-03	1.11E-02	1.86E-04	1.59E-04	2.9E-07	2.5E-06	4.1E-08	3.5E-08	3.4E-09	9.6E-07	4.9E-10	1.4E-08	9.35E-07	9.38E-07	1.34E-08	1.39E-08
308	UCART3	479119.28	3733445.39	479119.28, 3	1.55E-03	1.27E-02	2.21E-04	1.81E-04	3.4E-07	2.8E-06	4.9E-08	4.0E-08	4.1E-09	1.1E-06	5.8E-10	1.6E-08	1.07E-06	1.07E-06	1.52E-08	1.58E-08
309	UCART3	479169.28	3733445.39	479169.28, 3	1.88E-03	1.46E-02	2.69E-04	2.07E-04	4.1E-07	3.2E-06	5.9E-08	4.6E-08	5.0E-09	1.3E-06	7.1E-10	1.8E-08	1.23E-06	1.23E-06	1.74E-08	1.81E-08
310	UCART3	479219.28	3733445.39	479219.28, 3	2.34E-03	1.70E-02	3.35E-04	2.40E-04	5.2E-07	3.7E-06	7.4E-08	5.3E-08	6.2E-09	1.5E-06	8.8E-10	2.1E-08	1.43E-06	1.43E-06	2.02E-08	2.10E-08
311	UCART3	479269.28	3733445.39	479269.28, 3	3.03E-03	2.00E-02	4.33E-04	2.81E-04	6.7E-07	4.4E-06	9.5E-08	6.2E-08	8.0E-09	1.7E-06	1.1E-09	2.4E-08	1.68E-06	1.68E-06	2.36E-08	2.47E-08
312	UCART3	478919.28	3733495.39	478919.28, 3	8.15E-04	7.42E-03	1.17E-04	1.10E-04	1.8E-07	1.6E-06	2.6E-08	2.4E-08	2.1E-09	6.4E-07	3.1E-10	9.5E-09	6.24E-07	6.26E-07	9.22E-09	9.52E-09
313	UCART3	478969.28	3733495.39	478969.28, 3	9.21E-04	8.25E-03	1.32E-04	1.22E-04	2.0E-07	1.8E-06	2.9E-08	2.7E-08	2.4E-09	7.1E-07	3.5E-10	1.1E-08	6.93E-07	6.95E-07	1.02E-08	1.06E-08
314	UCART3	479019.28	3733495.39	479019.28, 3	1.05E-03	9.22E-03	1.51E-04	1.36E-04	2.3E-07	2.0E-06	3.3E-08	3.0E-08	2.8E-09	8.0E-07	4.0E-10	1.2E-08	7.74E-07	7.77E-07	1.15E-08	1.19E-08
315	UCART3	479069.28	3733495.39	479069.28, 3	1.22E-03	1.04E-02	1.75E-04	1.54E-04	2.7E-07	2.3E-06	3.9E-08	3.4E-08	3.2E-09	9.0E-07	4.6E-10	1.3E-08	8.71E-07	8.74E-07	1.29E-08	1.34E-08
316	UCART3	479119.28	3733495.39	479119.28, 3	1.44E-03	1.17E-02	2.07E-04	1.74E-04	3.2E-07	2.6E-06	4.6E-08	3.8E-08	3.8E-09	1.0E-06	5.4E-10	1.5E-08	9.86E-07	9.90E-07	1.46E-08	1.51E-08
317	UCART3	479169.28	3733495.39	479169.28, 3	1.73E-03	1.34E-02	2.48E-04	1.98E-04	3.8E-07	3.0E-06	5.5E-08	4.4E-08	4.6E-09	1.2E-06	6.5E-10	1.7E-08	1.13E-06	1.13E-06	1.67E-08	1.73E-08
318	UCART3	479219.28	3733495.39	479219.28, 3	2.14E-03	1.54E-02	3.06E-04	2.29E-04	4.7E-07	3.4E-06	6.7E-08	5.0E-08	5.6E-09	1.3E-06	8.1E-10	2.0E-08	1.30E-06	1.30E-06	1.92E-08	2.00E-08
319	UCART3	479269.28	3733495.39	479269.28, 3	2.71E-03	1.85E-02	3.90E-04	2.68E-04	6.0E-07	4.0E-06	8.6E-08	5.9E-08	7.2E-09	1.6E-06	1.0E-09	2.3E-08	1.51E-06	1.52E-06	2.25E-08	2.35E-08
320	UCART3	478869.28	3733545.39	478869.28, 3	7.03E-04	6.38E-03	1.01E-04	9.69E-05	1.6E-07	1.4E-06	2.2E-08	2.1E-08	1.9E-09	5.5E-07	2.7E-10	8.4E-09	5.36E-07	5.38E-07	8.14E-09	8.40E-09
321	UCART3	478919.28	3733545.39	478919.28, 3	7.83E-04	7.03E-03	1.12E-04	1.07E-04	1.7E-07	1.6E-06	2.5E-08	2.4E-08	2.1E-09	6.1E-07	3.0E-10	9.2E-09	5.91E-07	5.93E-07	8.97E-09	9.26E-09
322	UCART3	478969.28	3733545.39	478969.28, 3	8.80E-04	7.77E-03	1.26E-04	1.18E-04	1.9E-07	1.7E-06	2.8E-08	2.6E-08	2.3E-09	6.7E-07	3.3E-10	1.0E-08	6.53E-07	6.55E-07	9.93E-09	1.03E-08
323	UCART3	479019.28	3733545.39	479019.28, 3	9.99E-04	8.63E-03	1.43E-04	1.32E-04	2.2E-07	1.9E-06	3.2E-08	2.9E-08	2.6E-09	7.5E-07	3.8E-10	1.1E-08	7.25E-07	7.28E-07	1.11E-08	1.14E-08
324	UCART3	479069.28	3733545.39	479069.28, 3	1.15E-03	9.63E-03	1.65E-04	1.48E-04	2.5E-07	2.1E-06	3.6E-08	3.3E-08	3.0E-09	8.3E-07	4.3E-10	1.3E-08	8.09E-07	8.12E-07	1.24E-08	1.28E-08
325	UCART3	479119.28	3733545.39	479119.28, 3	1.34E-03	1.08E-02	1.92E-04	1.66E-04	3.0E-07	2.4E-06	4.2E-08	3.7E-08	3.5E-09	9.4E-07	5.1E-10	1.4E-08	9.10E-07	9.13E-07	1.40E-08	1.45E-08
326	UCART3	479169.28	3733545.39	479169.28, 3	1.59E-03	1.22E-02	2.28E-04	1.90E-04	3.5E-07	2.7E-06	5.0E-08	4.2E-08	4.2E-09	1.1E-06	6.0E-10	1.6E-08	1.03E-06	1.03E-06	1.59E-08	1.65E-08
327	UCART3	479219.28	3733545.39	479219.28, 3	1.94E-03	1.40E-02	2.77E-04	2.18E-04	4.3E-07	3.1E-06	6.1E-08	4.8E-08	5.1E-09	1.2E-06	7.3E-10	1.9E-08	1.17E-06	1.18E-06	1.83E-08	1.91E-08
328	UCART3	479269.28	3733545.39	479269.28, 3	2.42E-03	1.61E-02	3.46E-04	2.56E-04	5.3E-07	3.6E-06	7.6E-08	5.6E-08	6.4E-09	1.4E-06	9.1E-10	2.2E-08	1.35E-06	1.36E-06	2.15E-08	2.24E-08
329	UCART3	478719.28	3733595.39	478719.28, 3	5.22E-04	4.75E-03	7.49E-05	7.35E-05	1.2E-07	1.0E-06	1.7E-08	1.6E-08	1.4E-09	4.1E-07	2.0E-10	6.4E-09	3.99E-07	4.00E-07	6.17E-09	6.37E-09
330	UCART3	478769.28	3733595.39	478769.28, 3	5.66E-04	5.13E-03	8.12E-05	7.94E-05	1.2E-07	1.1E-06	1.8E-08	1.8E-08	1.5E-09	4.4E-07	2.1E-10	6.9E-09	4.31E-07	4.32E-07	6.67E-09	6.89E-09
331	UCART3	478819.28	3733595.39	478819.28, 3	6.17E-04	5.56E-03	8.84E-05	8.61E-05	1.4E-07	1.2E-06	2.0E-08	1.9E-08	1.6E-09	4.8E-07	2.3E-10	7.5E-09	4.67E-07	4.69E-07	7.23E-09	7.46E-09
332	UCART3	478869.28	3733595.39	478869.28, 3	6.77E-04	6.06E-03	9.71E-05	9.38E-05	1.5E-07	1.3E-06	2.1E-08	2.1E-08	1.8E-09	5.2E-07	2.6E-10	8.1E-09	5.09E-07	5.11E-07	7.88E-09	8.13E-09
333	UCART3	478919.28	3733595.39	478919.28, 3	7.50E-04	6.65E-03	1.08E-04	1.03E-04	1.7E-07	1.5E-06	2.4E-08	2.3E-08	2.0E-09	5.8E-07	2.8E-10	8.9E-09	5.58E-07	5.60E-07	8.67E-09	8.95E-09
334	UCART3	478969.28	3733595.39	478969.28, 3	8.38E-04	7.31E-03	1.20E-04	1.14E-04	1.8E-07	1.6E-06	2.6E-08	2.5E-08	2.2E-09	6.3E-07	3.2E-10	9.9E-09	6.14E-07	6.16E-07	9.55E-09	9.87E-09
335	UCART3	479019.28	3733595.39	479019.28, 3	9.45E-04	8.07E-03	1.35E-04	1.26E-04	2.1E-07	1.8E-06	3.0E-08	2.8E-08	2.5E-09	7.0E-07	3.6E-10	1.1E-08	6.78E-07	6.80E-07	1.06E-08	1.10E-08
336	UCART3	479069.28	3733595.39	479069.28, 3	1.08E-03	8.94E-03	1.54E-04	1.41E-04	2.4E-07	2.0E-06	3.4E-08	3.1E-08	2.8E-09	7.7E-07	4.1E-10	1.2E-08	7.51E-07	7.54E-07	1.19E-08	1.23E-08
337	UCART3	479119.28	3733595.39	479119.28, 3	1.24E-03	9.97E-03	1.78E-04	1.59E-04	2.7E-07	2.2E-06	3.9E-08	3.5E-08	3.3E-09	8.6E-07	4.7E-10	1.4E-08	8.37E-07	8.41E-07	1.33E-08	1.38E-08
338	UCART3	479169.28	3733595.39	479169.28, 3	1.46E-03	1.12E-02	2.09E-04	1.81E-04	3.2E-07	2.5E-06	4.6E-08	4.0E-08	3.8E-09	9.7E-07	5.5E-10	1.6E-08	9.38E-07	9.42E-07	1.52E-08	1.58E-08
339	UCART3	479219.28	3733595.39	479219.28, 3	1.74E-03	1.26E-02	2.49E-04	2.09E-04	3.8E-07	2.8E-06	5.5E-08	4.6E-08	4.6E-09	1.1E-06	6.6E-10	1.8E-08	1.06E-06	1.06E-06	1.75E-08	1.82E-08
340	UCART3	479269.28	3733595.39	479269.28, 3	2.13E-03	1.44E-02	3.05E-04	2.44E-04	4.7E-07	3.2E-06	6.7E-08	5.4E-08	5.6E-09	1.2E-06	8.0E-10	2.1E-08	1.21E-06	1.21E-06	2.05E-08	2.13E-08
341	UCART3	478719.28	3733645.39	478719.28, 3	5.08E-04	4.56E-03	7.29E-05	7.19E-05	1.1E-07	1.0E-06	1.6E-08	1.6E-08	1.3E-09	4.0E-07	1.9E-10	6.2E-09	3.83E-07	3.85E-07	6.04E-09	6.23E-09
342	UCART3	478769.28	3733645.39	478769.28, 3	5.49E-04	4.92E-03	7.87E-05	7.74E-05	1.2E-07	1.1E-06	1.7E-08	1.7E-08	1.4E-09	4.3E-07	2.1E-10	6.7E-09	4.13E-07	4.14E-07	6.50E-09	6.71E-09
343	UCART3	478819.28	3733645.39	478819.28, 3	5.96E-04	5.32E-03	8.55E-05	8.40E-05	1.3E-07	1.2E-06	1.9E-08	1.9E-08	1.6E-09	4.6E-07	2.3E-10	7.3E-09	4.47E-07	4.48E-07	7.05E-09	7.28E-09
344	UCART3	478869.28	3733645.39	478869.28, 3	6.52E-04	5.77E-03	9.35E-05	9.12E-05	1.4E-07	1.3E-06	2.1E-08	2.0E-08	1.7E-09	5.0E-07	2.5E-10	7.9E-09	4.84E-07	4.86E-07	7.66E-09	7.91E-09
345	UCART3	478919.28	3733645.39	478919.28, 3	7.18E-04	6.28E-03	1.03E-04	9.98E-05	1.6E-07	1.4E-06	2.3E-08	2.2E-08	1.9E-09	5.4E-07	2.7E-10	8.6E-09	5.28E-07	5.30E-07	8.38E-09	8.66E-09
346	UCART3	478969.28	3733645.39	478969.28, 3	7.96E-04	6.87E-03	1.14E-04	1.10E-04	1.8E-07	1.5E-06	2.5E-08	2.4E-08	2.1E-09	6.0E-07	3.0E-10	9.5E-09	5.77E-07	5.79E-07	9.21E-09	9.51E-09
347	UCART3	479019.28	3733645.39	479019.28, 3	8.91E-04	7.53E-03	1.28E-04	1.22E-04	2.0E-07	1.7E-06	2.8E-08	2.7E-08	2.3E-09	6.5E-07	3.4E-10	1.1E-08	6.33E-07	6.35E-07	1.02E-08	1.06E-08
348	UCART3	479069.28	3733645.39	479069.28, 3	1.01E-03	8.29E-03	1.44E-04	1.36E-04	2.2E-07	1.8E-06	3.2E-08	3.0E-08	2.7E-09	7.2E-07	3.8E-10	1.2E-08	6.96E-07	6.99E-07	1.14E-08	1.18E-08
349	UCART3	479119.28	3733645.39	479119.28, 3	1.15E-03	9.16E-03	1.65E-04	1.53E-04	2.5E-07	2.0E-06	3.6E-08	3.4E-08	3.0E-09	7.9E-07	4.3E-10	1.3E-08	7.70E-07	7.73E-07	1.29E-08	1.33E-08
350	UCART3	479169.28	3733645.39	479169.28, 3	1.33E-03	1.02E-02	1.90E-04	1.74E-04	2.9E-07	2.2E-06	4.2E-08	3.8E-08	3.5E-09	8.8E-07	5.0E-10	1.5E-08	8.55E-07	8.58E-07	1.46E-08	1.51E-08
351	UCART3	479219.28	3733645.39	479219.28, 3	1.56E-03	1.13E-02	2.24E-04	2.00E-04	3.4E-07	2.5E-06	4.9E-08	4.4E-08	4.1E-09	9.8E-07	5.9E-10	1.7E-08	9.53E-07	9.57E-07	1.68E-08	1.74E-08
352	UCART3	479269.28	3733645.39	479269.28, 3	1.87E-03	1.27E-02	2.67E-04	2.31E-04	4.1E-07	2.8E-06	5.9E-08	5.1E-08	4.9E-09	1.1E-06	7.0E-10	2.0E-08	1.07E-06	1.07E-06	1.94E-08	2.01E-08
353	UCART3	478269.28	3733695.39	478269.28, 3	2.98E-04	2.51E-03	4.28E-05	4.17E-05	6.6E-08	5.5E-07	9.4E-09	9.2E-09	7.8E-10	2.2E-07	1.1E-10	3.6E-09	2.11E-07	2.12E-07	3.50E-09	3.62E-09
354	UCART3	478319.28	3733695.39	478319.28, 3	3.12E-04	2.65E-03	4.47E-05	4.38E-05	6.9E-08	5.9E-07	9.9E-09	9.7E-09	8.2E-10	2.3E-07	1.2E-10	3.8E-09	2.23E-07	2.24E-07	3.68E-09	3.80E-09
355	UCART3	478369.28	3733695.39	478369.28, 3	3.27E-04	2.81E-03	4.69E-05	4.60E-05	7.2E-08	6.2E-07	1.0E-08	1.0E-08	8.6E-10	2.4E-07	1.2E-10	4.0E-09	2.36E-07	2.37E-07	3.87E-09	3.99E-09
356	UCART3	478419.28	3733695.39	478419.28, 3	3.44E-04	2.97E-03	4.93E-05	4.84E-05	7.6E-08	6.6E-07	1.1E-08	1.1E-08	9.1E-10	2.6E-07	1.3E-10	4.2E-09	2.50E-07	2.51E-07	4.06E-09	4.19E-09
357	UCART3	478469.28	3733695.39	478469.28, 3	3.62E-04	3.15E-03	5.20E-05	5.12E-05	8.0E-08	7.0E-07	1.1E-08	1.1E-08	9.5E-10	2.7E-07	1.4E-10	4.4E-09	2.65E-07	2.66E-07	4.30E-09	4.44E-09
358	UCART3	478519.28	3733695.39	478519.28, 3	3.83E-04	3.35E-03	5.49E-05	5.42E-05	8.4E-08	7.4E-07	1.2E-08	1.2E-08	1.0E-09	2.9E-07	1.4E-10	4.7E-09	2.82E-07	2.83E-07	4.55E-09	4.70E-09
359	UCART3	478569.28	3733695.39	478569.28, 3	4.06E-04	3.57E-03	5.82E-05	5.75E-05	8.9E-08	7.9E-07	1.3E-08	1.3E-08	1.1E-09	3.1E-07	1.5E-10	5.0E-09	3.00E-07	3.01E-07	4.83E-09	4.99E-09
360	UCART3	478619.28	3733695.39	478619.28, 3	4.31E-04	3.82E-03	6.19E-05	6.12E-05	9.5E-08	8.4E-07	1.4E-08	1.4E-08	1.1E-09	3.3E-07	1.6E-10	5.3E-09	3.21E-07	3.22E-07	5.14E-09	5.31E-09
361	UCART3	478669.28	3733695.39	478669.28, 3	4.61E-04	4.08E-03	6.61E-05	6.57E-05	1.0E-07	9.0E-07	1.5E-08	1.4E-08	1.2E-09	3.5E-07	1.7E-10	5.7E-09	3.

416 UCART3	478269.28	3733845.39 478269.28, 3	2.85E-04	2.34E-03	4.10E-05	4.03E-05	6.3E-08	5.2E-07	9.0E-09	8.9E-09	7.5E-10	2.0E-07	1.1E-10	3.5E-09	1.97E-07	1.98E-07	3.38E-09	3.49E-09
417 UCART3	478319.28	3733845.39 478319.28, 3	2.98E-04	2.46E-03	4.27E-05	4.23E-05	6.6E-08	5.4E-07	9.4E-09	9.3E-09	7.8E-10	2.1E-07	1.1E-10	3.7E-09	2.07E-07	2.08E-07	3.55E-09	3.67E-09
418 UCART3	478369.28	3733845.39 478369.28, 3	3.11E-04	2.59E-03	4.47E-05	4.44E-05	6.9E-08	5.7E-07	9.9E-09	9.8E-09	8.2E-10	2.2E-07	1.2E-10	3.8E-09	2.18E-07	2.19E-07	3.73E-09	3.85E-09
419 UCART3	478419.28	3733845.39 478419.28, 3	3.26E-04	2.73E-03	4.68E-05	4.65E-05	7.2E-08	6.0E-07	1.0E-08	1.0E-08	8.6E-10	2.4E-07	1.2E-10	4.0E-09	2.29E-07	2.30E-07	3.90E-09	4.03E-09
420 UCART3	478469.28	3733845.39 478469.28, 3	3.42E-04	2.88E-03	4.91E-05	4.90E-05	7.5E-08	6.4E-07	1.1E-08	1.1E-08	9.0E-10	2.5E-07	1.3E-10	4.2E-09	2.42E-07	2.43E-07	4.11E-09	4.24E-09
421 UCART3	478519.28	3733845.39 478519.28, 3	3.59E-04	3.04E-03	5.16E-05	5.16E-05	7.9E-08	6.7E-07	1.1E-08	1.1E-08	9.5E-10	2.6E-07	1.4E-10	4.5E-09	2.56E-07	2.57E-07	4.34E-09	4.47E-09
422 UCART3	478569.28	3733845.39 478569.28, 3	3.79E-04	3.22E-03	5.44E-05	5.46E-05	8.4E-08	7.1E-07	1.2E-08	1.2E-08	1.0E-09	2.8E-07	1.4E-10	4.7E-09	2.70E-07	2.71E-07	4.59E-09	4.73E-09
423 UCART3	478619.28	3733845.39 478619.28, 3	4.00E-04	3.41E-03	5.75E-05	5.79E-05	8.8E-08	7.5E-07	1.3E-08	1.3E-08	1.1E-09	3.0E-07	1.5E-10	5.0E-09	2.86E-07	2.87E-07	4.87E-09	5.02E-09
424 UCART3	478669.28	3733845.39 478669.28, 3	4.24E-04	3.61E-03	6.09E-05	6.16E-05	9.4E-08	8.0E-07	1.3E-08	1.4E-08	1.1E-09	3.1E-07	1.6E-10	5.3E-09	3.04E-07	3.05E-07	5.17E-09	5.34E-09
425 UCART3	478719.28	3733845.39 478719.28, 3	4.51E-04	3.84E-03	6.47E-05	6.58E-05	9.9E-08	8.5E-07	1.4E-08	1.5E-08	1.2E-09	3.3E-07	1.7E-10	5.7E-09	3.23E-07	3.24E-07	5.53E-09	5.70E-09
426 UCART3	478769.28	3733845.39 478769.28, 3	4.81E-04	4.09E-03	6.90E-05	7.05E-05	1.1E-07	9.0E-07	1.5E-08	1.6E-08	1.3E-09	3.5E-07	1.8E-10	6.1E-09	3.43E-07	3.45E-07	5.92E-09	6.10E-09
427 UCART3	478819.28	3733845.39 478819.28, 3	5.15E-04	4.35E-03	7.39E-05	7.56E-05	1.1E-07	9.6E-07	1.6E-08	1.7E-08	1.4E-09	3.8E-07	1.9E-10	6.6E-09	3.66E-07	3.67E-07	6.35E-09	6.55E-09
428 UCART3	478869.28	3733845.39 478869.28, 3	5.53E-04	4.64E-03	7.94E-05	8.16E-05	1.2E-07	1.0E-06	1.8E-08	1.8E-08	1.5E-09	4.0E-07	2.1E-10	7.1E-09	3.90E-07	3.91E-07	6.86E-09	7.06E-09
429 UCART3	478919.28	3733845.39 478919.28, 3	5.97E-04	4.96E-03	8.56E-05	8.81E-05	1.3E-07	1.1E-06	1.9E-08	1.9E-08	1.6E-09	4.3E-07	2.3E-10	7.6E-09	4.17E-07	4.18E-07	7.41E-09	7.63E-09
430 UCART3	478969.28	3733845.39 478969.28, 3	6.47E-04	5.31E-03	9.27E-05	9.56E-05	1.4E-07	1.2E-06	2.0E-08	2.1E-08	1.7E-09	4.6E-07	2.4E-10	8.3E-09	4.46E-07	4.47E-07	8.03E-09	8.28E-09
431 UCART3	479019.28	3733845.39 479019.28, 3	7.04E-04	5.68E-03	1.01E-04	1.05E-04	1.6E-07	1.3E-06	2.2E-08	2.3E-08	1.9E-09	4.9E-07	2.7E-10	9.1E-09	4.77E-07	4.79E-07	8.79E-09	9.06E-09
432 UCART3	479069.28	3733845.39 479069.28, 3	7.69E-04	6.08E-03	1.10E-04	1.15E-04	1.7E-07	1.3E-06	2.4E-08	2.5E-08	2.0E-09	5.3E-07	2.9E-10	9.9E-09	5.11E-07	5.13E-07	9.64E-09	9.93E-09
433 UCART3	479119.28	3733845.39 479119.28, 3	8.44E-04	6.52E-03	1.21E-04	1.27E-04	1.9E-07	1.4E-06	2.7E-08	2.8E-08	2.2E-09	5.7E-07	3.2E-10	1.1E-08	5.48E-07	5.50E-07	1.06E-08	1.10E-08
434 UCART3	479169.28	3733845.39 479169.28, 3	9.30E-04	6.99E-03	1.33E-04	1.40E-04	2.1E-07	1.5E-06	2.9E-08	3.1E-08	2.4E-09	6.1E-07	3.5E-10	1.2E-08	5.87E-07	5.90E-07	1.18E-08	1.21E-08
435 UCART3	479219.28	3733845.39 479219.28, 3	1.03E-03	7.49E-03	1.47E-04	1.56E-04	2.3E-07	1.7E-06	3.2E-08	3.4E-08	2.7E-09	6.5E-07	3.9E-10	1.4E-08	6.29E-07	6.32E-07	1.31E-08	1.35E-08
436 UCART3	479269.28	3733845.39 479269.28, 3	1.14E-03	8.00E-03	1.63E-04	1.75E-04	2.5E-07	1.8E-06	3.6E-08	3.9E-08	3.0E-09	6.9E-07	4.3E-10	1.5E-08	6.72E-07	6.75E-07	1.47E-08	1.51E-08
437 UCART3	479369.28	3733895.39 479369.28, 3	3.05E-04	2.51E-03	4.38E-05	4.37E-05	6.7E-08	5.5E-07	9.7E-09	9.6E-09	8.0E-10	2.2E-07	1.2E-10	3.8E-09	2.11E-07	2.12E-07	3.67E-09	3.78E-09
438 UCART3	478419.28	3733895.39 478419.28, 3	3.19E-04	2.65E-03	4.59E-05	4.58E-05	7.0E-08	5.8E-07	1.0E-08	1.0E-08	8.4E-10	2.3E-07	1.2E-10	4.0E-09	2.22E-07	2.23E-07	3.85E-09	3.97E-09
439 UCART3	478469.28	3733895.39 478469.28, 3	3.35E-04	2.79E-03	4.81E-05	4.81E-05	7.4E-08	6.1E-07	1.1E-08	1.1E-08	8.8E-10	2.4E-07	1.3E-10	4.2E-09	2.34E-07	2.35E-07	4.05E-09	4.17E-09
440 UCART3	478519.28	3733895.39 478519.28, 3	3.52E-04	2.94E-03	5.05E-05	5.07E-05	7.8E-08	6.5E-07	1.1E-08	1.1E-08	9.3E-10	2.5E-07	1.3E-10	4.4E-09	2.47E-07	2.48E-07	4.26E-09	4.40E-09
441 UCART3	478569.28	3733895.39 478569.28, 3	3.70E-04	3.10E-03	5.31E-05	5.35E-05	8.2E-08	6.8E-07	1.2E-08	1.2E-08	9.7E-10	2.7E-07	1.4E-10	4.6E-09	2.61E-07	2.62E-07	4.49E-09	4.63E-09
442 UCART3	478619.28	3733895.39 478619.28, 3	3.90E-04	3.28E-03	5.60E-05	5.67E-05	8.6E-08	7.2E-07	1.2E-08	1.3E-08	1.0E-09	2.8E-07	1.5E-10	4.9E-09	2.75E-07	2.76E-07	4.76E-09	4.91E-09
443 UCART3	478669.28	3733895.39 478669.28, 3	4.12E-04	3.47E-03	5.92E-05	6.01E-05	9.1E-08	7.6E-07	1.3E-08	1.3E-08	1.1E-09	3.0E-07	1.6E-10	5.2E-09	2.91E-07	2.92E-07	5.05E-09	5.21E-09
444 UCART3	478719.28	3733895.39 478719.28, 3	4.37E-04	3.67E-03	6.27E-05	6.44E-05	9.6E-08	8.1E-07	1.4E-08	1.4E-08	1.2E-09	3.2E-07	1.7E-10	5.6E-09	3.09E-07	3.10E-07	5.41E-09	5.58E-09
445 UCART3	478769.28	3733895.39 478769.28, 3	4.65E-04	3.89E-03	6.67E-05	6.88E-05	1.0E-07	8.6E-07	1.5E-08	1.5E-08	1.2E-09	3.4E-07	1.8E-10	6.0E-09	3.27E-07	3.28E-07	5.78E-09	5.95E-09
446 UCART3	478819.28	3733895.39 478819.28, 3	4.96E-04	4.13E-03	7.12E-05	7.36E-05	1.1E-07	9.1E-07	1.6E-08	1.6E-08	1.3E-09	3.6E-07	1.9E-10	6.4E-09	3.47E-07	3.49E-07	6.18E-09	6.37E-09
447 UCART3	478869.28	3733895.39 478869.28, 3	5.31E-04	4.39E-03	7.61E-05	7.90E-05	1.2E-07	9.7E-07	1.7E-08	1.7E-08	1.4E-09	3.8E-07	2.0E-10	6.8E-09	3.69E-07	3.70E-07	6.64E-09	6.84E-09
448 UCART3	478919.28	3733895.39 478919.28, 3	5.70E-04	4.67E-03	8.18E-05	8.52E-05	1.3E-07	1.0E-06	1.8E-08	1.9E-08	1.5E-09	4.1E-07	2.2E-10	7.4E-09	3.93E-07	3.94E-07	7.16E-09	7.37E-09
449 UCART3	478969.28	3733895.39 478969.28, 3	6.14E-04	4.97E-03	8.81E-05	9.19E-05	1.4E-07	1.1E-06	1.9E-08	2.0E-08	1.6E-09	4.3E-07	2.3E-10	8.0E-09	4.18E-07	4.20E-07	7.72E-09	7.95E-09
450 UCART3	479019.28	3733895.39 479019.28, 3	6.64E-04	5.30E-03	9.52E-05	9.99E-05	1.5E-07	1.2E-06	2.1E-08	2.2E-08	1.7E-09	4.6E-07	2.5E-10	8.7E-09	4.45E-07	4.47E-07	8.39E-09	8.64E-09
451 UCART3	479069.28	3733895.39 479069.28, 3	7.20E-04	5.64E-03	1.03E-04	1.09E-04	1.6E-07	1.2E-06	2.3E-08	2.4E-08	1.9E-09	4.9E-07	2.7E-10	9.5E-09	4.74E-07	4.76E-07	9.19E-09	9.46E-09
452 UCART3	479119.28	3733895.39 479119.28, 3	7.83E-04	6.01E-03	1.12E-04	1.20E-04	1.7E-07	1.3E-06	2.5E-08	2.6E-08	2.1E-09	5.2E-07	3.0E-10	1.0E-08	5.05E-07	5.07E-07	1.01E-08	1.04E-08
453 UCART3	479169.28	3733895.39 479169.28, 3	8.55E-04	6.40E-03	1.22E-04	1.32E-04	1.9E-07	1.4E-06	2.7E-08	2.9E-08	2.3E-09	5.5E-07	3.2E-10	1.1E-08	5.38E-07	5.40E-07	1.11E-08	1.14E-08
454 UCART3	479219.28	3733895.39 479219.28, 3	9.34E-04	6.80E-03	1.34E-04	1.46E-04	2.1E-07	1.5E-06	3.0E-08	3.2E-08	2.5E-09	5.9E-07	3.5E-10	1.3E-08	5.71E-07	5.74E-07	1.23E-08	1.26E-08
455 UCART3	479269.28	3733895.39 479269.28, 3	1.02E-03	7.21E-03	1.46E-04	1.63E-04	2.3E-07	1.6E-06	3.2E-08	3.6E-08	2.7E-09	6.2E-07	3.9E-10	1.4E-08	6.06E-07	6.08E-07	1.37E-08	1.41E-08
456 UCART3	478569.28	3733945.39 478569.28, 3	3.61E-04	2.98E-03	5.18E-05	5.27E-05	8.0E-08	6.6E-07	1.1E-08	1.2E-08	9.5E-10	2.6E-07	1.4E-10	4.6E-09	2.51E-07	2.52E-07	4.42E-09	4.56E-09
457 UCART3	478619.28	3733945.39 478619.28, 3	3.80E-04	3.15E-03	5.45E-05	5.55E-05	8.4E-08	6.9E-07	1.2E-08	1.2E-08	1.0E-09	2.7E-07	1.4E-10	4.8E-09	2.64E-07	2.65E-07	4.66E-09	4.80E-09
458 UCART3	478669.28	3733945.39 478669.28, 3	4.01E-04	3.32E-03	5.75E-05	5.88E-05	8.8E-08	7.3E-07	1.3E-08	1.3E-08	1.1E-09	2.9E-07	1.5E-10	5.1E-09	2.79E-07	2.80E-07	4.94E-09	5.09E-09
459 UCART3	478719.28	3733945.39 478719.28, 3	4.24E-04	3.51E-03	6.08E-05	6.25E-05	9.3E-08	7.7E-07	1.3E-08	1.4E-08	1.1E-09	3.0E-07	1.6E-10	5.4E-09	2.95E-07	2.96E-07	5.25E-09	5.41E-09
460 UCART3	478769.28	3733945.39 478769.28, 3	4.49E-04	3.71E-03	6.45E-05	6.69E-05	9.9E-08	8.2E-07	1.4E-08	1.5E-08	1.2E-09	3.2E-07	1.7E-10	5.8E-09	3.12E-07	3.13E-07	5.62E-09	5.79E-09
461 UCART3	478819.28	3733945.39 478819.28, 3	4.78E-04	3.92E-03	6.85E-05	7.12E-05	1.1E-07	8.7E-07	1.5E-08	1.6E-08	1.3E-09	3.4E-07	1.8E-10	6.2E-09	3.30E-07	3.31E-07	5.98E-09	6.16E-09
462 UCART3	478869.28	3733945.39 478869.28, 3	5.09E-04	4.16E-03	7.31E-05	7.63E-05	1.1E-07	9.2E-07	1.6E-08	1.7E-08	1.3E-09	3.6E-07	1.9E-10	6.6E-09	3.49E-07	3.50E-07	6.41E-09	6.60E-09
463 UCART3	478919.28	3733945.39 478919.28, 3	5.44E-04	4.40E-03	7.81E-05	8.20E-05	1.2E-07	9.7E-07	1.7E-08	1.8E-08	1.4E-09	3.8E-07	2.1E-10	7.1E-09	3.70E-07	3.71E-07	6.89E-09	7.09E-09
464 UCART3	478969.28	3733945.39 478969.28, 3	5.83E-04	4.67E-03	8.37E-05	8.83E-05	1.3E-07	1.0E-06	1.8E-08	1.9E-08	1.5E-09	4.0E-07	2.2E-10	7.6E-09	3.92E-07	3.94E-07	7.42E-09	7.64E-09
465 UCART3	479019.28	3733945.39 479019.28, 3	6.27E-04	4.95E-03	8.99E-05	9.56E-05	1.4E-07	1.1E-06	2.0E-08	2.1E-08	1.7E-09	4.3E-07	2.4E-10	8.3E-09	4.15E-07	4.17E-07	8.03E-09	8.27E-09
466 UCART3	479069.28	3733945.39 479069.28, 3	6.75E-04	5.24E-03	9.68E-05	1.04E-04	1.5E-07	1.2E-06	2.1E-08	2.3E-08	1.8E-09	4.5E-07	2.5E-10	9.0E-09	4.40E-07	4.42E-07	8.74E-09	9.00E-09
467 UCART3	479119.28	3733945.39 479119.28, 3	7.29E-04	5.55E-03	1.04E-04	1.13E-04	1.6E-07	1.2E-06	2.3E-08	2.5E-08	1.9E-09	4.8E-07	2.8E-10	9.8E-09	4.66E-07	4.68E-07	9.53E-09	9.80E-09
468 UCART3	479169.28	3733945.39 479169.28, 3	7.88E-04	5.87E-03	1.13E-04	1.24E-04	1.7E-07	1.3E-06	2.5E-08	2.7E-08	2.1E-09	5.1E-07	3.0E-10	1.1E-08	4.93E-07	4.96E-07	1.05E-08	1.08E-08
469 UCART3	479219.28	3733945.39 479219.28, 3	8.53E-04	6.20E-03	1.22E-04	1.37E-04	1.9E-07	1.4E-06	2.7E-08	3.0E-08	2.2E-09	5.4E-07	3.2E-10	1.2E-08	5.21E-07	5.23E-07	1.15E-08	1.18E-08
470 UCART3	479269.28	3733945.39 479269.28, 3	9.22E-04	6.52E-03	1.32E-04	1.51E-04	2.0E-07	1.4E-06	2.9E-08	3.3E-08	2.4E-09	5.7E-07	3.5E-10	1.3E-08	5.48E-07	5.51E-07	1.27E-08	1.30E-08
471 UCART3	478719.28	3733995.39 478719.28, 3	4.11E-04	3.35E-03	5.89E-05	6.08E-05	9.1E-08	7.4E-07	1.3E-08	1.3E-08	1.1E-09	2.9E-07	1.6E-10	5.3E-09	2.81E-07	2.83E-07	5.11E-09	5.27E-09
472 UCART3	478769.28	3733995.39 478769.28, 3	4.34E-04	3.53E-03	6.23E-05	6.48E-05	9.6E-08	7.8E-07	1.4E-08	1.4E-08	1.1E-09	3.1E-07	1.6E-10	5.6E-09	2.97E-07	2.98E-07	5.44E-09	5.61E-09
473 UCART3	478819.28	3733995.39 478819.28, 3	4.60E-04	3.73E-03	6.60E-05	6.91E-05	1.0E-07	8.2E-07	1.5E-08	1.5E-08	1.2E-09	3.2E-07	1.7E-10	6.0E-09	3.13E-07	3.14E-07	5.80E-09	5.98E-09
474 UCART3	478869.28	3733995.39 478869.28, 3	4.89E-04	3.93E-03	7.01E-05	7.36E-05	1.1E-07	8.7E-07	1.5E-08	1.6E-08	1.3E-09	3.4E-07	1.8E-10	6.4E-09	3.30E-07	3.32E-07	6.19E-09	6.37E-09
475 UCART3	478919.28	3733995.39 478919.28, 3	5.20E-04	4.15E-03	7.46E-05	7.88E-05	1.1E-07	9.2E-07	1.6E-08	1.7E-08	1.4E-09	3.6E-07	2.0E-10	6.8E-09	3.49E-07	3.50E-07	6.62E-09	6.82E-09
476 UCART3	478969.28	3733995.39 478969.28, 3	5.55E-04	4.38E-03	7.96E-05	8.48E-05	1.2E-07	9.7E-07	1.8E-08	1.9E-08	1.5E-09	3.8E-07	2.1E-10	7.3E-09	3.68E-07	3.70E-07	7.13E-09	7.34E-09
477 UCART3	479019.28	3733995.39 479019.28, 3	5.93E-04	4.62E-03	8.50E-05	9.13E-05	1.3E-07	1.0E-06	1.9E-08	2.0E-08	1.6E-09	4.0E-07	2.2E-10	7.9E-09	3.88E-07	3.90E-07	7.67E-09	7.90E-09
478 UCART3	479069.28	3733995.39 479069.28, 3	6.34E-04	4.88E-03	9.10E-05	9.88E-05	1.4E-07	1.1E-06	2.0E-08	2.2E-08	1.7E-09	4.2E-07	2.4E-10	8.6E-09	4.10E-07	4.11E-07	8.30E-09	8.54E-09
479 UCART3	479119.28	3733995.39 479119.28, 3	6.80E-04	5.14E-03	9.75E-05	1.07E-04	1.5E-07	1.1E-06	2.2E-08	2.4E-08	1.8E-09	4.5E-07	2.6E-10	9.3E-09	4.32E-07	4.34E-07	9.03E-09	9.28E-09
480 UCART3	479169.28	3733995.39 479169.28, 3	7.30E-04	5.41E-03	1.05E-04	1.17E-04	1.6E-07	1.2E-06	2.3E-08	2.6E-08	1.9E-09	4.7E-07	2.8E-10	1.0E-08	4.54E-07	4.56E-07	9.85E-09	1.01E-08
481 UCART3	479219.28	3733995.39 479219.28, 3	7.82E-04	5.68E-03	1.12E-04	1.28E-04	1.7E-07	1.3E-06	2.5E-08	2.8E-08	2.1E-09	4.9E-07	3.0E-10	1.1E-08	4.77E-07	4.79E-07	1.07E-08	1.10E-08
482 UCART3	479269.28	3733995.39 479269.28, 3	8.38E-04	5.94E-03	1.20E-04	1.40E-04	1.8E-07	1.3E-06	2.6E-08	3.1E-08	2.2E-09	5.1E-07	3.2E-10	1.2E-08	4.99E-07	5.01E-07	1.17E-08	1.21E-08
483 UCART3	478819.28	3734045.39 478819.28, 3	4.43E-04	3.54E-03	6.36E-05	6.68E-05	9.8E-08	7.8E-07	1.4E-08	1.5E-08	1.2E-09	3.1E-07	1.7E-10	5.8E-09	2.97E-07	2.98E-07	5.61E-09	5.78E-09
484 UCART3	478869.28	3734045.39 478869.28, 3	4.72E-04	3.77E-03	6.73E-05	7.10E-05	1.0E-07	8.2E-07	1.5E-08	1.6E-08	1.2E-09	3.2E-07	1.8E-10	6.2E-09	3.13E-07	3.14E-07	5.97E-09	6.14E-09
485 UCART3	478919.28	3734045.39 478919.28, 3	4.97E-04	3.92E-03	7.13E-05	7.60E-05	1.1E-07	8.6E-07	1.6E-08	1.7E-08	1.3E-09	3.4E-07	1.9E-10	6.6E-09	3.29E-07	3.30E-07	6.38E-09	6.57E-09
486 UCART3	478969.28	3734045.39 478969.28, 3	5.28E-04	4.12E-03	7.57E-05	8.12E-05	1.2E-07	9.1E-07	1.7E-08	1.8E-08	1.4E-09	3.6E-07	2.0E-10	7.0E-09	3.46E-07	3.47E-07	6.82E-09	7.02E-09
487 UCART3	479019.28	3734045.39 479019.28, 3	5.61E-04	4.33E-03	8.05E-05	8.73E-05	1.2E-07	9.5E-07	1.8E-08	1.9E-08	1.5E-09	3.8E-07	2.1E-10	7.6E-09	3.64E-07	3.65E-07	7.33E-09	7.54E-09
488 UCART3	479069.28	3734045.39 479069.28, 3	5.97E-04	4.55E-03	8.57E-05	9.38E-05	1.3E-07	1.0E-06	1.9E-08	2.1E-08	1.6E-09	3.9E-07	2.3E-10	8.1E-09	3.82E-07	3.84E-07	7.88E-09	8.11E-09
489 UCART3	479119.28	3734045.39 479119.28, 3	6.36E-04	4.77E-03	9.13E-05	1.01E-04	1.4E-07	1.1E-06	2.0E-08	2.2E-08	1.7E-09	4.1E-07	2.4E-10	8.8E-09	4.01E-07	4.02E-07	8.52E-09	8.76E-09
490 UCART3	479169.28	3734045.39 479169.28, 3	6.78E-04	5.00E-03	9.72E-05	1.10E-04	1.5E-07	1.1E-06	2.1E-08	2.4E-08	1.8E-09	4.3E-07	2.6E-10	9.6E-09	4.20E-07	4.22E-07	9.27E-09	9.52E-09
491 UCART3	479219.28	3734045.39 479219.28, 3	7.21E-04	5.22E-03	1.03E-04	1.20E-04	1.6E-07	1.2E-06	2.3E-08	2.6E-08	1.9E-09	4.5E-07	2.7E-10	1.0E-08	4.39E-07	4.40E-07	1.01E-08	1.03E-08
492 UCART3	479269.28	3734045.39 479269.28, 3	7.65E-04	5.43E-03	1.10E-04	1.30E-04	1.7E-07	1.2E-06	2.4E-08	2.9E-08	2.0E-09	4.7E-07	2.9E-10	1.1E-08	4.56E-07	4.58E-07	1.09E-08	1.12E-08
493 UCART3	478919.28	3734095.39 478919.28, 3	4.75E-04	3.69E-03	6.82E-05	7.29E-05	1.0E-07	8.1E-07	1.5E-08	1.6E-08	1.3E-09	3.2E-07	1.8E-10	6.3E-09	3.10E-07	3.12E-07	6.13E-09	6.31E-09
494 UCART3	478969.28	3734095.39 478969.28, 3	5.03E-04	3.88E-03	7.22E-05	7.80E-05	1.1E-07	8.5E-07	1.6E-08	1.7E-08	1.3E-09	3.4E-07	1.9E-10	6.8E-09	3.26E-07	3.27E-07	6.55E-09	6.74E-09
495 UCART3	479019.28	3734095.39 479019.28, 3	5.32E-04	4.06E-03	7.64E-05	8.32E-05	1.2E-07	9.0E-07	1.7E-08	1.8E-08	1.4E-09	3.5E-07	2.0E-10	7.2E-09	3.41E-07	3.43E-07	6.99E-09	7.19E-09
496 UCART3	479069.28	3734095.39 479069.28, 3	5.68E-04	4.25E-03	8.09E-05	8.93E-05	1.2E-07	9.4E-07	1.8E-08	2.0E-08	1.5E-09	3.7E-07	2.1E-10	7.7E-09	3.57E-07	3.58E-07	7.50E-09	7.71E-09
497 UCART3	479119.28	3734095.39 479119.28, 3	5.97E-04	4.44E-03	8.56E-05	9.62E-05	1.3E-07	9.8E-07	1.9E-08	2.1E-08	1.6E-09	3.8E-07	2.3E-10	8.3E-09	3.73E-07	3.75E-07	8.08E-09	8.31E-09
498 UCART3	479169.28	3734095.39 479169.28, 3	6.32E-04	4.63E-03	9.06E-05	1.04E-04	1.4E-07	1.0E-06	2.0E-08	2.3E-08	1.7E-09	4.0E-07	2.4E-10	9.0E-09	3.89E-07	3.91E-07	8.70E-09	8.94E-09
499 UCART3	479219.28	3734095.39 479219.28, 3	6.68E-04	4.82E-03	9.58E-05	1.12E-04	1.5E-07	1.1E-06	2.1E-08	2.5E-08	1.8E-09	4.2E-07	2.5E-10	9.7E-09	4.05E-07	4.06E-07	9.42E-09	9.68E-09
500 UCART3	479269.28	3734095.39 479269.28, 3	7.03E-04	4.99E-03	1.01E-04	1.21E-04	1.6E-07	1.1E-06	2.2E-08	2.7E-08	1.9E-09	4.3E-07	2.7E-10	1.0E-08	4.19E-07	4.21E-07	1.02E-08	1.04E-08
501 UCART3	478969.28	3734145.39 478969.28, 3	4.79E-04	3.65E-03	6.88E-05	7.47E-05	1.1E-07	8.0E-07	1.5E-08	1.6E-08	1.3E-09	3.2E-07	1.8E-10	6.5E-09	3.06E-07	3.08E-07	6.28E-09	6.46E-09
502 UCART3	479019.28	3734145.39 479019.28, 3	5.06E-04	3.82E-03	7.26E-05	7.96E-05	1.1E-07	8.4E-07	1.6E-08	1.8E-08	1.3E-09	3.3E-07	1.9E-10	6.9E-09	3.21E-07	3.22E-07	6.69E-09	6.88E-09
503 UCART3	479069.28	3734145.39 479069.28, 3	5.33E-04	3.98E-03	7.65E-05	8.50E-05	1.2E-07	8.8E-07	1.7E-08	1.9E-08	1.4E-09	3.4E-07	2.0E-10	7.4E-09	3.34E-07	3.36E-07	7.14E-09	7.35E-09
504 UCART3	479119.28	3734145.39 479119.28, 3	5.62E-04	4.14E-03	8.06E-05	9.11E-05	1.2E-07	9.1E-07	1.8E-08	2.0E-08	1.5E-09	3.6E-07	2.1E-10	7.9E-09	3.48E-07	3.50E-07	7.65E-09	7.86E-09
505 UCART3	479169.28	3734145.39 479169.28, 3	5.91E-04	4.30E-03	8.48E-05	9.77E-05	1.3E-07	9.5E-07

558	UCART4	482161.01	3732099.83	482161.01, 3	2.44E-04	1.54E-03	3.48E-05	7.36E-05	5.4E-08	3.4E-07	7.7E-09	1.6E-08	6.4E-10	1.3E-07	9.2E-11	6.4E-09	1.30E-07	1.30E-07	6.18E-09	6.27E-09
559	UCART4	482211.01	3732099.83	482211.01, 3	2.43E-04	1.52E-03	3.46E-05	7.24E-05	5.3E-08	3.4E-07	7.6E-09	1.6E-08	6.4E-10	1.3E-07	9.1E-11	6.3E-09	1.28E-07	1.28E-07	6.09E-09	6.18E-09
560	UCART4	482261.01	3732099.83	482261.01, 3	2.41E-04	1.50E-03	3.44E-05	7.13E-05	5.3E-08	3.3E-07	7.6E-09	1.6E-08	6.3E-10	1.3E-07	9.1E-11	6.2E-09	1.26E-07	1.26E-07	5.99E-09	6.08E-09
561	UCART4	482311.01	3732099.83	482311.01, 3	2.39E-04	1.47E-03	3.41E-05	6.97E-05	5.3E-08	3.2E-07	7.5E-09	1.5E-08	6.3E-10	1.3E-07	9.0E-11	6.0E-09	1.24E-07	1.24E-07	5.86E-09	5.94E-09
562	UCART4	482361.01	3732099.83	482361.01, 3	2.37E-04	1.44E-03	3.38E-05	6.81E-05	5.2E-08	3.2E-07	7.5E-09	1.5E-08	6.2E-10	1.3E-07	8.9E-11	5.9E-09	1.21E-07	1.22E-07	5.72E-09	5.81E-09
563	UCART4	482411.01	3732099.83	482411.01, 3	2.35E-04	1.41E-03	3.35E-05	6.58E-05	5.2E-08	3.1E-07	7.4E-09	1.5E-08	6.2E-10	1.2E-07	8.8E-11	5.7E-09	1.19E-07	1.19E-07	5.53E-09	5.61E-09
564	UCART4	481711.01	3732149.83	481711.01, 3	2.59E-04	1.78E-03	3.71E-05	7.39E-05	5.7E-08	3.9E-07	8.2E-09	1.6E-08	6.8E-10	1.5E-07	9.8E-11	6.4E-09	1.49E-07	1.50E-07	6.20E-09	6.30E-09
565	UCART4	481761.01	3732149.83	481761.01, 3	2.58E-04	1.76E-03	3.69E-05	7.49E-05	5.7E-08	3.9E-07	8.1E-09	1.7E-08	6.8E-10	1.5E-07	9.7E-11	6.5E-09	1.48E-07	1.48E-07	6.29E-09	6.39E-09
566	UCART4	481811.01	3732149.83	481811.01, 3	2.57E-04	1.74E-03	3.68E-05	7.61E-05	5.7E-08	3.8E-07	8.1E-09	1.7E-08	6.8E-10	1.5E-07	9.7E-11	6.6E-09	1.46E-07	1.47E-07	6.39E-09	6.49E-09
567	UCART4	481861.01	3732149.83	481861.01, 3	2.57E-04	1.72E-03	3.67E-05	7.68E-05	5.7E-08	3.8E-07	8.1E-09	1.7E-08	6.8E-10	1.5E-07	9.7E-11	6.7E-09	1.45E-07	1.45E-07	6.45E-09	6.55E-09
568	UCART4	481911.01	3732149.83	481911.01, 3	2.56E-04	1.70E-03	3.66E-05	7.75E-05	5.6E-08	3.8E-07	8.1E-09	1.7E-08	6.7E-10	1.5E-07	9.6E-11	6.7E-09	1.43E-07	1.44E-07	6.51E-09	6.60E-09
569	UCART4	481961.01	3732149.83	481961.01, 3	2.55E-04	1.68E-03	3.64E-05	7.81E-05	5.6E-08	3.7E-07	8.0E-09	1.7E-08	6.7E-10	1.5E-07	9.6E-11	6.8E-09	1.42E-07	1.42E-07	6.56E-09	6.66E-09
570	UCART4	482011.01	3732149.83	482011.01, 3	2.54E-04	1.67E-03	3.63E-05	7.86E-05	5.6E-08	3.7E-07	8.0E-09	1.7E-08	6.7E-10	1.4E-07	9.6E-11	6.8E-09	1.40E-07	1.41E-07	6.61E-09	6.70E-09
571	UCART4	482061.01	3732149.83	482061.01, 3	2.53E-04	1.64E-03	3.62E-05	7.83E-05	5.6E-08	3.6E-07	8.0E-09	1.7E-08	6.7E-10	1.4E-07	9.5E-11	6.8E-09	1.38E-07	1.39E-07	6.58E-09	6.67E-09
572	UCART4	482111.01	3732149.83	482111.01, 3	2.52E-04	1.62E-03	3.60E-05	7.83E-05	5.6E-08	3.6E-07	7.9E-09	1.7E-08	6.6E-10	1.4E-07	9.5E-11	6.8E-09	1.36E-07	1.37E-07	6.58E-09	6.67E-09
573	UCART4	482161.01	3732149.83	482161.01, 3	2.51E-04	1.60E-03	3.58E-05	7.71E-05	5.5E-08	3.5E-07	7.9E-09	1.7E-08	6.6E-10	1.4E-07	9.4E-11	6.7E-09	1.34E-07	1.35E-07	6.48E-09	6.57E-09
574	UCART4	482211.01	3732149.83	482211.01, 3	2.50E-04	1.58E-03	3.56E-05	7.60E-05	5.5E-08	3.5E-07	7.9E-09	1.7E-08	6.6E-10	1.4E-07	9.4E-11	6.6E-09	1.32E-07	1.33E-07	6.38E-09	6.48E-09
575	UCART4	482261.01	3732149.83	482261.01, 3	2.49E-04	1.55E-03	3.54E-05	7.45E-05	5.5E-08	3.4E-07	7.8E-09	1.6E-08	6.5E-10	1.3E-07	9.3E-11	6.5E-09	1.30E-07	1.31E-07	6.26E-09	6.35E-09
576	UCART4	482311.01	3732149.83	482311.01, 3	2.47E-04	1.52E-03	3.52E-05	7.28E-05	5.4E-08	3.4E-07	7.8E-09	1.6E-08	6.5E-10	1.3E-07	9.3E-11	6.3E-09	1.28E-07	1.28E-07	6.12E-09	6.21E-09
577	UCART4	482361.01	3732149.83	482361.01, 3	2.45E-04	1.49E-03	3.48E-05	7.05E-05	5.4E-08	3.3E-07	7.7E-09	1.6E-08	6.4E-10	1.3E-07	9.2E-11	6.1E-09	1.25E-07	1.26E-07	5.92E-09	6.01E-09
578	UCART4	482411.01	3732149.83	482411.01, 3	2.42E-04	1.46E-03	3.45E-05	6.85E-05	5.3E-08	3.2E-07	7.6E-09	1.5E-08	6.4E-10	1.3E-07	9.1E-11	5.9E-09	1.23E-07	1.23E-07	5.75E-09	5.84E-09
579	UCART4	481711.01	3732199.83	481711.01, 3	2.66E-04	1.84E-03	3.81E-05	7.77E-05	5.9E-08	4.1E-07	8.4E-09	1.7E-08	7.0E-10	1.6E-07	1.0E-10	6.7E-09	1.54E-07	1.55E-07	6.49E-09	6.59E-09
580	UCART4	481761.01	3732199.83	481761.01, 3	2.65E-04	1.82E-03	3.80E-05	7.84E-05	5.9E-08	4.0E-07	8.4E-09	1.7E-08	7.0E-10	1.6E-07	1.0E-10	6.8E-09	1.53E-07	1.54E-07	6.59E-09	6.69E-09
581	UCART4	481811.01	3732199.83	481811.01, 3	2.65E-04	1.80E-03	3.78E-05	7.97E-05	5.8E-08	4.0E-07	8.3E-09	1.8E-08	7.0E-10	1.6E-07	1.0E-10	6.9E-09	1.51E-07	1.52E-07	6.70E-09	6.80E-09
582	UCART4	481861.01	3732199.83	481861.01, 3	2.64E-04	1.79E-03	3.78E-05	8.10E-05	5.8E-08	3.9E-07	8.3E-09	1.8E-08	7.0E-10	1.5E-07	9.9E-11	7.0E-09	1.50E-07	1.51E-07	6.81E-09	6.91E-09
583	UCART4	481911.01	3732199.83	481911.01, 3	2.64E-04	1.77E-03	3.76E-05	8.17E-05	5.8E-08	3.9E-07	8.3E-09	1.8E-08	6.9E-10	1.5E-07	9.9E-11	7.1E-09	1.48E-07	1.49E-07	6.86E-09	6.96E-09
584	UCART4	481961.01	3732199.83	481961.01, 3	2.63E-04	1.75E-03	3.75E-05	8.24E-05	5.8E-08	3.9E-07	8.3E-09	1.8E-08	6.9E-10	1.5E-07	9.9E-11	7.1E-09	1.47E-07	1.48E-07	6.93E-09	7.02E-09
585	UCART4	482011.01	3732199.83	482011.01, 3	2.62E-04	1.73E-03	3.74E-05	8.24E-05	5.8E-08	3.8E-07	8.3E-09	1.8E-08	6.9E-10	1.5E-07	9.9E-11	7.1E-09	1.45E-07	1.46E-07	6.92E-09	7.02E-09
586	UCART4	482061.01	3732199.83	482061.01, 3	2.62E-04	1.71E-03	3.73E-05	8.27E-05	5.8E-08	3.8E-07	8.2E-09	1.8E-08	6.9E-10	1.5E-07	9.8E-11	7.2E-09	1.43E-07	1.44E-07	6.94E-09	7.04E-09
587	UCART4	482111.01	3732199.83	482111.01, 3	2.61E-04	1.69E-03	3.72E-05	8.26E-05	5.7E-08	3.7E-07	8.2E-09	1.8E-08	6.9E-10	1.5E-07	9.8E-11	7.2E-09	1.42E-07	1.42E-07	6.94E-09	7.03E-09
588	UCART4	482161.01	3732199.83	482161.01, 3	2.60E-04	1.66E-03	3.70E-05	8.20E-05	5.7E-08	3.7E-07	8.2E-09	1.8E-08	6.8E-10	1.4E-07	9.7E-11	7.1E-09	1.40E-07	1.40E-07	6.89E-09	6.99E-09
589	UCART4	482211.01	3732199.83	482211.01, 3	2.58E-04	1.64E-03	3.68E-05	8.10E-05	5.7E-08	3.6E-07	8.1E-09	1.8E-08	6.8E-10	1.4E-07	9.7E-11	7.0E-09	1.37E-07	1.38E-07	6.81E-09	6.90E-09
590	UCART4	482261.01	3732199.83	482261.01, 3	2.57E-04	1.61E-03	3.65E-05	7.89E-05	5.7E-08	3.5E-07	8.1E-09	1.7E-08	6.8E-10	1.4E-07	9.6E-11	6.8E-09	1.35E-07	1.36E-07	6.63E-09	6.72E-09
591	UCART4	482311.01	3732199.83	482311.01, 3	2.55E-04	1.58E-03	3.63E-05	7.62E-05	5.6E-08	3.5E-07	8.0E-09	1.7E-08	6.7E-10	1.4E-07	9.5E-11	6.6E-09	1.32E-07	1.33E-07	6.40E-09	6.49E-09
592	UCART4	482361.01	3732199.83	482361.01, 3	2.52E-04	1.54E-03	3.59E-05	7.42E-05	5.6E-08	3.4E-07	7.9E-09	1.6E-08	6.6E-10	1.3E-07	9.5E-11	6.4E-09	1.30E-07	1.30E-07	6.23E-09	6.32E-09
593	UCART4	482411.01	3732199.83	482411.01, 3	2.50E-04	1.51E-03	3.55E-05	7.15E-05	5.5E-08	3.3E-07	7.8E-09	1.6E-08	6.6E-10	1.3E-07	9.4E-11	6.2E-09	1.27E-07	1.27E-07	6.01E-09	6.10E-09
594	UCART4	481711.01	3732249.83	481711.01, 3	2.74E-04	1.91E-03	3.92E-05	8.14E-05	6.0E-08	4.2E-07	8.6E-09	1.8E-08	7.2E-10	1.7E-07	1.0E-10	7.1E-09	1.60E-07	1.61E-07	6.84E-09	6.94E-09
595	UCART4	481761.01	3732249.83	481761.01, 3	2.73E-04	1.89E-03	3.91E-05	8.27E-05	6.0E-08	4.2E-07	8.6E-09	1.8E-08	7.2E-10	1.6E-07	1.0E-10	7.2E-09	1.59E-07	1.59E-07	6.94E-09	7.05E-09
596	UCART4	481811.01	3732249.83	481811.01, 3	2.73E-04	1.87E-03	3.90E-05	8.42E-05	6.0E-08	4.1E-07	8.6E-09	1.9E-08	7.2E-10	1.6E-07	1.0E-10	7.3E-09	1.57E-07	1.58E-07	7.07E-09	7.18E-09
597	UCART4	481861.01	3732249.83	481861.01, 3	2.72E-04	1.86E-03	3.89E-05	8.50E-05	6.0E-08	4.1E-07	8.6E-09	1.9E-08	7.2E-10	1.6E-07	1.0E-10	7.4E-09	1.56E-07	1.57E-07	7.14E-09	7.25E-09
598	UCART4	481911.01	3732249.83	481911.01, 3	2.72E-04	1.84E-03	3.88E-05	8.74E-05	6.0E-08	4.1E-07	8.6E-09	1.9E-08	7.2E-10	1.6E-07	1.0E-10	7.6E-09	1.54E-07	1.55E-07	7.34E-09	7.45E-09
599	UCART4	481961.01	3732249.83	481961.01, 3	2.72E-04	1.82E-03	3.88E-05	8.85E-05	6.0E-08	4.0E-07	8.5E-09	2.0E-08	7.2E-10	1.6E-07	1.0E-10	7.7E-09	1.53E-07	1.54E-07	7.43E-09	7.53E-09
600	UCART4	482011.01	3732249.83	482011.01, 3	2.71E-04	1.80E-03	3.87E-05	8.86E-05	6.0E-08	4.0E-07	8.5E-09	2.0E-08	7.1E-10	1.6E-07	1.0E-10	7.7E-09	1.51E-07	1.52E-07	7.45E-09	7.55E-09
601	UCART4	482061.01	3732249.83	482061.01, 3	2.70E-04	1.78E-03	3.86E-05	8.76E-05	6.0E-08	3.9E-07	8.5E-09	1.9E-08	7.1E-10	1.5E-07	1.0E-10	7.6E-09	1.49E-07	1.50E-07	7.36E-09	7.46E-09
602	UCART4	482111.01	3732249.83	482111.01, 3	2.70E-04	1.75E-03	3.84E-05	8.68E-05	5.9E-08	3.9E-07	8.5E-09	1.9E-08	7.1E-10	1.5E-07	1.0E-10	7.5E-09	1.47E-07	1.48E-07	7.29E-09	7.39E-09
603	UCART4	482161.01	3732249.83	482161.01, 3	2.69E-04	1.73E-03	3.83E-05	8.58E-05	5.9E-08	3.8E-07	8.4E-09	1.9E-08	7.1E-10	1.5E-07	1.0E-10	7.5E-09	1.45E-07	1.46E-07	7.29E-09	7.39E-09
604	UCART4	482211.01	3732249.83	482211.01, 3	2.67E-04	1.70E-03	3.80E-05	8.54E-05	5.9E-08	3.7E-07	8.4E-09	1.9E-08	7.0E-10	1.5E-07	1.0E-10	7.4E-09	1.43E-07	1.43E-07	7.17E-09	7.27E-09
605	UCART4	482261.01	3732249.83	482261.01, 3	2.65E-04	1.67E-03	3.78E-05	8.30E-05	5.9E-08	3.7E-07	8.3E-09	1.8E-08	7.0E-10	1.4E-07	1.0E-10	7.2E-09	1.40E-07	1.41E-07	6.97E-09	7.07E-09
606	UCART4	482311.01	3732249.83	482311.01, 3	2.63E-04	1.64E-03	3.75E-05	8.03E-05	5.8E-08	3.6E-07	8.3E-09	1.8E-08	6.9E-10	1.4E-07	9.9E-11	7.0E-09	1.37E-07	1.38E-07	6.75E-09	6.85E-09
607	UCART4	482361.01	3732249.83	482361.01, 3	2.61E-04	1.60E-03	3.71E-05	7.78E-05	5.7E-08	3.5E-07	8.2E-09	1.7E-08	6.9E-10	1.4E-07	9.8E-11	6.7E-09	1.34E-07	1.35E-07	6.54E-09	6.63E-09
608	UCART4	482411.01	3732249.83	482411.01, 3	2.58E-04	1.56E-03	3.67E-05	7.45E-05	5.7E-08	3.4E-07	8.1E-09	1.6E-08	6.8E-10	1.4E-07	9.7E-11	6.5E-09	1.31E-07	1.32E-07	6.26E-09	6.35E-09
609	UCART4	481711.01	3732299.83	481711.01, 3	2.82E-04	1.98E-03	4.04E-05	8.53E-05	6.2E-08	4.4E-07	8.9E-09	1.9E-08	7.4E-10	1.7E-07	1.1E-10	7.4E-09	1.66E-07	1.67E-07	7.17E-09	7.28E-09
610	UCART4	481761.01	3732299.83	481761.01, 3	2.82E-04	1.96E-03	4.03E-05	8.71E-05	6.2E-08	4.3E-07	8.9E-09	1.9E-08	7.4E-10	1.7E-07	1.1E-10	7.5E-09	1.65E-07	1.66E-07	7.32E-09	7.42E-09
611	UCART4	481811.01	3732299.83	481811.01, 3	2.82E-04	1.95E-03	4.03E-05	8.86E-05	6.2E-08	4.3E-07	8.9E-09	2.0E-08	7.4E-10	1.7E-07	1.1E-10	7.7E-09	1.64E-07	1.64E-07	7.45E-09	7.55E-09
612	UCART4	481861.01	3732299.83	481861.01, 3	2.82E-04	1.93E-03	4.02E-05	9.03E-05	6.2E-08	4.3E-07	8.9E-09	2.0E-08	7.4E-10	1.7E-07	1.1E-10	7.8E-09	1.62E-07	1.63E-07	7.59E-09	7.69E-09
613	UCART4	481911.01	3732299.83	481911.01, 3	2.81E-04	1.91E-03	4.02E-05	9.15E-05	6.2E-08	4.2E-07	8.9E-09	2.0E-08	7.4E-10	1.7E-07	1.1E-10	7.9E-09	1.61E-07	1.62E-07	7.69E-09	7.79E-09
614	UCART4	481961.01	3732299.83	481961.01, 3	2.81E-04	1.90E-03	4.01E-05	9.24E-05	6.2E-08	4.2E-07	8.9E-09	2.0E-08	7.4E-10	1.6E-07	1.1E-10	8.0E-09	1.59E-07	1.60E-07	7.76E-09	7.86E-09
615	UCART4	482011.01	3732299.83	482011.01, 3	2.81E-04	1.87E-03	4.01E-05	9.27E-05	6.2E-08	4.1E-07	8.8E-09	2.0E-08	7.4E-10	1.6E-07	1.1E-10	8.0E-09	1.57E-07	1.58E-07	7.79E-09	7.89E-09
616	UCART4	482061.01	3732299.83	482061.01, 3	2.80E-04	1.85E-03	4.00E-05	9.26E-05	6.2E-08	4.1E-07	8.8E-09	2.0E-08	7.4E-10	1.6E-07	1.1E-10	8.0E-09	1.56E-07	1.56E-07	7.78E-09	7.88E-09
617	UCART4	482111.01	3732299.83	482111.01, 3	2.80E-04	1.83E-03	3.98E-05	9.15E-05	6.2E-08	4.0E-07	8.8E-09	2.0E-08	7.4E-10	1.6E-07	1.0E-10	7.9E-09	1.53E-07	1.54E-07	7.69E-09	7.80E-09
618	UCART4	482161.01	3732299.83	482161.01, 3	2.78E-04	1.80E-03	3.97E-05	9.18E-05	6.1E-08	4.0E-07	8.7E-09	2.0E-08	7.3E-10	1.6E-07	1.0E-10	8.0E-09	1.51E-07	1.52E-07	7.71E-09	7.82E-09
619	UCART4	482211.01	3732299.83	482211.01, 3	2.77E-04	1.77E-03	3.94E-05	8.98E-05	6.1E-08	3.9E-07	8.7E-09	2.0E-08	7.3E-10	1.5E-07	1.0E-10	7.8E-09	1.49E-07	1.49E-07	7.54E-09	7.64E-09
620	UCART4	482261.01	3732299.83	482261.01, 3	2.75E-04	1.74E-03	3.91E-05	8.73E-05	6.1E-08	3.8E-07	8.6E-09	1.9E-08	7.2E-10	1.5E-07	1.0E-10	7.6E-09	1.46E-07	1.46E-07	7.34E-09	7.44E-09
621	UCART4	482311.01	3732299.83	482311.01, 3	2.73E-04	1.70E-03	3.88E-05	8.41E-05	6.0E-08	3.7E-07	8.6E-09	1.9E-08	7.2E-10	1.5E-07	1.0E-10	7.3E-09	1.43E-07	1.43E-07	7.06E-09	7.16E-09
622	UCART4	482361.01	3732299.83	482361.01, 3	2.70E-04	1.66E-03	3.84E-05	8.11E-05	6.0E-08	3.7E-07	8.5E-09	1.8E-08	7.1E-10	1.4E-07	1.0E-10	7.0E-09	1.39E-07	1.40E-07	6.81E-09	6.91E-09
623	UCART4	482411.01	3732299.83	482411.01, 3	2.67E-04	1.62E-03	3.79E-05	7.77E-05	5.9E-08	3.6E-07	8.4E-09	1.7E-08	7.0E-10	1.4E-07	1.0E-10	6.7E-09	1.36E-07	1.37E-07	6.53E-09	6.63E-09
624	UCART4	481711.01	3732349.83	481711.01, 3	2.92E-04	2.06E-03	4.17E-05	9.03E-05	6.4E-08	4.5E-07	9.2E-09	2.0E-08	7.7E-10	1.8E-07	1.1E-10	7.8E-09	1.73E-07	1.74E-07	7.58E-09	7.69E-09
625	UCART4	481761.01	3732349.83	481761.01, 3	2.92E-04	2.05E-03	4.17E-05	9.23E-05	6.4E-08	4.5E-07	9.2E-09	2.0E-08	7.7E-10	1.8E-07	1.1E-10	8.0E-09	1.72E-07	1.73E-07	7.75E-09	7.86E-09
626	UCART4	481811.01	3732349.83	481811.01, 3	2.92E-04	2.03E-03	4.17E-05	9.43E-05	6.4E-08	4.5E-07	9.2E-09	2.1E-08	7.7E-10	1.8E-07	1.1E-10	8.2E-09	1.71E-07	1.71E-07	7.92E-09	8.03E-09
627	UCART4	481861.01	3732349.83	481861.01, 3	2.92E-04	2.02E-03	4.17E-05	9.59E-05	6.4E-08	4.4E-07	9.2E-09	2.1E-08	7.7E-10	1.7E-07	1.1E-10	8.3E-09	1.69E-07	1.70E-07	8.06E-09	8.17E-09
628	UCART4	481911.01	3732349.83	481911.01, 3	2.92E-04	2.00E-03	4.16E-05	9.74E-05	6.4E-08	4.4E-07	9.2E-09	2.1E-08	7.7E-10	1.7E-07	1.1E-10	8.4E-09	1.68E-07	1.69E-07	8.18E-09	8.29E-09
629	UCART4	481961.01	3732349.83	481961.01, 3	2.92E-04	1.98E-03	4.16E-05	9.85E-05	6.4E-08	4.4E-07	9.2E-09	2.2E-08	7.7E-10	1.7E-07	1.1E-10	8.5E-09	1.66E-07	1.67E-07	8.27E-09	8.38E-09
630	UCART4	482011.01	3732349.83	482011.01, 3	2.92E-04	1.96E-03	4.16E-05	9.88E-05	6.4E-08	4.3E-07	9.2E-09	2.2E-08	7.7E-10	1.7E-07	1.1E-10	8.6E-09	1.65E-07	1.65E-07	8.30E-09	8.41E-09
631	UCART4	482061.01	3732349.83	482061.01, 3	2.91E-04	1.93E-03	4.15E-05	9.82E-05	6.4E-08	4.3E-07	9.2E-09	2.2E-08	7.7E-10	1.7E-07	1.1E-10	8.5E-09	1.63E-07	1.63E-07	8.25E-09	8.36E-09
632	UCART4	482111.01	3732349.83	482111.01, 3	2.90E-04	1.91E-03	4.14E-05	9.74E-05	6.4E-08	4.2E-07	9.1E-09	2.1E-08	7.7E-10	1.7E-07	1.1E-10	8.4E-09	1.60E-07	1.61E-07	8.18E-09	8.29E-09
633	UCART4	482161.01	3732349.83	482161.01, 3	2.89E-04	1.88E-03	4.12E-05	9.58E-05	6.4E-08	4.1E-07	9.1E-09	2.1E-08	7.6E-10	1.6E-07	1.1E-10	8.3E-09	1.58E-07	1.58E-07	8.05E-09	8.16E-09
634	UCART4	482211.01	3732349.83	482211.01, 3	2.88E-04	1.84E-03	4.09E-05	9.40E-05	6.3E-08	4.1E-07	9.0E-09	2.1E-08	7.6E-10	1.6E-07	1.1E-10	8.1E-09	1.55E-07	1.56E-07	7.89E-09	8.00E-09
635	UCART4	482261.01	3732349.83	482261.01, 3	2.86E-04	1.81E-03	4.06E-05	9.09E-05	6.3E-08	4.0E-07	9.0E-09	2.0E-08	7.5E-10	1.6E-07	1.1E-10	7.9E-09	1.52E-07	1.53E-07	7.64E-09	7.75E-09
636	UCART4	482311.01	3732349.83	482311.01, 3	2.83E-04	1.77E-03	4.03E-05	8.81E-05	6.2E-08	3.9E-07	8.9E-09	1.9E-08	7.5E-10	1.5E-07	1.1E-10	7.6E-09	1.48E-07	1.49E-07	7.40E-09	7.51E-09
637	UCART4	482361.01	3732349.83	482361.01, 3	2.80E-04	1.72E-03	3.98E-05	8.47E-05	6.2E-08	3.8E-07	8.8E-09	1.9E-08	7.4E-10	1.5E-07	1.0E-10	7.3E-09	1.45E-07	1.46E-07	7.12E-09	7.22E-09
638	UCART4	482411.01	3732349.83	482411.01, 3	2.76E-04	1.68E-03	3.93E-05	8.13E-05	6.1E-08	3.7E-07	8.7E-09	1.8E-08	7.3E-10	1.5E-07	1.0E-10	7.0E-09	1.41E-07	1.42E-07	6.83E-09	6.93E-09
639	UCART4	481711.01	3732399.83	481711.01, 3	3.02E-04	2.15E-03	4.31E-05	9.59E-05	6.7E-08	4.7E-07	9.5E-09	2.1E-08	7.9E-10	1.9E-07	1.1E-10	8.3E-09	1.81E-07	1.81E-07	8.05E-09	8.17E-09
640	UCART4	481761.01	3732399.83	481761.01, 3	3.02E-04	2.14E-03	4.32E-05	9.80E-05	6.7E-08	4.7E-07	9.5E-09	2.2E-08	8.0E-10	1.9E-07	1.1E-10	8.5E-09	1.80E-07	1.80E-07	8.23E-09	8.35E-09
641	UCART4	481811.01	3732399.83	481811.01, 3	3.03E-04	2.12E-03	4.32E-05	1.01E-04	6.7E-08	4.7E-07	9.5E-09	2.2E-08	8.0E-10	1.8E-07	1.1E-10	8.7E-09	1.78E-07	1.79E-07	8.45E-09	8.56E-09
642	UCART4	481861.01	3732399.83	481861.01, 3	3.03E-04	2.11E-03	4.32E-05	1.02E-04	6.7E-08	4.7E-07	9.5E-09	2.3E-08	8.0E-10	1.8E-07	1.1E-10	8.9E-09	1.77E-07	1.78E-07	8.60E-09	8.71E-09
643	UCART4	481911.01	3732399.83	481911.01, 3	3.03E-04	2.09E-03	4.33E-05	1.04E-04	6.7E-08	4.6E-07	9.5E-09	2.3E-08	8.0E-10	1.8E-07	1.1E-10	9.0E-09	1.76E-07	1.77E-07	8.74E-09	8.85E-09
644	UCART4	481961.01	3732399.83	481961.01, 3	3.03E-04	2.07E-03	4.33E-05	1.05E-04	6.7E-08	4.6E-07	9.5E-09	2.3E-08	8.0E-10	1.8E-07	1.1E-10	9.1E-09	1.74E-07	1.75E-07	8.84E-09	8.95E-09
645	UCART4	482011.01	3732399.83	482011.01, 3	3.03E-04	2.05E-03	4.33E-05	1.06E-04	6.7E-08	4.5E-07	9.5E-09	2.3E-08	8.0E-10	1.8E-07	1.1E-10	9.2E-09	1.72E-07	1.73E-07	8.87E-09	8.99E-09

700	UCART4	481761.01	3732599.83	481761.01, 3	3.57E-04	2.62E-03	5.10E-05	1.31E-04	7.9E-08	5.8E-07	1.1E-08	2.9E-08	9.4E-10	2.3E-07	1.3E-10	1.1E-08	2.20E-07	2.21E-07	1.10E-08	1.11E-08
701	UCART4	481811.01	3732599.83	481811.01, 3	3.60E-04	2.62E-03	5.13E-05	1.35E-04	7.9E-08	5.8E-07	1.1E-08	3.0E-08	9.5E-10	2.3E-07	1.4E-10	1.2E-08	2.20E-07	2.21E-07	1.14E-08	1.15E-08
702	UCART4	481861.01	3732599.83	481861.01, 3	3.63E-04	2.61E-03	5.17E-05	1.40E-04	8.0E-08	5.8E-07	1.1E-08	3.1E-08	9.6E-10	2.3E-07	1.4E-10	1.2E-08	2.19E-07	2.20E-07	1.17E-08	1.19E-08
703	UCART4	481911.01	3732599.83	481911.01, 3	3.65E-04	2.60E-03	5.20E-05	1.43E-04	8.0E-08	5.7E-07	1.1E-08	3.2E-08	9.6E-10	2.3E-07	1.4E-10	1.2E-08	2.18E-07	2.19E-07	1.20E-08	1.22E-08
704	UCART4	481961.01	3732599.83	481961.01, 3	3.67E-04	2.58E-03	5.22E-05	1.45E-04	8.1E-08	5.7E-07	1.2E-08	3.2E-08	9.7E-10	2.2E-07	1.4E-10	1.3E-08	2.17E-07	2.18E-07	1.22E-08	1.23E-08
705	UCART4	482011.01	3732599.83	482011.01, 3	3.68E-04	2.55E-03	5.23E-05	1.45E-04	8.1E-08	5.6E-07	1.2E-08	3.2E-08	9.7E-10	2.2E-07	1.4E-10	1.3E-08	2.14E-07	2.15E-07	1.22E-08	1.23E-08
706	UCART4	482061.01	3732599.83	482061.01, 3	3.68E-04	2.52E-03	5.23E-05	1.42E-04	8.1E-08	5.6E-07	1.2E-08	3.1E-08	9.7E-10	2.2E-07	1.4E-10	1.2E-08	2.11E-07	2.12E-07	1.20E-08	1.21E-08
707	UCART4	482111.01	3732599.83	482111.01, 3	3.67E-04	2.47E-03	5.21E-05	1.38E-04	8.1E-08	5.4E-07	1.1E-08	3.1E-08	9.7E-10	2.1E-07	1.4E-10	1.2E-08	2.08E-07	2.09E-07	1.16E-08	1.18E-08
708	UCART4	482161.01	3732599.83	482161.01, 3	3.65E-04	2.42E-03	5.18E-05	1.33E-04	8.0E-08	5.3E-07	1.1E-08	2.9E-08	9.6E-10	2.1E-07	1.4E-10	1.2E-08	2.03E-07	2.04E-07	1.12E-08	1.13E-08
709	UCART4	482211.01	3732599.83	482211.01, 3	3.62E-04	2.35E-03	5.14E-05	1.27E-04	8.0E-08	5.2E-07	1.1E-08	2.8E-08	9.5E-10	2.0E-07	1.4E-10	1.1E-08	1.98E-07	1.99E-07	1.07E-08	1.08E-08
710	UCART4	482261.01	3732599.83	482261.01, 3	3.58E-04	2.28E-03	5.08E-05	1.21E-04	7.9E-08	5.0E-07	1.1E-08	2.7E-08	9.4E-10	2.0E-07	1.3E-10	1.0E-08	1.92E-07	1.93E-07	1.01E-08	1.03E-08
711	UCART4	482311.01	3732599.83	482311.01, 3	3.53E-04	2.20E-03	5.01E-05	1.14E-04	7.8E-08	4.9E-07	1.1E-08	2.5E-08	9.3E-10	1.9E-07	1.3E-10	9.9E-09	1.85E-07	1.86E-07	9.59E-09	9.72E-09
712	UCART4	482361.01	3732599.83	482361.01, 3	3.47E-04	2.12E-03	4.92E-05	1.08E-04	7.7E-08	4.7E-07	1.1E-08	2.4E-08	9.1E-10	1.8E-07	1.3E-10	9.3E-09	1.78E-07	1.79E-07	9.05E-09	9.18E-09
713	UCART4	482411.01	3732599.83	482411.01, 3	3.40E-04	2.04E-03	4.82E-05	1.01E-04	7.5E-08	4.5E-07	1.1E-08	2.2E-08	9.0E-10	1.8E-07	1.3E-10	8.8E-09	1.71E-07	1.72E-07	8.49E-09	8.62E-09
714	UCART4	481711.01	3732649.83	481711.01, 3	3.72E-04	2.78E-03	5.31E-05	1.36E-04	8.2E-08	6.1E-07	1.2E-08	3.0E-08	9.8E-10	2.4E-07	1.4E-10	1.2E-08	2.34E-07	2.35E-07	1.14E-08	1.16E-08
715	UCART4	481761.01	3732649.83	481761.01, 3	3.76E-04	2.79E-03	5.36E-05	1.42E-04	8.3E-08	6.1E-07	1.2E-08	3.1E-08	9.9E-10	2.4E-07	1.4E-10	1.2E-08	2.34E-07	2.35E-07	1.19E-08	1.21E-08
716	UCART4	481811.01	3732649.83	481811.01, 3	3.79E-04	2.79E-03	5.41E-05	1.48E-04	8.4E-08	6.1E-07	1.2E-08	3.3E-08	1.0E-09	2.4E-07	1.4E-10	1.3E-08	2.34E-07	2.35E-07	1.24E-08	1.26E-08
717	UCART4	481861.01	3732649.83	481861.01, 3	3.83E-04	2.78E-03	5.45E-05	1.53E-04	8.4E-08	6.1E-07	1.2E-08	3.4E-08	1.0E-09	2.4E-07	1.4E-10	1.3E-08	2.34E-07	2.35E-07	1.29E-08	1.30E-08
718	UCART4	481911.01	3732649.83	481911.01, 3	3.86E-04	2.77E-03	5.49E-05	1.58E-04	8.5E-08	6.1E-07	1.2E-08	3.5E-08	1.0E-09	2.4E-07	1.4E-10	1.4E-08	2.33E-07	2.34E-07	1.32E-08	1.34E-08
719	UCART4	481961.01	3732649.83	481961.01, 3	3.88E-04	2.75E-03	5.52E-05	1.59E-04	8.6E-08	6.1E-07	1.2E-08	3.5E-08	1.0E-09	2.4E-07	1.5E-10	1.4E-08	2.31E-07	2.32E-07	1.34E-08	1.35E-08
720	UCART4	482011.01	3732649.83	482011.01, 3	3.89E-04	2.72E-03	5.53E-05	1.58E-04	8.6E-08	6.0E-07	1.2E-08	3.5E-08	1.0E-09	2.4E-07	1.5E-10	1.4E-08	2.29E-07	2.30E-07	1.33E-08	1.35E-08
721	UCART4	482061.01	3732649.83	482061.01, 3	3.89E-04	2.68E-03	5.53E-05	1.55E-04	8.6E-08	5.9E-07	1.2E-08	3.4E-08	1.0E-09	2.3E-07	1.5E-10	1.3E-08	2.25E-07	2.26E-07	1.30E-08	1.32E-08
722	UCART4	482111.01	3732649.83	482111.01, 3	3.88E-04	2.63E-03	5.51E-05	1.50E-04	8.6E-08	5.8E-07	1.2E-08	3.3E-08	1.0E-09	2.3E-07	1.5E-10	1.3E-08	2.21E-07	2.22E-07	1.26E-08	1.28E-08
723	UCART4	482161.01	3732649.83	482161.01, 3	3.86E-04	2.56E-03	5.48E-05	1.44E-04	8.5E-08	5.7E-07	1.2E-08	3.2E-08	1.0E-09	2.2E-07	1.4E-10	1.2E-08	2.15E-07	2.16E-07	1.21E-08	1.22E-08
724	UCART4	482211.01	3732649.83	482211.01, 3	3.82E-04	2.49E-03	5.42E-05	1.37E-04	8.4E-08	5.5E-07	1.2E-08	3.0E-08	1.0E-09	2.2E-07	1.4E-10	1.2E-08	2.09E-07	2.10E-07	1.15E-08	1.16E-08
725	UCART4	482261.01	3732649.83	482261.01, 3	3.78E-04	2.41E-03	5.36E-05	1.29E-04	8.3E-08	5.3E-07	1.2E-08	2.8E-08	9.9E-10	2.1E-07	1.4E-10	1.1E-08	2.02E-07	2.03E-07	1.08E-08	1.10E-08
726	UCART4	482311.01	3732649.83	482311.01, 3	3.72E-04	2.32E-03	5.27E-05	1.22E-04	8.2E-08	5.1E-07	1.2E-08	2.7E-08	9.8E-10	2.0E-07	1.4E-10	1.1E-08	1.95E-07	1.95E-07	1.02E-08	1.04E-08
727	UCART4	482361.01	3732649.83	482361.01, 3	3.65E-04	2.22E-03	5.17E-05	1.14E-04	8.0E-08	4.9E-07	1.1E-08	2.5E-08	9.6E-10	1.9E-07	1.4E-10	9.9E-09	1.86E-07	1.87E-07	9.56E-09	9.69E-09
728	UCART4	482411.01	3732649.83	482411.01, 3	3.57E-04	2.12E-03	5.06E-05	1.07E-04	7.9E-08	4.7E-07	1.1E-08	2.4E-08	9.4E-10	1.8E-07	1.3E-10	9.2E-09	1.78E-07	1.79E-07	8.96E-09	9.09E-09
729	UCART4	481711.01	3732699.83	481711.01, 3	3.92E-04	2.96E-03	5.60E-05	1.48E-04	8.6E-08	6.5E-07	1.2E-08	3.3E-08	1.0E-09	2.6E-07	1.5E-10	1.3E-08	2.49E-07	2.50E-07	1.24E-08	1.26E-08
730	UCART4	481761.01	3732699.83	481761.01, 3	3.97E-04	2.98E-03	5.66E-05	1.55E-04	8.8E-08	6.6E-07	1.2E-08	3.4E-08	1.0E-09	2.6E-07	1.5E-10	1.3E-08	2.50E-07	2.51E-07	1.31E-08	1.32E-08
731	UCART4	481811.01	3732699.83	481811.01, 3	4.02E-04	2.98E-03	5.72E-05	1.63E-04	8.9E-08	6.6E-07	1.3E-08	3.6E-08	1.1E-09	2.6E-07	1.5E-10	1.4E-08	2.51E-07	2.52E-07	1.37E-08	1.38E-08
732	UCART4	481861.01	3732699.83	481861.01, 3	4.06E-04	2.98E-03	5.78E-05	1.70E-04	9.0E-08	6.6E-07	1.3E-08	3.7E-08	1.1E-09	2.6E-07	1.5E-10	1.5E-08	2.51E-07	2.52E-07	1.43E-08	1.44E-08
733	UCART4	481911.01	3732699.83	481911.01, 3	4.10E-04	2.98E-03	5.83E-05	1.74E-04	9.0E-08	6.6E-07	1.3E-08	3.8E-08	1.1E-09	2.6E-07	1.5E-10	1.5E-08	2.50E-07	2.51E-07	1.46E-08	1.48E-08
734	UCART4	481961.01	3732699.83	481961.01, 3	4.12E-04	2.95E-03	5.86E-05	1.75E-04	9.1E-08	6.5E-07	1.3E-08	3.9E-08	1.1E-09	2.6E-07	1.5E-10	1.5E-08	2.48E-07	2.49E-07	1.47E-08	1.49E-08
735	UCART4	482011.01	3732699.83	482011.01, 3	4.13E-04	2.92E-03	5.87E-05	1.74E-04	9.1E-08	6.4E-07	1.3E-08	3.8E-08	1.1E-09	2.5E-07	1.5E-10	1.5E-08	2.45E-07	2.46E-07	1.46E-08	1.48E-08
736	UCART4	482061.01	3732699.83	482061.01, 3	4.14E-04	2.87E-03	5.87E-05	1.70E-04	9.1E-08	6.3E-07	1.3E-08	3.7E-08	1.1E-09	2.5E-07	1.5E-10	1.5E-08	2.41E-07	2.42E-07	1.43E-08	1.44E-08
737	UCART4	482111.01	3732699.83	482111.01, 3	4.12E-04	2.81E-03	5.85E-05	1.63E-04	9.1E-08	6.2E-07	1.3E-08	3.6E-08	1.1E-09	2.4E-07	1.5E-10	1.4E-08	2.36E-07	2.37E-07	1.37E-08	1.39E-08
738	UCART4	482161.01	3732699.83	482161.01, 3	4.09E-04	2.73E-03	5.81E-05	1.55E-04	9.0E-08	6.0E-07	1.3E-08	3.4E-08	1.1E-09	2.4E-07	1.5E-10	1.3E-08	2.29E-07	2.30E-07	1.30E-08	1.32E-08
739	UCART4	482211.01	3732699.83	482211.01, 3	4.05E-04	2.64E-03	5.74E-05	1.47E-04	8.9E-08	5.8E-07	1.3E-08	3.2E-08	1.1E-09	2.3E-07	1.5E-10	1.3E-08	2.22E-07	2.23E-07	1.23E-08	1.25E-08
740	UCART4	482261.01	3732699.83	482261.01, 3	4.00E-04	2.54E-03	5.67E-05	1.38E-04	8.8E-08	5.6E-07	1.2E-08	3.0E-08	1.1E-09	2.2E-07	1.5E-10	1.2E-08	2.14E-07	2.15E-07	1.16E-08	1.18E-08
741	UCART4	482311.01	3732699.83	482311.01, 3	3.93E-04	2.43E-03	5.57E-05	1.29E-04	8.7E-08	5.4E-07	1.2E-08	2.8E-08	1.0E-09	2.1E-07	1.5E-10	1.1E-08	2.05E-07	2.06E-07	1.08E-08	1.10E-08
742	UCART4	482361.01	3732699.83	482361.01, 3	3.85E-04	2.32E-03	5.45E-05	1.20E-04	8.5E-08	5.1E-07	1.2E-08	2.7E-08	1.0E-09	2.0E-07	1.4E-10	1.0E-08	1.95E-07	1.96E-07	1.01E-08	1.02E-08
743	UCART4	482411.01	3732699.83	482411.01, 3	3.75E-04	2.21E-03	5.32E-05	1.12E-04	8.3E-08	4.9E-07	1.2E-08	2.5E-08	9.9E-10	1.9E-07	1.4E-10	9.7E-09	1.86E-07	1.87E-07	9.41E-09	9.55E-09
744	UCART4	481711.01	3732749.83	481711.01, 3	4.15E-04	3.17E-03	5.92E-05	1.62E-04	9.2E-08	7.0E-07	1.3E-08	3.6E-08	1.1E-09	2.8E-07	1.6E-10	1.4E-08	2.67E-07	2.68E-07	1.36E-08	1.37E-08
745	UCART4	481761.01	3732749.83	481761.01, 3	4.17E-04	3.22E-03	6.00E-05	1.71E-04	9.3E-08	7.0E-07	1.3E-08	3.8E-08	1.1E-09	2.8E-07	1.6E-10	1.5E-08	2.69E-07	2.70E-07	1.44E-08	1.45E-08
746	UCART4	481811.01	3732749.83	481811.01, 3	4.27E-04	3.21E-03	6.08E-05	1.81E-04	9.4E-08	7.1E-07	1.3E-08	4.0E-08	1.1E-09	2.8E-07	1.6E-10	1.6E-08	2.70E-07	2.71E-07	1.52E-08	1.53E-08
747	UCART4	481861.01	3732749.83	481861.01, 3	4.33E-04	3.22E-03	6.16E-05	1.89E-04	9.5E-08	7.1E-07	1.4E-08	4.2E-08	1.1E-09	2.8E-07	1.6E-10	1.6E-08	2.70E-07	2.72E-07	1.58E-08	1.60E-08
748	UCART4	481911.01	3732749.83	481911.01, 3	4.37E-04	3.21E-03	6.22E-05	1.94E-04	9.6E-08	7.1E-07	1.4E-08	4.3E-08	1.2E-09	2.8E-07	1.6E-10	1.7E-08	2.70E-07	2.71E-07	1.63E-08	1.64E-08
749	UCART4	481961.01	3732749.83	481961.01, 3	4.40E-04	3.19E-03	6.26E-05	1.95E-04	9.7E-08	7.0E-07	1.4E-08	4.3E-08	1.2E-09	2.8E-07	1.6E-10	1.7E-08	2.68E-07	2.69E-07	1.64E-08	1.66E-08
750	UCART4	482011.01	3732749.83	482011.01, 3	4.42E-04	3.15E-03	6.28E-05	1.93E-04	9.7E-08	6.9E-07	1.4E-08	4.3E-08	1.2E-09	2.7E-07	1.7E-10	1.7E-08	2.65E-07	2.66E-07	1.62E-08	1.64E-08
751	UCART4	482061.01	3732749.83	482061.01, 3	4.42E-04	3.09E-03	6.27E-05	1.87E-04	9.7E-08	6.8E-07	1.4E-08	4.1E-08	1.2E-09	2.7E-07	1.7E-10	1.6E-08	2.60E-07	2.61E-07	1.57E-08	1.59E-08
752	UCART4	482111.01	3732749.83	482111.01, 3	4.40E-04	3.01E-03	6.24E-05	1.79E-04	9.7E-08	6.6E-07	1.4E-08	3.9E-08	1.2E-09	2.6E-07	1.6E-10	1.5E-08	2.53E-07	2.54E-07	1.50E-08	1.52E-08
753	UCART4	482161.01	3732749.83	482161.01, 3	4.36E-04	2.92E-03	6.19E-05	1.69E-04	9.6E-08	6.4E-07	1.4E-08	3.7E-08	1.1E-09	2.5E-07	1.6E-10	1.5E-08	2.45E-07	2.46E-07	1.42E-08	1.43E-08
754	UCART4	482211.01	3732749.83	482211.01, 3	4.31E-04	2.81E-03	6.12E-05	1.58E-04	9.5E-08	6.2E-07	1.3E-08	3.5E-08	1.1E-09	2.4E-07	1.6E-10	1.4E-08	2.36E-07	2.37E-07	1.33E-08	1.35E-08
755	UCART4	482261.01	3732749.83	482261.01, 3	4.25E-04	2.69E-03	6.02E-05	1.48E-04	9.4E-08	5.9E-07	1.3E-08	3.3E-08	1.1E-09	2.3E-07	1.6E-10	1.3E-08	2.26E-07	2.27E-07	1.25E-08	1.26E-08
756	UCART4	482311.01	3732749.83	482311.01, 3	4.17E-04	2.56E-03	5.90E-05	1.38E-04	9.2E-08	5.7E-07	1.3E-08	3.0E-08	1.1E-09	2.2E-07	1.6E-10	1.2E-08	2.15E-07	2.17E-07	1.16E-08	1.17E-08
757	UCART4	482361.01	3732749.83	482361.01, 3	4.07E-04	2.44E-03	5.76E-05	1.28E-04	9.0E-08	5.4E-07	1.3E-08	2.8E-08	1.1E-09	2.1E-07	1.5E-10	1.1E-08	2.05E-07	2.06E-07	1.07E-08	1.09E-08
758	UCART4	482411.01	3732749.83	482411.01, 3	3.96E-04	2.31E-03	5.61E-05	1.18E-04	8.7E-08	5.1E-07	1.2E-08	2.6E-08	1.0E-09	2.0E-07	1.5E-10	1.0E-08	1.94E-07	1.95E-07	9.92E-09	1.01E-08
759	UCART4	481711.01	3732799.83	481711.01, 3	4.42E-04	3.42E-03	6.30E-05	1.78E-04	9.7E-08	7.5E-07	1.4E-08	3.9E-08	1.2E-09	3.0E-07	1.7E-10	1.5E-08	2.88E-07	2.89E-07	1.50E-08	1.51E-08
760	UCART4	481761.01	3732799.83	481761.01, 3	4.50E-04	3.46E-03	6.40E-05	1.90E-04	9.9E-08	7.6E-07	1.4E-08	4.2E-08	1.2E-09	3.0E-07	1.7E-10	1.6E-08	2.90E-07	2.92E-07	1.60E-08	1.61E-08
761	UCART4	481811.01	3732799.83	481811.01, 3	4.57E-04	3.48E-03	6.51E-05	2.02E-04	1.0E-07	7.7E-07	1.4E-08	4.5E-08	1.2E-09	3.0E-07	1.7E-10	1.8E-08	2.93E-07	2.94E-07	1.70E-08	1.71E-08
762	UCART4	481861.01	3732799.83	481861.01, 3	4.64E-04	3.50E-03	6.60E-05	2.12E-04	1.0E-07	7.7E-07	1.5E-08	4.7E-08	1.2E-09	3.0E-07	1.7E-10	1.8E-08	2.94E-07	2.95E-07	1.78E-08	1.80E-08
763	UCART4	481911.01	3732799.83	481911.01, 3	4.70E-04	3.49E-03	6.67E-05	2.18E-04	1.0E-07	7.7E-07	1.5E-08	4.8E-08	1.2E-09	3.0E-07	1.8E-10	1.9E-08	2.93E-07	2.95E-07	1.83E-08	1.85E-08
764	UCART4	481961.01	3732799.83	481961.01, 3	4.73E-04	3.47E-03	6.72E-05	2.19E-04	1.0E-07	7.6E-07	1.5E-08	4.8E-08	1.2E-09	3.0E-07	1.8E-10	1.9E-08	2.91E-07	2.92E-07	1.84E-08	1.86E-08
765	UCART4	482011.01	3732799.83	482011.01, 3	4.75E-04	3.42E-03	6.74E-05	2.15E-04	1.0E-07	7.5E-07	1.5E-08	4.7E-08	1.3E-09	3.0E-07	1.8E-10	1.9E-08	2.87E-07	2.88E-07	1.80E-08	1.82E-08
766	UCART4	482061.01	3732799.83	482061.01, 3	4.75E-04	3.34E-03	6.73E-05	2.06E-04	1.0E-07	7.4E-07	1.5E-08	4.5E-08	1.3E-09	2.9E-07	1.8E-10	1.8E-08	2.81E-07	2.82E-07	1.73E-08	1.75E-08
767	UCART4	482111.01	3732799.83	482111.01, 3	4.72E-04	3.25E-03	6.69E-05	1.95E-04	1.0E-07	7.2E-07	1.5E-08	4.3E-08	1.2E-09	2.8E-07	1.8E-10	1.7E-08	2.73E-07	2.74E-07	1.64E-08	1.66E-08
768	UCART4	482161.01	3732799.83	482161.01, 3	4.68E-04	3.13E-03	6.63E-05	1.84E-04	1.0E-07	6.9E-07	1.5E-08	4.1E-08	1.2E-09	2.7E-07	1.7E-10	1.6E-08	2.63E-07	2.64E-07	1.56E-08	1.56E-08
769	UCART4	482211.01	3732799.83	482211.01, 3	4.61E-04	3.00E-03	6.54E-05	1.72E-04	1.0E-07	6.6E-07	1.4E-08	3.8E-08	1.2E-09	2.6E-07	1.7E-10	1.5E-08	2.52E-07	2.53E-07	1.45E-08	1.46E-08
770	UCART4	482261.01	3732799.83	482261.01, 3	4.53E-04	2.85E-03	6.42E-05	1.60E-04	1.0E-07	6.3E-07	1.4E-08	3.5E-08	1.2E-09	2.5E-07	1.7E-10	1.4E-08	2.40E-07	2.41E-07	1.34E-08	1.36E-08
771	UCART4	482311.01	3732799.83	482311.01, 3	4.43E-04	2.70E-03	6.28E-05	1.47E-04	9.8E-08	6.0E-07	1.4E-08	3.2E-08	1.2E-09	2.3E-07	1.7E-10	1.3E-08	2.27E-07	2.28E-07	1.24E-08	1.25E-08
772	UCART4	482361.01	3732799.83	482361.01, 3	4.32E-04	2.55E-03	6.11E-05	1.35E-04	9.5E-08	5.6E-07	1.3E-08	3.0E-08	1.1E-09	2.2E-07	1.6E-10	1.2E-08	2.14E-07	2.16E-07	1.14E-08	1.15E-08
773	UCART4	482411.01	3732799.83	482411.01, 3	4.19E-04	2.41E-03	5.93E-05	1.24E-04	9.2E-08	5.3E-07	1.3E-08	2.7E-08	1.1E-09	2.1E-07	1.6E-10	1.1E-08	2.02E-07	2.03E-07	1.05E-08	1.06E-08
774	UCART4	481711.01	3732849.83	481711.01, 3	4.73E-04	3.72E-03	6.74E-05	1.98E-04	1.0E-07	8.2E-07	1.5E-08	4.4E-08	1.2E-09	3.2E-07	1.8E-10	1.7E-08	3.12E-07	3.13E-07	1.66E-08	1.68E-08
775	UCART4	481761.01	3732849.83	481761.01, 3	4.83E-04	3.77E-03	6.87E-05	2.13E-04	1.1E-07	8.3E-07	1.5E-08	4.7E-08	1.3E-09	3.3E-07	1.8E-10	1.8E-08	3.17E-07	3.18E-07	1.79E-08	1.81E-08
776	UCART4	481811.01	3732849.83	481811.01, 3	4.93E-04	3.81E-03	7.00E-05	2.28E-04	1.1E-07	8.4E-07	1.5E-08	5.0E-08	1.3E-09	3.3E-07	1.8E-10	2.0E-08	3.20E-07	3.21E-07	1.91E-08	1.93E-08
777	UCART4	481861.01	3732849.83	481861.01, 3	5.01E-04	3.83E-03	7.12E-05	2.40E-04	1.1E-07	8.4E-07	1.6E-08	5.3E-08	1.3E-09	3.3E-07	1.9E-10	2.1E-08	3.22E-07	3.23E-07	2.01E-08	2.03E-08
778	UCART4	481911.01	3732849.83	481911.01, 3	5.08E-04	3.83E-03	7.21E-05	2.46E-04	1.1E-07	8.4E-07	1.6E-08	5.4E-08	1.3E-09	3.3E-07	1.9E-10	2.1E-08	3.21E-07	3.23E-07	2.07E-08	2.09E-08
779	UCART4	481961.01	3732849.83	481961.01, 3	5.12E-04	3.79E-03	7.26E-05	2.46E-04	1.1E-07	8.4E-07	1.6E-08	5.4E-08	1.3E-09	3.3E-07	1.9E-10	2.1E-08	3.19E-07	3.20E-07	2.07E-08	2.09E-08
780	UCART4	482011.01	3732849.83	482011.01, 3	5.14E-04	3.73E-03	7.28E-05	2.39E-04	1.1E-07	8.2E-07	1.6E-08	5.3E-08	1.4E-09	3.2E-07	1.9E-10	2.1E-08	3.13E-07	3.15E-07	2.01E-08	2.03E-08
781	UCART4	482061.01	3732849.83	482061.01, 3	5.13E-04	3.64E-03	7.27E-05	2.28E-04	1.1E-07	8.0E-07	1.6E-08	5.0E-08	1.4E-09	3.2E-07	1.9E-10	2.0E-08	3.06E-07	3.07E-07	1.92E-08	1.94E-08
782	UCART4	482111.01	3732849.83	482111.01, 3	5.09E-04	3.51E-03	7.21E-05	2.15E-04	1.1E-07	7.8E-07	1.6E-08	4.7E-08	1.3E-09	3.0E-07	1.9E-10	1.9E-08	2.95E-07	2.97E-07	1.81E-08	1.82E-08
783	UCART4	482161.01	3732849.83	482161.01, 3	5.03E-04	3.37E-03	7.13E-05	2.01E-04	1.1E-07	7.4E-07	1.6E-08	4.4E-08	1.3E-09	2.9E-07	1.9E-10	1.7E-08	2.83E-07	2.84E-07	1.69E-08	1.71E-08
784	UCART4	482211.01	3732849.83	482211.01, 3	4.96E-04	3.20E-03	7.01E-05	1.87E-04	1.1E-07	7.1E-07	1.5E-08	4.1E-08	1.3E-09	2.8E-07	1.8E-10	1.6E-08	2.69E-07	2.71E-07	1.57E-08	1.59E-08
785	UCART4	482261.01	3732849.83	482261.01, 3	4.86E-04	3.03E-03	6.87E-05	1.71E-04	1.1E-07	6.7E-07	1.5E-08	3.8E-08	1.3E-09	2.6E-07	1.8E-10	1.5E-08	2.54E-07	2.56E-07	1.44E-08	1.46E-08
786	UCART4	482311.01	3732849.83	482311.01, 3	4.74E-04	2.85E-03	6.70E-05	1.57E-04	1.0E-07	6.3E-07	1.5E-08	3.5E-08	1.2E-09	2.5E-07	1.8E-10	1.4E-08	2.39E-07	2.41E-07	1.32E-08	1.34E-08
787	UCART4	482361.01	3732849.83	482361.01, 3	4.60E-04	2.67E-03	6.50E-05	1.43E-04	1.0E-07	5.9E-07	1.4E-08	3.2E-08	1.2E-09	2.3E-07	1.7E-10	1.2E-08	2.25E-07	2.26E-07	1.20E-08	1.22E-

842	UCART6	479520.27	3733313.46	479520.27, 3	1.64E-02	5.76E-02	2.34E-03	1.37E-03	3.6E-06	1.3E-05	5.2E-07	3.0E-07	4.3E-08	5.0E-06	6.2E-09	1.2E-07	4.84E-06	4.89E-06	1.16E-07	1.22E-07
843	UCART6	479550.27	3733313.46	479550.27, 3	1.82E-02	6.03E-02	2.59E-03	1.84E-03	4.0E-06	1.3E-05	5.7E-07	4.0E-07	4.8E-08	5.2E-06	6.8E-09	1.6E-07	5.07E-06	5.12E-06	1.54E-07	1.61E-07
844	UCART6	479580.27	3733313.46	479580.27, 3	1.89E-02	6.10E-02	2.69E-03	1.82E-03	4.2E-06	1.3E-05	5.9E-07	4.0E-07	5.0E-08	5.3E-06	7.1E-09	1.6E-07	5.13E-06	5.18E-06	1.53E-07	1.60E-07
845	UCART6	479610.27	3733313.46	479610.27, 3	1.86E-02	5.92E-02	2.65E-03	1.63E-03	4.1E-06	1.3E-05	5.8E-07	3.6E-07	4.9E-08	5.1E-06	7.0E-09	1.4E-07	4.97E-06	5.02E-06	1.37E-07	1.44E-07
846	UCART6	479640.27	3733313.46	479640.27, 3	1.73E-02	5.48E-02	2.47E-03	1.61E-03	3.8E-06	1.2E-05	5.4E-07	3.5E-07	4.5E-08	4.7E-06	6.5E-09	1.4E-07	4.60E-06	4.65E-06	1.35E-07	1.42E-07
847	UCART6	479670.27	3733313.46	479670.27, 3	1.51E-02	4.90E-02	2.21E-03	1.97E-03	3.3E-06	1.1E-05	4.9E-07	4.4E-07	4.0E-08	4.2E-06	5.8E-09	1.7E-07	4.11E-06	4.15E-06	1.66E-07	1.72E-07
848	UCART6	479490.27	3733343.46	479490.27, 3	1.99E-02	5.60E-02	2.83E-03	7.31E-04	4.4E-06	1.2E-05	6.2E-07	1.6E-07	5.2E-08	4.9E-06	7.4E-09	6.3E-08	4.70E-06	4.76E-06	6.14E-08	6.89E-08
849	UCART6	479520.27	3733343.46	479520.27, 3	2.54E-02	6.35E-02	3.60E-03	1.58E-03	5.6E-06	1.4E-05	7.9E-07	3.5E-07	6.7E-08	5.5E-06	9.5E-09	1.4E-07	5.34E-06	5.40E-06	1.33E-07	1.42E-07
850	UCART6	479550.27	3733343.46	479550.27, 3	2.88E-02	6.98E-02	4.08E-03	1.61E-03	6.4E-06	1.5E-05	9.0E-07	3.6E-07	7.6E-08	6.0E-06	1.1E-08	1.4E-07	5.86E-06	5.94E-06	1.36E-07	1.46E-07
851	UCART6	479580.27	3733343.46	479580.27, 3	3.00E-02	7.29E-02	4.25E-03	1.34E-03	6.6E-06	1.6E-05	9.4E-07	3.0E-07	7.9E-08	6.3E-06	1.1E-08	1.2E-07	6.13E-06	6.21E-06	1.13E-07	1.24E-07
852	UCART6	479610.27	3733343.46	479610.27, 3	2.93E-02	7.09E-02	4.16E-03	1.36E-03	6.5E-06	1.6E-05	9.2E-07	3.0E-07	7.7E-08	6.1E-06	1.1E-08	1.2E-07	5.95E-06	6.03E-06	1.14E-07	1.25E-07
853	UCART6	479640.27	3733343.46	479640.27, 3	2.67E-02	6.33E-02	3.80E-03	1.45E-03	5.9E-06	1.4E-05	8.4E-07	3.2E-07	7.0E-08	5.5E-06	1.0E-08	1.3E-07	5.32E-06	5.39E-06	1.21E-07	1.31E-07
854	UCART6	479670.27	3733343.46	479670.27, 3	2.20E-02	5.38E-02	3.19E-03	2.03E-03	4.9E-06	1.2E-05	7.0E-07	4.5E-07	5.8E-08	4.7E-06	8.4E-09	1.8E-07	4.52E-06	4.57E-06	1.71E-07	1.79E-07
855	UCART6	479490.27	3733373.46	479490.27, 3	3.62E-02	6.26E-02	5.13E-03	5.77E-04	8.0E-06	1.4E-05	1.1E-06	1.3E-07	9.5E-08	5.4E-06	1.4E-08	5.0E-08	5.26E-06	5.36E-06	4.85E-08	6.20E-08
856	UCART6	479520.27	3733373.46	479520.27, 3	5.19E-02	7.78E-02	7.34E-03	1.02E-03	1.1E-05	1.7E-05	1.6E-06	2.2E-07	1.4E-07	6.7E-06	1.9E-08	8.8E-08	6.54E-06	6.67E-06	8.56E-08	1.05E-07
857	UCART6	479550.27	3733373.46	479550.27, 3	5.80E-02	9.44E-02	8.20E-03	1.29E-03	1.3E-05	2.1E-05	1.8E-06	2.8E-07	1.5E-07	8.2E-06	2.2E-08	1.1E-07	7.93E-06	8.08E-06	1.08E-07	1.30E-07
858	UCART6	479580.27	3733373.46	479580.27, 3	5.96E-02	1.04E-01	8.43E-03	1.35E-03	1.3E-05	2.3E-05	1.9E-06	3.0E-07	1.6E-07	9.0E-06	2.2E-08	1.2E-07	8.74E-06	8.90E-06	1.14E-07	1.36E-07
859	UCART6	479610.27	3733373.46	479610.27, 3	5.84E-02	9.79E-02	8.27E-03	1.38E-03	1.3E-05	2.2E-05	1.8E-06	3.1E-07	1.5E-07	8.5E-06	2.2E-08	1.2E-07	8.23E-06	8.38E-06	1.16E-07	1.38E-07
860	UCART6	479640.27	3733373.46	479640.27, 3	5.36E-02	7.95E-02	7.60E-03	1.47E-03	1.2E-05	1.8E-05	1.7E-06	3.2E-07	1.4E-07	6.9E-06	2.0E-08	1.3E-07	6.68E-06	6.82E-06	1.23E-07	1.43E-07
861	UCART6	479670.27	3733373.46	479670.27, 3	4.00E-02	6.09E-02	5.73E-03	2.00E-03	8.8E-06	1.3E-05	1.3E-06	4.4E-07	1.1E-07	5.3E-06	1.5E-08	1.7E-07	5.12E-06	5.22E-06	1.68E-07	1.83E-07
862	UCART7	479575.27	3733098.6	479575.27, 3	2.54E-02	2.29E-01	3.66E-03	3.06E-03	5.6E-06	5.1E-05	8.1E-07	6.7E-07	6.7E-08	2.0E-05	9.6E-09	2.6E-07	1.92E-05	1.93E-05	2.57E-07	2.66E-07
863	UCART7	479605.27	3733098.6	479605.27, 3	2.36E-02	1.82E-01	3.40E-03	3.04E-03	5.2E-06	4.0E-05	7.5E-07	6.7E-07	6.2E-08	1.6E-05	9.0E-09	2.6E-07	1.53E-05	1.53E-05	2.56E-07	2.65E-07
864	UCART7	479635.27	3733098.6	479635.27, 3	2.14E-02	1.24E-01	3.09E-03	3.00E-03	4.7E-06	2.7E-05	6.8E-07	6.6E-07	5.6E-08	1.1E-05	8.1E-09	2.6E-07	1.04E-05	1.05E-05	2.52E-07	2.60E-07
865	UCART7	479665.27	3733098.6	479665.27, 3	1.69E-02	8.55E-02	2.48E-03	3.04E-03	3.7E-06	1.9E-05	5.5E-07	6.7E-07	4.5E-08	7.4E-06	6.5E-09	2.6E-07	7.19E-06	7.23E-06	2.56E-07	2.62E-07
866	UCART7	479575.27	3733128.6	479575.27, 3	1.48E-02	1.37E-01	2.13E-03	1.65E-03	3.3E-06	3.0E-05	4.7E-07	3.6E-07	3.9E-08	1.2E-05	5.6E-09	1.4E-07	1.15E-05	1.16E-05	1.38E-07	1.44E-07
867	UCART7	479605.27	3733128.6	479605.27, 3	1.36E-02	1.16E-01	1.97E-03	1.66E-03	3.0E-06	2.6E-05	4.3E-07	3.7E-07	3.6E-08	1.0E-05	5.2E-09	1.4E-07	9.74E-06	9.77E-06	1.39E-07	1.45E-07
868	UCART7	479635.27	3733128.6	479635.27, 3	1.22E-02	9.17E-02	1.78E-03	1.69E-03	2.7E-06	2.0E-05	3.9E-07	3.7E-07	3.2E-08	7.9E-06	4.7E-09	1.5E-07	7.70E-06	7.73E-06	1.42E-07	1.47E-07
869	UCART7	479665.27	3733128.6	479665.27, 3	1.04E-02	7.16E-02	1.55E-03	2.00E-03	2.3E-06	1.6E-05	3.4E-07	4.4E-07	2.7E-08	6.2E-06	4.1E-09	1.7E-07	6.02E-06	6.05E-06	1.68E-07	1.72E-07
870	UCART7	479575.27	3733158.6	479575.27, 3	1.13E-02	9.91E-02	1.63E-03	1.34E-03	2.5E-06	2.2E-05	3.6E-07	3.0E-07	3.0E-08	8.6E-06	4.3E-09	1.2E-07	8.33E-06	8.36E-06	1.13E-07	1.17E-07
871	UCART7	479605.27	3733158.6	479605.27, 3	1.05E-02	8.66E-02	1.52E-03	1.37E-03	2.3E-06	1.9E-05	3.3E-07	3.0E-07	2.8E-08	7.5E-06	4.0E-09	1.2E-07	7.27E-06	7.30E-06	1.15E-07	1.19E-07
872	UCART7	479635.27	3733158.6	479635.27, 3	9.61E-03	7.34E-02	1.39E-03	1.43E-03	2.1E-06	1.6E-05	3.1E-07	3.2E-07	2.5E-08	6.4E-06	3.7E-09	1.2E-07	6.17E-06	6.19E-06	1.20E-07	1.24E-07
873	UCART7	479665.27	3733158.6	479665.27, 3	8.55E-03	6.17E-02	1.27E-03	1.83E-03	1.9E-06	1.4E-05	2.8E-07	4.0E-07	2.3E-08	5.3E-06	3.4E-09	1.6E-07	5.18E-06	5.20E-06	1.54E-07	1.57E-07
874	UCART7	479575.27	3733188.6	479575.27, 3	1.00E-02	7.87E-02	1.44E-03	1.25E-03	2.2E-06	1.7E-05	3.2E-07	2.8E-07	2.6E-08	6.8E-06	3.8E-09	1.1E-07	6.61E-06	6.64E-06	1.05E-07	1.09E-07
875	UCART7	479605.27	3733188.6	479605.27, 3	9.46E-03	7.07E-02	1.36E-03	1.30E-03	2.1E-06	1.6E-05	3.0E-07	2.9E-07	2.5E-08	6.1E-06	3.6E-09	1.1E-07	5.94E-06	5.96E-06	1.09E-07	1.13E-07
876	UCART7	479635.27	3733188.6	479635.27, 3	8.81E-03	6.24E-02	1.28E-03	1.37E-03	1.9E-06	1.4E-05	2.8E-07	3.0E-07	2.3E-08	5.4E-06	3.4E-09	1.2E-07	5.24E-06	5.27E-06	1.15E-07	1.19E-07
877	UCART7	479665.27	3733188.6	479665.27, 3	8.06E-03	5.48E-02	1.20E-03	1.79E-03	1.8E-06	1.2E-05	2.7E-07	3.9E-07	2.1E-08	4.7E-06	3.2E-09	1.6E-07	4.60E-06	4.62E-06	1.50E-07	1.53E-07
878	UCART8	479378	3732025.27	479378, 3732	4.23E-04	3.37E-03	6.07E-05	6.29E-05	9.3E-08	7.4E-07	1.3E-08	1.4E-08	1.1E-09	2.9E-07	1.6E-10	5.4E-09	2.83E-07	2.84E-07	5.28E-09	5.44E-09
879	UCART8	479428	3732025.27	479428, 3732	4.36E-04	3.58E-03	6.26E-05	6.80E-05	9.6E-08	7.9E-07	1.4E-08	1.5E-08	1.1E-09	3.1E-07	1.6E-10	5.9E-09	3.01E-07	3.02E-07	5.71E-09	5.87E-09
880	UCART8	479478	3732025.27	479478, 3732	4.49E-04	3.82E-03	6.45E-05	7.34E-05	9.9E-08	8.4E-07	1.4E-08	1.6E-08	1.2E-09	3.3E-07	1.7E-10	6.4E-09	3.21E-07	3.22E-07	6.16E-09	6.33E-09
881	UCART8	479528	3732025.27	479528, 3732	4.61E-04	4.05E-03	6.62E-05	7.90E-05	1.0E-07	8.9E-07	1.5E-08	1.7E-08	1.2E-09	3.5E-07	1.7E-10	6.8E-09	3.40E-07	3.41E-07	6.63E-09	6.81E-09
882	UCART8	479578	3732025.27	479578, 3732	4.70E-04	4.23E-03	6.75E-05	8.37E-05	1.0E-07	9.3E-07	1.5E-08	1.8E-08	1.2E-09	3.7E-07	1.8E-10	7.3E-09	3.56E-07	3.57E-07	7.03E-09	7.21E-09
883	UCART8	479628	3732025.27	479628, 3732	4.76E-04	4.38E-03	6.85E-05	8.75E-05	1.1E-07	9.7E-07	1.5E-08	1.9E-08	1.3E-09	3.8E-07	1.8E-10	7.6E-09	3.68E-07	3.69E-07	7.35E-09	7.53E-09
884	UCART8	479678	3732025.27	479678, 3732	4.82E-04	4.53E-03	6.93E-05	9.14E-05	1.1E-07	1.0E-06	1.5E-08	2.0E-08	1.3E-09	3.9E-07	1.8E-10	7.9E-09	3.80E-07	3.82E-07	7.68E-09	7.86E-09
885	UCART8	479378	3732075.27	479378, 3732	4.48E-04	3.61E-03	6.44E-05	6.73E-05	9.9E-08	8.0E-07	1.4E-08	1.5E-08	1.2E-09	3.1E-07	1.7E-10	5.8E-09	3.03E-07	3.04E-07	5.66E-09	5.83E-09
886	UCART8	479428	3732075.27	479428, 3732	4.63E-04	3.86E-03	6.66E-05	7.31E-05	1.0E-07	8.5E-07	1.5E-08	1.6E-08	1.2E-09	3.3E-07	1.8E-10	6.3E-09	3.24E-07	3.25E-07	6.14E-09	6.32E-09
887	UCART8	479478	3732075.27	479478, 3732	4.77E-04	4.10E-03	6.86E-05	7.89E-05	1.1E-07	9.0E-07	1.5E-08	1.7E-08	1.3E-09	3.5E-07	1.8E-10	6.8E-09	3.44E-07	3.45E-07	6.62E-09	6.80E-09
888	UCART8	479528	3732075.27	479528, 3732	4.92E-04	4.38E-03	7.07E-05	8.56E-05	1.1E-07	9.7E-07	1.6E-08	1.9E-08	1.3E-09	3.8E-07	1.9E-10	7.4E-09	3.68E-07	3.70E-07	7.19E-09	7.37E-09
889	UCART8	479578	3732075.27	479578, 3732	5.03E-04	4.60E-03	7.23E-05	9.09E-05	1.1E-07	1.0E-06	1.6E-08	2.0E-08	1.3E-09	4.0E-07	1.9E-10	7.9E-09	3.87E-07	3.88E-07	7.64E-09	7.83E-09
890	UCART8	479628	3732075.27	479628, 3732	5.11E-04	4.79E-03	7.35E-05	9.57E-05	1.1E-07	1.1E-06	1.6E-08	2.1E-08	1.3E-09	4.2E-07	1.9E-10	8.3E-09	4.03E-07	4.04E-07	8.04E-09	8.24E-09
891	UCART8	479678	3732075.27	479678, 3732	5.19E-04	4.97E-03	7.45E-05	1.00E-04	1.1E-07	1.1E-06	1.6E-08	2.2E-08	1.4E-09	4.3E-07	2.0E-10	8.7E-09	4.18E-07	4.19E-07	8.41E-09	8.61E-09
892	UCART8	479378	3732125.27	479378, 3732	4.79E-04	3.93E-03	6.89E-05	7.28E-05	1.1E-07	8.7E-07	1.5E-08	1.6E-08	1.3E-09	3.4E-07	1.8E-10	6.3E-09	3.30E-07	3.31E-07	6.12E-09	6.30E-09
893	UCART8	479428	3732125.27	479428, 3732	4.96E-04	4.21E-03	7.14E-05	7.95E-05	1.1E-07	9.3E-07	1.6E-08	1.8E-08	1.3E-09	3.7E-07	1.9E-10	6.9E-09	3.54E-07	3.55E-07	6.68E-09	6.86E-09
894	UCART8	479478	3732125.27	479478, 3732	5.11E-04	4.45E-03	7.34E-05	8.57E-05	1.1E-07	9.8E-07	1.6E-08	1.9E-08	1.3E-09	3.9E-07	1.9E-10	7.4E-09	3.74E-07	3.75E-07	7.20E-09	7.39E-09
895	UCART8	479528	3732125.27	479528, 3732	5.27E-04	4.77E-03	7.58E-05	9.32E-05	1.2E-07	1.1E-06	1.7E-08	2.1E-08	1.4E-09	4.1E-07	2.0E-10	8.1E-09	4.00E-07	4.02E-07	7.83E-09	8.03E-09
896	UCART8	479578	3732125.27	479578, 3732	5.39E-04	4.99E-03	7.75E-05	9.92E-05	1.2E-07	1.1E-06	1.7E-08	2.2E-08	1.4E-09	4.3E-07	2.0E-10	8.6E-09	4.20E-07	4.21E-07	8.33E-09	8.53E-09
897	UCART8	479628	3732125.27	479628, 3732	5.49E-04	5.20E-03	7.89E-05	1.04E-04	1.2E-07	1.1E-06	1.7E-08	2.3E-08	1.4E-09	4.5E-07	2.1E-10	9.0E-09	4.37E-07	4.39E-07	8.77E-09	8.98E-09
898	UCART8	479678	3732125.27	479678, 3732	5.57E-04	5.42E-03	8.01E-05	1.09E-04	1.2E-07	1.2E-06	1.8E-08	2.4E-08	1.5E-09	4.7E-07	2.1E-10	9.5E-09	4.55E-07	4.57E-07	9.20E-09	9.41E-09
899	UCART8	479378	3732175.27	479378, 3732	5.13E-04	4.25E-03	7.38E-05	7.86E-05	1.1E-07	9.4E-07	1.6E-08	1.7E-08	1.4E-09	3.7E-07	1.9E-10	6.8E-09	3.57E-07	3.58E-07	6.61E-09	6.80E-09
900	UCART8	479428	3732175.27	479428, 3732	5.33E-04	4.56E-03	7.66E-05	8.60E-05	1.2E-07	1.0E-06	1.7E-08	1.9E-08	1.4E-09	4.0E-07	2.0E-10	7.5E-09	3.83E-07	3.85E-07	7.23E-09	7.43E-09
901	UCART8	479478	3732175.27	479478, 3732	5.51E-04	4.87E-03	7.92E-05	9.41E-05	1.2E-07	1.1E-06	1.7E-08	2.1E-08	1.5E-09	4.2E-07	2.1E-10	8.1E-09	4.09E-07	4.11E-07	7.90E-09	8.11E-09
902	UCART8	479528	3732175.27	479528, 3732	5.67E-04	5.17E-03	8.15E-05	1.02E-04	1.3E-07	1.1E-06	1.8E-08	2.2E-08	1.5E-09	4.5E-07	2.1E-10	8.8E-09	4.34E-07	4.36E-07	8.55E-09	8.76E-09
903	UCART8	479578	3732175.27	479578, 3732	5.80E-04	5.42E-03	8.34E-05	1.08E-04	1.3E-07	1.2E-06	1.8E-08	2.4E-08	1.5E-09	4.7E-07	2.2E-10	9.4E-09	4.56E-07	4.57E-07	9.11E-09	9.33E-09
904	UCART8	479628	3732175.27	479628, 3732	5.91E-04	5.67E-03	8.50E-05	1.14E-04	1.3E-07	1.3E-06	1.9E-08	2.5E-08	1.6E-09	4.9E-07	2.2E-10	9.9E-09	4.76E-07	4.78E-07	9.62E-09	9.84E-09
905	UCART8	479678	3732175.27	479678, 3732	6.00E-04	5.89E-03	8.62E-05	1.20E-04	1.3E-07	1.3E-06	1.9E-08	2.6E-08	1.6E-09	5.1E-07	2.3E-10	1.0E-08	4.95E-07	4.97E-07	1.00E-08	1.03E-08
906	UCART8	479378	3732225.27	479378, 3732	5.54E-04	4.66E-03	7.97E-05	8.56E-05	1.2E-07	1.0E-06	1.8E-08	1.9E-08	1.5E-09	4.0E-07	2.1E-10	7.4E-09	3.91E-07	3.93E-07	7.19E-09	7.40E-09
907	UCART8	479428	3732225.27	479428, 3732	5.77E-04	5.04E-03	8.30E-05	9.45E-05	1.3E-07	1.1E-06	1.8E-08	2.1E-08	1.5E-09	4.4E-07	2.2E-10	8.2E-09	4.23E-07	4.25E-07	7.94E-09	8.16E-09
908	UCART8	479478	3732225.27	479478, 3732	5.96E-04	5.35E-03	8.58E-05	1.03E-04	1.3E-07	1.2E-06	1.9E-08	2.3E-08	1.6E-09	4.6E-07	2.3E-10	9.0E-09	4.49E-07	4.51E-07	8.68E-09	8.91E-09
909	UCART8	479528	3732225.27	479528, 3732	6.13E-04	5.63E-03	8.82E-05	1.12E-04	1.4E-07	1.2E-06	1.9E-08	2.5E-08	1.6E-09	4.9E-07	2.3E-10	9.7E-09	4.73E-07	4.75E-07	9.38E-09	9.61E-09
910	UCART8	479578	3732225.27	479578, 3732	6.29E-04	5.94E-03	9.04E-05	1.14E-04	1.4E-07	1.3E-06	2.0E-08	2.6E-08	1.7E-09	5.1E-07	2.4E-10	1.0E-08	4.99E-07	5.00E-07	1.01E-08	1.03E-08
911	UCART8	479628	3732225.27	479628, 3732	6.41E-04	6.22E-03	9.22E-05	1.27E-04	1.4E-07	1.4E-06	2.0E-08	2.8E-08	1.7E-09	5.4E-07	2.4E-10	1.1E-08	5.22E-07	5.24E-07	1.07E-08	1.09E-08
912	UCART8	479678	3732225.27	479678, 3732	6.48E-04	6.43E-03	9.33E-05	1.32E-04	1.4E-07	1.4E-06	2.1E-08	2.9E-08	1.7E-09	5.6E-07	2.5E-10	1.1E-08	5.40E-07	5.42E-07	1.10E-08	1.13E-08
913	UCART8	479378	3732275.27	479378, 3732	6.03E-04	5.17E-03	8.68E-05	9.41E-05	1.3E-07	1.1E-06	1.9E-08	2.1E-08	1.6E-09	4.5E-07	2.3E-10	8.2E-09	4.34E-07	4.36E-07	7.91E-09	8.13E-09
914	UCART8	479428	3732275.27	479428, 3732	6.29E-04	5.56E-03	9.04E-05	1.04E-04	1.4E-07	1.2E-06	2.0E-08	2.3E-08	1.7E-09	4.8E-07	2.4E-10	9.0E-09	4.67E-07	4.69E-07	8.74E-09	8.98E-09
915	UCART8	479478	3732275.27	479478, 3732	6.50E-04	5.90E-03	9.35E-05	1.14E-04	1.4E-07	1.3E-06	2.1E-08	2.5E-08	1.7E-09	5.1E-07	2.5E-10	9.9E-09	4.95E-07	4.97E-07	9.60E-09	9.84E-09
916	UCART8	479528	3732275.27	479528, 3732	6.69E-04	6.21E-03	9.62E-05	1.24E-04	1.5E-07	1.4E-06	2.1E-08	2.7E-08	1.8E-09	5.4E-07	2.5E-10	1.1E-08	5.22E-07	5.24E-07	1.04E-08	1.07E-08
917	UCART8	479578	3732275.27	479578, 3732	6.86E-04	6.54E-03	9.86E-05	1.33E-04	1.5E-07	1.4E-06	2.2E-08	2.9E-08	1.8E-09	5.7E-07	2.6E-10	1.2E-08	5.49E-07	5.51E-07	1.12E-08	1.15E-08
918	UCART8	479628	3732275.27	479628, 3732	6.99E-04	6.83E-03	1.00E-04	1.41E-04	1.5E-07	1.5E-06	2.2E-08	3.1E-08	1.8E-09	5.9E-07	2.6E-10	1.2E-08	5.74E-07	5.76E-07	1.18E-08	1.21E-08
919	UCART8	479678	3732275.27	479678, 3732	7.09E-04	7.12E-03	1.02E-04	1.46E-04	1.6E-07	1.6E-06	2.2E-08	3.2E-08	1.9E-09	6.2E-07	2.7E-10	1.3E-08	5.99E-07	6.00E-07	1.23E-08	1.26E-08
920	UCART8	479378	3732325.27	479378, 3732	6.60E-04	5.73E-03	9.49E-05	1.04E-04	1.5E-07	1.3E-06	2.1E-08	2.3E-08	1.7E-09	5.0E-07	2.5E-10	9.0E-09	4.81E-07	4.83E-07	8.70E-09	8.95E-09
921	UCART8	479428	3732325.27	479428, 3732	6.91E-04	6.20E-03	9.93E-05	1.16E-04	1.5E-07	1.4E-06	2.2E-08	2.6E-08	1.8E-09	5.4E-07	2.6E-10	1.0E-08	5.20E-07	5.22E-07	9.72E-09	9.98E-09
922	UCART8	479478	3732325.27	479478, 3732	7.15E-04	6.56E-03	1.03E-04	1.28E-04	1.6E-07	1.4E-06	2.2E-08	2.8E-08	1.9E-09	5.7E-07	2.7E-10	1.1E-08	5.51E-07	5.53E-07	1.07E-08	1.10E-08
923	UCART8	479528	3732325.27	479528, 3732	7.38E-04	6.94E-03	1.06E-04	1.39E-04	1.6E-07	1.5E-06	2.3E-08	3.1E-08	1.9E-09	6.0E-07	2.8E-10	1.2E-08	5.83E-07	5.85E-07	1.17E-08	1.20E-08
924	UCART8	479578	3732325.27	479578, 3732	7.55E-04	7.27E-03	1.09E-04	1.49E-04	1.7E-07	1.6E-06	2.4E-08	3.3E-08	2.0E-09	6.3E-07	2.9E-10	1.3E-08	6.10E-07	6.12E-07	1.26E-08	1.28E-08
925	UCART8	479628	3732325.27	479628, 3732	7.69E-04	7.60E-03	1.11E-04	1.58E-04	1.7E-07	1.7E-06	2.4E-08	3.5E-08	2.0E-09	6.6E-07	2.9E-10	1.4E-08	6.38E-07	6.40E-07	1.33E-08	1.36E-08
926	UCART8	479678	3732325.27	479678, 3732	7.81E-04	7.93E-03	1.12E-04	1.64E-04	1.7E-07	1.7E-06	2.5E-08	3.6E-08	2.1E-09	6.9E-07	3.0E-10	1.4E-08	6.66E-07	6.68E-07	1.38E-08	1.41E-08
927	UCART8	479378	3732375.27	479378, 3732	7.18E-04	6.13E-03	1.03E-04	1.12E-04	1.6E-07	1.4E-06	2.3E-08	2.5E-08	1.9E-09	5.3E-07	2.7E-10	9.7E-09	5.15E-07	5.16E-07	9.44E-09	9.71E-09
928	UCART8	479428	3732375.27	479428, 3732	7.61E-04	6.85E-03	1.10E-04	1.28E-04	1.7E-07	1.5E-06	2.4E-08	2.8E-08	2.0E-09	5.9E-07	2.9E-10	1.1E-08	5.76E-07	5.78E-07	1.08E-08	1.11E-08
929	UCART8	479478	3732375.27	479478, 3732	7.93E-04	7.33E-03	1.14E-04	1.43E-04	1.7E-07	1.6E-06	2.5E-08	3.2E-08	2.1E-09	6.4E-07	3.0E-10	1.2E-08	6.16E-07	6.18E-07	1.20E-08	1.23E-08
930	UCART8	479528	3732375.27	479528, 3732	8.20E-04	7.79E-03	1.18E-04	1.57E-04	1.8E-07	1.7E-06	2.6E-08	3.5E-08	2.2E-09	6.7E-07	3.1E-10	1.4E-08	6.54E-07	6.57E

984	UCART8	479428	3732775.27	479428, 373	3.29E-03	2.69E-02	4.74E-04	4.00E-04	7.3E-07	5.9E-06	1.0E-07	8.8E-08	8.7E-09	2.3E-06	1.2E-09	3.5E-08	2.26E-06	2.27E-06	3.36E-08	3.49E-08
985	UCART8	479478	3732775.27	479478, 373	3.57E-03	3.00E-02	5.14E-04	5.01E-04	7.9E-07	6.6E-06	1.1E-07	1.1E-07	9.4E-09	2.6E-06	1.4E-09	4.3E-08	2.52E-06	2.53E-06	4.21E-08	4.35E-08
986	UCART8	479528	3732775.27	479528, 373	3.69E-03	3.18E-02	5.32E-04	5.86E-04	8.1E-07	7.0E-06	1.2E-07	1.3E-07	9.7E-09	2.8E-06	1.4E-09	5.1E-08	2.67E-06	2.68E-06	4.93E-08	5.07E-08
987	UCART8	479578	3732775.27	479578, 373	3.61E-03	3.24E-02	5.20E-04	6.23E-04	8.0E-07	7.2E-06	1.1E-07	1.4E-07	9.5E-09	2.8E-06	1.4E-09	5.4E-08	2.72E-06	2.73E-06	5.23E-08	5.37E-08
988	UCART8	479628	3732775.27	479628, 373	3.42E-03	3.10E-02	4.93E-04	6.03E-04	7.6E-07	6.8E-06	1.1E-07	1.3E-07	9.0E-09	2.7E-06	1.3E-09	5.2E-08	2.60E-06	2.61E-06	5.07E-08	5.20E-08
989	UCART8	479678	3732775.27	479678, 373	3.15E-03	2.76E-02	4.53E-04	5.50E-04	6.9E-07	6.1E-06	1.0E-07	1.2E-07	8.3E-09	2.4E-06	1.2E-09	4.8E-08	2.32E-06	2.33E-06	4.62E-08	4.74E-08
990	UCART8	479378	3732825.27	479378, 373	4.08E-03	3.07E-02	5.88E-04	3.61E-04	9.0E-07	6.8E-06	1.3E-07	8.0E-08	1.1E-08	2.7E-06	1.5E-09	3.1E-08	2.58E-06	2.59E-06	3.04E-08	3.19E-08
991	UCART8	479428	3732825.27	479428, 373	4.69E-03	3.57E-02	6.76E-04	4.76E-04	1.0E-06	7.9E-06	1.5E-07	1.1E-07	1.2E-08	3.1E-06	1.8E-09	4.1E-08	3.00E-06	3.01E-06	4.00E-08	4.18E-08
992	UCART8	479478	3732825.27	479478, 373	5.14E-03	4.03E-02	7.40E-04	6.20E-04	1.1E-06	8.9E-06	1.6E-07	1.4E-07	1.4E-08	3.5E-06	1.9E-09	5.4E-08	3.39E-06	3.40E-06	5.21E-08	5.40E-08
993	UCART8	479528	3732825.27	479528, 373	5.25E-03	4.16E-02	7.57E-04	7.36E-04	1.2E-06	9.2E-06	1.7E-07	1.6E-07	1.4E-08	3.6E-06	2.0E-09	6.4E-08	3.49E-06	3.51E-06	6.18E-08	6.38E-08
994	UCART8	479578	3732825.27	479578, 373	5.04E-03	4.21E-02	7.27E-04	7.68E-04	1.1E-06	9.3E-06	1.6E-07	1.7E-07	1.3E-08	3.7E-06	1.9E-09	6.7E-08	3.54E-06	3.55E-06	6.45E-08	6.64E-08
995	UCART8	479628	3732825.27	479628, 373	4.64E-03	3.92E-02	6.69E-04	7.12E-04	1.0E-06	8.6E-06	1.5E-07	1.6E-07	1.2E-08	3.4E-06	1.8E-09	6.2E-08	3.29E-06	3.30E-06	5.98E-08	6.16E-08
996	UCART8	479678	3732825.27	479678, 373	4.09E-03	3.31E-02	5.89E-04	6.25E-04	9.0E-07	7.3E-06	1.3E-07	1.4E-07	1.1E-08	2.9E-06	1.6E-09	5.4E-08	2.78E-06	2.79E-06	5.25E-08	5.40E-08
997	UCART8	479378	3732875.27	479378, 373	6.37E-03	4.23E-02	9.17E-04	4.18E-04	1.4E-06	9.3E-06	2.0E-07	9.2E-08	1.7E-08	3.7E-06	2.4E-09	3.6E-08	3.55E-06	3.57E-06	3.51E-08	3.75E-08
998	UCART8	479428	3732875.27	479428, 373	7.50E-03	5.06E-02	1.08E-03	5.67E-04	1.7E-06	1.1E-05	2.4E-07	1.3E-07	2.0E-08	4.4E-06	2.8E-09	4.9E-08	4.25E-06	4.27E-06	4.77E-08	5.05E-08
999	UCART8	479478	3732875.27	479478, 373	8.09E-03	5.64E-02	1.17E-03	7.76E-04	1.8E-06	1.2E-05	2.6E-07	1.7E-07	2.1E-08	4.9E-06	3.1E-09	6.7E-08	4.74E-06	4.76E-06	6.52E-08	6.83E-08
1000	UCART8	479528	3732875.27	479528, 373	8.14E-03	5.78E-02	1.17E-03	9.70E-04	1.8E-06	1.3E-05	2.6E-07	2.1E-07	2.1E-08	5.0E-06	3.1E-09	8.4E-08	4.86E-06	4.88E-06	8.15E-08	8.46E-08
1001	UCART8	479578	3732875.27	479578, 373	7.69E-03	5.56E-02	1.11E-03	1.00E-03	1.7E-06	1.2E-05	2.4E-07	2.2E-07	2.0E-08	4.8E-06	2.9E-09	8.7E-08	4.67E-06	4.69E-06	8.44E-08	8.73E-08
1002	UCART8	479628	3732875.27	479628, 373	6.89E-03	4.93E-02	9.93E-04	8.61E-04	1.5E-06	1.1E-05	2.2E-07	1.9E-07	1.8E-08	4.3E-06	2.6E-09	7.5E-08	4.14E-06	4.16E-06	7.23E-08	7.49E-08
1003	UCART8	479678	3732875.27	479678, 373	5.75E-03	4.06E-02	8.30E-04	7.02E-04	1.3E-06	9.0E-06	1.8E-07	1.5E-07	1.5E-08	3.5E-06	2.2E-09	6.1E-08	3.41E-06	3.42E-06	5.90E-08	6.12E-08
1004	UCART1	479704.31	3733711.83	479704.31, 3	2.75E-03	1.62E-02	4.53E-04	1.82E-03	6.1E-07	3.6E-06	1.0E-07	4.0E-07	7.3E-09	1.4E-06	1.2E-09	1.6E-07	1.36E-06	1.37E-06	1.53E-07	1.54E-07
1005	UCART1	479754.31	3733711.83	479754.31, 3	2.34E-03	1.49E-02	3.94E-04	1.95E-03	5.2E-07	3.3E-06	8.7E-08	4.3E-07	6.2E-09	1.3E-06	1.0E-09	1.7E-07	1.25E-06	1.26E-06	1.64E-07	1.65E-07
1006	UCART1	479804.31	3733711.83	479804.31, 3	1.97E-03	1.35E-02	3.40E-04	1.96E-03	4.3E-07	3.0E-06	7.5E-08	4.3E-07	5.2E-09	1.2E-06	9.0E-10	1.7E-07	1.13E-06	1.14E-06	1.64E-07	1.65E-07
1007	UCART1	479854.31	3733711.83	479854.31, 3	1.66E-03	1.23E-02	2.95E-04	1.95E-03	3.7E-07	2.7E-06	6.5E-08	4.3E-07	4.4E-09	1.1E-06	7.8E-10	1.7E-07	1.03E-06	1.04E-06	1.64E-07	1.64E-07
1008	UCART1	479904.31	3733711.83	479904.31, 3	1.42E-03	1.12E-02	2.60E-04	1.93E-03	3.1E-07	2.5E-06	5.7E-08	4.3E-07	3.7E-09	9.7E-07	6.8E-10	1.7E-07	9.41E-07	9.45E-07	1.62E-07	1.63E-07
1009	UCART1	479954.31	3733711.83	479954.31, 3	1.23E-03	1.03E-02	2.32E-04	1.91E-03	2.7E-07	2.3E-06	5.1E-08	4.2E-07	3.2E-09	8.9E-07	6.1E-10	1.7E-07	8.64E-07	8.68E-07	1.61E-07	1.61E-07
1010	UCART1	480004.31	3733711.83	480004.31, 3	1.08E-03	9.50E-03	2.11E-04	1.89E-03	2.4E-07	2.1E-06	4.6E-08	4.2E-07	2.8E-09	8.2E-07	5.5E-10	1.6E-07	7.98E-07	8.01E-07	1.59E-07	1.60E-07
1011	UCART1	480054.31	3733711.83	480054.31, 3	9.64E-04	8.84E-03	1.93E-04	1.88E-03	2.1E-07	1.9E-06	4.3E-08	4.1E-07	2.5E-09	7.7E-07	5.1E-10	1.6E-07	7.42E-07	7.45E-07	1.58E-07	1.58E-07
1012	UCART1	480104.31	3733711.83	480104.31, 3	8.71E-04	8.26E-03	1.79E-04	1.86E-03	1.9E-07	1.8E-06	4.0E-08	4.1E-07	2.3E-09	7.2E-07	4.7E-10	1.6E-07	6.94E-07	6.96E-07	1.56E-07	1.57E-07
1013	UCART1	480154.31	3733711.83	480154.31, 3	7.96E-04	7.77E-03	1.68E-04	1.84E-03	1.8E-07	1.7E-06	3.7E-08	4.1E-07	2.1E-09	6.7E-07	4.4E-10	1.6E-07	6.53E-07	6.55E-07	1.55E-07	1.55E-07
1014	UCART1	480204.31	3733711.83	480204.31, 3	7.34E-04	7.34E-03	1.59E-04	1.83E-03	1.6E-07	1.6E-06	3.5E-08	4.0E-07	1.9E-09	6.4E-07	4.2E-10	1.6E-07	6.16E-07	6.18E-07	1.54E-07	1.54E-07
1015	UCART1	480254.31	3733711.83	480254.31, 3	6.84E-04	6.96E-03	1.51E-04	1.82E-03	1.5E-07	1.5E-06	3.3E-08	4.0E-07	1.8E-09	6.0E-07	4.0E-10	1.6E-07	5.85E-07	5.87E-07	1.53E-07	1.53E-07
1016	UCART1	480304.31	3733711.83	480304.31, 3	6.42E-04	6.62E-03	1.44E-04	1.79E-03	1.4E-07	1.5E-06	3.2E-08	3.9E-07	1.7E-09	5.7E-07	3.8E-10	1.6E-07	5.56E-07	5.58E-07	1.50E-07	1.51E-07
1017	UCART1	480354.31	3733711.83	480354.31, 3	6.06E-04	6.30E-03	1.38E-04	1.75E-03	1.3E-07	1.4E-06	3.0E-08	3.9E-07	1.6E-09	5.5E-07	3.6E-10	1.5E-07	5.29E-07	5.31E-07	1.47E-07	1.47E-07
1018	UCART1	480404.31	3733711.83	480404.31, 3	5.77E-04	6.05E-03	1.33E-04	1.73E-03	1.3E-07	1.3E-06	2.9E-08	3.8E-07	1.5E-09	5.2E-07	3.5E-10	1.5E-07	5.08E-07	5.10E-07	1.46E-07	1.46E-07
1019	UCART1	480454.31	3733711.83	480454.31, 3	5.53E-04	5.84E-03	1.29E-04	1.72E-03	1.2E-07	1.3E-06	2.9E-08	3.8E-07	1.5E-09	5.1E-07	3.4E-10	1.5E-07	4.91E-07	4.92E-07	1.45E-07	1.45E-07
1020	UCART1	480504.31	3733711.83	480504.31, 3	5.33E-04	5.66E-03	1.26E-04	1.71E-03	1.2E-07	1.2E-06	2.8E-08	3.8E-07	1.4E-09	4.9E-07	3.3E-10	1.5E-07	4.75E-07	4.77E-07	1.44E-07	1.44E-07
1021	UCART1	480554.31	3733711.83	480554.31, 3	5.17E-04	5.50E-03	1.23E-04	1.70E-03	1.1E-07	1.2E-06	2.7E-08	3.8E-07	1.4E-09	4.8E-07	3.2E-10	1.5E-07	4.62E-07	4.63E-07	1.43E-07	1.43E-07
1022	UCART1	480604.31	3733711.83	480604.31, 3	5.04E-04	5.37E-03	1.21E-04	1.69E-03	1.1E-07	1.2E-06	2.7E-08	3.7E-07	1.3E-09	4.7E-07	3.2E-10	1.5E-07	4.51E-07	4.52E-07	1.42E-07	1.42E-07
1023	UCART1	480654.31	3733711.83	480654.31, 3	4.94E-04	5.26E-03	1.19E-04	1.68E-03	1.1E-07	1.2E-06	2.6E-08	3.7E-07	1.3E-09	4.6E-07	3.1E-10	1.5E-07	4.42E-07	4.43E-07	1.42E-07	1.42E-07
1024	UCART1	480704.31	3733711.83	480704.31, 3	4.87E-04	5.18E-03	1.18E-04	1.68E-03	1.1E-07	1.1E-06	2.6E-08	3.7E-07	1.3E-09	4.5E-07	3.1E-10	1.5E-07	4.35E-07	4.36E-07	1.41E-07	1.41E-07
1025	UCART1	480754.31	3733711.83	480754.31, 3	4.82E-04	5.12E-03	1.17E-04	1.67E-03	1.1E-07	1.1E-06	2.6E-08	3.7E-07	1.3E-09	4.4E-07	3.1E-10	1.4E-07	4.30E-07	4.31E-07	1.40E-07	1.41E-07
1026	UCART1	480804.31	3733711.83	480804.31, 3	4.80E-04	5.08E-03	1.16E-04	1.66E-03	1.1E-07	1.1E-06	2.6E-08	3.7E-07	1.3E-09	4.4E-07	3.1E-10	1.4E-07	4.27E-07	4.28E-07	1.40E-07	1.40E-07
1027	UCART1	480854.31	3733711.83	480854.31, 3	4.82E-04	5.07E-03	1.16E-04	1.66E-03	1.1E-07	1.1E-06	2.6E-08	3.7E-07	1.3E-09	4.4E-07	3.1E-10	1.4E-07	4.26E-07	4.27E-07	1.39E-07	1.40E-07
1028	UCART1	479704.31	3733761.83	479704.31, 3	2.12E-03	1.26E-02	3.15E-04	7.12E-04	4.7E-07	2.8E-06	6.9E-08	1.6E-07	5.6E-09	1.1E-06	8.3E-10	6.2E-08	1.06E-06	1.06E-06	5.98E-08	6.07E-08
1029	UCART1	479754.31	3733761.83	479754.31, 3	1.94E-03	1.18E-02	2.80E-04	7.75E-04	4.1E-07	2.6E-06	6.2E-08	1.7E-07	4.9E-09	1.0E-06	7.4E-10	6.7E-08	9.87E-07	9.92E-07	6.52E-08	6.59E-08
1030	UCART1	479804.31	3733761.83	479804.31, 3	1.62E-03	1.09E-02	2.46E-04	7.97E-04	3.6E-07	2.4E-06	5.4E-08	1.8E-07	4.3E-09	9.4E-07	6.5E-10	6.9E-08	9.12E-07	9.16E-07	6.70E-08	6.76E-08
1031	UCART1	479854.31	3733761.83	479854.31, 3	1.41E-03	9.99E-03	2.16E-04	8.03E-04	3.1E-07	2.2E-06	4.8E-08	1.8E-07	3.7E-09	8.7E-07	5.7E-10	7.0E-08	8.39E-07	8.43E-07	6.74E-08	6.80E-08
1032	UCART1	479904.31	3733761.83	479904.31, 3	1.23E-03	9.19E-03	1.90E-04	8.01E-04	2.7E-07	2.0E-06	4.2E-08	1.8E-07	3.2E-09	8.0E-07	5.0E-10	6.9E-08	7.72E-07	7.75E-07	6.73E-08	6.78E-08
1033	UCART1	479954.31	3733761.83	479954.31, 3	1.08E-03	8.48E-03	1.69E-04	7.97E-04	2.4E-07	1.9E-06	3.7E-08	1.8E-07	2.8E-09	7.3E-07	4.4E-10	6.9E-08	7.12E-07	7.15E-07	6.69E-08	6.74E-08
1034	UCART1	480004.31	3733761.83	480004.31, 3	9.59E-04	7.84E-03	1.52E-04	7.92E-04	2.1E-07	1.7E-06	3.3E-08	1.7E-07	2.5E-09	6.8E-07	4.0E-10	6.9E-08	6.59E-07	6.62E-07	6.65E-08	6.69E-08
1035	UCART1	480054.31	3733761.83	480054.31, 3	8.62E-04	7.30E-03	1.38E-04	7.88E-04	1.9E-07	1.6E-06	3.0E-08	1.7E-07	2.3E-09	6.3E-07	3.6E-10	6.8E-08	6.13E-07	6.15E-07	6.62E-08	6.65E-08
1036	UCART1	480104.31	3733761.83	480104.31, 3	7.82E-04	6.82E-03	1.26E-04	7.83E-04	1.7E-07	1.5E-06	2.8E-08	1.7E-07	2.1E-09	5.9E-07	3.3E-10	6.8E-08	5.73E-07	5.75E-07	6.58E-08	6.61E-08
1037	UCART1	480154.31	3733761.83	480154.31, 3	7.17E-04	6.40E-03	1.17E-04	7.79E-04	1.6E-07	1.4E-06	2.6E-08	1.7E-07	1.9E-09	5.5E-07	3.1E-10	6.8E-08	5.37E-07	5.39E-07	6.55E-08	6.58E-08
1038	UCART1	480204.31	3733761.83	480204.31, 3	6.63E-04	6.03E-03	1.09E-04	7.76E-04	1.5E-07	1.3E-06	2.4E-08	1.7E-07	1.7E-09	5.2E-07	2.9E-10	6.7E-08	5.06E-07	5.08E-07	6.52E-08	6.55E-08
1039	UCART1	480254.31	3733761.83	480254.31, 3	6.18E-04	5.70E-03	1.03E-04	7.73E-04	1.4E-07	1.3E-06	2.3E-08	1.7E-07	1.6E-09	4.9E-07	2.7E-10	6.7E-08	4.79E-07	4.80E-07	6.49E-08	6.52E-08
1040	UCART1	480304.31	3733761.83	480304.31, 3	5.79E-04	5.38E-03	9.71E-05	7.55E-04	1.3E-07	1.2E-06	2.1E-08	1.7E-07	1.5E-09	4.7E-07	2.6E-10	6.5E-08	4.52E-07	4.54E-07	6.35E-08	6.37E-08
1041	UCART1	480354.31	3733761.83	480354.31, 3	5.49E-04	5.16E-03	9.28E-05	7.64E-04	1.2E-07	1.1E-06	2.0E-08	1.7E-07	1.4E-09	4.5E-07	2.4E-10	6.6E-08	4.33E-07	4.35E-07	6.42E-08	6.45E-08
1042	UCART1	480404.31	3733761.83	480404.31, 3	5.23E-04	4.95E-03	8.90E-05	7.65E-04	1.2E-07	1.1E-06	2.0E-08	1.7E-07	1.4E-09	4.3E-07	2.3E-10	6.6E-08	4.16E-07	4.17E-07	6.42E-08	6.45E-08
1043	UCART1	480454.31	3733761.83	480454.31, 3	5.01E-04	4.76E-03	8.59E-05	7.63E-04	1.1E-07	1.1E-06	1.9E-08	1.7E-07	1.3E-09	4.1E-07	2.3E-10	6.6E-08	4.00E-07	4.01E-07	6.41E-08	6.43E-08
1044	UCART1	480504.31	3733761.83	480504.31, 3	4.83E-04	4.60E-03	8.32E-05	7.61E-04	1.1E-07	1.0E-06	1.8E-08	1.7E-07	1.3E-09	4.0E-07	2.2E-10	6.6E-08	3.87E-07	3.88E-07	6.39E-08	6.41E-08
1045	UCART1	480554.31	3733761.83	480554.31, 3	4.68E-04	4.46E-03	8.11E-05	7.59E-04	1.0E-07	9.8E-07	1.8E-08	1.7E-07	1.2E-09	3.9E-07	2.1E-10	6.6E-08	3.75E-07	3.76E-07	6.37E-08	6.40E-08
1046	UCART1	480604.31	3733761.83	480604.31, 3	4.57E-04	4.35E-03	7.93E-05	7.57E-04	1.0E-07	9.6E-07	1.7E-08	1.7E-07	1.2E-09	3.8E-07	2.1E-10	6.6E-08	3.65E-07	3.67E-07	6.36E-08	6.38E-08
1047	UCART1	480654.31	3733761.83	480654.31, 3	4.48E-04	4.26E-03	7.80E-05	7.56E-04	9.9E-08	9.4E-07	1.7E-08	1.7E-07	1.2E-09	3.7E-07	2.1E-10	6.6E-08	3.58E-07	3.59E-07	6.35E-08	6.37E-08
1048	UCART1	480704.31	3733761.83	480704.31, 3	4.41E-04	4.19E-03	7.70E-05	7.55E-04	9.7E-08	9.2E-07	1.7E-08	1.7E-07	1.2E-09	3.6E-07	2.0E-10	6.5E-08	3.52E-07	3.53E-07	6.34E-08	6.36E-08
1049	UCART1	480754.31	3733761.83	480754.31, 3	4.38E-04	4.14E-03	7.64E-05	7.54E-04	9.7E-08	9.1E-07	1.7E-08	1.7E-07	1.2E-09	3.6E-07	2.0E-10	6.5E-08	3.48E-07	3.49E-07	6.34E-08	6.36E-08
1050	UCART1	480804.31	3733761.83	480804.31, 3	4.36E-04	4.11E-03	7.61E-05	7.53E-04	9.6E-08	9.1E-07	1.7E-08	1.7E-07	1.1E-09	3.6E-07	2.0E-10	6.5E-08	3.45E-07	3.46E-07	6.33E-08	6.35E-08
1051	UCART1	480854.31	3733761.83	480854.31, 3	4.38E-04	4.10E-03	7.62E-05	7.53E-04	9.7E-08	9.0E-07	1.7E-08	1.7E-07	1.2E-09	3.6E-07	2.0E-10	6.5E-08	3.44E-07	3.46E-07	6.32E-08	6.34E-08
1052	UCART1	479704.31	3733811.83	479704.31, 3	1.06E-02	6.50E-02	4.78E-04	4.78E-04	3.8E-07	2.3E-06	5.5E-08	1.8E-07	4.5E-09	9.1E-07	6.6E-10	4.4E-08	8.87E-07	8.92E-07	4.01E-08	4.08E-08
1053	UCART1	479754.31	3733811.83	479754.31, 3	1.55E-03	9.99E-03	2.28E-04	5.07E-04	3.4E-07	2.2E-06	5.0E-08	1.1E-07	4.1E-09	8.7E-07	6.0E-10	4.4E-08	8.39E-07	8.43E-07	4.26E-08	4.32E-08
1054	UCART1	479804.31	3733811.83	479804.31, 3	1.38E-03	9.36E-03	2.05E-04	5.22E-04	3.1E-07	2.1E-06	4.5E-08	1.2E-07	3.6E-09	8.1E-07	5.4E-10	4.5E-08	7.86E-07	7.90E-07	4.39E-08	4.44E-08
1055	UCART1	479854.31	3733811.83	479854.31, 3	1.23E-03	8.73E-03	1.83E-04	5.28E-04	2.7E-07	1.9E-06	4.0E-08	1.2E-07	3.2E-09	7.6E-07	4.8E-10	4.6E-08	7.34E-07	7.37E-07	4.43E-08	4.48E-08
1056	UCART1	479904.31	3733811.83	479904.31, 3	1.10E-03	8.13E-03	1.64E-04	5.29E-04	2.4E-07	1.8E-06	3.6E-08	1.2E-07	2.9E-09	7.0E-07	4.3E-10	4.6E-08	6.83E-07	6.86E-07	4.44E-08	4.49E-08
1057	UCART1	479954.31	3733811.83	479954.31, 3	9.81E-04	7.57E-03	1.48E-04	5.28E-04	2.2E-07	1.7E-06	3.3E-08	1.2E-07	2.6E-09	6.6E-07	3.9E-10	4.6E-08	6.36E-07	6.38E-07	4.43E-08	4.47E-08
1058	UCART1	480004.31	3733811.83	480004.31, 3	8.83E-04	7.05E-03	1.34E-04	5.26E-04	1.9E-07	1.6E-06	3.0E-08	1.2E-07	2.3E-09	6.1E-07	3.5E-10	4.6E-08	5.93E-07	5.95E-07	4.42E-08	4.45E-08
1059	UCART1	480054.31	3733811.83	480054.31, 3	8.02E-04	6.60E-03	1.22E-04	5.24E-04	1.8E-07	1.5E-06	2.7E-08	1.2E-07	2.1E-09	5.7E-07	3.2E-10	4.5E-08	5.55E-07	5.57E-07	4.40E-08	4.43E-08
1060	UCART1	480104.31	3733811.83	480104.31, 3	7.34E-04	6.20E-03	1.13E-04	5.21E-04	1.6E-07	1.4E-06	2.5E-08	1.1E-07	1.9E-09	5.4E-07	3.0E-10	4.5E-08	5.21E-07	5.23E-07	4.37E-08	4.40E-08
1061	UCART1	480154.31	3733811.83	480154.31, 3	6.77E-04	5.83E-03	1.04E-04	5.19E-04	1.5E-07	1.3E-06	2.3E-08	1.1E-07	1.8E-09	5.1E-07	2.8E-10	4.5E-08	4.90E-07	4.92E-07	4.36E-08	4.39E-08
1062	UCART1	480204.31	3733811.83	480204.31, 3	6.29E-04	5.51E-03	9.77E-05	5.17E-04	1.4E-07	1.2E-06	2.2E-08	1.1E-07	1.7E-09	4.8E-07	2.6E-10	4.5E-08	4.63E-07	4.65E-07	4.35E-08	4.37E-08
1063	UCART1	480304.31	3733811.83	480304.31, 3	5.55E-04	4.96E-03	8.71E-05	5.13E-04	1.2E-07	1.1E-06	1.9E-08	1.1E-07	1.5E-09	4.3E-07	2.3E-10	4.4E-08	4.17E-07	4.19E-07	4.31E-08	4.33E-08
1064	UCART1	480354.31	3733811.83	480354.31, 3	5.27E-04	4.75E-03	8.31E-05	5.13E-04	1.2E-07	1.0E-06	1.8E-08	1.1E-07	1.4E-09	4.1E-07	2.2E-10	4.4E-08	3.99E-07	4.01E-07	4.31E-08	4.33E-08
1065	UCART1	480404.31	3733811.83	480404.31, 3	5.03E-04	4.56E-03	7.96E-05	5.12E-04	1.1E-07	1.0E-06	1.8E-08	1.1E-07	1.3E-09	3.9E-07	2.1E-10	4.4E-08	3.83E-07	3.84E-07	4.30E-08	4.32E-08
1066	UCART1	480454.31	3733811.83	480454.31, 3	4.83E-04	4.39E-03	7.68E-05	5.11E-04	1.1E-07	9.7E-07	1.7E-08	1.1E-07	1.3E-09	3.8E-07	2.0E-10	4.4E-08	3.69E-07	3.70E-07	4.30E-08	4.32E-08
1067	UCART1	480504.31	3733811.83	480504.31, 3	4.67E-04	4.24E-03	7.43E-05	5.10E-04	1.0E-07	9.4E-07	1.6E-08	1.1E-07	1.2E-09	3.7E-07	2.0E-10	4.4E-08	3.56E-07	3.58E-07	4.29E-08	4.31E-08
1068	UCART1	480554.31	3733811.83	480554.31, 3	4.53E-04	4.12E-03	7.24E-05	5.10E-04	1.0E-07	9.1E-07	1.6E-08	1.1E-07	1.2E-09	3.6E-07	1.9E-10	4.4E-08	3.46E-07	3.47E-07	4.28E-08	4.30E-08
1069	UCART1	480604.31	3733811.83	480604.31, 3	4.42E-04	4.01E-03	7.08E-05	5.10E-04	9.7E-08	8.9E-07	1.6E-08	1.1E-07	1.2E-09	3.5E-07	1.9E-10	4.4E-08	3.37E-07	3.38E-07	4.28E-08	4.30E-08
1070	UCART1	480654.31	3733811.83	480654.31, 3	4.34E-04	3.93E-03	6.95E-05	5.09E-04	9.6E-08	8.7E-07	1.5E-08	1.1E-07	1.1E-09	3.4E-07	1.8E-10	4.4E-08	3.30E-07	3.31E-07	4.27E-08	4.29E-08
1071	UCART1	480704.31	3733811.83	480704.31, 3	4.28E-04	3.87E-03	6.86E-05	5.08E-04	9.4E-08	8.5E-07	1.5E-08	1.1E-07	1.1E-09	3.4E-07	1.8E-10	4.4E-08	3.25E-07	3.26E-07	4.27E-08	4.29E-08
1072	U

1126	UCART1	479954.31	3733961.83	479954.31, 3	7.59E-04	5.75E-03	1.11E-04	2.72E-04	1.7E-07	1.3E-06	2.5E-08	6.0E-08	2.0E-09	5.0E-07	2.9E-10	2.4E-08	4.83E-07	4.85E-07	2.28E-08	2.31E-08
1127	UCART1	480404.31	3733961.83	480404.31, 3	4.60E-04	3.89E-03	6.86E-05	2.71E-04	1.0E-07	8.6E-07	1.5E-08	6.0E-08	1.2E-09	3.4E-07	1.8E-10	2.3E-08	3.27E-07	3.28E-07	2.27E-08	2.29E-08
1128	UCART1	480454.31	3733961.83	480454.31, 3	4.44E-04	3.77E-03	6.64E-05	2.71E-04	9.8E-08	8.3E-07	1.5E-08	6.0E-08	1.2E-09	3.3E-07	1.7E-10	2.3E-08	3.17E-07	3.18E-07	2.27E-08	2.29E-08
1129	UCART1	480504.31	3733961.83	480504.31, 3	4.31E-04	3.66E-03	6.45E-05	2.71E-04	9.5E-08	8.1E-07	1.4E-08	6.0E-08	1.1E-09	3.2E-07	1.7E-10	2.3E-08	3.08E-07	3.09E-07	2.28E-08	2.29E-08
1130	UCART1	480554.31	3733961.83	480554.31, 3	4.21E-04	3.57E-03	6.30E-05	2.71E-04	9.3E-08	7.9E-07	1.4E-08	6.0E-08	1.1E-09	3.1E-07	1.7E-10	2.3E-08	3.00E-07	3.01E-07	2.28E-08	2.29E-08
1131	UCART1	480604.31	3733961.83	480604.31, 3	4.12E-04	3.49E-03	6.18E-05	2.71E-04	9.1E-08	7.7E-07	1.4E-08	6.0E-08	1.1E-09	3.0E-07	1.6E-10	2.3E-08	2.93E-07	2.94E-07	2.28E-08	2.29E-08
1132	UCART1	480654.31	3733961.83	480654.31, 3	4.06E-04	3.43E-03	6.08E-05	2.72E-04	9.0E-08	7.6E-07	1.3E-08	6.0E-08	1.1E-09	3.0E-07	1.6E-10	2.4E-08	2.88E-07	2.89E-07	2.28E-08	2.30E-08
1133	UCART1	480704.31	3733961.83	480704.31, 3	4.01E-04	3.38E-03	6.01E-05	2.72E-04	8.9E-08	7.4E-07	1.3E-08	6.0E-08	1.1E-09	2.9E-07	1.6E-10	2.4E-08	2.84E-07	2.85E-07	2.29E-08	2.30E-08
1134	UCART1	480754.31	3733961.83	480754.31, 3	3.99E-04	3.34E-03	5.97E-05	2.73E-04	8.8E-08	7.4E-07	1.3E-08	6.0E-08	1.1E-09	2.9E-07	1.6E-10	2.4E-08	2.81E-07	2.82E-07	2.29E-08	2.31E-08
1135	UCART1	480804.31	3733961.83	480804.31, 3	3.98E-04	3.32E-03	5.96E-05	2.73E-04	8.8E-08	7.3E-07	1.3E-08	6.0E-08	1.0E-09	2.9E-07	1.6E-10	2.4E-08	2.79E-07	2.80E-07	2.29E-08	2.31E-08
1136	UCART1	480854.31	3733961.83	480854.31, 3	3.99E-04	3.31E-03	5.97E-05	2.74E-04	8.8E-08	7.3E-07	1.3E-08	6.0E-08	1.1E-09	2.9E-07	1.6E-10	2.4E-08	2.78E-07	2.79E-07	2.30E-08	2.32E-08
1137	UCART1	479854.31	3734011.83	479854.31, 3	7.93E-04	5.73E-03	1.15E-04	2.32E-04	1.7E-07	1.3E-06	2.5E-08	5.1E-08	2.1E-09	5.0E-07	3.0E-10	2.0E-08	4.82E-07	4.84E-07	1.95E-08	1.98E-08
1138	UCART1	479904.31	3734011.83	479904.31, 3	7.47E-04	5.52E-03	1.09E-04	2.33E-04	1.6E-07	1.2E-06	2.4E-08	5.1E-08	2.0E-09	4.8E-07	2.9E-10	2.0E-08	4.64E-07	4.66E-07	1.96E-08	1.99E-08
1139	UCART1	479954.31	3734011.83	479954.31, 3	7.02E-04	5.29E-03	1.02E-04	2.34E-04	1.5E-07	1.2E-06	2.3E-08	5.2E-08	1.8E-09	4.6E-07	2.7E-10	2.0E-08	4.45E-07	4.47E-07	1.97E-08	1.99E-08
1140	UCART1	480454.31	3734011.83	480454.31, 3	4.33E-04	3.61E-03	6.41E-05	2.35E-04	9.5E-08	8.0E-07	1.4E-08	5.2E-08	1.1E-09	3.1E-07	1.7E-10	2.0E-08	3.03E-07	3.04E-07	1.98E-08	1.99E-08
1141	UCART1	480504.31	3734011.83	480504.31, 3	4.21E-04	3.51E-03	6.25E-05	2.35E-04	9.3E-08	7.7E-07	1.4E-08	5.2E-08	1.1E-09	3.0E-07	1.6E-10	2.0E-08	2.95E-07	2.96E-07	1.98E-08	1.99E-08
1142	UCART1	480554.31	3734011.83	480554.31, 3	4.11E-04	3.43E-03	6.11E-05	2.35E-04	9.1E-08	7.6E-07	1.3E-08	5.2E-08	1.1E-09	3.0E-07	1.6E-10	2.0E-08	2.88E-07	2.89E-07	1.98E-08	1.99E-08
1143	UCART1	480604.31	3734011.83	480604.31, 3	4.03E-04	3.36E-03	5.99E-05	2.36E-04	8.9E-08	7.4E-07	1.3E-08	5.2E-08	1.1E-09	2.9E-07	1.6E-10	2.0E-08	2.82E-07	2.83E-07	1.98E-08	2.00E-08
1144	UCART1	480654.31	3734011.83	480654.31, 3	3.97E-04	3.30E-03	5.90E-05	2.36E-04	8.8E-08	7.3E-07	1.3E-08	5.2E-08	1.0E-09	2.9E-07	1.6E-10	2.0E-08	2.77E-07	2.78E-07	1.99E-08	2.00E-08
1145	UCART1	480704.31	3734011.83	480704.31, 3	3.93E-04	3.25E-03	5.84E-05	2.37E-04	8.7E-08	7.2E-07	1.3E-08	5.2E-08	1.0E-09	2.8E-07	1.5E-10	2.1E-08	2.73E-07	2.74E-07	1.99E-08	2.01E-08
1146	UCART1	480754.31	3734011.83	480754.31, 3	3.91E-04	3.22E-03	5.80E-05	2.38E-04	8.6E-08	7.1E-07	1.3E-08	5.2E-08	1.0E-09	2.8E-07	1.5E-10	2.1E-08	2.71E-07	2.72E-07	2.00E-08	2.01E-08
1147	UCART1	480804.31	3734011.83	480804.31, 3	3.90E-04	3.20E-03	5.79E-05	2.38E-04	8.6E-08	7.1E-07	1.3E-08	5.3E-08	1.0E-09	2.8E-07	1.5E-10	2.1E-08	2.69E-07	2.70E-07	2.00E-08	2.02E-08
1148	UCART1	480854.31	3734011.83	480854.31, 3	3.91E-04	3.19E-03	5.81E-05	2.39E-04	8.6E-08	7.0E-07	1.3E-08	5.3E-08	1.0E-09	2.8E-07	1.5E-10	2.1E-08	2.68E-07	2.69E-07	2.01E-08	2.02E-08
1149	UCART1	480604.31	3734061.83	480604.31, 3	3.94E-04	3.23E-03	5.82E-05	2.09E-04	8.7E-08	7.1E-07	1.3E-08	4.6E-08	1.0E-09	2.8E-07	1.5E-10	1.8E-08	2.72E-07	2.73E-07	1.76E-08	1.77E-08
1150	UCART1	480654.31	3734061.83	480654.31, 3	3.89E-04	3.18E-03	5.74E-05	2.09E-04	8.6E-08	7.0E-07	1.3E-08	4.6E-08	1.0E-09	2.8E-07	1.5E-10	1.8E-08	2.67E-07	2.68E-07	1.76E-08	1.77E-08
1151	UCART1	480704.31	3734061.83	480704.31, 3	3.85E-04	3.14E-03	5.69E-05	2.10E-04	8.5E-08	6.9E-07	1.3E-08	4.6E-08	1.0E-09	2.7E-07	1.5E-10	1.8E-08	2.64E-07	2.65E-07	1.76E-08	1.78E-08
1152	UCART1	480754.31	3734061.83	480754.31, 3	3.83E-04	3.11E-03	5.65E-05	2.11E-04	8.4E-08	6.9E-07	1.2E-08	4.6E-08	1.0E-09	2.7E-07	1.5E-10	1.8E-08	2.61E-07	2.62E-07	1.77E-08	1.79E-08
1153	UCART1	480804.31	3734061.83	480804.31, 3	3.82E-04	3.09E-03	5.64E-05	2.11E-04	8.4E-08	6.8E-07	1.2E-08	4.7E-08	1.0E-09	2.7E-07	1.5E-10	1.8E-08	2.59E-07	2.60E-07	1.78E-08	1.79E-08
1154	UCART1	480854.31	3734061.83	480854.31, 3	3.83E-04	3.08E-03	5.65E-05	2.12E-04	8.5E-08	6.8E-07	1.2E-08	4.7E-08	1.0E-09	2.7E-07	1.5E-10	1.8E-08	2.59E-07	2.60E-07	1.78E-08	1.80E-08
1155	UCART1	479709.83	3732002.05	479709.83, 3	4.72E-04	4.48E-03	6.78E-05	9.04E-05	1.0E-07	9.9E-07	1.5E-08	2.0E-08	1.2E-09	3.9E-07	1.8E-10	7.8E-09	3.76E-07	3.78E-07	7.59E-09	7.77E-09
1156	UCART1	479759.83	3732002.05	479759.83, 3	4.77E-04	4.63E-03	6.86E-05	9.33E-05	1.1E-07	1.0E-06	1.5E-08	2.1E-08	1.3E-09	4.0E-07	1.8E-10	8.1E-09	3.89E-07	3.90E-07	7.84E-09	8.02E-09
1157	UCART1	479809.83	3732002.05	479809.83, 3	4.80E-04	4.70E-03	6.91E-05	9.51E-05	1.1E-07	1.0E-06	1.5E-08	2.1E-08	1.3E-09	4.1E-07	1.8E-10	8.2E-09	3.95E-07	3.96E-07	7.99E-09	8.17E-09
1158	UCART1	479859.83	3732002.05	479859.83, 3	4.81E-04	4.71E-03	6.91E-05	9.66E-05	1.1E-07	1.0E-06	1.5E-08	2.1E-08	1.3E-09	4.1E-07	1.8E-10	8.4E-09	3.96E-07	3.97E-07	8.12E-09	8.30E-09
1159	UCART1	479909.83	3732002.05	479909.83, 3	4.79E-04	4.65E-03	6.89E-05	9.68E-05	1.1E-07	1.0E-06	1.5E-08	2.1E-08	1.3E-09	4.0E-07	1.8E-10	8.4E-09	3.91E-07	3.92E-07	8.13E-09	8.31E-09
1160	UCART1	479959.83	3732002.05	479959.83, 3	4.75E-04	4.51E-03	6.84E-05	9.61E-05	1.0E-07	1.0E-06	1.5E-08	2.1E-08	1.3E-09	3.9E-07	1.8E-10	8.3E-09	3.79E-07	3.80E-07	8.08E-09	8.26E-09
1161	UCART1	480009.83	3732002.05	480009.83, 3	4.69E-04	4.37E-03	6.74E-05	9.50E-05	1.0E-07	9.6E-07	1.5E-08	2.1E-08	1.2E-09	3.8E-07	1.8E-10	8.2E-09	3.67E-07	3.68E-07	7.98E-09	8.16E-09
1162	UCART1	480059.83	3732002.05	480059.83, 3	4.61E-04	4.19E-03	6.62E-05	9.31E-05	1.0E-07	9.2E-07	1.5E-08	2.1E-08	1.2E-09	3.6E-07	1.7E-10	8.1E-09	3.52E-07	3.53E-07	7.82E-09	7.99E-09
1163	UCART1	480109.83	3732002.05	480109.83, 3	4.52E-04	3.94E-03	6.49E-05	9.07E-05	1.0E-07	8.7E-07	1.4E-08	2.0E-08	1.2E-09	3.4E-07	1.7E-10	7.9E-09	3.31E-07	3.32E-07	7.62E-09	7.79E-09
1164	UCART1	480159.83	3732002.05	480159.83, 3	4.40E-04	3.79E-03	6.33E-05	8.90E-05	9.7E-08	8.4E-07	1.4E-08	2.0E-08	1.2E-09	3.3E-07	1.7E-10	7.7E-09	3.19E-07	3.20E-07	7.48E-09	7.64E-09
1165	UCART1	480209.83	3732002.05	480209.83, 3	4.29E-04	3.51E-03	6.16E-05	8.68E-05	9.5E-08	7.7E-07	1.4E-08	1.9E-08	1.1E-09	3.0E-07	1.6E-10	7.5E-09	2.95E-07	2.96E-07	7.29E-09	7.45E-09
1166	UCART1	480259.83	3732002.05	480259.83, 3	4.17E-04	3.32E-03	5.99E-05	8.48E-05	9.2E-08	7.3E-07	1.3E-08	1.9E-08	1.1E-09	2.9E-07	1.6E-10	7.3E-09	2.79E-07	2.80E-07	7.12E-09	7.28E-09
1167	UCART1	480309.83	3732002.05	480309.83, 3	4.04E-04	3.20E-03	5.81E-05	8.29E-05	8.9E-08	7.1E-07	1.3E-08	1.8E-08	1.1E-09	2.8E-07	1.5E-10	7.2E-09	2.69E-07	2.70E-07	6.96E-09	7.12E-09
1168	UCART1	480359.83	3732002.05	480359.83, 3	3.92E-04	3.10E-03	5.63E-05	8.10E-05	8.6E-08	6.8E-07	1.2E-08	1.8E-08	1.0E-09	2.7E-07	1.5E-10	7.0E-09	2.61E-07	2.62E-07	6.81E-09	6.96E-09
1169	UCART1	480409.83	3732002.05	480409.83, 3	3.79E-04	3.00E-03	5.45E-05	7.93E-05	8.4E-08	6.6E-07	1.2E-08	1.7E-08	1.0E-09	2.6E-07	1.4E-10	6.9E-09	2.52E-07	2.53E-07	6.66E-09	6.81E-09
1170	UCART1	480459.83	3732002.05	480459.83, 3	3.69E-04	2.83E-03	5.31E-05	7.77E-05	8.1E-08	6.2E-07	1.2E-08	1.7E-08	9.7E-10	2.5E-07	1.4E-10	6.7E-09	2.38E-07	2.39E-07	6.53E-09	6.67E-09
1171	UCART1	480509.83	3732002.05	480509.83, 3	3.59E-04	2.72E-03	5.15E-05	7.60E-05	7.9E-08	6.0E-07	1.1E-08	1.7E-08	9.4E-10	2.4E-07	1.4E-10	6.6E-09	2.29E-07	2.30E-07	6.38E-09	6.52E-09
1172	UCART1	480559.83	3732002.05	480559.83, 3	3.48E-04	2.62E-03	5.00E-05	7.49E-05	7.7E-08	5.8E-07	1.1E-08	1.7E-08	9.2E-10	2.3E-07	1.3E-10	6.5E-09	2.20E-07	2.21E-07	6.30E-09	6.43E-09
1173	UCART1	480609.83	3732002.05	480609.83, 3	3.38E-04	2.53E-03	4.86E-05	7.36E-05	7.5E-08	5.6E-07	1.1E-08	1.6E-08	8.9E-10	2.2E-07	1.3E-10	6.4E-09	2.13E-07	2.13E-07	6.18E-09	6.31E-09
1174	UCART1	480659.83	3732002.05	480659.83, 3	3.29E-04	2.44E-03	4.73E-05	7.27E-05	7.3E-08	5.4E-07	1.0E-08	1.6E-08	8.7E-10	2.1E-07	1.2E-10	6.3E-09	2.05E-07	2.06E-07	6.10E-09	6.23E-09
1175	UCART1	480709.83	3732002.05	480709.83, 3	3.21E-04	2.33E-03	4.61E-05	7.12E-05	7.1E-08	5.1E-07	1.0E-08	1.6E-08	8.4E-10	2.0E-07	1.2E-10	6.2E-09	1.96E-07	1.97E-07	5.98E-09	6.10E-09
1176	UCART1	480759.83	3732002.05	480759.83, 3	3.13E-04	2.27E-03	4.50E-05	7.02E-05	6.9E-08	5.0E-07	9.9E-09	1.5E-08	8.2E-10	2.0E-07	1.2E-10	6.1E-09	1.91E-07	1.91E-07	5.90E-09	6.02E-09
1177	UCART1	480809.83	3732002.05	480809.83, 3	3.06E-04	2.21E-03	4.40E-05	6.94E-05	6.7E-08	4.9E-07	9.7E-09	1.5E-08	8.1E-10	1.9E-07	1.2E-10	6.0E-09	1.86E-07	1.87E-07	5.83E-09	5.95E-09
1178	UCART1	480859.83	3732002.05	480859.83, 3	2.99E-04	2.15E-03	4.30E-05	6.86E-05	6.6E-08	4.7E-07	9.5E-09	1.5E-08	7.9E-10	1.9E-07	1.1E-10	5.9E-09	1.81E-07	1.82E-07	5.76E-09	5.87E-09
1179	UCART1	480909.83	3732002.05	480909.83, 3	2.94E-04	2.11E-03	4.22E-05	6.73E-05	6.5E-08	4.7E-07	9.3E-09	1.5E-08	7.7E-10	1.8E-07	1.1E-10	5.8E-09	1.77E-07	1.78E-07	5.66E-09	5.77E-09
1180	UCART1	480959.83	3732002.05	480959.83, 3	2.88E-04	2.06E-03	4.14E-05	6.58E-05	6.4E-08	4.5E-07	9.1E-09	1.5E-08	7.6E-10	1.8E-07	1.1E-10	5.7E-09	1.73E-07	1.74E-07	5.53E-09	5.64E-09
1181	UCART1	481009.83	3732002.05	481009.83, 3	2.83E-04	2.02E-03	4.06E-05	6.53E-05	6.2E-08	4.4E-07	9.0E-09	1.4E-08	7.4E-10	1.7E-07	1.1E-10	5.7E-09	1.69E-07	1.70E-07	5.49E-09	5.60E-09
1182	UCART1	481059.83	3732002.05	481059.83, 3	2.78E-04	1.98E-03	3.99E-05	6.46E-05	6.1E-08	4.4E-07	8.8E-09	1.4E-08	7.3E-10	1.7E-07	1.1E-10	5.6E-09	1.67E-07	1.67E-07	5.45E-09	5.56E-09
1183	UCART1	481109.83	3732002.05	481109.83, 3	2.73E-04	1.94E-03	3.92E-05	6.40E-05	6.0E-08	4.3E-07	8.6E-09	1.4E-08	7.2E-10	1.7E-07	1.0E-10	5.5E-09	1.63E-07	1.64E-07	5.38E-09	5.48E-09
1184	UCART1	481159.83	3732002.05	481159.83, 3	2.69E-04	1.90E-03	3.86E-05	6.34E-05	5.9E-08	4.2E-07	8.5E-09	1.4E-08	7.1E-10	1.6E-07	1.0E-10	5.5E-09	1.60E-07	1.61E-07	5.33E-09	5.43E-09
1185	UCART1	481209.83	3732002.05	481209.83, 3	2.65E-04	1.87E-03	3.81E-05	6.29E-05	5.8E-08	4.1E-07	8.4E-09	1.4E-08	7.0E-10	1.6E-07	1.0E-10	5.4E-09	1.57E-07	1.58E-07	5.28E-09	5.38E-09
1186	UCART1	481259.83	3732002.05	481259.83, 3	2.62E-04	1.83E-03	3.76E-05	6.22E-05	5.8E-08	4.0E-07	8.3E-09	1.4E-08	6.9E-10	1.6E-07	9.9E-11	5.4E-09	1.54E-07	1.55E-07	5.22E-09	5.32E-09
1187	UCART1	481309.83	3732002.05	481309.83, 3	2.59E-04	1.80E-03	3.71E-05	6.23E-05	5.7E-08	4.0E-07	8.2E-09	1.4E-08	6.8E-10	1.6E-07	9.8E-11	5.4E-09	1.51E-07	1.52E-07	5.23E-09	5.33E-09
1188	UCART1	481359.83	3732002.05	481359.83, 3	2.56E-04	1.77E-03	3.67E-05	6.23E-05	5.6E-08	3.9E-07	8.1E-09	1.4E-08	6.7E-10	1.5E-07	9.7E-11	5.4E-09	1.49E-07	1.50E-07	5.23E-09	5.33E-09
1189	UCART1	481409.83	3732002.05	481409.83, 3	2.53E-04	1.75E-03	3.63E-05	6.26E-05	5.6E-08	3.9E-07	8.0E-09	1.4E-08	6.7E-10	1.5E-07	9.6E-11	5.4E-09	1.47E-07	1.47E-07	5.26E-09	5.35E-09
1190	UCART1	481459.83	3732002.05	481459.83, 3	2.50E-04	1.72E-03	3.59E-05	6.25E-05	5.5E-08	3.8E-07	7.9E-09	1.4E-08	6.6E-10	1.5E-07	9.5E-11	5.4E-09	1.45E-07	1.45E-07	5.25E-09	5.35E-09
1191	UCART1	481509.83	3732002.05	481509.83, 3	2.48E-04	1.70E-03	3.56E-05	6.31E-05	5.5E-08	3.7E-07	7.8E-09	1.4E-08	6.5E-10	1.5E-07	9.4E-11	5.5E-09	1.43E-07	1.43E-07	5.30E-09	5.40E-09
1192	UCART1	481559.83	3732002.05	481559.83, 3	2.46E-04	1.68E-03	3.53E-05	6.37E-05	5.4E-08	3.7E-07	7.8E-09	1.4E-08	6.5E-10	1.5E-07	9.3E-11	5.5E-09	1.41E-07	1.41E-07	5.35E-09	5.44E-09
1193	UCART1	481609.83	3732002.05	481609.83, 3	2.44E-04	1.66E-03	3.50E-05	6.44E-05	5.4E-08	3.7E-07	7.7E-09	1.4E-08	6.4E-10	1.4E-07	9.2E-11	5.6E-09	1.39E-07	1.40E-07	5.41E-09	5.50E-09
1194	UCART1	481659.83	3732002.05	481659.83, 3	2.42E-04	1.63E-03	3.48E-05	6.49E-05	5.4E-08	3.6E-07	7.7E-09	1.4E-08	6.4E-10	1.4E-07	9.2E-11	5.6E-09	1.37E-07	1.38E-07	5.45E-09	5.54E-09
1195	UCART1	479709.83	3732052.05	479709.83, 3	5.06E-04	4.88E-03	7.27E-05	9.83E-05	1.1E-07	1.1E-06	1.6E-08	2.2E-08	1.3E-09	4.2E-07	1.9E-10	8.5E-09	4.10E-07	4.11E-07	8.26E-09	8.45E-09
1196	UCART1	479759.83	3732052.05	479759.83, 3	5.10E-04	5.00E-03	7.33E-05	1.01E-04	1.1E-07	1.1E-06	1.6E-08	2.2E-08	1.3E-09	4.3E-07	1.9E-10	8.8E-09	4.20E-07	4.22E-07	8.49E-09	8.68E-09
1197	UCART1	479809.83	3732052.05	479809.83, 3	5.12E-04	5.06E-03	7.36E-05	1.03E-04	1.1E-07	1.1E-06	1.6E-08	2.3E-08	1.3E-09	4.4E-07	1.9E-10	8.9E-09	4.25E-07	4.26E-07	8.63E-09	8.82E-09
1198	UCART1	479859.83	3732052.05	479859.83, 3	5.12E-04	5.03E-03	7.37E-05	1.04E-04	1.1E-07	1.1E-06	1.6E-08	2.3E-08	1.3E-09	4.4E-07	1.9E-10	9.0E-09	4.22E-07	4.24E-07	8.73E-09	8.92E-09
1199	UCART1	479909.83	3732052.05	479909.83, 3	5.09E-04	4.93E-03	7.32E-05	1.03E-04	1.1E-07	1.1E-06	1.6E-08	2.3E-08	1.3E-09	4.3E-07	1.9E-10	9.0E-09	4.14E-07	4.16E-07	8.69E-09	8.88E-09
1200	UCART1	479959.83	3732052.05	479959.83, 3	5.03E-04	4.79E-03	7.23E-05	1.02E-04	1.1E-07	1.1E-06	1.6E-08	2.3E-08	1.3E-09	4.2E-07	1.9E-10	8.9E-09	4.03E-07	4.04E-07	8.61E-09	8.80E-09
1201	UCART1	480009.83	3732052.05	480009.83, 3	4.94E-04	4.61E-03	7.11E-05	1.01E-04	1.1E-07	1.0E-06	1.6E-08	2.2E-08	1.3E-09	4.0E-07	1.9E-10	8.7E-09	3.88E-07	3.89E-07	8.44E-09	8.63E-09
1202	UCART1	480059.83	3732052.05	480059.83, 3	4.84E-04	4.40E-03	6.96E-05	9.81E-05	1.1E-07	9.7E-07	1.5E-08	2.2E-08	1.3E-09	3.8E-07	1.8E-10	8.5E-09	3.70E-07	3.71E-07	8.24E-09	8.43E-09
1203	UCART1	480109.83	3732052.05	480109.83, 3	4.72E-04	4.18E-03	6.79E-05	9.59E-05	1.0E-07	9.2E-07	1.5E-08	2.1E-08	1.2E-09	3.6E-07	1.8E-10	8.3E-09	3.51E-07	3.52E-07	8.05E-09	8.23E-09
1204	UCART1	480159.83	3732052.05	480159.83, 3	4.59E-04	3.99E-03	6.60E-05	9.32E-05	1.0E-07	8.8E-07	1.5E-08	2.1E-08	1.2E-09	3.5E-07	1.7E-10	8.1E-09	3.35E-07	3.36E-07	7.83E-09	8.01E-09
1205	UCART1	480209.83	3732052.05	480209.83, 3	4.46E-04	3.67E-03	6.41E-05	9.06E-05	9.8E-08	8.1E-07	1.4E-08	2.0E-08	1.2E-09	3.2E-07	1.7E-10	7.8E-09	3.09E-07	3.10E-07	7.61E-09	7.78E-09
1206	UCART1	480259.83	3732052.05	480259.83, 3	4.32E-04	3.47E-03	6.21E-05	8.85E-05	9.5E-08	7.6E-07	1.4E-08	2.0E-08	1.1E-09	3.0E-07	1.6E-10	7.7E-09	2.91E-07	2.92E-07	7.43E-09	7.60E-09
1207	UCART1	480309.83	3732052.05	480309.83, 3	4.18E-04	3.32E-03	6.01E-05	8.62E-05	9.2E-08	7.3E-07	1.3E-08	1.9E-08	1.1E-09	2.9E-07	1.6E-10	7.5E-09	2.79E-07	2.80E-07	7.24E-09	7.40E-09
1208	UCART1	480359.83	3732052.05	480359.83, 3	4.04E-04	3.19E-03	5.82E-05	8.41E-05	8.9E-08	7.0E-07	1.3E-08	1.9E-08	1.1E-09	2.8E-07	1.5E-10	7.3E-09	2.68E-07	2.69E-07	7.07E-09	7.22E-09
1209	UCART1	480409.83	3732052.05	480409.83, 3	3.91E-04	3.06E-03	5.63E-05	8.24E-05	8.6E-08	6.8E-07	1.2E-08	1.8E-08	1.0E-09	2.7E-07	1.5E-10	7.1E-09	2.57E-07	2.58E-07	6.92E-09	7.07E-09
1210	UCART1	480459.83	3732052.05	480459.83, 3	3.79E-04	2.92E-03	5.45E-05	8.06E-05	8.4E-08	6.4E-07	1.2E-08	1.8E-08	1.0E-09	2.5E-07	1.4E-10	7.0E-09	2.46E-07	2.47E-07	6.77E-09	6.92E-09
1211	UCART1	480509.83	3732052.05	480509.83, 3	3.67E-04	2.81E-03	5.28E-05	7.90E-05	8.1E-08	6.2E-07	1.2E-08	1.7E-08	9.7E-10	2.4E-07	1.4E-10	6.8E-09	2.36E-07	2.37E-07	6.64E-09	6.78E-09
1212	UCART1	480559.83	3732052.05	480559.83, 3	3.56E-04	2.70E-03	5.12E-05	7.75E-05	7.9E-08	6.0E-07	1.1E-08	1.7E-08	9.4E-10	2.3E-07	1.3E-10	6.7E-09	2.27E-07	2.28E-07	6.51E-09	6.64E-09
1213	UCART1	480609.83	3732052.05	480609.83, 3	3.45E-04	2.60E-03	4.97E-05	7.61E-05	7.6E-08	5.7E-07	1

1268	UCART2	481359.83	3732102.05	481359.83, 3	2.66E-04	1.88E-03	3.82E-05	6.61E-05	5.9E-08	4.1E-07	8.4E-09	1.5E-08	7.0E-10	1.6E-07	1.0E-10	5.7E-09	1.58E-07	1.58E-07	5.55E-09	5.65E-09
1269	UCART2	481409.83	3732102.05	481409.83, 3	2.63E-04	1.85E-03	3.78E-05	6.67E-05	5.8E-08	4.1E-07	8.3E-09	1.5E-08	6.9E-10	1.6E-07	1.0E-10	5.8E-09	1.55E-07	1.56E-07	5.60E-09	5.70E-09
1270	UCART2	481459.83	3732102.05	481459.83, 3	2.61E-04	1.82E-03	3.75E-05	6.69E-05	5.8E-08	4.0E-07	8.3E-09	1.5E-08	6.9E-10	1.6E-07	9.9E-11	5.8E-09	1.53E-07	1.54E-07	5.62E-09	5.72E-09
1271	UCART2	481509.83	3732102.05	481509.83, 3	2.59E-04	1.80E-03	3.71E-05	6.78E-05	5.7E-08	4.0E-07	8.2E-09	1.5E-08	6.8E-10	1.6E-07	9.8E-11	5.9E-09	1.51E-07	1.52E-07	5.69E-09	5.79E-09
1272	UCART2	481559.83	3732102.05	481559.83, 3	2.57E-04	1.78E-03	3.69E-05	6.84E-05	5.7E-08	3.9E-07	8.1E-09	1.5E-08	6.8E-10	1.5E-07	9.7E-11	5.9E-09	1.50E-07	1.50E-07	5.75E-09	5.85E-09
1273	UCART2	481609.83	3732102.05	481609.83, 3	2.56E-04	1.76E-03	3.66E-05	6.93E-05	5.6E-08	3.9E-07	8.1E-09	1.5E-08	6.7E-10	1.5E-07	9.6E-11	6.0E-09	1.48E-07	1.48E-07	5.82E-09	5.91E-09
1274	UCART2	481659.83	3732102.05	481659.83, 3	2.54E-04	1.74E-03	3.64E-05	7.01E-05	5.6E-08	3.8E-07	8.0E-09	1.5E-08	6.7E-10	1.5E-07	9.6E-11	6.1E-09	1.46E-07	1.47E-07	5.89E-09	5.98E-09
1275	UCART2	479709.83	3732152.05	479709.83, 3	5.85E-04	5.79E-03	8.41E-05	1.17E-04	1.3E-07	1.3E-06	1.9E-08	2.6E-08	1.5E-09	5.0E-07	2.2E-10	1.0E-08	4.86E-07	4.88E-07	9.86E-09	1.01E-08
1276	UCART2	479759.83	3732152.05	479759.83, 3	5.88E-04	5.89E-03	8.46E-05	1.20E-04	1.3E-07	1.3E-06	1.9E-08	2.6E-08	1.5E-09	5.1E-07	2.2E-10	1.0E-08	4.95E-07	4.96E-07	1.01E-08	1.03E-08
1277	UCART2	479809.83	3732152.05	479809.83, 3	5.88E-04	5.91E-03	8.45E-05	1.21E-04	1.3E-07	1.3E-06	1.9E-08	2.7E-08	1.5E-09	5.1E-07	2.2E-10	1.0E-08	4.96E-07	4.98E-07	1.02E-08	1.04E-08
1278	UCART2	479859.83	3732152.05	479859.83, 3	5.83E-04	5.84E-03	8.39E-05	1.21E-04	1.3E-07	1.3E-06	1.9E-08	2.7E-08	1.5E-09	5.1E-07	2.2E-10	1.0E-08	4.91E-07	4.92E-07	1.02E-08	1.04E-08
1279	UCART2	479909.83	3732152.05	479909.83, 3	5.76E-04	5.70E-03	8.28E-05	1.19E-04	1.3E-07	1.3E-06	1.8E-08	2.6E-08	1.5E-09	4.9E-07	2.2E-10	1.0E-08	4.79E-07	4.80E-07	1.00E-08	1.02E-08
1280	UCART2	479959.83	3732152.05	479959.83, 3	5.65E-04	5.49E-03	8.12E-05	1.17E-04	1.2E-07	1.2E-06	1.8E-08	2.6E-08	1.5E-09	4.8E-07	2.1E-10	1.0E-08	4.61E-07	4.63E-07	9.81E-09	1.00E-08
1281	UCART2	480009.83	3732152.05	480009.83, 3	5.51E-04	5.24E-03	7.92E-05	1.14E-04	1.2E-07	1.2E-06	1.7E-08	2.5E-08	1.5E-09	4.5E-07	2.1E-10	9.8E-09	4.40E-07	4.41E-07	9.54E-09	9.75E-09
1282	UCART2	480059.83	3732152.05	480059.83, 3	5.35E-04	4.94E-03	7.70E-05	1.10E-04	1.2E-07	1.1E-06	1.7E-08	2.4E-08	1.4E-09	4.3E-07	2.0E-10	9.5E-09	4.15E-07	4.17E-07	9.26E-09	9.46E-09
1283	UCART2	480109.83	3732152.05	480109.83, 3	5.18E-04	4.66E-03	7.45E-05	1.06E-04	1.1E-07	1.0E-06	1.6E-08	2.3E-08	1.4E-09	4.0E-07	2.0E-10	9.2E-09	3.91E-07	3.92E-07	8.93E-09	9.13E-09
1284	UCART2	480159.83	3732152.05	480159.83, 3	5.01E-04	4.38E-03	7.20E-05	1.03E-04	1.1E-07	9.7E-07	1.6E-08	2.3E-08	1.3E-09	3.8E-07	1.9E-10	8.9E-09	3.68E-07	3.69E-07	8.66E-09	8.85E-09
1285	UCART2	480209.83	3732152.05	480209.83, 3	4.83E-04	4.00E-03	6.94E-05	9.97E-05	1.1E-07	8.8E-07	1.5E-08	2.2E-08	1.3E-09	3.5E-07	1.8E-10	8.6E-09	3.36E-07	3.37E-07	8.38E-09	8.56E-09
1286	UCART2	480259.83	3732152.05	480259.83, 3	4.65E-04	3.76E-03	6.69E-05	9.66E-05	1.0E-07	8.3E-07	1.5E-08	2.1E-08	1.2E-09	3.3E-07	1.8E-10	8.4E-09	3.16E-07	3.17E-07	8.12E-09	8.30E-09
1287	UCART2	480309.83	3732152.05	480309.83, 3	4.48E-04	3.58E-03	6.44E-05	9.39E-05	9.9E-08	7.9E-07	1.4E-08	2.1E-08	1.2E-09	3.1E-07	1.7E-10	8.1E-09	3.01E-07	3.02E-07	7.89E-09	8.06E-09
1288	UCART2	480359.83	3732152.05	480359.83, 3	4.31E-04	3.42E-03	6.20E-05	9.14E-05	9.5E-08	7.5E-07	1.4E-08	2.0E-08	1.1E-09	3.0E-07	1.6E-10	7.9E-09	2.87E-07	2.88E-07	7.68E-09	7.84E-09
1289	UCART2	480409.83	3732152.05	480409.83, 3	4.15E-04	3.26E-03	5.96E-05	8.90E-05	9.1E-08	7.2E-07	1.3E-08	2.0E-08	1.1E-09	2.8E-07	1.6E-10	7.7E-09	2.74E-07	2.75E-07	7.48E-09	7.63E-09
1290	UCART2	480459.83	3732152.05	480459.83, 3	3.99E-04	3.12E-03	5.74E-05	8.69E-05	8.8E-08	6.9E-07	1.3E-08	1.9E-08	1.1E-09	2.7E-07	1.5E-10	7.5E-09	2.62E-07	2.63E-07	7.30E-09	7.45E-09
1291	UCART2	480509.83	3732152.05	480509.83, 3	3.85E-04	2.98E-03	5.54E-05	8.48E-05	8.5E-08	6.6E-07	1.2E-08	1.9E-08	1.0E-09	2.6E-07	1.5E-10	7.3E-09	2.51E-07	2.52E-07	7.12E-09	7.27E-09
1292	UCART2	480559.83	3732152.05	480559.83, 3	3.72E-04	2.86E-03	5.35E-05	8.32E-05	8.2E-08	6.3E-07	1.2E-08	1.8E-08	9.8E-10	2.5E-07	1.4E-10	7.2E-09	2.40E-07	2.41E-07	6.99E-09	7.13E-09
1293	UCART2	480609.83	3732152.05	480609.83, 3	3.61E-04	2.72E-03	5.18E-05	8.12E-05	8.0E-08	6.0E-07	1.1E-08	1.8E-08	9.5E-10	2.4E-07	1.4E-10	7.0E-09	2.29E-07	2.30E-07	6.82E-09	6.96E-09
1294	UCART2	480659.83	3732152.05	480659.83, 3	3.50E-04	2.63E-03	5.03E-05	7.97E-05	7.7E-08	5.8E-07	1.1E-08	1.8E-08	9.2E-10	2.3E-07	1.3E-10	6.9E-09	2.21E-07	2.22E-07	6.69E-09	6.83E-09
1295	UCART2	480709.83	3732152.05	480709.83, 3	3.40E-04	2.54E-03	4.89E-05	7.83E-05	7.5E-08	5.6E-07	1.1E-08	1.7E-08	9.0E-10	2.2E-07	1.3E-10	6.8E-09	2.14E-07	2.14E-07	6.57E-09	6.70E-09
1296	UCART2	480759.83	3732152.05	480759.83, 3	3.31E-04	2.47E-03	4.76E-05	7.72E-05	7.3E-08	5.4E-07	1.0E-08	1.7E-08	8.7E-10	2.1E-07	1.3E-10	6.7E-09	2.07E-07	2.08E-07	6.48E-09	6.61E-09
1297	UCART2	480809.83	3732152.05	480809.83, 3	3.23E-04	2.40E-03	4.64E-05	7.60E-05	7.1E-08	5.3E-07	1.0E-08	1.7E-08	8.5E-10	2.1E-07	1.2E-10	6.6E-09	2.02E-07	2.02E-07	6.39E-09	6.51E-09
1298	UCART2	480859.83	3732152.05	480859.83, 3	3.16E-04	2.34E-03	4.54E-05	7.50E-05	7.0E-08	5.2E-07	1.0E-08	1.7E-08	8.3E-10	2.0E-07	1.2E-10	6.5E-09	1.96E-07	1.97E-07	6.30E-09	6.42E-09
1299	UCART2	480909.83	3732152.05	480909.83, 3	3.09E-04	2.28E-03	4.44E-05	7.41E-05	6.8E-08	5.0E-07	9.8E-09	1.6E-08	8.1E-10	2.0E-07	1.2E-10	6.4E-09	1.91E-07	1.92E-07	6.22E-09	6.34E-09
1300	UCART2	480959.83	3732152.05	480959.83, 3	3.03E-04	2.23E-03	4.36E-05	7.30E-05	6.7E-08	4.9E-07	9.6E-09	1.6E-08	8.0E-10	1.9E-07	1.1E-10	6.3E-09	1.87E-07	1.88E-07	6.13E-09	6.25E-09
1301	UCART2	481009.83	3732152.05	481009.83, 3	2.98E-04	2.18E-03	4.28E-05	7.19E-05	6.6E-08	4.8E-07	9.4E-09	1.6E-08	7.8E-10	1.9E-07	1.1E-10	6.2E-09	1.83E-07	1.84E-07	6.04E-09	6.15E-09
1302	UCART2	481059.83	3732152.05	481059.83, 3	2.93E-04	2.13E-03	4.21E-05	7.12E-05	6.5E-08	4.7E-07	9.3E-09	1.6E-08	7.7E-10	1.8E-07	1.1E-10	6.2E-09	1.79E-07	1.80E-07	5.98E-09	6.09E-09
1303	UCART2	481109.83	3732152.05	481109.83, 3	2.88E-04	2.10E-03	4.14E-05	7.07E-05	6.4E-08	4.6E-07	9.1E-09	1.6E-08	7.6E-10	1.8E-07	1.1E-10	6.1E-09	1.77E-07	1.77E-07	5.94E-09	6.05E-09
1304	UCART2	481159.83	3732152.05	481159.83, 3	2.84E-04	2.06E-03	4.08E-05	6.94E-05	6.3E-08	4.5E-07	9.0E-09	1.5E-08	7.5E-10	1.8E-07	1.1E-10	6.0E-09	1.73E-07	1.74E-07	5.83E-09	5.94E-09
1305	UCART2	481209.83	3732152.05	481209.83, 3	2.81E-04	2.02E-03	4.03E-05	6.82E-05	6.2E-08	4.5E-07	8.9E-09	1.5E-08	7.4E-10	1.8E-07	1.1E-10	5.9E-09	1.70E-07	1.71E-07	5.73E-09	5.84E-09
1306	UCART2	481259.83	3732152.05	481259.83, 3	2.77E-04	1.99E-03	3.98E-05	6.80E-05	6.1E-08	4.4E-07	8.8E-09	1.5E-08	7.3E-10	1.7E-07	1.0E-10	5.9E-09	1.67E-07	1.68E-07	5.72E-09	5.82E-09
1307	UCART2	481309.83	3732152.05	481309.83, 3	2.74E-04	1.96E-03	3.94E-05	6.85E-05	6.0E-08	4.3E-07	8.7E-09	1.5E-08	7.2E-10	1.7E-07	1.0E-10	5.9E-09	1.65E-07	1.65E-07	5.75E-09	5.86E-09
1308	UCART2	481359.83	3732152.05	481359.83, 3	2.72E-04	1.93E-03	3.90E-05	6.84E-05	6.0E-08	4.3E-07	8.6E-09	1.5E-08	7.2E-10	1.7E-07	1.0E-10	5.9E-09	1.62E-07	1.63E-07	5.75E-09	5.85E-09
1309	UCART2	481409.83	3732152.05	481409.83, 3	2.69E-04	1.91E-03	3.86E-05	6.88E-05	5.9E-08	4.2E-07	8.5E-09	1.5E-08	7.1E-10	1.7E-07	1.0E-10	6.0E-09	1.60E-07	1.61E-07	5.78E-09	5.88E-09
1310	UCART2	481459.83	3732152.05	481459.83, 3	2.67E-04	1.88E-03	3.83E-05	6.95E-05	5.9E-08	4.1E-07	8.4E-09	1.5E-08	7.0E-10	1.6E-07	1.0E-10	6.0E-09	1.58E-07	1.59E-07	5.84E-09	5.94E-09
1311	UCART2	481509.83	3732152.05	481509.83, 3	2.65E-04	1.86E-03	3.80E-05	7.02E-05	5.8E-08	4.1E-07	8.4E-09	1.5E-08	7.0E-10	1.6E-07	1.0E-10	6.1E-09	1.56E-07	1.57E-07	5.90E-09	6.00E-09
1312	UCART2	481559.83	3732152.05	481559.83, 3	2.63E-04	1.84E-03	3.77E-05	7.10E-05	5.8E-08	4.1E-07	8.3E-09	1.6E-08	6.9E-10	1.6E-07	9.9E-11	6.2E-09	1.54E-07	1.55E-07	5.96E-09	6.06E-09
1313	UCART2	481609.83	3732152.05	481609.83, 3	2.61E-04	1.82E-03	3.75E-05	7.19E-05	5.8E-08	4.0E-07	8.3E-09	1.6E-08	6.9E-10	1.6E-07	9.9E-11	6.2E-09	1.53E-07	1.53E-07	6.04E-09	6.14E-09
1314	UCART2	481659.83	3732152.05	481659.83, 3	2.61E-04	1.80E-03	3.73E-05	7.32E-05	5.7E-08	4.0E-07	8.2E-09	1.6E-08	6.9E-10	1.6E-07	9.8E-11	6.3E-09	1.51E-07	1.52E-07	6.15E-09	6.25E-09
1315	UCART2	479709.83	3732202.05	479709.83, 3	6.31E-04	6.32E-03	9.07E-05	1.29E-04	1.4E-07	1.4E-06	2.0E-08	2.8E-08	1.7E-09	5.5E-07	2.4E-10	1.1E-08	5.31E-07	5.33E-07	1.08E-08	1.10E-08
1316	UCART2	479759.83	3732202.05	479759.83, 3	6.34E-04	6.43E-03	9.12E-05	1.32E-04	1.4E-07	1.4E-06	2.0E-08	2.9E-08	1.7E-09	5.6E-07	2.4E-10	1.1E-08	5.40E-07	5.42E-07	1.10E-08	1.13E-08
1317	UCART2	479809.83	3732202.05	479809.83, 3	6.32E-04	6.43E-03	9.08E-05	1.32E-04	1.4E-07	1.4E-06	2.0E-08	2.9E-08	1.7E-09	5.6E-07	2.4E-10	1.1E-08	5.40E-07	5.42E-07	1.11E-08	1.13E-08
1318	UCART2	479859.83	3732202.05	479859.83, 3	6.25E-04	6.34E-03	8.99E-05	1.31E-04	1.4E-07	1.4E-06	2.0E-08	2.9E-08	1.6E-09	5.5E-07	2.4E-10	1.1E-08	5.33E-07	5.34E-07	1.10E-08	1.12E-08
1319	UCART2	479909.83	3732202.05	479909.83, 3	6.15E-04	6.14E-03	8.84E-05	1.29E-04	1.4E-07	1.4E-06	1.9E-08	2.8E-08	1.6E-09	5.3E-07	2.3E-10	1.1E-08	5.16E-07	5.18E-07	1.08E-08	1.10E-08
1320	UCART2	479959.83	3732202.05	479959.83, 3	6.00E-04	5.87E-03	8.63E-05	1.25E-04	1.3E-07	1.3E-06	1.9E-08	2.8E-08	1.6E-09	5.1E-07	2.3E-10	1.1E-08	4.93E-07	4.95E-07	1.05E-08	1.07E-08
1321	UCART2	480009.83	3732202.05	480009.83, 3	5.83E-04	5.53E-03	8.39E-05	1.21E-04	1.3E-07	1.2E-06	1.9E-08	2.7E-08	1.5E-09	4.8E-07	2.2E-10	1.1E-08	4.65E-07	4.66E-07	1.02E-08	1.04E-08
1322	UCART2	480059.83	3732202.05	480059.83, 3	5.65E-04	5.17E-03	8.12E-05	1.17E-04	1.2E-07	1.1E-06	1.8E-08	2.6E-08	1.5E-09	4.5E-07	2.1E-10	1.0E-08	4.34E-07	4.36E-07	9.81E-09	1.00E-08
1323	UCART2	480109.83	3732202.05	480109.83, 3	5.44E-04	4.84E-03	7.83E-05	1.13E-04	1.2E-07	1.1E-06	1.7E-08	2.5E-08	1.4E-09	4.2E-07	2.1E-10	9.7E-09	4.06E-07	4.08E-07	9.45E-09	9.66E-09
1324	UCART2	480159.83	3732202.05	480159.83, 3	5.24E-04	4.40E-03	7.53E-05	1.08E-04	1.2E-07	9.7E-07	1.7E-08	2.4E-08	1.4E-09	3.8E-07	2.0E-10	9.4E-09	3.69E-07	3.71E-07	9.10E-09	9.30E-09
1325	UCART2	480209.83	3732202.05	480209.83, 3	5.02E-04	4.14E-03	7.23E-05	1.05E-04	1.1E-07	9.1E-07	1.6E-08	2.3E-08	1.3E-09	3.6E-07	1.9E-10	9.1E-09	3.47E-07	3.49E-07	8.79E-09	8.98E-09
1326	UCART2	480259.83	3732202.05	480259.83, 3	4.82E-04	3.92E-03	6.94E-05	1.01E-04	1.1E-07	8.6E-07	1.5E-08	2.2E-08	1.3E-09	3.4E-07	1.8E-10	8.8E-09	3.29E-07	3.30E-07	8.49E-09	8.67E-09
1327	UCART2	480309.83	3732202.05	480309.83, 3	4.63E-04	3.72E-03	6.66E-05	9.79E-05	1.0E-07	8.2E-07	1.5E-08	2.2E-08	1.2E-09	3.2E-07	1.8E-10	8.5E-09	3.12E-07	3.13E-07	8.22E-09	8.40E-09
1328	UCART2	480359.83	3732202.05	480359.83, 3	4.44E-04	3.54E-03	6.38E-05	9.49E-05	9.8E-08	7.8E-07	1.4E-08	2.1E-08	1.2E-09	3.1E-07	1.7E-10	8.2E-09	2.97E-07	2.98E-07	7.98E-09	8.14E-09
1329	UCART2	480409.83	3732202.05	480409.83, 3	4.26E-04	3.37E-03	6.13E-05	9.24E-05	9.4E-08	7.4E-07	1.4E-08	2.0E-08	1.1E-09	2.9E-07	1.6E-10	8.0E-09	2.83E-07	2.84E-07	7.77E-09	7.93E-09
1330	UCART2	480459.83	3732202.05	480459.83, 3	4.09E-04	3.22E-03	5.89E-05	8.98E-05	9.0E-08	7.1E-07	1.3E-08	2.0E-08	1.1E-09	2.8E-07	1.6E-10	7.8E-09	2.70E-07	2.71E-07	7.55E-09	7.70E-09
1331	UCART2	480509.83	3732202.05	480509.83, 3	3.94E-04	3.08E-03	5.67E-05	8.77E-05	8.7E-08	6.8E-07	1.3E-08	1.9E-08	1.0E-09	2.7E-07	1.5E-10	7.6E-09	2.58E-07	2.59E-07	7.37E-09	7.52E-09
1332	UCART2	480559.83	3732202.05	480559.83, 3	3.80E-04	2.95E-03	5.47E-05	8.58E-05	8.4E-08	6.5E-07	1.2E-08	1.9E-08	1.0E-09	2.6E-07	1.4E-10	7.4E-09	2.47E-07	2.48E-07	7.20E-09	7.35E-09
1333	UCART2	480609.83	3732202.05	480609.83, 3	3.68E-04	2.80E-03	5.29E-05	8.41E-05	8.1E-08	6.2E-07	1.2E-08	1.9E-08	9.7E-10	2.4E-07	1.4E-10	7.3E-09	2.35E-07	2.36E-07	7.06E-09	7.20E-09
1334	UCART2	480659.83	3732202.05	480659.83, 3	3.57E-04	2.70E-03	5.13E-05	8.25E-05	7.9E-08	6.0E-07	1.1E-08	1.8E-08	9.4E-10	2.3E-07	1.4E-10	7.2E-09	2.27E-07	2.28E-07	6.93E-09	7.07E-09
1335	UCART2	480709.83	3732202.05	480709.83, 3	3.46E-04	2.62E-03	4.98E-05	8.08E-05	7.6E-08	5.8E-07	1.1E-08	1.8E-08	9.1E-10	2.3E-07	1.3E-10	7.0E-09	2.20E-07	2.21E-07	6.79E-09	6.92E-09
1336	UCART2	480759.83	3732202.05	480759.83, 3	3.36E-04	2.54E-03	4.85E-05	7.96E-05	7.4E-08	5.6E-07	1.1E-08	1.8E-08	8.9E-10	2.2E-07	1.3E-10	6.9E-09	2.13E-07	2.14E-07	6.68E-09	6.82E-09
1337	UCART2	480809.83	3732202.05	480809.83, 3	3.29E-04	2.47E-03	4.73E-05	7.85E-05	7.3E-08	5.4E-07	1.0E-08	1.7E-08	8.7E-10	2.1E-07	1.2E-10	6.8E-09	2.07E-07	2.08E-07	6.59E-09	6.72E-09
1338	UCART2	480859.83	3732202.05	480859.83, 3	3.21E-04	2.40E-03	4.62E-05	7.74E-05	7.1E-08	5.3E-07	1.0E-08	1.7E-08	8.5E-10	2.1E-07	1.2E-10	6.7E-09	2.02E-07	2.03E-07	6.50E-09	6.63E-09
1339	UCART2	480909.83	3732202.05	480909.83, 3	3.15E-04	2.34E-03	4.52E-05	7.64E-05	6.9E-08	5.2E-07	1.0E-08	1.7E-08	8.3E-10	2.0E-07	1.2E-10	6.6E-09	1.97E-07	1.97E-07	6.42E-09	6.54E-09
1340	UCART2	480959.83	3732202.05	480959.83, 3	3.09E-04	2.28E-03	4.44E-05	7.54E-05	6.8E-08	5.0E-07	9.8E-09	1.7E-08	8.1E-10	2.0E-07	1.2E-10	6.5E-09	1.92E-07	1.93E-07	6.33E-09	6.45E-09
1341	UCART2	481009.83	3732202.05	481009.83, 3	3.03E-04	2.23E-03	4.36E-05	7.44E-05	6.7E-08	4.9E-07	9.6E-09	1.6E-08	8.0E-10	1.9E-07	1.1E-10	6.4E-09	1.88E-07	1.88E-07	6.25E-09	6.37E-09
1342	UCART2	481059.83	3732202.05	481059.83, 3	2.98E-04	2.19E-03	4.29E-05	7.36E-05	6.6E-08	4.8E-07	9.5E-09	1.6E-08	7.9E-10	1.9E-07	1.1E-10	6.4E-09	1.84E-07	1.85E-07	6.18E-09	6.29E-09
1343	UCART2	481109.83	3732202.05	481109.83, 3	2.94E-04	2.16E-03	4.22E-05	7.27E-05	6.5E-08	4.8E-07	9.3E-09	1.6E-08	7.7E-10	1.9E-07	1.1E-10	6.3E-09	1.81E-07	1.82E-07	6.10E-09	6.22E-09
1344	UCART2	481159.83	3732202.05	481159.83, 3	2.90E-04	2.12E-03	4.16E-05	7.19E-05	6.4E-08	4.7E-07	9.2E-09	1.6E-08	7.6E-10	1.8E-07	1.1E-10	6.2E-09	1.78E-07	1.79E-07	6.04E-09	6.15E-09
1345	UCART2	481209.83	3732202.05	481209.83, 3	2.86E-04	2.08E-03	4.11E-05	7.04E-05	6.3E-08	4.6E-07	9.1E-09	1.6E-08	7.5E-10	1.8E-07	1.1E-10	6.1E-09	1.75E-07	1.76E-07	5.92E-09	6.03E-09
1346	UCART2	481259.83	3732202.05	481259.83, 3	2.83E-04	2.05E-03	4.06E-05	7.04E-05	6.2E-08	4.5E-07	9.0E-09	1.6E-08	7.5E-10	1.8E-07	1.1E-10	6.1E-09	1.72E-07	1.73E-07	5.91E-09	6.02E-09
1347	UCART2	481309.83	3732202.05	481309.83, 3	2.80E-04	2.02E-03	4.02E-05	7.05E-05	6.2E-08	4.5E-07	8.9E-09	1.6E-08	7.4E-10	1.7E-07	1.1E-10	6.1E-09	1.70E-07	1.70E-07	5.92E-09	6.03E-09
1348	UCART2	481359.83	3732202.05	481359.83, 3	2.78E-04	1.99E-03	3.98E-05	7.07E-05	6.1E-08	4.4E-07	8.8E-09	1.6E-08	7.3E-10	1.7E-07	1.0E-10	6.1E-09	1.67E-07	1.68E-07	5.94E-09	6.04E-09
1349	UCART2	481409.83	3732202.05	481409.83, 3	2.75E-04	1.96E-03	3.95E-05	7.14E-05	6.1E-08	4.3E-07	8.7E-09	1.6E-08	7.3E-10	1.7E-07	1.0E-10	6.2E-09	1.65E-07	1.66E-07	6.00E-09	6.10E-09
1350	UCART2	481459.83	3732202.05	481459.83, 3	2.73E-04	1.94E-03	3.92E-05	7.22E-05	6.0E-08	4.3E-07	8.6E-09	1.6E-08	7.2E-10	1.7E-07	1.0E-10	6.3E-09	1.63E-07	1.64E-07	6.07E-09	6.17E-09
1351	UCART2	481509.83	3732202.05	481509.83, 3	2.72E-04	1.92E-03	3.89E-05	7.29E-05	6.0E-08	4.2E-07	8.6E-09	1.6E-08	7.2E-10	1.7E-07	1.0E-10	6.3E-09	1.61E-07	1.62E-07	6.12E-09	6.22E-09
1352	UCART2	481559.83	3732202.05	481559.83, 3	2.70E-04	1.90E-03	3.87E-05	7.40E-05	6.0E-08	4.2E-07	8.5E-09	1.6E-08	7.1E-10	1.6E-07	1.0E-10	6.4E-09	1.59E-07	1.60E-07	6.22E-09	6.32E-09
1353	UCART2	481609.83	3732202.05	481609.83, 3	2.69E-04	1.88E-03	3.85E-05	7.51E-05	5.9E-08	4.1E-07	8.5E-09	1.7E-08	7.1E-10	1.6E-07	1.0E-10	6.5E-09	1.58E-07	1.58E-07	6.31E-09	6.41E-09
1354	UCART2	481659.83	3732202.05	481659.83, 3	2.68E-04	1.86E-03	3.83E-05	7.63E-05	5.9E-08	4.1E-07	8.4E-09	1.7E-08	7.0E-10	1.6E-07	1.0E-10	6.6E-09	1.56E-07	1.57E-07	6.41E-09	6.51E-09
1355	UCART2	479709.83	3732252.05	479709.83, 3	6.86E-04	6.95E-03	9.86E-05	1.42E-04	1.5E-07	1.5E-06

1410	UCART2	480459.83	3732302.05	480459.83, 3	4.29E-04	3.42E-03	6.18E-05	9.68E-05	9.5E-08	7.5E-07	1.4E-08	2.1E-08	1.1E-09	3.0E-07	1.6E-10	8.4E-09	2.88E-07	2.89E-07	8.13E-09	8.30E-09
1411	UCART2	480509.83	3732302.05	480509.83, 3	4.12E-04	3.26E-03	5.93E-05	9.40E-05	9.1E-08	7.2E-07	1.3E-08	2.1E-08	1.1E-09	2.8E-07	1.6E-10	8.1E-09	2.74E-07	2.75E-07	7.90E-09	8.05E-09
1412	UCART2	480559.83	3732302.05	480559.83, 3	3.96E-04	3.09E-03	5.70E-05	9.18E-05	8.7E-08	6.8E-07	1.3E-08	2.0E-08	1.0E-09	2.7E-07	1.5E-10	8.0E-09	2.60E-07	2.61E-07	7.71E-09	7.86E-09
1413	UCART2	480609.83	3732302.05	480609.83, 3	3.83E-04	2.97E-03	5.50E-05	8.97E-05	8.4E-08	6.5E-07	1.2E-08	2.0E-08	1.0E-09	2.6E-07	1.4E-10	7.8E-09	2.49E-07	2.50E-07	7.54E-09	7.68E-09
1414	UCART2	480659.83	3732302.05	480659.83, 3	3.70E-04	2.86E-03	5.32E-05	8.81E-05	8.2E-08	6.3E-07	1.2E-08	1.9E-08	9.7E-10	2.5E-07	1.4E-10	7.6E-09	2.40E-07	2.41E-07	7.40E-09	7.54E-09
1415	UCART2	480709.83	3732302.05	480709.83, 3	3.59E-04	2.76E-03	5.16E-05	8.61E-05	7.9E-08	6.1E-07	1.1E-08	1.9E-08	9.5E-10	2.4E-07	1.4E-10	7.5E-09	2.32E-07	2.33E-07	7.24E-09	7.37E-09
1416	UCART2	480759.83	3732302.05	480759.83, 3	3.49E-04	2.68E-03	5.02E-05	8.48E-05	7.7E-08	5.9E-07	1.1E-08	1.9E-08	9.2E-10	2.3E-07	1.3E-10	7.3E-09	2.25E-07	2.26E-07	7.12E-09	7.26E-09
1417	UCART2	480809.83	3732302.05	480809.83, 3	3.40E-04	2.60E-03	4.90E-05	8.34E-05	7.5E-08	5.7E-07	1.1E-08	1.8E-08	9.0E-10	2.3E-07	1.3E-10	7.2E-09	2.19E-07	2.20E-07	7.01E-09	7.14E-09
1418	UCART2	480859.83	3732302.05	480859.83, 3	3.33E-04	2.53E-03	4.78E-05	8.22E-05	7.3E-08	5.6E-07	1.1E-08	1.8E-08	8.8E-10	2.2E-07	1.3E-10	7.1E-09	2.13E-07	2.14E-07	6.91E-09	7.03E-09
1419	UCART2	480909.83	3732302.05	480909.83, 3	3.26E-04	2.47E-03	4.69E-05	8.12E-05	7.2E-08	5.4E-07	1.0E-08	1.8E-08	8.6E-10	2.1E-07	1.2E-10	7.0E-09	2.07E-07	2.08E-07	6.82E-09	6.95E-09
1420	UCART2	480959.83	3732302.05	480959.83, 3	3.20E-04	2.41E-03	4.60E-05	8.02E-05	7.1E-08	5.3E-07	1.0E-08	1.8E-08	8.4E-10	2.1E-07	1.2E-10	6.9E-09	2.02E-07	2.03E-07	6.74E-09	6.86E-09
1421	UCART2	481009.83	3732302.05	481009.83, 3	3.14E-04	2.36E-03	4.52E-05	7.91E-05	6.9E-08	5.2E-07	1.0E-08	1.7E-08	8.3E-10	2.0E-07	1.2E-10	6.8E-09	1.98E-07	1.99E-07	6.64E-09	6.76E-09
1422	UCART2	481059.83	3732302.05	481059.83, 3	3.10E-04	2.31E-03	4.45E-05	7.84E-05	6.8E-08	5.1E-07	9.8E-09	1.7E-08	8.2E-10	2.0E-07	1.2E-10	6.8E-09	1.94E-07	1.95E-07	6.59E-09	6.70E-09
1423	UCART2	481109.83	3732302.05	481109.83, 3	3.05E-04	2.28E-03	4.38E-05	7.76E-05	6.7E-08	5.0E-07	9.7E-09	1.7E-08	8.0E-10	2.0E-07	1.2E-10	6.7E-09	1.92E-07	1.93E-07	6.52E-09	6.63E-09
1424	UCART2	481159.83	3732302.05	481159.83, 3	3.01E-04	2.24E-03	4.33E-05	7.60E-05	6.6E-08	4.9E-07	9.5E-09	1.7E-08	7.9E-10	1.9E-07	1.1E-10	6.6E-09	1.88E-07	1.89E-07	6.38E-09	6.50E-09
1425	UCART2	481209.83	3732302.05	481209.83, 3	2.98E-04	2.21E-03	4.28E-05	7.53E-05	6.6E-08	4.9E-07	9.4E-09	1.7E-08	7.9E-10	1.9E-07	1.1E-10	6.5E-09	1.85E-07	1.86E-07	6.33E-09	6.44E-09
1426	UCART2	481259.83	3732302.05	481259.83, 3	2.95E-04	2.17E-03	4.24E-05	7.54E-05	6.5E-08	4.8E-07	9.3E-09	1.7E-08	7.8E-10	1.9E-07	1.1E-10	6.5E-09	1.83E-07	1.83E-07	6.34E-09	6.45E-09
1427	UCART2	481309.83	3732302.05	481309.83, 3	2.93E-04	2.14E-03	4.20E-05	7.56E-05	6.5E-08	4.7E-07	9.3E-09	1.7E-08	7.7E-10	1.9E-07	1.1E-10	6.6E-09	1.80E-07	1.81E-07	6.35E-09	6.47E-09
1428	UCART2	481359.83	3732302.05	481359.83, 3	2.91E-04	2.12E-03	4.17E-05	7.60E-05	6.4E-08	4.7E-07	9.2E-09	1.7E-08	7.7E-10	1.8E-07	1.1E-10	6.6E-09	1.78E-07	1.79E-07	6.39E-09	6.50E-09
1429	UCART2	481409.83	3732302.05	481409.83, 3	2.89E-04	2.09E-03	4.14E-05	7.68E-05	6.4E-08	4.6E-07	9.1E-09	1.7E-08	7.6E-10	1.8E-07	1.1E-10	6.7E-09	1.76E-07	1.77E-07	6.45E-09	6.56E-09
1430	UCART2	481459.83	3732302.05	481459.83, 3	2.87E-04	2.07E-03	4.11E-05	7.78E-05	6.3E-08	4.6E-07	9.1E-09	1.7E-08	7.6E-10	1.8E-07	1.1E-10	6.7E-09	1.74E-07	1.75E-07	6.53E-09	6.64E-09
1431	UCART2	481509.83	3732302.05	481509.83, 3	2.86E-04	2.05E-03	4.09E-05	7.92E-05	6.3E-08	4.5E-07	9.0E-09	1.7E-08	7.5E-10	1.8E-07	1.1E-10	6.9E-09	1.72E-07	1.73E-07	6.65E-09	6.76E-09
1432	UCART2	481559.83	3732302.05	481559.83, 3	2.85E-04	2.03E-03	4.08E-05	8.04E-05	6.3E-08	4.5E-07	9.0E-09	1.8E-08	7.5E-10	1.8E-07	1.1E-10	7.0E-09	1.71E-07	1.72E-07	6.75E-09	6.86E-09
1433	UCART2	481609.83	3732302.05	481609.83, 3	2.84E-04	2.02E-03	4.06E-05	8.22E-05	6.3E-08	4.4E-07	9.0E-09	1.8E-08	7.5E-10	1.7E-07	1.1E-10	7.1E-09	1.69E-07	1.70E-07	6.91E-09	7.01E-09
1434	UCART2	481659.83	3732302.05	481659.83, 3	2.83E-04	2.00E-03	4.05E-05	8.38E-05	6.2E-08	4.4E-07	8.9E-09	1.8E-08	7.5E-10	1.7E-07	1.1E-10	7.3E-09	1.68E-07	1.69E-07	7.04E-09	7.15E-09
1435	UCART2	479709.83	3732352.05	479709.83, 3	8.25E-04	8.51E-03	1.19E-04	1.77E-04	1.8E-07	1.9E-06	2.6E-08	3.9E-08	2.2E-09	7.4E-07	3.1E-10	1.5E-08	7.15E-07	7.17E-07	1.49E-08	1.52E-08
1436	UCART2	479759.83	3732352.05	479759.83, 3	8.20E-04	8.56E-03	1.18E-04	1.77E-04	1.8E-07	1.9E-06	2.6E-08	3.9E-08	2.2E-09	7.4E-07	3.1E-10	1.5E-08	7.19E-07	7.21E-07	1.49E-08	1.52E-08
1437	UCART2	479809.83	3732352.05	479809.83, 3	8.06E-04	8.43E-03	1.16E-04	1.75E-04	1.8E-07	1.9E-06	2.6E-08	3.9E-08	2.1E-09	7.3E-07	3.1E-10	1.5E-08	7.08E-07	7.10E-07	1.47E-08	1.50E-08
1438	UCART2	479859.83	3732352.05	479859.83, 3	7.85E-04	8.13E-03	1.13E-04	1.70E-04	1.7E-07	1.8E-06	2.5E-08	3.7E-08	2.1E-09	7.0E-07	3.0E-10	1.5E-08	6.83E-07	6.85E-07	1.43E-08	1.46E-08
1439	UCART2	479909.83	3732352.05	479909.83, 3	7.59E-04	7.71E-03	1.09E-04	1.63E-04	1.7E-07	1.7E-06	2.4E-08	3.6E-08	2.0E-09	6.7E-07	2.9E-10	1.4E-08	6.48E-07	6.50E-07	1.37E-08	1.40E-08
1440	UCART2	479959.83	3732352.05	479959.83, 3	7.28E-04	7.22E-03	1.05E-04	1.56E-04	1.6E-07	1.6E-06	2.3E-08	3.4E-08	1.9E-09	6.3E-07	2.8E-10	1.3E-08	6.07E-07	6.09E-07	1.31E-08	1.33E-08
1441	UCART2	480009.83	3732352.05	480009.83, 3	6.94E-04	6.69E-03	9.98E-05	1.48E-04	1.5E-07	1.5E-06	2.2E-08	3.3E-08	1.8E-09	5.8E-07	2.6E-10	1.3E-08	5.62E-07	5.64E-07	1.24E-08	1.27E-08
1442	UCART2	480059.83	3732352.05	480059.83, 3	6.60E-04	6.16E-03	9.49E-05	1.40E-04	1.5E-07	1.4E-06	2.1E-08	3.1E-08	1.7E-09	5.3E-07	2.5E-10	1.2E-08	5.17E-07	5.19E-07	1.18E-08	1.20E-08
1443	UCART2	480109.83	3732352.05	480109.83, 3	6.26E-04	5.67E-03	9.00E-05	1.33E-04	1.4E-07	1.3E-06	2.0E-08	2.9E-08	1.6E-09	4.9E-07	2.4E-10	1.2E-08	4.76E-07	4.78E-07	1.12E-08	1.14E-08
1444	UCART2	480159.83	3732352.05	480159.83, 3	5.93E-04	5.24E-03	8.53E-05	1.27E-04	1.3E-07	1.2E-06	1.9E-08	2.8E-08	1.6E-09	4.5E-07	2.2E-10	1.1E-08	4.40E-07	4.41E-07	1.06E-08	1.09E-08
1445	UCART2	480209.83	3732352.05	480209.83, 3	5.62E-04	4.77E-03	8.09E-05	1.21E-04	1.2E-07	1.1E-06	1.8E-08	2.7E-08	1.5E-09	4.1E-07	2.1E-10	1.0E-08	4.01E-07	4.02E-07	1.01E-08	1.04E-08
1446	UCART2	480259.83	3732352.05	480259.83, 3	5.34E-04	4.44E-03	7.68E-05	1.16E-04	1.2E-07	9.8E-07	1.7E-08	2.5E-08	1.4E-09	3.8E-07	2.0E-10	1.0E-08	3.73E-07	3.75E-07	9.70E-09	9.91E-09
1447	UCART2	480309.83	3732352.05	480309.83, 3	5.07E-04	4.18E-03	7.30E-05	1.11E-04	1.1E-07	9.2E-07	1.6E-08	2.4E-08	1.3E-09	3.6E-07	1.9E-10	9.6E-09	3.51E-07	3.52E-07	9.32E-09	9.51E-09
1448	UCART2	480359.83	3732352.05	480359.83, 3	4.82E-04	3.93E-03	6.94E-05	1.07E-04	1.1E-07	8.7E-07	1.5E-08	2.4E-08	1.3E-09	3.4E-07	1.8E-10	9.3E-09	3.30E-07	3.32E-07	8.99E-09	9.17E-09
1449	UCART2	480409.83	3732352.05	480409.83, 3	4.60E-04	3.72E-03	6.61E-05	1.03E-04	1.0E-07	8.2E-07	1.5E-08	2.3E-08	1.2E-09	3.2E-07	1.7E-10	9.0E-09	3.12E-07	3.14E-07	8.68E-09	8.85E-09
1450	UCART2	480459.83	3732352.05	480459.83, 3	4.39E-04	3.53E-03	6.32E-05	1.00E-04	9.7E-08	7.8E-07	1.4E-08	2.2E-08	1.2E-09	3.1E-07	1.7E-10	8.7E-09	2.96E-07	2.97E-07	8.41E-09	8.57E-09
1451	UCART2	480509.83	3732352.05	480509.83, 3	4.21E-04	3.34E-03	6.06E-05	9.72E-05	9.3E-08	7.4E-07	1.3E-08	2.1E-08	1.1E-09	2.9E-07	1.6E-10	8.4E-09	2.80E-07	2.81E-07	8.17E-09	8.33E-09
1452	UCART2	480559.83	3732352.05	480559.83, 3	4.04E-04	3.18E-03	5.82E-05	9.47E-05	8.9E-08	7.0E-07	1.3E-08	2.1E-08	1.1E-09	2.8E-07	1.5E-10	8.2E-09	2.67E-07	2.68E-07	7.96E-09	8.11E-09
1453	UCART2	480609.83	3732352.05	480609.83, 3	3.90E-04	3.05E-03	5.61E-05	9.26E-05	8.6E-08	6.7E-07	1.2E-08	2.0E-08	1.0E-09	2.6E-07	1.5E-10	8.0E-09	2.56E-07	2.58E-07	7.78E-09	7.92E-09
1454	UCART2	480659.83	3732352.05	480659.83, 3	3.77E-04	2.94E-03	5.42E-05	9.07E-05	8.3E-08	6.5E-07	1.2E-08	2.0E-08	9.9E-10	2.5E-07	1.4E-10	7.9E-09	2.47E-07	2.48E-07	7.62E-09	7.77E-09
1455	UCART2	480709.83	3732352.05	480709.83, 3	3.65E-04	2.84E-03	5.26E-05	8.93E-05	8.1E-08	6.3E-07	1.2E-08	2.0E-08	9.6E-10	2.5E-07	1.4E-10	7.7E-09	2.39E-07	2.40E-07	7.50E-09	7.64E-09
1456	UCART2	480759.83	3732352.05	480759.83, 3	3.55E-04	2.75E-03	5.11E-05	8.75E-05	7.8E-08	6.1E-07	1.1E-08	1.9E-08	9.4E-10	2.4E-07	1.3E-10	7.6E-09	2.31E-07	2.32E-07	7.35E-09	7.48E-09
1457	UCART2	480809.83	3732352.05	480809.83, 3	3.46E-04	2.67E-03	4.99E-05	8.63E-05	7.6E-08	5.9E-07	1.1E-08	1.9E-08	9.1E-10	2.3E-07	1.3E-10	7.5E-09	2.25E-07	2.26E-07	7.25E-09	7.38E-09
1458	UCART2	480859.83	3732352.05	480859.83, 3	3.38E-04	2.60E-03	4.87E-05	8.51E-05	7.5E-08	5.7E-07	1.1E-08	1.9E-08	8.9E-10	2.3E-07	1.3E-10	7.4E-09	2.18E-07	2.19E-07	7.15E-09	7.28E-09
1459	UCART2	480909.83	3732352.05	480909.83, 3	3.32E-04	2.53E-03	4.77E-05	8.38E-05	7.3E-08	5.6E-07	1.1E-08	1.8E-08	8.7E-10	2.2E-07	1.3E-10	7.3E-09	2.13E-07	2.14E-07	7.04E-09	7.16E-09
1460	UCART2	480959.83	3732352.05	480959.83, 3	3.26E-04	2.47E-03	4.68E-05	8.25E-05	7.2E-08	5.5E-07	1.0E-08	1.8E-08	8.6E-10	2.1E-07	1.2E-10	7.1E-09	2.08E-07	2.09E-07	6.93E-09	7.06E-09
1461	UCART2	481009.83	3732352.05	481009.83, 3	3.20E-04	2.42E-03	4.60E-05	8.15E-05	7.1E-08	5.3E-07	1.0E-08	1.8E-08	8.4E-10	2.1E-07	1.2E-10	7.1E-09	2.03E-07	2.04E-07	6.85E-09	6.97E-09
1462	UCART2	481059.83	3732352.05	481059.83, 3	3.15E-04	2.39E-03	4.53E-05	8.10E-05	7.0E-08	5.3E-07	1.0E-08	1.8E-08	8.3E-10	2.1E-07	1.2E-10	7.0E-09	2.01E-07	2.02E-07	6.81E-09	6.93E-09
1463	UCART2	481109.83	3732352.05	481109.83, 3	3.11E-04	2.35E-03	4.47E-05	8.05E-05	6.9E-08	5.2E-07	9.9E-09	1.8E-08	8.2E-10	2.0E-07	1.2E-10	7.0E-09	1.97E-07	1.98E-07	6.76E-09	6.88E-09
1464	UCART2	481159.83	3732352.05	481159.83, 3	3.08E-04	2.31E-03	4.42E-05	7.95E-05	6.8E-08	5.1E-07	9.7E-09	1.8E-08	8.1E-10	2.0E-07	1.2E-10	6.9E-09	1.94E-07	1.95E-07	6.68E-09	6.79E-09
1465	UCART2	481209.83	3732352.05	481209.83, 3	3.05E-04	2.27E-03	4.37E-05	7.81E-05	6.7E-08	5.0E-07	9.6E-09	1.7E-08	8.0E-10	2.0E-07	1.2E-10	6.8E-09	1.91E-07	1.92E-07	6.56E-09	6.68E-09
1466	UCART2	481259.83	3732352.05	481259.83, 3	3.02E-04	2.24E-03	4.33E-05	7.82E-05	6.7E-08	4.9E-07	9.6E-09	1.7E-08	8.0E-10	1.9E-07	1.1E-10	6.8E-09	1.88E-07	1.89E-07	6.57E-09	6.68E-09
1467	UCART2	481309.83	3732352.05	481309.83, 3	3.00E-04	2.21E-03	4.30E-05	7.86E-05	6.6E-08	4.9E-07	9.5E-09	1.7E-08	7.9E-10	1.9E-07	1.1E-10	6.8E-09	1.86E-07	1.87E-07	6.60E-09	6.71E-09
1468	UCART2	481359.83	3732352.05	481359.83, 3	2.98E-04	2.19E-03	4.27E-05	7.91E-05	6.6E-08	4.8E-07	9.4E-09	1.7E-08	7.8E-10	1.9E-07	1.1E-10	6.9E-09	1.84E-07	1.85E-07	6.64E-09	6.76E-09
1469	UCART2	481409.83	3732352.05	481409.83, 3	2.96E-04	2.17E-03	4.24E-05	8.02E-05	6.5E-08	4.8E-07	9.4E-09	1.8E-08	7.8E-10	1.9E-07	1.1E-10	6.9E-09	1.82E-07	1.83E-07	6.74E-09	6.85E-09
1470	UCART2	481459.83	3732352.05	481459.83, 3	2.95E-04	2.15E-03	4.22E-05	8.11E-05	6.5E-08	4.7E-07	9.3E-09	1.8E-08	7.8E-10	1.9E-07	1.1E-10	7.0E-09	1.80E-07	1.81E-07	6.82E-09	6.93E-09
1471	UCART2	481509.83	3732352.05	481509.83, 3	2.94E-04	2.13E-03	4.21E-05	8.30E-05	6.5E-08	4.7E-07	9.3E-09	1.8E-08	7.7E-10	1.8E-07	1.1E-10	7.2E-09	1.79E-07	1.79E-07	6.97E-09	7.08E-09
1472	UCART2	481559.83	3732352.05	481559.83, 3	2.93E-04	2.11E-03	4.20E-05	8.45E-05	6.5E-08	4.7E-07	9.3E-09	1.9E-08	7.7E-10	1.8E-07	1.1E-10	7.3E-09	1.77E-07	1.78E-07	7.10E-09	7.21E-09
1473	UCART2	481609.83	3732352.05	481609.83, 3	2.92E-04	2.09E-03	4.19E-05	8.64E-05	6.4E-08	4.6E-07	9.2E-09	1.9E-08	7.7E-10	1.8E-07	1.1E-10	7.5E-09	1.76E-07	1.77E-07	7.26E-09	7.37E-09
1474	UCART2	481659.83	3732352.05	481659.83, 3	2.92E-04	2.08E-03	4.18E-05	8.85E-05	6.4E-08	4.6E-07	9.2E-09	2.0E-08	7.7E-10	1.8E-07	1.1E-10	7.7E-09	1.75E-07	1.76E-07	7.44E-09	7.55E-09
1475	UCART2	479709.83	3732402.05	479709.83, 3	9.16E-04	9.52E-03	1.32E-04	1.99E-04	2.0E-07	2.1E-06	2.9E-08	4.4E-08	2.4E-09	8.2E-07	3.5E-10	1.7E-08	8.00E-07	8.02E-07	1.67E-08	1.70E-08
1476	UCART2	479759.83	3732402.05	479759.83, 3	9.06E-04	9.49E-03	1.30E-04	1.98E-04	2.0E-07	2.1E-06	2.9E-08	4.4E-08	2.4E-09	8.2E-07	3.4E-10	1.7E-08	7.97E-07	8.00E-07	1.67E-08	1.70E-08
1477	UCART2	479809.83	3732402.05	479809.83, 3	8.84E-04	9.25E-03	1.27E-04	1.93E-04	1.9E-07	2.0E-06	2.8E-08	4.3E-08	2.3E-09	8.0E-07	3.4E-10	1.7E-08	7.77E-07	7.79E-07	1.63E-08	1.66E-08
1478	UCART2	479859.83	3732402.05	479859.83, 3	8.62E-04	8.82E-03	1.23E-04	1.86E-04	1.9E-07	1.9E-06	2.7E-08	4.1E-08	2.3E-09	7.6E-07	3.2E-10	1.6E-08	7.41E-07	7.44E-07	1.56E-08	1.59E-08
1479	UCART2	479909.83	3732402.05	479909.83, 3	8.20E-04	8.26E-03	1.18E-04	1.77E-04	1.8E-07	1.8E-06	2.6E-08	3.9E-08	2.2E-09	7.2E-07	3.1E-10	1.5E-08	6.94E-07	6.96E-07	1.49E-08	1.52E-08
1480	UCART2	479959.83	3732402.05	479959.83, 3	7.80E-04	7.61E-03	1.12E-04	1.67E-04	1.7E-07	1.7E-06	2.5E-08	3.7E-08	2.1E-09	6.6E-07	3.0E-10	1.5E-08	6.39E-07	6.41E-07	1.41E-08	1.44E-08
1481	UCART2	480009.83	3732402.05	480009.83, 3	7.38E-04	7.02E-03	1.06E-04	1.58E-04	1.6E-07	1.5E-06	2.3E-08	3.5E-08	1.9E-09	6.1E-07	2.8E-10	1.4E-08	5.90E-07	5.92E-07	1.33E-08	1.36E-08
1482	UCART2	480059.83	3732402.05	480059.83, 3	6.96E-04	6.43E-03	1.00E-04	1.49E-04	1.5E-07	1.4E-06	2.2E-08	3.3E-08	1.8E-09	5.6E-07	2.6E-10	1.3E-08	5.40E-07	5.42E-07	1.25E-08	1.28E-08
1483	UCART2	480109.83	3732402.05	480109.83, 3	6.56E-04	5.91E-03	9.44E-05	1.41E-04	1.4E-07	1.3E-06	2.1E-08	3.1E-08	1.7E-09	5.1E-07	2.5E-10	1.2E-08	4.96E-07	4.98E-07	1.18E-08	1.21E-08
1484	UCART2	480159.83	3732402.05	480159.83, 3	6.18E-04	5.44E-03	8.90E-05	1.33E-04	1.4E-07	1.2E-06	2.0E-08	2.9E-08	1.6E-09	4.7E-07	2.3E-10	1.2E-08	4.57E-07	4.59E-07	1.12E-08	1.14E-08
1485	UCART2	480209.83	3732402.05	480209.83, 3	5.83E-04	4.97E-03	8.39E-05	1.26E-04	1.3E-07	1.1E-06	1.9E-08	2.8E-08	1.5E-09	4.3E-07	2.2E-10	1.1E-08	4.17E-07	4.19E-07	1.06E-08	1.08E-08
1486	UCART2	480259.83	3732402.05	480259.83, 3	5.51E-04	4.63E-03	7.92E-05	1.21E-04	1.2E-07	1.0E-06	1.7E-08	2.7E-08	1.5E-09	4.0E-07	2.1E-10	1.0E-08	3.89E-07	3.90E-07	1.01E-08	1.03E-08
1487	UCART2	480309.83	3732402.05	480309.83, 3	5.21E-04	4.34E-03	7.50E-05	1.16E-04	1.1E-07	9.6E-07	1.7E-08	2.6E-08	1.4E-09	3.8E-07	2.0E-10	1.0E-08	3.64E-07	3.66E-07	9.72E-09	9.92E-09
1488	UCART2	480359.83	3732402.05	480359.83, 3	4.95E-04	4.07E-03	7.12E-05	1.11E-04	1.1E-07	9.0E-07	1.6E-08	2.4E-08	1.3E-09	3.5E-07	1.9E-10	9.6E-09	3.42E-07	3.43E-07	9.32E-09	9.51E-09
1489	UCART2	480409.83	3732402.05	480409.83, 3	4.70E-04	3.84E-03	6.77E-05	1.07E-04	1.0E-07	8.5E-07	1.5E-08	2.4E-08	1.2E-09	3.3E-07	1.8E-10	9.3E-09	3.23E-07	3.24E-07	8.98E-09	9.16E-09
1490	UCART2	480459.83	3732402.05	480459.83, 3	4.49E-04	3.63E-03	6.46E-05	1.04E-04	9.9E-08	8.0E-07	1.4E-08	2.3E-08	1.2E-09	3.1E-07	1.7E-10	9.0E-09	3.05E-07	3.07E-07	8.70E-09	8.87E-09
1491	UCART2	480509.83	3732402.05	480509.83, 3	4.30E-04	3.42E-03	6.18E-05	1.00E-04	9.5E-08	7.6E-07	1.4E-08	2.2E-08	1.1E-09	3.0E-07	1.6E-10	8.7E-09	2.88E-07	2.89E-07	8.44E-09	8.60E-09
1492	UCART2	480559.83	3732402.05	480559.83, 3	4.12E-04	3.28E-03	5.94E-05	9.78E-05	9.1E-08	7.2E-07	1.3E-08	2.2E-08	1.1E-09	2.8E-07	1.6E-10	8.5E-09	2.75E-07	2.76E-07	8.21E-09	8.37E-09
1493	UCART2	480609.83	3732402.05	480609.83, 3	3.97E-04	3.14E-03	5.71E-05	9.56E-05	8.8E-08	6.9E-07	1.3E-08	2.1E-08	1.0E-09	2.7E-07	1.5E-10	8.3E-09	2.64E-07	2.65E-07	8.03E-09	8.18E-09
1494	UCART2	480659.83	3732402.05	480659.83, 3	3.84E-04	3.02E-03	5.52E-05	9.36E-05	8.5E-08	6.7E-07	1.2E-08	2.1E-08	1.0E-09	2.6E-07	1.5E-10	8.1E-09	2.54E-07	2.55E-07	7.86E-09	8.01E-09
1495	UCART2	480709.83	3732402.05	480709.83, 3	3.72E-04	2.92E-03	5.35E-05	9.19E-05	8.2E-08	6.4E-07	1.2E-08	2.0E-08	9.8E-10	2.5E-07	1.4E-10	8.0E-09	2.46E-07	2.47E-07	7.72E-09	7.86E-09
1496	UCART2	480759.83	3732402.05	480759.83, 3	3.62E-04	2.83E-03	5.20E-05	9.04E-05	8.0E-08	6.2E-07	1.1E-08	2.0E-08	9.5E-10	2.5E-07	1.4E-10	7.8E-09	2.38E-07	2.39E-07	7.59E-09	7.73E-09
1497	UCART2	480809.83	3732402.05	480809.83, 3	3.53E-04	2.75E-03	5.07E-05	8.89E-05	7.8E-08	6.1E-07

1552	UCART2	481559.83	3732452.05	481559.83, 3	3.12E-04	2.29E-03	4.47E-05	9.36E-05	6.9E-08	5.0E-07	9.8E-09	2.1E-08	8.2E-10	2.0E-07	1.2E-10	8.1E-09	1.92E-07	1.93E-07	7.86E-09	7.98E-09
1553	UCART2	481609.83	3732452.05	481609.83, 3	3.12E-04	2.27E-03	4.47E-05	9.61E-05	6.9E-08	5.0E-07	9.9E-09	2.1E-08	8.2E-10	2.0E-07	1.2E-10	8.3E-09	1.91E-07	1.92E-07	8.07E-09	8.19E-09
1554	UCART2	481659.83	3732452.05	481659.83, 3	3.13E-04	2.26E-03	4.47E-05	9.91E-05	6.9E-08	5.0E-07	9.9E-09	2.2E-08	8.2E-10	2.0E-07	1.2E-10	8.6E-09	1.90E-07	1.91E-07	8.32E-09	8.44E-09
1555	UCART2	479709.83	3732502.05	479709.83, 3	1.17E-03	1.21E-02	1.68E-04	2.58E-04	2.6E-07	2.7E-06	3.7E-08	5.7E-08	3.1E-09	1.0E-06	4.4E-10	2.2E-08	1.02E-06	1.02E-06	2.16E-08	2.21E-08
1556	UCART2	479759.83	3732502.05	479759.83, 3	1.14E-03	1.16E-02	1.64E-04	2.50E-04	2.5E-07	2.6E-06	3.6E-08	5.5E-08	3.0E-09	1.0E-06	4.3E-10	2.2E-08	9.72E-07	9.75E-07	2.10E-08	2.14E-08
1557	UCART2	479809.83	3732502.05	479809.83, 3	1.09E-03	1.09E-02	1.57E-04	2.39E-04	2.4E-07	2.4E-06	3.5E-08	5.3E-08	2.9E-09	9.4E-07	4.1E-10	2.1E-08	9.14E-07	9.16E-07	2.00E-08	2.05E-08
1558	UCART2	479859.83	3732502.05	479859.83, 3	1.03E-03	1.03E-02	1.48E-04	2.24E-04	2.3E-07	2.3E-06	3.3E-08	4.9E-08	2.7E-09	8.9E-07	3.9E-10	1.9E-08	8.64E-07	8.66E-07	1.88E-08	1.92E-08
1559	UCART2	479909.83	3732502.05	479909.83, 3	9.63E-04	9.39E-03	1.39E-04	2.09E-04	2.1E-07	2.1E-06	3.1E-08	4.6E-08	2.5E-09	8.1E-07	3.6E-10	1.8E-08	7.89E-07	7.92E-07	1.76E-08	1.79E-08
1560	UCART2	479959.83	3732502.05	479959.83, 3	9.02E-04	8.38E-03	1.30E-04	1.94E-04	2.0E-07	1.8E-06	2.9E-08	4.3E-08	2.4E-09	7.3E-07	3.4E-10	1.7E-08	7.04E-07	7.06E-07	1.63E-08	1.66E-08
1561	UCART2	480009.83	3732502.05	480009.83, 3	8.40E-04	7.37E-03	1.21E-04	1.80E-04	1.9E-07	1.6E-06	2.7E-08	4.0E-08	2.2E-09	6.4E-07	3.2E-10	1.6E-08	6.19E-07	6.22E-07	1.51E-08	1.55E-08
1562	UCART2	480059.83	3732502.05	480059.83, 3	7.78E-04	6.82E-03	1.12E-04	1.67E-04	1.7E-07	1.5E-06	2.5E-08	3.7E-08	2.0E-09	5.9E-07	2.9E-10	1.5E-08	5.73E-07	5.75E-07	1.41E-08	1.44E-08
1563	UCART2	480109.83	3732502.05	480109.83, 3	7.21E-04	6.34E-03	1.04E-04	1.56E-04	1.6E-07	1.4E-06	2.3E-08	3.4E-08	1.9E-09	5.5E-07	2.7E-10	1.4E-08	5.32E-07	5.34E-07	1.31E-08	1.34E-08
1564	UCART2	480159.83	3732502.05	480159.83, 3	6.70E-04	5.81E-03	9.64E-05	1.47E-04	1.5E-07	1.3E-06	2.1E-08	3.2E-08	1.8E-09	5.0E-07	2.5E-10	1.3E-08	4.88E-07	4.90E-07	1.23E-08	1.26E-08
1565	UCART2	480209.83	3732502.05	480209.83, 3	6.25E-04	5.37E-03	9.00E-05	1.38E-04	1.4E-07	1.2E-06	2.0E-08	3.0E-08	1.6E-09	4.7E-07	2.4E-10	1.2E-08	4.51E-07	4.53E-07	1.16E-08	1.19E-08
1566	UCART2	480259.83	3732502.05	480259.83, 3	5.85E-04	4.99E-03	8.42E-05	1.30E-04	1.3E-07	1.1E-06	1.9E-08	2.9E-08	1.5E-09	4.3E-07	2.2E-10	1.1E-08	4.19E-07	4.21E-07	1.10E-08	1.12E-08
1567	UCART2	480309.83	3732502.05	480309.83, 3	5.50E-04	4.65E-03	7.92E-05	1.24E-04	1.2E-07	1.0E-06	1.7E-08	2.7E-08	1.4E-09	4.0E-07	2.1E-10	1.1E-08	3.90E-07	3.92E-07	1.04E-08	1.06E-08
1568	UCART2	480359.83	3732502.05	480359.83, 3	5.18E-04	4.35E-03	7.46E-05	1.19E-04	1.1E-07	9.6E-07	1.6E-08	2.6E-08	1.4E-09	3.8E-07	2.0E-10	1.0E-08	3.65E-07	3.67E-07	9.98E-09	1.02E-08
1569	UCART2	480409.83	3732502.05	480409.83, 3	4.91E-04	4.08E-03	7.07E-05	1.14E-04	1.1E-07	9.0E-07	1.6E-08	2.5E-08	1.3E-09	3.5E-07	1.9E-10	9.9E-09	3.43E-07	3.44E-07	9.58E-09	9.77E-09
1570	UCART2	480459.83	3732502.05	480459.83, 3	4.67E-04	3.86E-03	6.72E-05	1.10E-04	1.0E-07	8.5E-07	1.5E-08	2.4E-08	1.2E-09	3.3E-07	1.8E-10	9.6E-09	3.24E-07	3.25E-07	9.28E-09	9.46E-09
1571	UCART2	480509.83	3732502.05	480509.83, 3	4.46E-04	3.63E-03	6.42E-05	1.07E-04	9.8E-08	8.0E-07	1.4E-08	2.4E-08	1.2E-09	3.1E-07	1.7E-10	9.3E-09	3.05E-07	3.06E-07	8.98E-09	9.15E-09
1572	UCART2	480559.83	3732502.05	480559.83, 3	4.27E-04	3.47E-03	6.15E-05	1.04E-04	9.4E-08	7.6E-07	1.4E-08	2.3E-08	1.1E-09	3.0E-07	1.6E-10	9.0E-09	2.91E-07	2.92E-07	8.76E-09	8.92E-09
1573	UCART2	480609.83	3732502.05	480609.83, 3	4.11E-04	3.32E-03	5.92E-05	1.02E-04	9.1E-08	7.3E-07	1.3E-08	2.2E-08	1.1E-09	2.9E-07	1.6E-10	8.8E-09	2.79E-07	2.80E-07	8.56E-09	8.71E-09
1574	UCART2	480659.83	3732502.05	480659.83, 3	3.97E-04	3.19E-03	5.72E-05	9.97E-05	8.8E-08	7.0E-07	1.3E-08	2.2E-08	1.0E-09	2.8E-07	1.5E-10	8.6E-09	2.68E-07	2.69E-07	8.37E-09	8.52E-09
1575	UCART2	480709.83	3732502.05	480709.83, 3	3.85E-04	3.08E-03	5.54E-05	9.80E-05	8.5E-08	6.8E-07	1.2E-08	2.2E-08	1.0E-09	2.7E-07	1.5E-10	8.5E-09	2.59E-07	2.60E-07	8.23E-09	8.37E-09
1576	UCART2	480759.83	3732502.05	480759.83, 3	3.74E-04	2.98E-03	5.38E-05	9.67E-05	8.2E-08	6.6E-07	1.2E-08	2.1E-08	9.8E-10	2.6E-07	1.4E-10	8.4E-09	2.50E-07	2.51E-07	8.13E-09	8.27E-09
1577	UCART2	480809.83	3732502.05	480809.83, 3	3.65E-04	2.89E-03	5.25E-05	9.51E-05	8.0E-08	6.4E-07	1.2E-08	2.1E-08	9.6E-10	2.5E-07	1.4E-10	8.2E-09	2.43E-07	2.44E-07	7.99E-09	8.13E-09
1578	UCART2	480859.83	3732502.05	480859.83, 3	3.57E-04	2.81E-03	5.14E-05	9.40E-05	7.9E-08	6.2E-07	1.1E-08	2.1E-08	9.4E-10	2.4E-07	1.4E-10	8.1E-09	2.36E-07	2.37E-07	7.90E-09	8.03E-09
1579	UCART2	480909.83	3732502.05	480909.83, 3	3.50E-04	2.74E-03	5.03E-05	9.29E-05	7.7E-08	6.0E-07	1.1E-08	2.0E-08	9.2E-10	2.4E-07	1.3E-10	8.0E-09	2.30E-07	2.31E-07	7.80E-09	7.94E-09
1580	UCART2	480959.83	3732502.05	480959.83, 3	3.44E-04	2.68E-03	4.95E-05	9.20E-05	7.6E-08	5.9E-07	1.1E-08	2.0E-08	9.1E-10	2.3E-07	1.3E-10	8.0E-09	2.25E-07	2.26E-07	7.73E-09	7.86E-09
1581	UCART2	481009.83	3732502.05	481009.83, 3	3.39E-04	2.65E-03	4.88E-05	9.08E-05	7.5E-08	5.8E-07	1.1E-08	2.0E-08	8.9E-10	2.3E-07	1.3E-10	7.9E-09	2.23E-07	2.24E-07	7.63E-09	7.76E-09
1582	UCART2	481059.83	3732502.05	481059.83, 3	3.35E-04	2.60E-03	4.82E-05	9.01E-05	7.4E-08	5.7E-07	1.1E-08	2.0E-08	8.8E-10	2.3E-07	1.3E-10	7.8E-09	2.19E-07	2.19E-07	7.57E-09	7.69E-09
1583	UCART2	481109.83	3732502.05	481109.83, 3	3.31E-04	2.56E-03	4.76E-05	8.86E-05	7.3E-08	5.6E-07	1.1E-08	2.0E-08	8.7E-10	2.2E-07	1.3E-10	7.7E-09	2.15E-07	2.16E-07	7.44E-09	7.57E-09
1584	UCART2	481159.83	3732502.05	481159.83, 3	3.29E-04	2.52E-03	4.72E-05	8.82E-05	7.2E-08	5.6E-07	1.0E-08	1.9E-08	8.7E-10	2.2E-07	1.2E-10	7.6E-09	2.12E-07	2.13E-07	7.41E-09	7.53E-09
1585	UCART2	481209.83	3732502.05	481209.83, 3	3.26E-04	2.49E-03	4.69E-05	8.84E-05	7.2E-08	5.5E-07	1.0E-08	1.9E-08	8.6E-10	2.2E-07	1.2E-10	7.7E-09	2.10E-07	2.10E-07	7.43E-09	7.55E-09
1586	UCART2	481259.83	3732502.05	481259.83, 3	3.25E-04	2.47E-03	4.66E-05	8.88E-05	7.2E-08	5.4E-07	1.0E-08	2.0E-08	8.6E-10	2.1E-07	1.2E-10	7.7E-09	2.07E-07	2.08E-07	7.46E-09	7.58E-09
1587	UCART2	481309.83	3732502.05	481309.83, 3	3.24E-04	2.45E-03	4.64E-05	8.94E-05	7.1E-08	5.4E-07	1.0E-08	2.0E-08	8.5E-10	2.1E-07	1.2E-10	7.7E-09	2.06E-07	2.07E-07	7.51E-09	7.63E-09
1588	UCART2	481359.83	3732502.05	481359.83, 3	3.23E-04	2.43E-03	4.63E-05	9.04E-05	7.1E-08	5.4E-07	1.0E-08	2.0E-08	8.5E-10	2.1E-07	1.2E-10	7.8E-09	2.04E-07	2.05E-07	7.59E-09	7.71E-09
1589	UCART2	481409.83	3732502.05	481409.83, 3	3.22E-04	2.42E-03	4.62E-05	9.19E-05	7.1E-08	5.3E-07	1.0E-08	2.0E-08	8.5E-10	2.1E-07	1.2E-10	8.0E-09	2.03E-07	2.04E-07	7.72E-09	7.84E-09
1590	UCART2	481459.83	3732502.05	481459.83, 3	3.22E-04	2.40E-03	4.62E-05	9.37E-05	7.1E-08	5.3E-07	1.0E-08	2.1E-08	8.5E-10	2.1E-07	1.2E-10	8.1E-09	2.02E-07	2.03E-07	7.87E-09	8.00E-09
1591	UCART2	481509.83	3732502.05	481509.83, 3	3.22E-04	2.39E-03	4.62E-05	9.60E-05	7.1E-08	5.3E-07	1.0E-08	2.1E-08	8.5E-10	2.1E-07	1.2E-10	8.3E-09	2.01E-07	2.02E-07	8.06E-09	8.18E-09
1592	UCART2	481559.83	3732502.05	481559.83, 3	3.23E-04	2.39E-03	4.62E-05	9.90E-05	7.1E-08	5.3E-07	1.0E-08	2.2E-08	8.5E-10	2.1E-07	1.2E-10	8.6E-09	2.00E-07	2.01E-07	8.31E-09	8.44E-09
1593	UCART2	481609.83	3732502.05	481609.83, 3	3.24E-04	2.38E-03	4.63E-05	1.02E-04	7.1E-08	5.2E-07	1.0E-08	2.3E-08	8.5E-10	2.1E-07	1.2E-10	8.8E-09	2.00E-07	2.01E-07	8.58E-09	8.70E-09
1594	UCART2	481659.83	3732502.05	481659.83, 3	3.25E-04	2.37E-03	4.64E-05	1.05E-04	7.2E-08	5.2E-07	1.0E-08	2.3E-08	8.5E-10	2.1E-07	1.2E-10	9.1E-09	1.99E-07	2.00E-07	8.85E-09	8.97E-09
1595	UCART2	479709.83	3732552.05	479709.83, 3	1.34E-03	1.37E-02	1.93E-04	2.93E-04	3.0E-07	3.0E-06	4.3E-08	6.5E-08	3.5E-09	1.2E-06	5.1E-10	2.5E-08	1.15E-06	1.15E-06	2.46E-08	2.51E-08
1596	UCART2	479759.83	3732552.05	479759.83, 3	1.29E-03	1.30E-02	1.85E-04	2.81E-04	2.8E-07	2.9E-06	4.1E-08	6.2E-08	3.4E-09	1.1E-06	4.9E-10	2.4E-08	1.09E-06	1.09E-06	2.36E-08	2.41E-08
1597	UCART2	479809.83	3732552.05	479809.83, 3	1.24E-03	1.18E-02	1.76E-04	2.64E-04	2.7E-07	2.6E-06	3.9E-08	5.8E-08	3.2E-09	1.0E-06	4.6E-10	2.3E-08	9.90E-07	9.94E-07	2.22E-08	2.26E-08
1598	UCART2	479859.83	3732552.05	479859.83, 3	1.14E-03	1.09E-02	1.64E-04	2.45E-04	2.5E-07	2.4E-06	3.6E-08	5.4E-08	3.0E-09	9.4E-07	4.3E-10	2.1E-08	9.12E-07	9.15E-07	2.06E-08	2.10E-08
1599	UCART2	479909.83	3732552.05	479909.83, 3	1.05E-03	9.81E-03	1.51E-04	2.26E-04	2.3E-07	2.2E-06	3.3E-08	5.0E-08	2.8E-09	8.5E-07	4.0E-10	2.0E-08	8.24E-07	8.27E-07	1.90E-08	1.94E-08
1600	UCART2	479959.83	3732552.05	479959.83, 3	9.69E-04	8.85E-03	1.39E-04	2.08E-04	2.1E-07	2.0E-06	3.1E-08	4.6E-08	2.6E-09	7.7E-07	3.7E-10	1.8E-08	7.43E-07	7.46E-07	1.75E-08	1.79E-08
1601	UCART2	480009.83	3732552.05	480009.83, 3	8.95E-04	7.75E-03	1.29E-04	1.92E-04	2.0E-07	1.7E-06	2.8E-08	4.2E-08	2.4E-09	6.7E-07	3.4E-10	1.7E-08	6.51E-07	6.54E-07	1.61E-08	1.65E-08
1602	UCART2	480059.83	3732552.05	480059.83, 3	8.21E-04	7.13E-03	1.18E-04	1.78E-04	1.8E-07	1.6E-06	2.6E-08	3.9E-08	2.2E-09	6.2E-07	3.1E-10	1.5E-08	5.99E-07	6.01E-07	1.49E-08	1.52E-08
1603	UCART2	480109.83	3732552.05	480109.83, 3	7.56E-04	6.55E-03	1.09E-04	1.65E-04	1.7E-07	1.4E-06	2.4E-08	3.6E-08	2.0E-09	5.7E-07	2.9E-10	1.4E-08	5.50E-07	5.52E-07	1.38E-08	1.41E-08
1604	UCART2	480159.83	3732552.05	480159.83, 3	6.97E-04	6.05E-03	1.00E-04	1.53E-04	1.5E-07	1.3E-06	2.2E-08	3.4E-08	1.8E-09	5.2E-07	2.6E-10	1.3E-08	5.08E-07	5.10E-07	1.29E-08	1.31E-08
1605	UCART2	480209.83	3732552.05	480209.83, 3	6.46E-04	5.59E-03	9.29E-05	1.44E-04	1.4E-07	1.2E-06	2.0E-08	3.2E-08	1.7E-09	4.8E-07	2.4E-10	1.2E-08	4.69E-07	4.71E-07	1.21E-08	1.23E-08
1606	UCART2	480259.83	3732552.05	480259.83, 3	6.02E-04	5.17E-03	8.66E-05	1.35E-04	1.3E-07	1.1E-06	1.9E-08	3.0E-08	1.6E-09	4.5E-07	2.3E-10	1.2E-08	4.35E-07	4.36E-07	1.14E-08	1.16E-08
1607	UCART2	480309.83	3732552.05	480309.83, 3	5.64E-04	4.81E-03	8.11E-05	1.29E-04	1.2E-07	1.1E-06	1.8E-08	2.8E-08	1.5E-09	4.2E-07	2.1E-10	1.1E-08	4.04E-07	4.05E-07	1.08E-08	1.10E-08
1608	UCART2	480359.83	3732552.05	480359.83, 3	5.30E-04	4.48E-03	7.63E-05	1.22E-04	1.2E-07	9.9E-07	1.7E-08	2.7E-08	1.4E-09	3.9E-07	2.0E-10	1.1E-08	3.77E-07	3.78E-07	1.03E-08	1.05E-08
1609	UCART2	480409.83	3732552.05	480409.83, 3	5.01E-04	4.21E-03	7.21E-05	1.18E-04	1.1E-07	9.3E-07	1.6E-08	2.6E-08	1.3E-09	3.6E-07	1.9E-10	1.0E-08	3.53E-07	3.55E-07	9.88E-09	1.01E-08
1610	UCART2	480459.83	3732552.05	480459.83, 3	4.76E-04	3.97E-03	6.85E-05	1.14E-04	1.0E-07	8.7E-07	1.5E-08	2.5E-08	1.3E-09	3.4E-07	1.8E-10	9.8E-09	3.33E-07	3.34E-07	9.55E-09	9.73E-09
1611	UCART2	480509.83	3732552.05	480509.83, 3	4.54E-04	3.73E-03	6.54E-05	1.10E-04	1.0E-07	8.2E-07	1.4E-08	2.4E-08	1.2E-09	3.2E-07	1.7E-10	9.5E-09	3.14E-07	3.15E-07	9.25E-09	9.42E-09
1612	UCART2	480559.83	3732552.05	480559.83, 3	4.34E-04	3.56E-03	6.26E-05	1.08E-04	9.6E-08	7.9E-07	1.4E-08	2.4E-08	1.1E-09	3.1E-07	1.6E-10	9.3E-09	2.99E-07	3.00E-07	9.03E-09	9.20E-09
1613	UCART2	480609.83	3732552.05	480609.83, 3	4.18E-04	3.41E-03	6.02E-05	1.05E-04	9.2E-08	7.5E-07	1.3E-08	2.3E-08	1.1E-09	3.0E-07	1.6E-10	9.1E-09	2.86E-07	2.87E-07	8.83E-09	8.99E-09
1614	UCART2	480659.83	3732552.05	480659.83, 3	4.03E-04	3.28E-03	5.81E-05	1.03E-04	8.9E-08	7.2E-07	1.3E-08	2.3E-08	1.1E-09	2.8E-07	1.5E-10	8.9E-09	2.75E-07	2.76E-07	8.66E-09	8.81E-09
1615	UCART2	480709.83	3732552.05	480709.83, 3	3.91E-04	3.16E-03	5.63E-05	1.01E-04	8.6E-08	7.0E-07	1.2E-08	2.2E-08	1.0E-09	2.7E-07	1.5E-10	8.8E-09	2.66E-07	2.67E-07	8.53E-09	8.67E-09
1616	UCART2	480759.83	3732552.05	480759.83, 3	3.80E-04	3.06E-03	5.47E-05	9.99E-05	8.4E-08	6.7E-07	1.2E-08	2.2E-08	1.0E-09	2.6E-07	1.4E-10	8.7E-09	2.57E-07	2.58E-07	8.39E-09	8.54E-09
1617	UCART2	480809.83	3732552.05	480809.83, 3	3.71E-04	2.97E-03	5.34E-05	9.84E-05	8.2E-08	6.5E-07	1.2E-08	2.2E-08	9.8E-10	2.6E-07	1.4E-10	8.5E-09	2.49E-07	2.50E-07	8.27E-09	8.41E-09
1618	UCART2	480859.83	3732552.05	480859.83, 3	3.63E-04	2.89E-03	5.23E-05	9.74E-05	8.0E-08	6.4E-07	1.2E-08	2.1E-08	9.6E-10	2.5E-07	1.4E-10	8.4E-09	2.42E-07	2.43E-07	8.18E-09	8.32E-09
1619	UCART2	480909.83	3732552.05	480909.83, 3	3.56E-04	2.81E-03	5.13E-05	9.62E-05	7.9E-08	6.2E-07	1.1E-08	2.1E-08	9.4E-10	2.4E-07	1.4E-10	8.3E-09	2.36E-07	2.37E-07	8.08E-09	8.22E-09
1620	UCART2	480959.83	3732552.05	480959.83, 3	3.50E-04	2.76E-03	5.05E-05	9.52E-05	7.7E-08	6.1E-07	1.1E-08	2.0E-08	9.2E-10	2.4E-07	1.3E-10	8.2E-09	2.32E-07	2.33E-07	8.00E-09	8.13E-09
1621	UCART2	481009.83	3732552.05	481009.83, 3	3.46E-04	2.72E-03	4.98E-05	9.47E-05	7.6E-08	6.0E-07	1.1E-08	2.1E-08	9.1E-10	2.4E-07	1.3E-10	8.2E-09	2.29E-07	2.30E-07	7.95E-09	8.08E-09
1622	UCART2	481059.83	3732552.05	481059.83, 3	3.42E-04	2.68E-03	4.92E-05	9.46E-05	7.5E-08	5.9E-07	1.1E-08	2.1E-08	9.0E-10	2.3E-07	1.3E-10	8.2E-09	2.25E-07	2.26E-07	7.94E-09	8.07E-09
1623	UCART2	481109.83	3732552.05	481109.83, 3	3.39E-04	2.64E-03	4.87E-05	9.21E-05	7.5E-08	5.8E-07	1.1E-08	2.0E-08	8.9E-10	2.3E-07	1.3E-10	8.0E-09	2.22E-07	2.22E-07	7.74E-09	7.87E-09
1624	UCART2	481159.83	3732552.05	481159.83, 3	3.36E-04	2.60E-03	4.84E-05	9.22E-05	7.4E-08	5.7E-07	1.1E-08	2.0E-08	8.9E-10	2.3E-07	1.3E-10	8.0E-09	2.19E-07	2.20E-07	7.75E-09	7.87E-09
1625	UCART2	481209.83	3732552.05	481209.83, 3	3.35E-04	2.58E-03	4.81E-05	9.24E-05	7.4E-08	5.7E-07	1.1E-08	2.0E-08	8.8E-10	2.2E-07	1.3E-10	8.0E-09	2.17E-07	2.17E-07	7.77E-09	7.89E-09
1626	UCART2	481259.83	3732552.05	481259.83, 3	3.33E-04	2.56E-03	4.79E-05	9.28E-05	7.4E-08	5.6E-07	1.1E-08	2.0E-08	8.8E-10	2.2E-07	1.3E-10	8.0E-09	2.15E-07	2.16E-07	7.80E-09	7.92E-09
1627	UCART2	481309.83	3732552.05	481309.83, 3	3.33E-04	2.54E-03	4.78E-05	9.39E-05	7.3E-08	5.6E-07	1.1E-08	2.1E-08	8.8E-10	2.2E-07	1.3E-10	8.1E-09	2.13E-07	2.14E-07	7.89E-09	8.02E-09
1628	UCART2	481359.83	3732552.05	481359.83, 3	3.32E-04	2.52E-03	4.77E-05	9.48E-05	7.3E-08	5.6E-07	1.1E-08	2.1E-08	8.8E-10	2.2E-07	1.3E-10	8.2E-09	2.12E-07	2.13E-07	7.97E-09	8.09E-09
1629	UCART2	481409.83	3732552.05	481409.83, 3	3.32E-04	2.51E-03	4.77E-05	9.65E-05	7.3E-08	5.5E-07	1.1E-08	2.1E-08	8.8E-10	2.2E-07	1.3E-10	8.4E-09	2.11E-07	2.12E-07	8.11E-09	8.24E-09
1630	UCART2	481459.83	3732552.05	481459.83, 3	3.33E-04	2.51E-03	4.77E-05	9.86E-05	7.3E-08	5.5E-07	1.1E-08	2.2E-08	8.8E-10	2.2E-07	1.3E-10	8.5E-09	2.11E-07	2.11E-07	8.29E-09	8.41E-09
1631	UCART2	481509.83	3732552.05	481509.83, 3	3.34E-04	2.50E-03	4.78E-05	1.01E-04	7.4E-08	5.5E-07	1.1E-08	2.2E-08	8.8E-10	2.2E-07	1.3E-10	8.8E-09	2.10E-07	2.11E-07	8.51E-09	8.64E-09
1632	UCART2	481559.83	3732552.05	481559.83, 3	3.34E-04	2.50E-03	4.79E-05	1.05E-04	7.4E-08	5.5E-07	1.1E-08	2.2E-08	8.8E-10	2.2E-07	1.3E-10	9.1E-09	2.10E-07	2.11E-07	8.80E-09	8.93E-09
1633	UCART2	481609.83	3732552.05	481609.83, 3	3.36E-04	2.49E-03	4.81E-05	1.09E-04	7.4E-08	5.5E-07	1.1E-08	2.4E-08	8.9E-10	2.2E-07	1.3E-10	9.4E-09	2.10E-07	2.10E-07	9.13E-09	9.26E-09
1634	UCART2	481659.83	3732552.05	481659.83, 3	3.38E-04	2.49E-03	4.83E-05	1.12E-04	7.5E-08	5.5E-07	1.1E-08	2.5E-08	8.9E-10	2.2E-07	1.3E-10	9.7E-09	2.09E-07	2.10E-07	9.45E-09	9.58E-09
1635	UCART2	479709.83	3732602.05	479709.83, 3	1.55E-03	1.56E-02	2.23E-04	3.34E-04	3.4E-07	3.4E-06	4.9E-08	7.4E-08	4.1E-09	1.3E-06	5.9E-10	2.9E-08	1.31E-06	1.31E-06	2.80E-08	2.86E-08
1636	UCART2	479759.83	3732602.05	479759.83, 3	1.47E-03	1.43E-02	2.12E-04	3.15E-04	3.2E-07	3.2E-06	4.7E-08	7.0E-08	3.9E-09	1.2E-06	5.6E-10	2.7E-08	1.20E-06	1.21E-06	2.65E-08	2.70E-08
1637	UCART2	479809.83	3732602.05	479809.83, 3	1.37E-03	1.29E-02	1.98E-04	2.91E-04	3.0E-07	2.8E-06	4.4E-08	6.4E-08	3.6E-09	1.1E-06	5.2E-10	2.5E-08	1.08E-06	1.09E-06	2.45E-08	2.50E-08
1638	UCART2	479859.83	3732602.05	479859.83, 3	1.26E-03	1.13E-02	1.81E-04	2.67E-04	2.8E-07	2.5E-06	4.0E-08	5.9E-08	3.3E-09	9.8E-07	4.8E-10	2.3E-08	9.46E-07	9.49E-07	2.25E-08	2.29E-08
1639	UCART2	479909.83	3732602.05	479909.83, 3	1.15E-03	1.00E-02	1.66E-04	2.44E-04	2.5E-07	2.2E-06	3

1694	UCART2	480659.83	3732652.05	480659.83, 3	4.17E-04	3.45E-03	6.01E-05	1.10E-04	9.2E-08	7.6E-07	1.3E-08	2.4E-08	1.1E-09	3.0E-07	1.6E-10	9.6E-09	2.90E-07	2.91E-07	9.27E-09	9.43E-09
1695	UCART2	480709.83	3732652.05	480709.83, 3	4.04E-04	3.33E-03	5.82E-05	1.09E-04	8.9E-08	7.3E-07	1.3E-08	2.4E-08	1.1E-09	2.9E-07	1.5E-10	9.4E-09	2.79E-07	2.80E-07	9.14E-09	9.29E-09
1696	UCART2	480759.83	3732652.05	480759.83, 3	3.93E-04	3.21E-03	5.66E-05	1.08E-04	8.7E-08	7.1E-07	1.2E-08	2.4E-08	1.0E-09	2.8E-07	1.5E-10	9.3E-09	2.70E-07	2.71E-07	9.05E-09	9.20E-09
1697	UCART2	480809.83	3732652.05	480809.83, 3	3.83E-04	3.12E-03	5.53E-05	1.06E-04	8.5E-08	6.9E-07	1.2E-08	2.3E-08	1.0E-09	2.7E-07	1.5E-10	9.2E-09	2.62E-07	2.63E-07	8.92E-09	9.06E-09
1698	UCART2	480859.83	3732652.05	480859.83, 3	3.76E-04	3.03E-03	5.42E-05	1.05E-04	8.3E-08	6.7E-07	1.2E-08	2.3E-08	9.9E-10	2.6E-07	1.4E-10	9.1E-09	2.55E-07	2.56E-07	8.81E-09	8.96E-09
1699	UCART2	480909.83	3732652.05	480909.83, 3	3.69E-04	2.99E-03	5.32E-05	1.04E-04	8.1E-08	6.6E-07	1.2E-08	2.3E-08	9.7E-10	2.6E-07	1.4E-10	9.0E-09	2.51E-07	2.52E-07	8.74E-09	8.88E-09
1700	UCART2	480959.83	3732652.05	480959.83, 3	3.64E-04	2.93E-03	5.25E-05	1.04E-04	8.0E-08	6.5E-07	1.2E-08	2.3E-08	9.6E-10	2.5E-07	1.4E-10	9.0E-09	2.46E-07	2.47E-07	8.72E-09	8.86E-09
1701	UCART2	481009.83	3732652.05	481009.83, 3	3.60E-04	2.88E-03	5.19E-05	1.02E-04	7.9E-08	6.3E-07	1.1E-08	2.3E-08	9.5E-10	2.5E-07	1.4E-10	8.9E-09	2.42E-07	2.43E-07	8.60E-09	8.73E-09
1702	UCART2	481059.83	3732652.05	481059.83, 3	3.57E-04	2.84E-03	5.14E-05	1.01E-04	7.9E-08	6.3E-07	1.1E-08	2.2E-08	9.4E-10	2.5E-07	1.4E-10	8.8E-09	2.38E-07	2.39E-07	8.52E-09	8.65E-09
1703	UCART2	481109.83	3732652.05	481109.83, 3	3.55E-04	2.80E-03	5.11E-05	1.01E-04	7.8E-08	6.2E-07	1.1E-08	2.2E-08	9.4E-10	2.4E-07	1.3E-10	8.8E-09	2.35E-07	2.36E-07	8.51E-09	8.65E-09
1704	UCART2	481159.83	3732652.05	481159.83, 3	3.54E-04	2.78E-03	5.09E-05	1.02E-04	7.8E-08	6.1E-07	1.1E-08	2.2E-08	9.3E-10	2.4E-07	1.3E-10	8.8E-09	2.33E-07	2.34E-07	8.55E-09	8.68E-09
1705	UCART2	481209.83	3732652.05	481209.83, 3	3.53E-04	2.76E-03	5.07E-05	1.02E-04	7.8E-08	6.1E-07	1.1E-08	2.3E-08	9.3E-10	2.4E-07	1.3E-10	8.8E-09	2.32E-07	2.33E-07	8.58E-09	8.71E-09
1706	UCART2	481259.83	3732652.05	481259.83, 3	3.53E-04	2.75E-03	5.07E-05	1.03E-04	7.8E-08	6.1E-07	1.1E-08	2.3E-08	9.3E-10	2.4E-07	1.3E-10	8.9E-09	2.31E-07	2.32E-07	8.65E-09	8.78E-09
1707	UCART2	481309.83	3732652.05	481309.83, 3	3.54E-04	2.74E-03	5.07E-05	1.04E-04	7.8E-08	6.0E-07	1.1E-08	2.3E-08	9.3E-10	2.4E-07	1.3E-10	9.0E-09	2.30E-07	2.31E-07	8.73E-09	8.86E-09
1708	UCART2	481359.83	3732652.05	481359.83, 3	3.54E-04	2.74E-03	5.08E-05	1.05E-04	7.8E-08	6.0E-07	1.1E-08	2.3E-08	9.3E-10	2.4E-07	1.3E-10	9.1E-09	2.30E-07	2.31E-07	8.84E-09	8.98E-09
1709	UCART2	481409.83	3732652.05	481409.83, 3	3.56E-04	2.74E-03	5.10E-05	1.07E-04	7.8E-08	6.0E-07	1.1E-08	2.4E-08	9.4E-10	2.4E-07	1.3E-10	9.3E-09	2.30E-07	2.31E-07	9.01E-09	9.14E-09
1710	UCART2	481459.83	3732652.05	481459.83, 3	3.58E-04	2.74E-03	5.13E-05	1.11E-04	7.9E-08	6.1E-07	1.1E-08	2.4E-08	9.4E-10	2.4E-07	1.4E-10	9.6E-09	2.31E-07	2.31E-07	9.29E-09	9.43E-09
1711	UCART2	481509.83	3732652.05	481509.83, 3	3.60E-04	2.75E-03	5.16E-05	1.14E-04	7.9E-08	6.1E-07	1.1E-08	2.5E-08	9.5E-10	2.4E-07	1.4E-10	9.9E-09	2.31E-07	2.32E-07	9.58E-09	9.72E-09
1712	UCART2	481559.83	3732652.05	481559.83, 3	3.63E-04	2.76E-03	5.19E-05	1.19E-04	8.0E-08	6.1E-07	1.1E-08	2.6E-08	9.6E-10	2.4E-07	1.4E-10	1.0E-08	2.32E-07	2.33E-07	9.99E-09	1.01E-08
1713	UCART2	481609.83	3732652.05	481609.83, 3	3.66E-04	2.77E-03	5.23E-05	1.24E-04	8.1E-08	6.1E-07	1.2E-08	2.7E-08	9.6E-10	2.4E-07	1.4E-10	1.1E-08	2.33E-07	2.34E-07	1.04E-08	1.06E-08
1714	UCART2	481659.83	3732652.05	481659.83, 3	3.69E-04	2.78E-03	5.27E-05	1.30E-04	8.1E-08	6.1E-07	1.2E-08	2.9E-08	9.7E-10	2.4E-07	1.4E-10	1.1E-08	2.34E-07	2.34E-07	1.09E-08	1.11E-08
1715	UCART2	479709.83	3732702.05	479709.83, 3	2.17E-03	2.02E-02	1.13E-04	4.31E-04	4.8E-07	4.5E-06	6.9E-08	9.5E-08	5.7E-09	1.7E-06	8.2E-10	3.7E-08	1.70E-06	1.70E-06	3.62E-08	3.70E-08
1716	UCART2	479759.83	3732702.05	479759.83, 3	1.97E-03	1.80E-02	2.83E-04	3.92E-04	4.3E-07	4.0E-06	6.3E-08	8.6E-08	5.2E-09	1.6E-06	7.5E-10	3.4E-08	1.51E-06	1.52E-06	3.29E-08	3.36E-08
1717	UCART2	479809.83	3732702.05	479809.83, 3	1.75E-03	1.57E-02	2.51E-04	3.52E-04	3.8E-07	3.5E-06	5.5E-08	7.8E-08	4.6E-09	1.4E-06	6.6E-10	3.1E-08	1.32E-06	1.33E-06	2.96E-08	3.02E-08
1718	UCART2	479859.83	3732702.05	479859.83, 3	1.54E-03	1.33E-02	2.22E-04	3.15E-04	3.4E-07	2.9E-06	4.9E-08	7.0E-08	4.1E-09	1.2E-06	5.8E-10	2.7E-08	1.12E-06	1.12E-06	2.65E-08	2.71E-08
1719	UCART2	479909.83	3732702.05	479909.83, 3	1.36E-03	1.17E-02	1.96E-04	2.81E-04	3.0E-07	2.6E-06	4.3E-08	6.2E-08	3.6E-09	1.0E-06	5.2E-10	2.4E-08	9.86E-07	9.90E-07	2.36E-08	2.41E-08
1720	UCART2	479959.83	3732702.05	479959.83, 3	1.20E-03	1.04E-02	1.73E-04	2.51E-04	2.6E-07	2.3E-06	3.8E-08	5.5E-08	3.2E-09	9.0E-07	4.5E-10	2.2E-08	8.74E-07	8.77E-07	2.11E-08	2.15E-08
1721	UCART2	480009.83	3732702.05	480009.83, 3	1.06E-03	9.27E-03	1.53E-04	2.26E-04	2.3E-07	2.0E-06	3.4E-08	5.0E-08	2.8E-09	8.0E-07	4.0E-10	2.0E-08	7.79E-07	7.82E-07	1.90E-08	1.94E-08
1722	UCART2	480059.83	3732702.05	480059.83, 3	9.49E-04	8.32E-03	1.37E-04	2.03E-04	2.1E-07	1.8E-06	3.0E-08	4.5E-08	2.5E-09	7.2E-07	3.6E-10	1.8E-08	6.99E-07	7.01E-07	1.71E-08	1.75E-08
1723	UCART2	480109.83	3732702.05	480109.83, 3	8.57E-04	7.47E-03	1.23E-04	1.85E-04	1.9E-07	1.6E-06	2.7E-08	4.1E-08	2.3E-09	6.5E-07	3.2E-10	1.6E-08	6.28E-07	6.30E-07	1.56E-08	1.59E-08
1724	UCART2	480159.83	3732702.05	480159.83, 3	7.77E-04	6.79E-03	1.12E-04	1.70E-04	1.7E-07	1.5E-06	2.5E-08	3.8E-08	2.0E-09	5.9E-07	2.9E-10	1.5E-08	5.70E-07	5.72E-07	1.43E-08	1.46E-08
1725	UCART2	480209.83	3732702.05	480209.83, 3	7.08E-04	6.21E-03	1.02E-04	1.58E-04	1.6E-07	1.4E-06	2.3E-08	3.5E-08	1.9E-09	5.4E-07	2.7E-10	1.4E-08	5.22E-07	5.23E-07	1.33E-08	1.35E-08
1726	UCART2	480259.83	3732702.05	480259.83, 3	6.51E-04	5.71E-03	9.38E-05	1.48E-04	1.4E-07	1.3E-06	2.1E-08	3.3E-08	1.7E-09	4.9E-07	2.5E-10	1.3E-08	4.79E-07	4.81E-07	1.25E-08	1.27E-08
1727	UCART2	480309.83	3732702.05	480309.83, 3	6.03E-04	5.27E-03	8.69E-05	1.40E-04	1.3E-07	1.2E-06	1.9E-08	3.1E-08	1.6E-09	4.6E-07	2.3E-10	1.2E-08	4.43E-07	4.44E-07	1.18E-08	1.20E-08
1728	UCART2	480359.83	3732702.05	480359.83, 3	5.63E-04	4.89E-03	8.11E-05	1.34E-04	1.2E-07	1.1E-06	1.8E-08	3.0E-08	1.5E-09	4.2E-07	2.1E-10	1.2E-08	4.11E-07	4.12E-07	1.13E-08	1.15E-08
1729	UCART2	480409.83	3732702.05	480409.83, 3	5.29E-04	4.57E-03	7.63E-05	1.29E-04	1.2E-07	1.0E-06	1.7E-08	2.8E-08	1.4E-09	4.0E-07	2.0E-10	1.1E-08	3.84E-07	3.85E-07	1.08E-08	1.10E-08
1730	UCART2	480459.83	3732702.05	480459.83, 3	5.01E-04	4.28E-03	7.22E-05	1.24E-04	1.1E-07	9.4E-07	1.6E-08	2.7E-08	1.3E-09	3.7E-07	1.9E-10	1.1E-08	3.59E-07	3.61E-07	1.04E-08	1.06E-08
1731	UCART2	480509.83	3732702.05	480509.83, 3	4.76E-04	4.05E-03	6.87E-05	1.21E-04	1.0E-07	8.9E-07	1.5E-08	2.7E-08	1.3E-09	3.5E-07	1.8E-10	1.0E-08	3.40E-07	3.41E-07	1.02E-08	1.04E-08
1732	UCART2	480559.83	3732702.05	480559.83, 3	4.55E-04	3.85E-03	6.56E-05	1.18E-04	1.0E-07	8.5E-07	1.4E-08	2.6E-08	1.2E-09	3.3E-07	1.7E-10	1.0E-08	3.23E-07	3.24E-07	9.94E-09	1.01E-08
1733	UCART2	480609.83	3732702.05	480609.83, 3	4.37E-04	3.68E-03	6.31E-05	1.16E-04	9.6E-08	8.1E-07	1.4E-08	2.6E-08	1.2E-09	3.2E-07	1.7E-10	1.0E-08	3.09E-07	3.10E-07	9.75E-09	9.92E-09
1734	UCART2	480659.83	3732702.05	480659.83, 3	4.23E-04	3.53E-03	6.10E-05	1.14E-04	9.3E-08	7.8E-07	1.3E-08	2.5E-08	1.1E-09	3.1E-07	1.6E-10	9.9E-09	2.97E-07	2.98E-07	9.61E-09	9.77E-09
1735	UCART2	480709.83	3732702.05	480709.83, 3	4.10E-04	3.40E-03	5.91E-05	1.13E-04	9.0E-08	7.5E-07	1.3E-08	2.5E-08	1.1E-09	2.9E-07	1.6E-10	9.8E-09	2.86E-07	2.87E-07	9.48E-09	9.64E-09
1736	UCART2	480759.83	3732702.05	480759.83, 3	3.99E-04	3.29E-03	5.75E-05	1.12E-04	8.8E-08	7.3E-07	1.3E-08	2.5E-08	1.1E-09	2.8E-07	1.5E-10	9.7E-09	2.76E-07	2.77E-07	9.40E-09	9.55E-09
1737	UCART2	480809.83	3732702.05	480809.83, 3	3.90E-04	3.19E-03	5.62E-05	1.10E-04	8.6E-08	7.0E-07	1.2E-08	2.4E-08	1.0E-09	2.8E-07	1.5E-10	9.6E-09	2.68E-07	2.69E-07	9.27E-09	9.42E-09
1738	UCART2	480859.83	3732702.05	480859.83, 3	3.82E-04	3.11E-03	5.51E-05	1.10E-04	8.4E-08	6.9E-07	1.2E-08	2.4E-08	1.0E-09	2.7E-07	1.5E-10	9.5E-09	2.61E-07	2.62E-07	9.21E-09	9.35E-09
1739	UCART2	480909.83	3732702.05	480909.83, 3	3.76E-04	3.07E-03	5.43E-05	1.09E-04	8.3E-08	6.8E-07	1.2E-08	2.4E-08	9.9E-10	2.7E-07	1.4E-10	9.4E-09	2.58E-07	2.59E-07	9.15E-09	9.30E-09
1740	UCART2	480959.83	3732702.05	480959.83, 3	3.72E-04	3.01E-03	5.35E-05	1.08E-04	8.2E-08	6.6E-07	1.2E-08	2.4E-08	9.8E-10	2.6E-07	1.4E-10	9.3E-09	2.53E-07	2.54E-07	9.04E-09	9.18E-09
1741	UCART2	481009.83	3732702.05	481009.83, 3	3.68E-04	2.96E-03	5.30E-05	1.07E-04	8.1E-08	6.5E-07	1.2E-08	2.4E-08	9.7E-10	2.6E-07	1.4E-10	9.2E-09	2.48E-07	2.49E-07	8.96E-09	9.10E-09
1742	UCART2	481059.83	3732702.05	481059.83, 3	3.65E-04	2.92E-03	5.26E-05	1.07E-04	8.1E-08	6.4E-07	1.2E-08	2.4E-08	9.6E-10	2.5E-07	1.4E-10	9.2E-09	2.45E-07	2.46E-07	8.95E-09	9.09E-09
1743	UCART2	481109.83	3732702.05	481109.83, 3	3.64E-04	2.89E-03	5.24E-05	1.07E-04	8.0E-08	6.4E-07	1.2E-08	2.4E-08	9.6E-10	2.5E-07	1.4E-10	9.3E-09	2.43E-07	2.44E-07	8.99E-09	9.13E-09
1744	UCART2	481159.83	3732702.05	481159.83, 3	3.63E-04	2.87E-03	5.22E-05	1.07E-04	8.0E-08	6.3E-07	1.2E-08	2.4E-08	9.6E-10	2.5E-07	1.4E-10	9.3E-09	2.41E-07	2.42E-07	9.00E-09	9.14E-09
1745	UCART2	481209.83	3732702.05	481209.83, 3	3.63E-04	2.86E-03	5.22E-05	1.08E-04	8.0E-08	6.3E-07	1.2E-08	2.4E-08	9.6E-10	2.5E-07	1.4E-10	9.3E-09	2.40E-07	2.41E-07	9.06E-09	9.19E-09
1746	UCART2	481259.83	3732702.05	481259.83, 3	3.64E-04	2.85E-03	5.23E-05	1.09E-04	8.0E-08	6.3E-07	1.2E-08	2.4E-08	9.6E-10	2.5E-07	1.4E-10	9.4E-09	2.40E-07	2.41E-07	9.13E-09	9.27E-09
1747	UCART2	481309.83	3732702.05	481309.83, 3	3.65E-04	2.85E-03	5.24E-05	1.10E-04	8.1E-08	6.3E-07	1.2E-08	2.4E-08	9.6E-10	2.5E-07	1.4E-10	9.5E-09	2.40E-07	2.41E-07	9.21E-09	9.35E-09
1748	UCART2	481359.83	3732702.05	481359.83, 3	3.67E-04	2.86E-03	5.27E-05	1.11E-04	8.1E-08	6.3E-07	1.2E-08	2.5E-08	9.7E-10	2.5E-07	1.4E-10	9.7E-09	2.40E-07	2.41E-07	9.36E-09	9.50E-09
1749	UCART2	481409.83	3732702.05	481409.83, 3	3.70E-04	2.87E-03	5.30E-05	1.14E-04	8.1E-08	6.3E-07	1.2E-08	2.5E-08	9.7E-10	2.5E-07	1.4E-10	9.9E-09	2.41E-07	2.42E-07	9.58E-09	9.72E-09
1750	UCART2	481459.83	3732702.05	481459.83, 3	3.72E-04	2.88E-03	5.33E-05	1.17E-04	8.2E-08	6.4E-07	1.2E-08	2.6E-08	9.8E-10	2.5E-07	1.4E-10	1.0E-08	2.42E-07	2.43E-07	9.86E-09	1.00E-08
1751	UCART2	481509.83	3732702.05	481509.83, 3	3.76E-04	2.90E-03	5.38E-05	1.22E-04	8.3E-08	6.4E-07	1.2E-08	2.7E-08	9.9E-10	2.5E-07	1.4E-10	1.1E-08	2.44E-07	2.45E-07	1.02E-08	1.04E-08
1752	UCART2	481559.83	3732702.05	481559.83, 3	3.79E-04	2.92E-03	5.42E-05	1.27E-04	8.4E-08	6.4E-07	1.2E-08	2.8E-08	1.0E-09	2.5E-07	1.4E-10	1.1E-08	2.45E-07	2.46E-07	1.07E-08	1.08E-08
1753	UCART2	481609.83	3732702.05	481609.83, 3	3.83E-04	2.94E-03	5.48E-05	1.33E-04	8.5E-08	6.5E-07	1.2E-08	2.9E-08	1.0E-09	2.5E-07	1.4E-10	1.2E-08	2.47E-07	2.48E-07	1.12E-08	1.13E-08
1754	UCART2	481659.83	3732702.05	481659.83, 3	3.88E-04	2.95E-03	5.54E-05	1.40E-04	8.6E-08	6.5E-07	1.2E-08	3.1E-08	1.0E-09	2.6E-07	1.5E-10	1.2E-08	2.48E-07	2.49E-07	1.18E-08	1.19E-08
1755	UCART2	479709.83	3732752.05	479709.83, 3	2.64E-03	2.34E-02	3.80E-04	4.85E-04	5.8E-07	5.2E-06	8.4E-08	1.1E-07	7.0E-09	2.0E-06	1.0E-09	4.2E-08	1.97E-06	1.97E-06	4.08E-08	4.18E-08
1756	UCART2	479759.83	3732752.05	479759.83, 3	2.30E-03	2.05E-02	3.32E-04	4.33E-04	5.1E-07	4.5E-06	7.3E-08	9.6E-08	6.1E-09	1.8E-06	8.7E-10	3.8E-08	1.72E-06	1.72E-06	3.64E-08	3.73E-08
1757	UCART2	479809.83	3732752.05	479809.83, 3	1.98E-03	1.74E-02	2.85E-04	3.84E-04	4.4E-07	3.8E-06	6.3E-08	8.5E-08	5.2E-09	1.5E-06	7.5E-10	3.3E-08	1.46E-06	1.47E-06	3.22E-08	3.30E-08
1758	UCART2	479859.83	3732752.05	479859.83, 3	1.69E-03	1.46E-02	2.44E-04	3.37E-04	3.7E-07	3.2E-06	5.4E-08	7.4E-08	4.5E-09	1.3E-06	6.4E-10	2.9E-08	1.23E-06	1.23E-06	2.83E-08	2.89E-08
1759	UCART2	479909.83	3732752.05	479909.83, 3	1.46E-03	1.27E-02	2.11E-04	2.97E-04	3.2E-07	2.8E-06	4.6E-08	6.5E-08	3.9E-09	1.1E-06	5.6E-10	2.6E-08	1.07E-06	1.07E-06	2.49E-08	2.55E-08
1760	UCART2	479959.83	3732752.05	479959.83, 3	1.27E-03	1.11E-02	1.83E-04	2.63E-04	2.8E-07	2.5E-06	4.0E-08	5.8E-08	3.4E-09	9.6E-07	4.8E-10	2.3E-08	9.35E-07	9.38E-07	2.21E-08	2.26E-08
1761	UCART2	480009.83	3732752.05	480009.83, 3	1.12E-03	9.84E-03	1.61E-04	2.35E-04	2.5E-07	2.2E-06	3.5E-08	5.2E-08	2.9E-09	8.5E-07	4.2E-10	2.0E-08	8.26E-07	8.29E-07	1.97E-08	2.01E-08
1762	UCART2	480059.83	3732752.05	480059.83, 3	9.74E-04	8.54E-03	1.42E-04	2.10E-04	2.2E-07	1.9E-06	3.1E-08	4.7E-08	2.6E-09	7.6E-07	3.7E-10	1.8E-08	7.34E-07	7.37E-07	1.77E-08	1.80E-08
1763	UCART2	480109.83	3732752.05	480109.83, 3	8.88E-04	7.72E-03	1.28E-04	1.90E-04	2.0E-07	1.7E-06	2.8E-08	4.2E-08	2.3E-09	6.7E-07	3.4E-10	1.7E-08	6.48E-07	6.50E-07	1.60E-08	1.63E-08
1764	UCART2	480159.83	3732752.05	480159.83, 3	8.02E-04	6.97E-03	1.15E-04	1.75E-04	1.8E-07	1.5E-06	2.5E-08	3.9E-08	2.1E-09	6.0E-07	3.0E-10	1.5E-08	5.85E-07	5.88E-07	1.47E-08	1.50E-08
1765	UCART2	480209.83	3732752.05	480209.83, 3	7.29E-04	6.36E-03	1.05E-04	1.62E-04	1.6E-07	1.4E-06	2.3E-08	3.6E-08	1.9E-09	5.5E-07	2.8E-10	1.4E-08	5.34E-07	5.36E-07	1.36E-08	1.39E-08
1766	UCART2	480259.83	3732752.05	480259.83, 3	6.67E-04	5.88E-03	9.61E-05	1.53E-04	1.5E-07	1.3E-06	2.1E-08	3.4E-08	1.8E-09	5.1E-07	2.5E-10	1.3E-08	4.94E-07	4.96E-07	1.28E-08	1.31E-08
1767	UCART2	480309.83	3732752.05	480309.83, 3	6.16E-04	5.42E-03	8.88E-05	1.44E-04	1.4E-07	1.2E-06	2.0E-08	3.2E-08	1.6E-09	4.7E-07	2.3E-10	1.3E-08	4.55E-07	4.57E-07	1.21E-08	1.24E-08
1768	UCART2	480359.83	3732752.05	480359.83, 3	5.74E-04	5.01E-03	8.28E-05	1.38E-04	1.3E-07	1.1E-06	1.8E-08	3.0E-08	1.5E-09	4.3E-07	2.2E-10	1.2E-08	4.21E-07	4.22E-07	1.16E-08	1.18E-08
1769	UCART2	480409.83	3732752.05	480409.83, 3	5.38E-04	4.67E-03	7.76E-05	1.33E-04	1.2E-07	1.0E-06	1.7E-08	2.9E-08	1.4E-09	4.0E-07	2.0E-10	1.2E-08	3.93E-07	3.94E-07	1.12E-08	1.14E-08
1770	UCART2	480459.83	3732752.05	480459.83, 3	5.08E-04	4.39E-03	7.33E-05	1.28E-04	1.1E-07	9.7E-07	1.6E-08	2.8E-08	1.3E-09	3.8E-07	1.9E-10	1.1E-08	3.69E-07	3.70E-07	1.08E-08	1.10E-08
1771	UCART2	480509.83	3732752.05	480509.83, 3	4.83E-04	4.15E-03	6.97E-05	1.25E-04	1.1E-07	9.2E-07	1.5E-08	2.8E-08	1.3E-09	3.6E-07	1.8E-10	1.1E-08	3.49E-07	3.50E-07	1.05E-08	1.07E-08
1772	UCART2	480559.83	3732752.05	480559.83, 3	4.62E-04	3.94E-03	6.66E-05	1.23E-04	1.0E-07	8.7E-07	1.5E-08	2.7E-08	1.2E-09	3.4E-07	1.8E-10	1.1E-08	3.31E-07	3.33E-07	1.03E-08	1.05E-08
1773	UCART2	480609.83	3732752.05	480609.83, 3	4.44E-04	3.77E-03	6.40E-05	1.21E-04	9.8E-08	8.3E-07	1.4E-08	2.7E-08	1.2E-09	3.3E-07	1.7E-10	1.0E-08	3.17E-07	3.18E-07	1.01E-08	1.03E-08
1774	UCART2	480659.83	3732752.05	480659.83, 3	4.29E-04	3.61E-03	6.19E-05	1.19E-04	9.4E-08	8.0E-07	1.4E-08	2.6E-08	1.1E-09	3.1E-07	1.6E-10	1.0E-08	3.04E-07	3.05E-07	9.98E-09	1.01E-08
1775	UCART2	480709.83	3732752.05	480709.83, 3	4.16E-04	3.48E-03	6.00E-05	1.18E-04	9.2E-08	7.7E-07	1.3E-08	2.6E-08	1.1E-09	3.0E-07	1.6E-10	1.0E-08	2.92E-07	2.93E-07	9.88E-09	1.00E-08
1776	UCART2	480759.83	3732752.05	480759.83, 3	4.05E-04	3.36E-03	5.84E-05	1.16E-04	8.9E-08	7.4E-07	1.3E-08	2.6E-08	1.1E-09	2.9E-07	1.5E-10	1.0E-08	2.82E-07	2.83E-07	9.77E-09	9.92E-09
1777	UCART2	480809.83	3732752.05	480809.83, 3	3.96E-04	3.28E-03	5.72E-05	1.15E-04	8.7E-08	7.2E-07	1.3E-08	2.5E-08	1.0E-09	2.8E-07	1.5E-10	1.0E-08	2.75E-07	2.76E-07	9.65E-09	9.80E-09
1778	UCART2	480859.83	3732752.05	480859.83, 3	3.89E-04	3.21E-03	5.61E-05	1.14E-04	8.6E-08	7.1E-07	1.2E-08	2.5E-08	1.0E-09	2.8E-07	1.5E-10	9.9E-09	2.70E-07	2.71E-07	9.61E-09	9.76E-09
1779	UCART2	480909.83	3732752.05	480909.83, 3	3.83E-04	3.14E-03	5.53E-05	1.13E-04	8.5E-08	6.9E-07	1.2E-08	2.5E-08	1.0E-09	2.7E-07	1.5E-10	9.8E-09	2.64E-07	2.65E-07	9.48E-09	9.63E-09
1780	UCART2	480959.83	3732752.05	480959.83, 3	3.79E-04	3.08E-03	5.46E-05	1.12E-04	8.4E-08	6.8E-07	1.2E-08	2.5E-08	1.0E-09	2.7E-07	1.4E-10	9.7E-09	2.59E-07	2.60E-07	9.45E-09	9.59E-09
1781	UCART2	481009.83	3732752.05	481009.83, 3	3.76E-04	3.04E-03	5.42E-05	1.12E-04	8.3E-08	6.7E-07	1

1836	UCART2	479759.83	3732852.05	479759.83, 3	3.32E-03	2.57E-02	4.79E-04	5.10E-04	7.3E-07	5.7E-06	1.1E-07	1.1E-07	8.7E-09	2.2E-06	1.3E-09	4.4E-08	2.16E-06	2.17E-06	4.29E-08	4.41E-08
1837	UCART2	479809.83	3732852.05	479809.83, 3	2.54E-03	2.10E-02	3.66E-04	4.34E-04	5.6E-07	4.6E-06	8.1E-08	9.6E-08	6.7E-09	1.8E-06	9.6E-10	3.8E-08	1.76E-06	1.77E-06	3.65E-08	3.75E-08
1838	UCART2	479859.83	3732852.05	479859.83, 3	2.02E-03	1.74E-02	2.91E-04	3.72E-04	4.5E-07	3.8E-06	6.4E-08	8.2E-08	5.3E-09	1.5E-06	7.7E-10	3.2E-08	1.46E-06	1.47E-06	3.13E-08	3.20E-08
1839	UCART2	479909.83	3732852.05	479909.83, 3	1.66E-03	1.47E-02	2.39E-04	3.21E-04	3.7E-07	3.2E-06	5.3E-08	7.1E-08	4.4E-09	1.3E-06	6.3E-10	2.8E-08	1.24E-06	1.24E-06	2.70E-08	2.76E-08
1840	UCART2	479959.83	3732852.05	479959.83, 3	1.41E-03	1.26E-02	2.03E-04	2.80E-04	3.1E-07	2.8E-06	4.5E-08	6.2E-08	3.7E-09	1.1E-06	5.4E-10	2.4E-08	1.06E-06	1.06E-06	2.36E-08	2.41E-08
1841	UCART2	480009.83	3732852.05	480009.83, 3	1.23E-03	1.09E-02	1.77E-04	2.48E-04	2.7E-07	2.4E-06	3.9E-08	5.5E-08	3.2E-09	9.4E-07	4.7E-10	2.2E-08	9.12E-07	9.15E-07	2.09E-08	2.13E-08
1842	UCART2	480059.83	3732852.05	480059.83, 3	1.07E-03	9.55E-03	1.54E-04	2.23E-04	2.4E-07	2.1E-06	3.4E-08	4.9E-08	2.8E-09	8.3E-07	4.1E-10	1.9E-08	8.02E-07	8.05E-07	1.87E-08	1.91E-08
1843	UCART2	480109.83	3732852.05	480109.83, 3	9.43E-04	8.47E-03	1.36E-04	2.02E-04	2.1E-07	1.9E-06	3.0E-08	4.5E-08	2.5E-09	7.3E-07	3.6E-10	1.7E-08	7.11E-07	7.14E-07	1.70E-08	1.73E-08
1844	UCART2	480159.83	3732852.05	480159.83, 3	8.47E-04	7.51E-03	1.22E-04	1.85E-04	1.9E-07	1.7E-06	2.7E-08	4.1E-08	2.2E-09	6.5E-07	3.2E-10	1.6E-08	6.31E-07	6.33E-07	1.56E-08	1.59E-08
1845	UCART2	480209.83	3732852.05	480209.83, 3	7.65E-04	6.81E-03	1.10E-04	1.73E-04	1.7E-07	1.5E-06	2.4E-08	3.8E-08	2.0E-09	5.9E-07	2.9E-10	1.5E-08	5.72E-07	5.74E-07	1.45E-08	1.48E-08
1846	UCART2	480259.83	3732852.05	480259.83, 3	6.96E-04	6.21E-03	1.00E-04	1.62E-04	1.5E-07	1.4E-06	2.2E-08	3.6E-08	1.8E-09	5.4E-07	2.6E-10	1.4E-08	5.22E-07	5.24E-07	1.36E-08	1.39E-08
1847	UCART2	480309.83	3732852.05	480309.83, 3	6.39E-04	5.71E-03	9.23E-05	1.54E-04	1.4E-07	1.3E-06	2.0E-08	3.4E-08	1.7E-09	4.9E-07	2.4E-10	1.3E-08	4.80E-07	4.81E-07	1.29E-08	1.32E-08
1848	UCART2	480359.83	3732852.05	480359.83, 3	5.93E-04	5.29E-03	8.57E-05	1.48E-04	1.3E-07	1.2E-06	1.9E-08	3.3E-08	1.6E-09	4.6E-07	2.3E-10	1.3E-08	4.44E-07	4.46E-07	1.24E-08	1.26E-08
1849	UCART2	480409.83	3732852.05	480409.83, 3	5.54E-04	4.92E-03	8.00E-05	1.42E-04	1.2E-07	1.1E-06	1.8E-08	3.1E-08	1.5E-09	4.3E-07	2.1E-10	1.2E-08	4.13E-07	4.14E-07	1.19E-08	1.21E-08
1850	UCART2	480459.83	3732852.05	480459.83, 3	5.22E-04	4.61E-03	7.54E-05	1.38E-04	1.2E-07	1.0E-06	1.7E-08	3.0E-08	1.4E-09	4.0E-07	2.0E-10	1.2E-08	3.87E-07	3.89E-07	1.16E-08	1.18E-08
1851	UCART2	480509.83	3732852.05	480509.83, 3	4.96E-04	4.35E-03	7.16E-05	1.35E-04	1.1E-07	9.6E-07	1.6E-08	3.0E-08	1.3E-09	3.8E-07	1.9E-10	1.2E-08	3.66E-07	3.67E-07	1.13E-08	1.15E-08
1852	UCART2	480559.83	3732852.05	480559.83, 3	4.74E-04	4.13E-03	6.85E-05	1.32E-04	1.0E-07	9.1E-07	1.5E-08	2.9E-08	1.2E-09	3.6E-07	1.8E-10	1.1E-08	3.47E-07	3.48E-07	1.11E-08	1.13E-08
1853	UCART2	480609.83	3732852.05	480609.83, 3	4.55E-04	3.93E-03	6.58E-05	1.30E-04	1.0E-07	8.7E-07	1.5E-08	2.9E-08	1.2E-09	3.4E-07	1.7E-10	1.1E-08	3.30E-07	3.31E-07	1.09E-08	1.11E-08
1854	UCART2	480659.83	3732852.05	480659.83, 3	4.39E-04	3.76E-03	6.36E-05	1.28E-04	9.7E-08	8.3E-07	1.4E-08	2.8E-08	1.2E-09	3.3E-07	1.7E-10	1.1E-08	3.16E-07	3.17E-07	1.08E-08	1.09E-08
1855	UCART2	480709.83	3732852.05	480709.83, 3	4.27E-04	3.63E-03	6.17E-05	1.27E-04	9.4E-08	8.0E-07	1.4E-08	2.8E-08	1.1E-09	3.1E-07	1.6E-10	1.1E-08	3.05E-07	3.06E-07	1.07E-08	1.09E-08
1856	UCART2	480759.83	3732852.05	480759.83, 3	4.16E-04	3.51E-03	6.02E-05	1.27E-04	9.2E-08	7.7E-07	1.3E-08	2.8E-08	1.1E-09	3.0E-07	1.6E-10	1.1E-08	2.95E-07	2.96E-07	1.06E-08	1.08E-08
1857	UCART2	480809.83	3732852.05	480809.83, 3	4.08E-04	3.44E-03	5.90E-05	1.26E-04	9.0E-08	7.6E-07	1.3E-08	2.8E-08	1.1E-09	3.0E-07	1.6E-10	1.1E-08	2.89E-07	2.90E-07	1.06E-08	1.07E-08
1858	UCART2	480859.83	3732852.05	480859.83, 3	4.02E-04	3.36E-03	5.81E-05	1.25E-04	8.9E-08	7.4E-07	1.3E-08	2.7E-08	1.1E-09	2.9E-07	1.5E-10	1.1E-08	2.82E-07	2.83E-07	1.05E-08	1.06E-08
1859	UCART2	480909.83	3732852.05	480909.83, 3	3.97E-04	3.29E-03	5.74E-05	1.24E-04	8.8E-08	7.3E-07	1.3E-08	2.7E-08	1.0E-09	2.9E-07	1.5E-10	1.1E-08	2.76E-07	2.78E-07	1.05E-08	1.06E-08
1860	UCART2	480959.83	3732852.05	480959.83, 3	3.94E-04	3.24E-03	5.70E-05	1.25E-04	8.7E-08	7.2E-07	1.3E-08	2.8E-08	1.0E-09	2.8E-07	1.5E-10	1.1E-08	2.72E-07	2.73E-07	1.05E-08	1.07E-08
1861	UCART2	481009.83	3732852.05	481009.83, 3	3.93E-04	3.21E-03	5.67E-05	1.26E-04	8.7E-08	7.1E-07	1.3E-08	2.8E-08	1.0E-09	2.8E-07	1.5E-10	1.1E-08	2.70E-07	2.71E-07	1.06E-08	1.07E-08
1862	UCART2	481059.83	3732852.05	481059.83, 3	3.93E-04	3.19E-03	5.66E-05	1.27E-04	8.7E-08	7.0E-07	1.2E-08	2.8E-08	1.0E-09	2.8E-07	1.5E-10	1.1E-08	2.68E-07	2.69E-07	1.06E-08	1.08E-08
1863	UCART2	481109.83	3732852.05	481109.83, 3	3.94E-04	3.18E-03	5.67E-05	1.28E-04	8.7E-08	7.0E-07	1.3E-08	2.8E-08	1.0E-09	2.8E-07	1.5E-10	1.1E-08	2.67E-07	2.68E-07	1.07E-08	1.09E-08
1864	UCART2	481159.83	3732852.05	481159.83, 3	3.96E-04	3.18E-03	5.70E-05	1.29E-04	8.7E-08	7.0E-07	1.3E-08	2.8E-08	1.0E-09	2.8E-07	1.5E-10	1.1E-08	2.67E-07	2.69E-07	1.08E-08	1.10E-08
1865	UCART2	481209.83	3732852.05	481209.83, 3	3.99E-04	3.20E-03	5.74E-05	1.30E-04	8.8E-08	7.1E-07	1.3E-08	2.9E-08	1.1E-09	2.8E-07	1.5E-10	1.1E-08	2.69E-07	2.70E-07	1.09E-08	1.11E-08
1866	UCART2	481259.83	3732852.05	481259.83, 3	4.03E-04	3.22E-03	5.79E-05	1.31E-04	8.9E-08	7.1E-07	1.3E-08	2.9E-08	1.1E-09	2.8E-07	1.5E-10	1.1E-08	2.71E-07	2.72E-07	1.10E-08	1.12E-08
1867	UCART2	481309.83	3732852.05	481309.83, 3	4.08E-04	3.26E-03	5.86E-05	1.33E-04	9.0E-08	7.2E-07	1.3E-08	2.9E-08	1.1E-09	2.8E-07	1.5E-10	1.2E-08	2.74E-07	2.75E-07	1.12E-08	1.14E-08
1868	UCART2	481359.83	3732852.05	481359.83, 3	4.14E-04	3.30E-03	5.94E-05	1.35E-04	9.1E-08	7.3E-07	1.3E-08	3.0E-08	1.1E-09	2.9E-07	1.6E-10	1.2E-08	2.78E-07	2.79E-07	1.14E-08	1.15E-08
1869	UCART2	481409.83	3732852.05	481409.83, 3	4.21E-04	3.36E-03	6.03E-05	1.39E-04	9.3E-08	7.4E-07	1.3E-08	3.1E-08	1.1E-09	2.9E-07	1.6E-10	1.2E-08	2.82E-07	2.83E-07	1.17E-08	1.18E-08
1870	UCART2	481459.83	3732852.05	481459.83, 3	4.28E-04	3.41E-03	6.13E-05	1.44E-04	9.4E-08	7.5E-07	1.4E-08	3.2E-08	1.1E-09	3.0E-07	1.6E-10	1.2E-08	2.87E-07	2.88E-07	1.21E-08	1.22E-08
1871	UCART2	481509.83	3732852.05	481509.83, 3	4.36E-04	3.47E-03	6.24E-05	1.51E-04	9.6E-08	7.7E-07	1.4E-08	3.3E-08	1.1E-09	3.0E-07	1.6E-10	1.3E-08	2.92E-07	2.93E-07	1.27E-08	1.28E-08
1872	UCART2	481559.83	3732852.05	481559.83, 3	4.45E-04	3.54E-03	6.35E-05	1.60E-04	9.8E-08	7.8E-07	1.4E-08	3.5E-08	1.2E-09	3.1E-07	1.7E-10	1.4E-08	2.97E-07	2.99E-07	1.34E-08	1.36E-08
1873	UCART2	481609.83	3732852.05	481609.83, 3	4.54E-04	3.61E-03	6.48E-05	1.71E-04	1.0E-07	8.0E-07	1.4E-08	3.8E-08	1.2E-09	3.1E-07	1.7E-10	1.5E-08	3.03E-07	3.04E-07	1.43E-08	1.45E-08
1874	UCART2	481659.83	3732852.05	481659.83, 3	4.64E-04	3.67E-03	6.61E-05	1.84E-04	1.0E-07	8.1E-07	1.5E-08	4.1E-08	1.2E-09	3.2E-07	1.7E-10	1.6E-08	3.08E-07	3.10E-07	1.54E-08	1.56E-08
1875	UCART2	479709.83	3732902.05	479709.83, 3	5.83E-03	3.88E-02	8.42E-04	6.54E-04	1.3E-06	8.6E-06	1.9E-07	1.4E-07	1.5E-08	3.4E-06	2.2E-09	5.7E-08	3.26E-06	3.28E-06	5.50E-08	5.72E-08
1876	UCART2	479759.83	3732902.05	479759.83, 3	3.98E-03	2.95E-02	5.75E-04	5.42E-04	8.8E-07	6.5E-06	1.3E-07	1.2E-07	1.0E-08	2.6E-06	1.5E-09	4.7E-08	2.47E-06	2.49E-06	4.55E-08	4.70E-08
1877	UCART2	479809.83	3732902.05	479809.83, 3	2.84E-03	2.32E-02	4.10E-04	4.53E-04	6.3E-07	5.1E-06	9.1E-08	1.0E-07	7.5E-09	2.0E-06	1.1E-09	3.9E-08	1.95E-06	1.95E-06	3.81E-08	3.92E-08
1878	UCART2	479859.83	3732902.05	479859.83, 3	2.20E-03	1.88E-02	3.18E-04	3.85E-04	4.9E-07	4.2E-06	7.0E-08	8.5E-08	5.8E-09	1.6E-06	8.4E-10	3.3E-08	1.58E-06	1.59E-06	3.23E-08	3.32E-08
1879	UCART2	479909.83	3732902.05	479909.83, 3	1.76E-03	1.57E-02	2.53E-04	3.31E-04	3.9E-07	3.5E-06	5.6E-08	7.3E-08	4.6E-09	1.4E-06	6.7E-10	2.9E-08	1.32E-06	1.32E-06	2.78E-08	2.85E-08
1880	UCART2	479959.83	3732902.05	479959.83, 3	1.48E-03	1.33E-02	2.14E-04	2.89E-04	3.3E-07	2.9E-06	4.7E-08	6.4E-08	3.9E-09	1.2E-06	5.6E-10	2.5E-08	1.12E-06	1.12E-06	2.43E-08	2.49E-08
1881	UCART2	480009.83	3732902.05	480009.83, 3	1.24E-03	1.14E-02	1.84E-04	2.56E-04	2.8E-07	2.5E-06	4.1E-08	5.6E-08	3.4E-09	9.9E-07	4.8E-10	2.2E-08	9.57E-07	9.60E-07	2.15E-08	2.20E-08
1882	UCART2	480059.83	3732902.05	480059.83, 3	1.11E-03	9.93E-03	1.59E-04	2.29E-04	2.4E-07	2.2E-06	3.5E-08	5.0E-08	2.9E-09	8.6E-07	4.2E-10	2.0E-08	8.34E-07	8.37E-07	1.92E-08	1.97E-08
1883	UCART2	480109.83	3732902.05	480109.83, 3	9.71E-04	8.75E-03	1.40E-04	2.08E-04	2.1E-07	1.9E-06	3.1E-08	4.6E-08	2.6E-09	7.6E-07	3.7E-10	1.8E-08	7.35E-07	7.38E-07	1.75E-08	1.78E-08
1884	UCART2	480159.83	3732902.05	480159.83, 3	8.67E-04	7.76E-03	1.25E-04	1.92E-04	1.9E-07	1.7E-06	2.8E-08	4.2E-08	2.3E-09	6.7E-07	3.3E-10	1.7E-08	6.52E-07	6.54E-07	1.61E-08	1.64E-08
1885	UCART2	480209.83	3732902.05	480209.83, 3	7.80E-04	7.01E-03	1.13E-04	1.78E-04	1.7E-07	1.5E-06	2.5E-08	3.9E-08	2.1E-09	6.1E-07	3.0E-10	1.5E-08	5.89E-07	5.91E-07	1.50E-08	1.53E-08
1886	UCART2	480259.83	3732902.05	480259.83, 3	7.09E-04	6.38E-03	1.02E-04	1.68E-04	1.6E-07	1.4E-06	2.3E-08	3.7E-08	1.9E-09	5.5E-07	2.7E-10	1.5E-08	5.36E-07	5.38E-07	1.41E-08	1.44E-08
1887	UCART2	480309.83	3732902.05	480309.83, 3	6.50E-04	5.86E-03	9.38E-05	1.60E-04	1.4E-07	1.3E-06	2.1E-08	3.5E-08	1.7E-09	5.1E-07	2.5E-10	1.4E-08	4.92E-07	4.94E-07	1.34E-08	1.36E-08
1888	UCART2	480359.83	3732902.05	480359.83, 3	6.01E-04	5.41E-03	8.69E-05	1.52E-04	1.3E-07	1.2E-06	1.9E-08	3.4E-08	1.6E-09	4.7E-07	2.3E-10	1.3E-08	4.55E-07	4.56E-07	1.28E-08	1.30E-08
1889	UCART2	480409.83	3732902.05	480409.83, 3	5.60E-04	5.02E-03	8.10E-05	1.47E-04	1.2E-07	1.1E-06	1.8E-08	3.2E-08	1.5E-09	4.4E-07	2.1E-10	1.3E-08	4.22E-07	4.24E-07	1.24E-08	1.26E-08
1890	UCART2	480459.83	3732902.05	480459.83, 3	5.28E-04	4.71E-03	7.63E-05	1.43E-04	1.2E-07	1.0E-06	1.7E-08	3.2E-08	1.4E-09	4.1E-07	2.0E-10	1.2E-08	3.95E-07	3.97E-07	1.20E-08	1.22E-08
1891	UCART2	480509.83	3732902.05	480509.83, 3	5.01E-04	4.44E-03	7.25E-05	1.40E-04	1.1E-07	9.8E-07	1.6E-08	3.1E-08	1.3E-09	3.8E-07	1.9E-10	1.2E-08	3.73E-07	3.74E-07	1.17E-08	1.19E-08
1892	UCART2	480559.83	3732902.05	480559.83, 3	4.79E-04	4.20E-03	6.93E-05	1.37E-04	1.1E-07	9.3E-07	1.5E-08	3.0E-08	1.3E-09	3.6E-07	1.8E-10	1.2E-08	3.53E-07	3.54E-07	1.15E-08	1.17E-08
1893	UCART2	480609.83	3732902.05	480609.83, 3	4.60E-04	4.00E-03	6.66E-05	1.35E-04	1.0E-07	8.8E-07	1.5E-08	3.0E-08	1.2E-09	3.5E-07	1.8E-10	1.2E-08	3.36E-07	3.38E-07	1.14E-08	1.15E-08
1894	UCART2	480659.83	3732902.05	480659.83, 3	4.44E-04	3.83E-03	6.43E-05	1.34E-04	9.8E-08	8.5E-07	1.4E-08	3.0E-08	1.2E-09	3.3E-07	1.7E-10	1.2E-08	3.22E-07	3.23E-07	1.12E-08	1.14E-08
1895	UCART2	480709.83	3732902.05	480709.83, 3	4.32E-04	3.72E-03	6.25E-05	1.32E-04	9.5E-08	8.2E-07	1.4E-08	2.9E-08	1.1E-09	3.2E-07	1.6E-10	1.1E-08	3.13E-07	3.14E-07	1.11E-08	1.13E-08
1896	UCART2	480759.83	3732902.05	480759.83, 3	4.22E-04	3.61E-03	6.11E-05	1.32E-04	9.3E-08	8.0E-07	1.3E-08	2.9E-08	1.1E-09	3.1E-07	1.6E-10	1.1E-08	3.03E-07	3.04E-07	1.11E-08	1.13E-08
1897	UCART2	480809.83	3732902.05	480809.83, 3	4.14E-04	3.51E-03	5.99E-05	1.31E-04	9.1E-08	7.7E-07	1.3E-08	2.9E-08	1.1E-09	3.0E-07	1.6E-10	1.1E-08	2.95E-07	2.96E-07	1.10E-08	1.12E-08
1898	UCART2	480859.83	3732902.05	480859.83, 3	4.09E-04	3.43E-03	5.91E-05	1.31E-04	9.0E-08	7.6E-07	1.3E-08	2.9E-08	1.1E-09	3.0E-07	1.6E-10	1.1E-08	2.88E-07	2.89E-07	1.10E-08	1.12E-08
1899	UCART2	480909.83	3732902.05	480909.83, 3	4.05E-04	3.36E-03	5.85E-05	1.32E-04	8.9E-08	7.4E-07	1.3E-08	2.9E-08	1.1E-09	2.9E-07	1.5E-10	1.1E-08	2.83E-07	2.84E-07	1.11E-08	1.12E-08
1900	UCART2	480959.83	3732902.05	480959.83, 3	4.02E-04	3.32E-03	5.82E-05	1.32E-04	8.9E-08	7.3E-07	1.3E-08	2.9E-08	1.1E-09	2.9E-07	1.5E-10	1.1E-08	2.79E-07	2.80E-07	1.11E-08	1.13E-08
1901	UCART2	481009.83	3732902.05	481009.83, 3	4.02E-04	3.29E-03	5.80E-05	1.33E-04	8.9E-08	7.3E-07	1.3E-08	2.9E-08	1.1E-09	2.9E-07	1.5E-10	1.2E-08	2.77E-07	2.78E-07	1.12E-08	1.14E-08
1902	UCART2	481059.83	3732902.05	481059.83, 3	4.03E-04	3.28E-03	5.81E-05	1.35E-04	8.9E-08	7.2E-07	1.3E-08	3.0E-08	1.1E-09	2.8E-07	1.5E-10	1.2E-08	2.76E-07	2.77E-07	1.13E-08	1.15E-08
1903	UCART2	481109.83	3732902.05	481109.83, 3	4.05E-04	3.28E-03	5.84E-05	1.36E-04	8.9E-08	7.2E-07	1.3E-08	3.0E-08	1.1E-09	2.8E-07	1.5E-10	1.2E-08	2.76E-07	2.77E-07	1.14E-08	1.16E-08
1904	UCART2	481159.83	3732902.05	481159.83, 3	4.09E-04	3.30E-03	5.88E-05	1.38E-04	9.0E-08	7.3E-07	1.4E-08	3.0E-08	1.1E-09	2.9E-07	1.5E-10	1.2E-08	2.77E-07	2.78E-07	1.16E-08	1.17E-08
1905	UCART2	481209.83	3732902.05	481209.83, 3	4.13E-04	3.33E-03	5.94E-05	1.39E-04	9.1E-08	7.3E-07	1.3E-08	3.1E-08	1.1E-09	2.9E-07	1.6E-10	1.2E-08	2.80E-07	2.81E-07	1.17E-08	1.19E-08
1906	UCART2	481259.83	3732902.05	481259.83, 3	4.19E-04	3.37E-03	6.02E-05	1.41E-04	9.2E-08	7.4E-07	1.3E-08	3.1E-08	1.1E-09	2.9E-07	1.6E-10	1.2E-08	2.83E-07	2.84E-07	1.18E-08	1.20E-08
1907	UCART2	481309.83	3732902.05	481309.83, 3	4.26E-04	3.42E-03	6.11E-05	1.43E-04	9.4E-08	7.5E-07	1.3E-08	3.2E-08	1.1E-09	3.0E-07	1.6E-10	1.2E-08	2.88E-07	2.89E-07	1.20E-08	1.22E-08
1908	UCART2	481359.83	3732902.05	481359.83, 3	4.34E-04	3.49E-03	6.22E-05	1.46E-04	9.6E-08	7.7E-07	1.4E-08	3.2E-08	1.1E-09	3.0E-07	1.6E-10	1.3E-08	2.93E-07	2.94E-07	1.23E-08	1.24E-08
1909	UCART2	481409.83	3732902.05	481409.83, 3	4.42E-04	3.56E-03	6.34E-05	1.50E-04	9.8E-08	7.9E-07	1.4E-08	3.3E-08	1.2E-09	3.1E-07	1.7E-10	1.3E-08	2.99E-07	3.00E-07	1.26E-08	1.28E-08
1910	UCART2	481459.83	3732902.05	481459.83, 3	4.52E-04	3.64E-03	6.47E-05	1.55E-04	1.0E-07	8.0E-07	1.4E-08	3.4E-08	1.2E-09	3.2E-07	1.7E-10	1.3E-08	3.06E-07	3.07E-07	1.30E-08	1.32E-08
1911	UCART2	481509.83	3732902.05	481509.83, 3	4.62E-04	3.73E-03	6.61E-05	1.63E-04	1.0E-07	8.2E-07	1.5E-08	3.6E-08	1.2E-09	3.2E-07	1.7E-10	1.4E-08	3.13E-07	3.14E-07	1.37E-08	1.39E-08
1912	UCART2	481559.83	3732902.05	481559.83, 3	4.73E-04	3.82E-03	6.76E-05	1.74E-04	1.0E-07	8.4E-07	1.5E-08	3.8E-08	1.2E-09	3.3E-07	1.8E-10	1.5E-08	3.21E-07	3.22E-07	1.46E-08	1.48E-08
1913	UCART2	481609.83	3732902.05	481609.83, 3	4.85E-04	3.91E-03	6.92E-05	1.87E-04	1.1E-07	8.6E-07	1.5E-08	4.1E-08	1.3E-09	3.4E-07	1.8E-10	1.6E-08	3.29E-07	3.30E-07	1.57E-08	1.59E-08
1914	UCART2	481659.83	3732902.05	481659.83, 3	4.98E-04	4.00E-03	7.10E-05	2.03E-04	1.1E-07	8.8E-07	1.6E-08	4.5E-08	1.3E-09	3.5E-07	1.9E-10	1.8E-08	3.36E-07	3.37E-07	1.71E-08	1.73E-08
1915	UCART2	479709.83	3732952.05	479709.83, 3	8.63E-03	4.68E-02	1.25E-03	7.17E-04	1.9E-06	1.0E-05	2.8E-07	1.6E-07	2.3E-08	4.1E-06	3.3E-09	6.2E-08	3.93E-06	3.95E-06	6.02E-08	6.35E-08
1916	UCART2	479759.83	3732952.05	479759.83, 3	4.29E-03	3.32E-02	6.80E-04	5.78E-04	1.0E-06	7.3E-06	1.5E-07	1.3E-07	1.2E-08	2.9E-06	1.8E-09	5.0E-08	2.79E-06	2.79E-06	4.85E-08	5.03E-08
1917	UCART2	479809.83	3732952.05	479809.83, 3	3.15E-03	2.53E-02	4.54E-04	4.75E-04	6.9E-07	5.6E-06	1.0E-07	1.0E-07	8.3E-09	2.2E-06	1.2E-09	4.1E-08	2.12E-06	2.13E-06	3.99E-08	4.11E-08
1918	UCART2	479859.83	3732952.05	479859.83, 3	2.38E-03	2.01E-02	3.43E-04	4.01E-04	5.2E-07	4.4E-06	7.6E-08	8.8E-08	6.3E-09	1.7E-06	9.0E-10	3.5E-08	1.69E-06	1.70E-06	3.37E-08	3.46E-08
1919	UCART2	479909.83	3732952.05	479909.83, 3	1.88E-03	1.66E-02	2.71E-04	3.44E-04	4.1E-07	3.7E-06	6.0E-08	7.6E-08	5.0E-09	1.4E-06	7.1E-10	3.0E-08	1.39E-06	1.40E-06	2.89E-08	2.96E-08
1920	UCART2	479959.83	3732952.05	479959.83, 3	1.56E-03	1.39E-02	2.25E-04	3.00E-04	3.4E-07	3.1E-06	5.0E-08	6.6E-08	4.1E-09	1.2E-06	5.9E-10	2.6E-08	1.17E-06	1.17E-06	2.52E-08	2.58E-08
1921	UCART2	480009.83	3732952.05	480009.83, 3	1.33E-03	1.18E-02	1.91E-04	2.64E-04	2.9E-07	2.6E-06	4.2E-08	5.8E-08	3.5E-09	1.0E-06	5.0E-10	2.3E-08	9.93E-07	9.96E-07	2.22E-08	2.27E-08
1922	UCART2	480059.83	3732952.05	480059.83, 3	1.15E-03	1.01E-02	1.65E-04	2.36E-04	2.5E-07	2.2E-06	3.6E-08	5.2E-08	3.0E-09	8.8E-07	4.3E-10	2.0E-08	8.52E-07	8.55E-07	1.98E-08	2.02E-08
1923	UCART2	480109.83	3732952.05	480109.83, 3	1.00E-03	8.94E-03	1.44E-04	2.15E-04	2.2E-07	2.0E-06

1978	UCART2	480859.83	3733002.05	480859.83, 3	4.21E-04	3.56E-03	6.10E-05	1.47E-04	9.3E-08	7.8E-07	1.3E-08	3.2E-08	1.1E-09	3.1E-07	1.6E-10	1.3E-08	2.99E-07	3.00E-07	1.23E-08	1.25E-08
1979	UCART2	480909.83	3733002.05	480909.83, 3	4.18E-04	3.51E-03	6.06E-05	1.48E-04	9.2E-08	7.7E-07	1.3E-08	3.3E-08	1.1E-09	3.0E-07	1.6E-10	1.3E-08	2.95E-07	2.96E-07	1.24E-08	1.26E-08
1980	UCART2	480959.83	3733002.05	480959.83, 3	4.18E-04	3.48E-03	6.06E-05	1.50E-04	9.2E-08	7.7E-07	1.3E-08	3.3E-08	1.1E-09	3.0E-07	1.6E-10	1.3E-08	2.92E-07	2.93E-07	1.26E-08	1.27E-08
1981	UCART2	481009.83	3733002.05	481009.83, 3	4.20E-04	3.46E-03	6.07E-05	1.52E-04	9.3E-08	7.6E-07	1.3E-08	3.3E-08	1.1E-09	3.0E-07	1.6E-10	1.3E-08	2.91E-07	2.92E-07	1.27E-08	1.29E-08
1982	UCART2	481059.83	3733002.05	481059.83, 3	4.23E-04	3.47E-03	6.12E-05	1.54E-04	9.3E-08	7.7E-07	1.3E-08	3.4E-08	1.1E-09	3.0E-07	1.6E-10	1.3E-08	2.92E-07	2.93E-07	1.29E-08	1.31E-08
1983	UCART2	481109.83	3733002.05	481109.83, 3	4.28E-04	3.50E-03	6.19E-05	1.56E-04	9.4E-08	7.7E-07	1.4E-08	3.4E-08	1.1E-09	3.0E-07	1.6E-10	1.4E-08	2.94E-07	2.95E-07	1.31E-08	1.33E-08
1984	UCART2	481159.83	3733002.05	481159.83, 3	4.35E-04	3.55E-03	6.28E-05	1.59E-04	9.6E-08	7.8E-07	1.4E-08	3.5E-08	1.1E-09	3.1E-07	1.7E-10	1.4E-08	2.98E-07	2.99E-07	1.33E-08	1.35E-08
1985	UCART2	481209.83	3733002.05	481209.83, 3	4.44E-04	3.61E-03	6.40E-05	1.62E-04	9.8E-08	8.0E-07	1.4E-08	3.6E-08	1.2E-09	3.1E-07	1.7E-10	1.4E-08	3.03E-07	3.05E-07	1.36E-08	1.38E-08
1986	UCART2	481259.83	3733002.05	481259.83, 3	4.54E-04	3.69E-03	6.54E-05	1.65E-04	1.0E-07	8.1E-07	1.4E-08	3.6E-08	1.2E-09	3.2E-07	1.7E-10	1.4E-08	3.10E-07	3.12E-07	1.38E-08	1.40E-08
1987	UCART2	481309.83	3733002.05	481309.83, 3	4.66E-04	3.80E-03	6.70E-05	1.68E-04	1.0E-07	8.4E-07	1.5E-08	3.7E-08	1.2E-09	3.3E-07	1.8E-10	1.5E-08	3.19E-07	3.20E-07	1.41E-08	1.43E-08
1988	UCART2	481359.83	3733002.05	481359.83, 3	4.80E-04	3.92E-03	6.88E-05	1.72E-04	1.1E-07	8.6E-07	1.5E-08	3.8E-08	1.3E-09	3.4E-07	1.8E-10	1.5E-08	3.29E-07	3.30E-07	1.44E-08	1.46E-08
1989	UCART2	481409.83	3733002.05	481409.83, 3	4.94E-04	4.05E-03	7.08E-05	1.76E-04	1.1E-07	8.9E-07	1.6E-08	3.9E-08	1.3E-09	3.5E-07	1.9E-10	1.5E-08	3.40E-07	3.42E-07	1.48E-08	1.50E-08
1990	UCART2	481459.83	3733002.05	481459.83, 3	5.10E-04	4.20E-03	7.31E-05	1.83E-04	1.1E-07	9.3E-07	1.6E-08	4.0E-08	1.3E-09	3.6E-07	1.9E-10	1.6E-08	3.53E-07	3.54E-07	1.53E-08	1.55E-08
1991	UCART2	481509.83	3733002.05	481509.83, 3	5.28E-04	4.36E-03	7.54E-05	1.93E-04	1.2E-07	9.6E-07	1.7E-08	4.2E-08	1.4E-09	3.8E-07	2.0E-10	1.7E-08	3.67E-07	3.68E-07	1.62E-08	1.64E-08
1992	UCART2	481559.83	3733002.05	481559.83, 3	5.47E-04	4.54E-03	7.80E-05	2.07E-04	1.2E-07	1.0E-06	1.7E-08	4.6E-08	1.4E-09	3.9E-07	2.1E-10	1.8E-08	3.81E-07	3.83E-07	1.74E-08	1.76E-08
1993	UCART2	481609.83	3733002.05	481609.83, 3	5.67E-04	4.72E-03	8.08E-05	2.27E-04	1.2E-07	1.0E-06	1.8E-08	5.0E-08	1.5E-09	4.1E-07	2.1E-10	2.0E-08	3.96E-07	3.98E-07	1.91E-08	1.93E-08
1994	UCART2	481659.83	3733002.05	481659.83, 3	5.88E-04	4.89E-03	8.37E-05	2.53E-04	1.3E-07	1.1E-06	1.8E-08	5.6E-08	1.5E-09	4.2E-07	2.2E-10	2.2E-08	4.11E-07	4.12E-07	2.12E-08	2.14E-08
1995	UCART2	479709.83	3733052.05	479709.83, 3	1.16E-02	5.73E-02	1.70E-03	1.12E-03	2.5E-06	1.3E-05	3.7E-07	2.5E-07	3.0E-08	5.0E-06	4.5E-09	9.7E-08	4.82E-06	4.85E-06	9.44E-08	9.88E-08
1996	UCART2	479759.83	3733052.05	479759.83, 3	5.34E-03	3.80E-02	7.76E-04	7.19E-04	1.2E-06	8.4E-06	1.7E-07	1.6E-07	1.4E-08	3.3E-06	2.0E-09	6.2E-08	3.19E-06	3.21E-06	6.04E-08	6.24E-08
1997	UCART2	479809.83	3733052.05	479809.83, 3	3.56E-03	2.80E-02	5.14E-04	5.51E-04	7.9E-07	6.2E-06	1.1E-07	1.2E-07	9.4E-09	2.4E-06	1.4E-09	4.8E-08	2.35E-06	2.36E-06	4.63E-08	4.76E-08
1998	UCART2	479859.83	3733052.05	479859.83, 3	2.67E-03	2.18E-02	3.85E-04	4.49E-04	5.9E-07	4.8E-06	8.5E-08	9.9E-08	7.0E-09	1.9E-06	1.0E-09	3.9E-08	1.83E-06	1.84E-06	3.77E-08	3.88E-08
1999	UCART2	479909.83	3733052.05	479909.83, 3	2.10E-03	1.74E-02	3.03E-04	3.76E-04	4.6E-07	3.8E-06	6.7E-08	8.3E-08	5.5E-09	1.5E-06	8.0E-10	3.3E-08	1.46E-06	1.47E-06	3.16E-08	3.24E-08
2000	UCART2	479959.83	3733052.05	479959.83, 3	1.71E-03	1.45E-02	2.46E-04	3.24E-04	3.8E-07	3.2E-06	5.4E-08	7.1E-08	4.5E-09	1.3E-06	6.5E-10	2.8E-08	1.22E-06	1.22E-06	2.72E-08	2.79E-08
2001	UCART2	480009.83	3733052.05	480009.83, 3	1.42E-03	1.23E-02	2.04E-04	2.83E-04	3.1E-07	2.7E-06	4.5E-08	6.3E-08	3.7E-09	1.1E-06	5.4E-10	2.5E-08	1.03E-06	1.04E-06	2.38E-08	2.44E-08
2002	UCART2	480059.83	3733052.05	480059.83, 3	1.20E-03	1.06E-02	1.74E-04	2.53E-04	2.7E-07	2.3E-06	3.8E-08	5.6E-08	3.2E-09	9.2E-07	4.6E-10	2.2E-08	8.94E-07	8.97E-07	2.13E-08	2.17E-08
2003	UCART2	480109.83	3733052.05	480109.83, 3	1.04E-03	9.33E-03	1.50E-04	2.29E-04	2.3E-07	2.1E-06	3.3E-08	5.0E-08	2.7E-09	8.1E-07	4.0E-10	2.0E-08	7.84E-07	7.86E-07	1.92E-08	1.96E-08
2004	UCART2	480159.83	3733052.05	480159.83, 3	9.11E-04	8.28E-03	1.32E-04	2.10E-04	2.0E-07	1.8E-06	2.9E-08	4.6E-08	2.4E-09	7.2E-07	3.5E-10	1.8E-08	6.95E-07	6.98E-07	1.76E-08	1.80E-08
2005	UCART2	480209.83	3733052.05	480209.83, 3	8.10E-04	7.43E-03	1.17E-04	1.95E-04	1.8E-07	1.6E-06	2.6E-08	4.3E-08	2.1E-09	6.4E-07	3.1E-10	1.7E-08	6.24E-07	6.26E-07	1.64E-08	1.67E-08
2006	UCART2	480259.83	3733052.05	480259.83, 3	7.31E-04	6.73E-03	1.06E-04	1.84E-04	1.6E-07	1.5E-06	2.3E-08	4.1E-08	1.9E-09	5.8E-07	2.8E-10	1.6E-08	5.65E-07	5.67E-07	1.55E-08	1.57E-08
2007	UCART2	480309.83	3733052.05	480309.83, 3	6.67E-04	6.15E-03	9.66E-05	1.75E-04	1.5E-07	1.4E-06	2.1E-08	3.9E-08	1.8E-09	5.3E-07	2.5E-10	1.5E-08	5.17E-07	5.19E-07	1.47E-08	1.49E-08
2008	UCART2	480359.83	3733052.05	480359.83, 3	6.16E-04	5.67E-03	8.93E-05	1.69E-04	1.4E-07	1.3E-06	2.0E-08	3.7E-08	1.6E-09	4.9E-07	2.4E-10	1.5E-08	4.76E-07	4.78E-07	1.42E-08	1.44E-08
2009	UCART2	480409.83	3733052.05	480409.83, 3	5.74E-04	5.26E-03	8.33E-05	1.66E-04	1.3E-07	1.2E-06	1.8E-08	3.7E-08	1.5E-09	4.6E-07	2.2E-10	1.4E-08	4.42E-07	4.44E-07	1.40E-08	1.42E-08
2010	UCART2	480459.83	3733052.05	480459.83, 3	5.40E-04	4.92E-03	7.84E-05	1.63E-04	1.2E-07	1.1E-06	1.7E-08	3.6E-08	1.4E-09	4.3E-07	2.1E-10	1.4E-08	4.13E-07	4.15E-07	1.37E-08	1.39E-08
2011	UCART2	480509.83	3733052.05	480509.83, 3	5.12E-04	4.63E-03	7.44E-05	1.60E-04	1.1E-07	1.0E-06	1.6E-08	3.5E-08	1.3E-09	4.0E-07	2.0E-10	1.4E-08	3.89E-07	3.90E-07	1.34E-08	1.36E-08
2012	UCART2	480559.83	3733052.05	480559.83, 3	4.90E-04	4.41E-03	7.12E-05	1.57E-04	1.1E-07	9.7E-07	1.6E-08	3.5E-08	1.3E-09	3.8E-07	1.9E-10	1.4E-08	3.71E-07	3.72E-07	1.32E-08	1.34E-08
2013	UCART2	480609.83	3733052.05	480609.83, 3	4.71E-04	4.21E-03	6.85E-05	1.55E-04	1.0E-07	9.3E-07	1.5E-08	3.4E-08	1.2E-09	3.6E-07	1.8E-10	1.3E-08	3.53E-07	3.55E-07	1.30E-08	1.32E-08
2014	UCART2	480659.83	3733052.05	480659.83, 3	4.56E-04	4.03E-03	6.64E-05	1.54E-04	1.0E-07	8.9E-07	1.5E-08	3.4E-08	1.2E-09	3.5E-07	1.7E-10	1.3E-08	3.39E-07	3.40E-07	1.29E-08	1.31E-08
2015	UCART2	480709.83	3733052.05	480709.83, 3	4.45E-04	3.89E-03	6.47E-05	1.54E-04	9.8E-08	8.6E-07	1.4E-08	3.4E-08	1.2E-09	3.4E-07	1.7E-10	1.3E-08	3.27E-07	3.28E-07	1.29E-08	1.31E-08
2016	UCART2	480759.83	3733052.05	480759.83, 3	4.36E-04	3.77E-03	6.34E-05	1.54E-04	9.6E-08	8.3E-07	1.4E-08	3.4E-08	1.1E-09	3.3E-07	1.7E-10	1.3E-08	3.17E-07	3.18E-07	1.29E-08	1.31E-08
2017	UCART2	480809.83	3733052.05	480809.83, 3	4.30E-04	3.68E-03	6.25E-05	1.55E-04	9.5E-08	8.1E-07	1.4E-08	3.4E-08	1.1E-09	3.2E-07	1.6E-10	1.3E-08	3.09E-07	3.11E-07	1.30E-08	1.32E-08
2018	UCART2	480859.83	3733052.05	480859.83, 3	4.26E-04	3.62E-03	6.19E-05	1.56E-04	9.4E-08	8.0E-07	1.4E-08	3.4E-08	1.1E-09	3.1E-07	1.6E-10	1.4E-08	3.04E-07	3.05E-07	1.31E-08	1.33E-08
2019	UCART2	480909.83	3733052.05	480909.83, 3	4.25E-04	3.57E-03	6.17E-05	1.58E-04	9.4E-08	7.9E-07	1.4E-08	3.5E-08	1.1E-09	3.1E-07	1.6E-10	1.4E-08	3.00E-07	3.01E-07	1.32E-08	1.34E-08
2020	UCART2	480959.83	3733052.05	480959.83, 3	4.26E-04	3.55E-03	6.18E-05	1.60E-04	9.4E-08	7.8E-07	1.4E-08	3.5E-08	1.1E-09	3.1E-07	1.6E-10	1.4E-08	2.98E-07	2.99E-07	1.34E-08	1.36E-08
2021	UCART2	481009.83	3733052.05	481009.83, 3	4.29E-04	3.55E-03	6.21E-05	1.62E-04	9.5E-08	7.8E-07	1.4E-08	3.6E-08	1.1E-09	3.1E-07	1.6E-10	1.4E-08	2.98E-07	2.99E-07	1.36E-08	1.38E-08
2022	UCART2	481059.83	3733052.05	481059.83, 3	4.34E-04	3.57E-03	6.28E-05	1.64E-04	9.6E-08	7.9E-07	1.4E-08	3.6E-08	1.1E-09	3.1E-07	1.7E-10	1.4E-08	3.00E-07	3.01E-07	1.38E-08	1.40E-08
2023	UCART2	481109.83	3733052.05	481109.83, 3	4.41E-04	3.61E-03	6.37E-05	1.68E-04	9.7E-08	8.0E-07	1.4E-08	3.7E-08	1.2E-09	3.1E-07	1.7E-10	1.5E-08	3.03E-07	3.04E-07	1.41E-08	1.43E-08
2024	UCART2	481159.83	3733052.05	481159.83, 3	4.50E-04	3.68E-03	6.49E-05	1.71E-04	9.9E-08	8.1E-07	1.4E-08	3.8E-08	1.2E-09	3.2E-07	1.7E-10	1.5E-08	3.09E-07	3.10E-07	1.44E-08	1.45E-08
2025	UCART2	481209.83	3733052.05	481209.83, 3	4.61E-04	3.76E-03	6.65E-05	1.75E-04	1.0E-07	8.3E-07	1.5E-08	3.9E-08	1.2E-09	3.3E-07	1.8E-10	1.5E-08	3.16E-07	3.17E-07	1.47E-08	1.49E-08
2026	UCART2	481259.83	3733052.05	481259.83, 3	4.74E-04	3.87E-03	6.83E-05	1.79E-04	1.0E-07	8.5E-07	1.5E-08	4.0E-08	1.2E-09	3.4E-07	1.8E-10	1.6E-08	3.25E-07	3.27E-07	1.50E-08	1.52E-08
2027	UCART2	481309.83	3733052.05	481309.83, 3	4.90E-04	4.01E-03	7.04E-05	1.83E-04	1.1E-07	8.8E-07	1.6E-08	4.0E-08	1.3E-09	3.5E-07	1.9E-10	1.6E-08	3.37E-07	3.38E-07	1.54E-08	1.56E-08
2028	UCART2	481359.83	3733052.05	481359.83, 3	5.07E-04	4.17E-03	7.28E-05	1.87E-04	1.1E-07	9.2E-07	1.6E-08	4.1E-08	1.3E-09	3.6E-07	1.9E-10	1.6E-08	3.50E-07	3.51E-07	1.57E-08	1.59E-08
2029	UCART2	481409.83	3733052.05	481409.83, 3	5.26E-04	4.35E-03	7.54E-05	1.93E-04	1.2E-07	9.6E-07	1.7E-08	4.3E-08	1.4E-09	3.8E-07	2.0E-10	1.7E-08	3.65E-07	3.67E-07	1.62E-08	1.64E-08
2030	UCART2	481459.83	3733052.05	481459.83, 3	5.47E-04	4.55E-03	7.83E-05	2.00E-04	1.2E-07	1.0E-06	1.7E-08	4.4E-08	1.4E-09	3.9E-07	2.1E-10	1.7E-08	3.82E-07	3.84E-07	1.68E-08	1.70E-08
2031	UCART2	481509.83	3733052.05	481509.83, 3	5.70E-04	4.77E-03	8.14E-05	2.11E-04	1.3E-07	1.1E-06	1.8E-08	4.6E-08	1.5E-09	4.1E-07	2.1E-10	1.8E-08	4.01E-07	4.02E-07	1.77E-08	1.79E-08
2032	UCART2	481559.83	3733052.05	481559.83, 3	5.94E-04	5.01E-03	8.48E-05	2.28E-04	1.3E-07	1.1E-06	1.9E-08	5.0E-08	1.6E-09	4.3E-07	2.2E-10	2.0E-08	4.21E-07	4.22E-07	1.91E-08	1.93E-08
2033	UCART2	481609.83	3733052.05	481609.83, 3	6.20E-04	5.26E-03	8.84E-05	2.52E-04	1.4E-07	1.2E-06	1.9E-08	5.6E-08	1.6E-09	4.6E-07	2.3E-10	2.2E-08	4.42E-07	4.43E-07	2.12E-08	2.14E-08
2034	UCART2	481659.83	3733052.05	481659.83, 3	6.48E-04	5.50E-03	9.22E-05	2.84E-04	1.4E-07	1.2E-06	2.0E-08	6.3E-08	1.7E-09	4.8E-07	2.4E-10	2.5E-08	4.62E-07	4.64E-07	2.39E-08	2.41E-08
2035	UCART2	479709.83	3733102.05	479709.83, 3	8.48E-03	5.41E-02	1.25E-03	1.49E-03	1.9E-06	1.2E-05	2.8E-07	3.3E-07	2.2E-08	4.7E-06	3.3E-09	1.3E-07	4.55E-06	4.57E-06	1.25E-07	1.29E-07
2036	UCART2	479759.83	3733102.05	479759.83, 3	5.14E-03	3.75E-02	7.46E-04	8.00E-04	1.1E-06	8.3E-06	1.6E-07	1.8E-07	1.4E-08	3.2E-06	2.0E-09	6.9E-08	3.15E-06	3.16E-06	6.72E-08	6.92E-08
2037	UCART2	479809.83	3733102.05	479809.83, 3	3.65E-03	2.81E-02	5.27E-04	5.90E-04	8.1E-07	6.2E-06	1.2E-07	1.3E-07	9.6E-09	2.4E-06	1.4E-09	5.1E-08	2.36E-06	2.37E-06	4.95E-08	5.09E-08
2038	UCART2	479859.83	3733102.05	479859.83, 3	2.77E-03	2.20E-02	4.00E-04	4.71E-04	6.1E-07	4.9E-06	8.8E-08	1.0E-07	7.3E-09	1.9E-06	1.1E-09	4.1E-08	1.85E-06	1.86E-06	3.96E-08	4.06E-08
2039	UCART2	479909.83	3733102.05	479909.83, 3	2.18E-03	1.76E-02	3.14E-04	3.91E-04	4.8E-07	3.9E-06	6.9E-08	8.6E-08	5.7E-09	1.5E-06	8.3E-10	3.4E-08	1.48E-06	1.49E-06	3.29E-08	3.37E-08
2040	UCART2	479959.83	3733102.05	479959.83, 3	1.76E-03	1.47E-02	2.53E-04	3.33E-04	3.9E-07	3.2E-06	5.6E-08	7.4E-08	4.6E-09	1.3E-06	6.7E-10	2.9E-08	1.23E-06	1.24E-06	2.80E-08	2.87E-08
2041	UCART2	480009.83	3733102.05	480009.83, 3	1.45E-03	1.24E-02	2.09E-04	2.91E-04	3.2E-07	2.7E-06	4.6E-08	6.4E-08	3.8E-09	1.1E-06	5.5E-10	2.5E-08	1.05E-06	1.05E-06	2.45E-08	2.50E-08
2042	UCART2	480059.83	3733102.05	480059.83, 3	1.22E-03	1.07E-02	1.76E-04	2.59E-04	2.7E-07	2.4E-06	3.9E-08	5.7E-08	3.2E-09	9.3E-07	4.6E-10	2.2E-08	9.03E-07	9.06E-07	2.18E-08	2.22E-08
2043	UCART2	480109.83	3733102.05	480109.83, 3	1.05E-03	9.41E-03	1.51E-04	2.34E-04	2.3E-07	2.1E-06	3.3E-08	5.2E-08	2.8E-09	8.2E-07	4.0E-10	2.0E-08	7.91E-07	7.94E-07	1.96E-08	2.00E-08
2044	UCART2	480159.83	3733102.05	480159.83, 3	9.17E-04	8.35E-03	1.33E-04	2.15E-04	2.0E-07	1.8E-06	2.9E-08	4.7E-08	2.4E-09	7.2E-07	3.5E-10	1.9E-08	7.02E-07	7.04E-07	1.81E-08	1.84E-08
2045	UCART2	480209.83	3733102.05	480209.83, 3	8.14E-04	7.49E-03	1.18E-04	2.01E-04	1.8E-07	1.7E-06	2.6E-08	4.4E-08	2.1E-09	6.5E-07	3.1E-10	1.7E-08	6.29E-07	6.32E-07	1.69E-08	1.72E-08
2046	UCART2	480259.83	3733102.05	480259.83, 3	7.30E-04	6.79E-03	1.06E-04	1.90E-04	1.6E-07	1.5E-06	2.3E-08	4.2E-08	1.9E-09	5.9E-07	2.8E-10	1.6E-08	5.70E-07	5.72E-07	1.60E-08	1.62E-08
2047	UCART2	480309.83	3733102.05	480309.83, 3	6.70E-04	6.23E-03	9.71E-05	1.83E-04	1.5E-07	1.4E-06	2.1E-08	4.0E-08	1.8E-09	5.4E-07	2.6E-10	1.6E-08	5.23E-07	5.25E-07	1.53E-08	1.56E-08
2048	UCART2	480359.83	3733102.05	480359.83, 3	6.18E-04	5.74E-03	8.98E-05	1.77E-04	1.4E-07	1.3E-06	2.0E-08	3.9E-08	1.6E-09	5.0E-07	2.4E-10	1.5E-08	4.82E-07	4.84E-07	1.49E-08	1.51E-08
2049	UCART2	480409.83	3733102.05	480409.83, 3	5.76E-04	5.31E-03	8.38E-05	1.73E-04	1.3E-07	1.2E-06	1.8E-08	3.8E-08	1.5E-09	4.6E-07	2.2E-10	1.5E-08	4.46E-07	4.48E-07	1.45E-08	1.48E-08
2050	UCART2	480459.83	3733102.05	480459.83, 3	5.42E-04	4.96E-03	7.89E-05	1.70E-04	1.2E-07	1.1E-06	1.7E-08	3.8E-08	1.4E-09	4.3E-07	2.1E-10	1.5E-08	4.17E-07	4.18E-07	1.43E-08	1.45E-08
2051	UCART2	480509.83	3733102.05	480509.83, 3	5.15E-04	4.70E-03	7.49E-05	1.68E-04	1.1E-07	1.0E-06	1.7E-08	3.7E-08	1.4E-09	4.1E-07	2.0E-10	1.5E-08	3.95E-07	3.96E-07	1.41E-08	1.43E-08
2052	UCART2	480559.83	3733102.05	480559.83, 3	4.92E-04	4.45E-03	7.17E-05	1.66E-04	1.1E-07	9.8E-07	1.6E-08	3.7E-08	1.3E-09	3.9E-07	1.9E-10	1.4E-08	3.74E-07	3.76E-07	1.39E-08	1.41E-08
2053	UCART2	480609.83	3733102.05	480609.83, 3	4.74E-04	4.25E-03	6.90E-05	1.65E-04	1.0E-07	9.4E-07	1.5E-08	3.6E-08	1.2E-09	3.7E-07	1.8E-10	1.4E-08	3.57E-07	3.58E-07	1.39E-08	1.40E-08
2054	UCART2	480659.83	3733102.05	480659.83, 3	4.59E-04	4.08E-03	6.69E-05	1.64E-04	1.0E-07	9.0E-07	1.5E-08	3.6E-08	1.2E-09	3.5E-07	1.8E-10	1.4E-08	3.42E-07	3.44E-07	1.38E-08	1.40E-08
2055	UCART2	480709.83	3733102.05	480709.83, 3	4.48E-04	3.94E-03	6.53E-05	1.64E-04	9.9E-08	8.7E-07	1.4E-08	3.6E-08	1.2E-09	3.4E-07	1.7E-10	1.4E-08	3.31E-07	3.32E-07	1.38E-08	1.40E-08
2056	UCART2	480759.83	3733102.05	480759.83, 3	4.40E-04	3.82E-03	6.41E-05	1.65E-04	9.7E-08	8.4E-07	1.4E-08	3.6E-08	1.2E-09	3.3E-07	1.7E-10	1.4E-08	3.21E-07	3.22E-07	1.38E-08	1.40E-08
2057	UCART2	480809.83	3733102.05	480809.83, 3	4.34E-04	3.73E-03	6.33E-05	1.66E-04	9.6E-08	8.2E-07	1.4E-08	3.7E-08	1.1E-09	3.2E-07	1.7E-10	1.4E-08	3.14E-07	3.15E-07	1.39E-08	1.41E-08
2058	UCART2	480859.83	3733102.05	480859.83, 3	4.31E-04	3.67E-03	6.28E-05	1.67E-04	9.5E-08	8.1E-07	1.4E-08	3.7E-08	1.1E-09	3.2E-07	1.7E-10	1.4E-08	3.08E-07	3.10E-07	1.40E-08	1.42E-08
2059	UCART2	480909.83	3733102.05	480909.83, 3	4.31E-04	3.63E-03	6.27E-05	1.68E-04	9.5E-08	8.0E-07	1.4E-08	3.7E-08	1.1E-09	3.1E-07	1.7E-10	1.5E-08	3.05E-07	3.06E-07	1.41E-08	1.43E-08
2060	UCART2	480959.83	3733102.05	480959.83, 3	4.33E-04	3.62E-03	6.29E-05	1.71E-04	9.5E-08	8.0E-07	1.4E-08	3.8E-08	1.1E-09	3.1E-07	1.7E-10	1.5E-08	3.04E-07	3.05E-07	1.43E-08	1.45E-08
2061	UCART2	481009.83	3733102.05	481009.83, 3	4.37E-04	3.63E-03	6.35E-05	1.73E-04	9.6E-08	8.0E-07	1.4E-08	3.8E-08	1.2E-09	3.1E-07	1.7E-10	1.5E-08	3.05E-07	3.06E-07	1.45E-08	1.47E-08
2062	UCART2	481059.83	3733102.05	481059.83, 3	4.44E-04	3.66E-03	6.44E-05	1.76E-04	9.8E-08	8.1E-07	1.4E-08	3.9E-08	1.2E-09	3.2E-07	1.7E-10	1.5E-08	3.08E-07	3.09E-07	1.48E-08	1.50E-08
2063	UCART2	481109.83	3733102.05	481109.83, 3	4.53E-04	3.72E-03	6.56E-05	1.80E-04	1.0E-07	8.2E-07	1.4E-08	4.0E-08	1.2E-09	3.2E-07	1.7E-10	1.6E-08	3.13E-07	3.14E-07	1.51E-08	1.53E-08
2064	UCART2	481159.83	3733102.05	481159.83, 3	4.65E-04	3.81E-03	6.72E-05	1.85E-04	1.0E-07	8.4E-07	1.5E-08	4.1E-08	1.2E-09	3.3E-07	1.8E-10	1.6E-08	3.20E-07	3.21E-07	1.55E-08	1.57E-08
2065	UCART2	481209.83	3733102.05	481209.83, 3	4.79E-04	3.92E-03	6.91E-05	1.90E-04	1.1E-07	8.6E-07

2120	UCART2	479959.83	3733202.05	479959.83, 3	1.80E-03	1.45E-02	2.59E-04	3.38E-04	4.0E-07	3.2E-06	5.7E-08	7.5E-08	4.7E-09	1.3E-06	6.8E-10	2.9E-08	1.21E-06	1.22E-06	2.84E-08	2.91E-08
2121	UCART2	480009.83	3733202.05	480009.83, 3	1.47E-03	1.23E-02	2.12E-04	2.95E-04	3.2E-07	2.7E-06	4.7E-08	6.5E-08	3.9E-09	1.1E-06	5.6E-10	2.6E-08	1.04E-06	1.04E-06	2.48E-08	2.54E-08
2122	UCART2	480059.83	3733202.05	480059.83, 3	1.23E-03	1.07E-02	1.77E-04	2.65E-04	2.7E-07	2.4E-06	3.9E-08	5.9E-08	3.2E-09	9.3E-07	4.7E-10	2.3E-08	8.98E-07	9.01E-07	2.23E-08	2.28E-08
2123	UCART2	480109.83	3733202.05	480109.83, 3	1.05E-03	9.39E-03	1.52E-04	2.44E-04	2.3E-07	2.1E-06	3.3E-08	5.4E-08	2.8E-09	8.1E-07	4.0E-10	2.1E-08	7.89E-07	7.92E-07	2.05E-08	2.09E-08
2124	UCART2	480159.83	3733202.05	480159.83, 3	9.16E-04	8.36E-03	1.33E-04	2.29E-04	2.0E-07	1.8E-06	2.9E-08	5.0E-08	2.4E-09	7.2E-07	3.5E-10	2.0E-08	7.02E-07	7.05E-07	1.92E-08	1.96E-08
2125	UCART2	480209.83	3733202.05	480209.83, 3	8.14E-04	7.53E-03	1.18E-04	2.18E-04	1.8E-07	1.7E-06	2.6E-08	4.8E-08	2.1E-09	6.5E-07	3.1E-10	1.9E-08	6.32E-07	6.35E-07	1.83E-08	1.86E-08
2126	UCART2	480259.83	3733202.05	480259.83, 3	7.34E-04	6.83E-03	1.07E-04	2.10E-04	1.6E-07	1.5E-06	2.4E-08	4.6E-08	1.9E-09	5.9E-07	2.8E-10	1.8E-08	5.74E-07	5.76E-07	1.76E-08	1.79E-08
2127	UCART2	480309.83	3733202.05	480309.83, 3	6.71E-04	6.26E-03	9.77E-05	2.04E-04	1.5E-07	1.4E-06	2.2E-08	4.5E-08	1.8E-09	5.4E-07	2.6E-10	1.8E-08	5.26E-07	5.28E-07	1.71E-08	1.74E-08
2128	UCART2	480359.83	3733202.05	480359.83, 3	6.20E-04	5.78E-03	9.04E-05	2.00E-04	1.4E-07	1.3E-06	2.0E-08	4.4E-08	1.6E-09	5.0E-07	2.4E-10	1.7E-08	4.86E-07	4.87E-07	1.68E-08	1.71E-08
2129	UCART2	480409.83	3733202.05	480409.83, 3	5.79E-04	5.38E-03	8.45E-05	1.97E-04	1.3E-07	1.2E-06	1.9E-08	4.4E-08	1.5E-09	4.7E-07	2.2E-10	1.7E-08	4.52E-07	4.53E-07	1.66E-08	1.68E-08
2130	UCART2	480459.83	3733202.05	480459.83, 3	5.45E-04	5.04E-03	7.97E-05	1.95E-04	1.2E-07	1.1E-06	1.8E-08	4.3E-08	1.4E-09	4.4E-07	2.1E-10	1.7E-08	4.23E-07	4.25E-07	1.64E-08	1.66E-08
2131	UCART2	480509.83	3733202.05	480509.83, 3	5.18E-04	4.75E-03	7.57E-05	1.93E-04	1.1E-07	1.0E-06	1.7E-08	4.3E-08	1.4E-09	4.1E-07	2.0E-10	1.7E-08	3.99E-07	4.00E-07	1.62E-08	1.64E-08
2132	UCART2	480559.83	3733202.05	480559.83, 3	4.95E-04	4.51E-03	7.25E-05	1.92E-04	1.1E-07	9.9E-07	1.6E-08	4.2E-08	1.3E-09	3.9E-07	1.9E-10	1.7E-08	3.79E-07	3.80E-07	1.61E-08	1.63E-08
2133	UCART2	480609.83	3733202.05	480609.83, 3	4.78E-04	4.31E-03	7.00E-05	1.91E-04	1.1E-07	9.5E-07	1.5E-08	4.2E-08	1.3E-09	3.7E-07	1.8E-10	1.7E-08	3.62E-07	3.63E-07	1.61E-08	1.62E-08
2134	UCART2	480659.83	3733202.05	480659.83, 3	4.64E-04	4.14E-03	6.79E-05	1.91E-04	1.0E-07	9.1E-07	1.5E-08	4.2E-08	1.2E-09	3.6E-07	1.8E-10	1.7E-08	3.48E-07	3.49E-07	1.60E-08	1.62E-08
2135	UCART2	480709.83	3733202.05	480709.83, 3	4.53E-04	4.00E-03	6.64E-05	1.91E-04	1.0E-07	8.8E-07	1.5E-08	4.2E-08	1.2E-09	3.5E-07	1.7E-10	1.7E-08	3.36E-07	3.38E-07	1.61E-08	1.62E-08
2136	UCART2	480759.83	3733202.05	480759.83, 3	4.46E-04	3.90E-03	6.53E-05	1.91E-04	9.8E-08	8.6E-07	1.4E-08	4.2E-08	1.2E-09	3.4E-07	1.7E-10	1.7E-08	3.28E-07	3.29E-07	1.61E-08	1.62E-08
2137	UCART2	480809.83	3733202.05	480809.83, 3	4.41E-04	3.82E-03	6.46E-05	1.92E-04	9.7E-08	8.4E-07	1.4E-08	4.2E-08	1.2E-09	3.3E-07	1.7E-10	1.7E-08	3.21E-07	3.22E-07	1.62E-08	1.63E-08
2138	UCART2	480859.83	3733202.05	480859.83, 3	4.39E-04	3.77E-03	6.43E-05	1.93E-04	9.7E-08	8.3E-07	1.4E-08	4.3E-08	1.2E-09	3.3E-07	1.7E-10	1.7E-08	3.17E-07	3.18E-07	1.62E-08	1.64E-08
2139	UCART2	480909.83	3733202.05	480909.83, 3	4.41E-04	3.75E-03	6.44E-05	1.95E-04	9.7E-08	8.3E-07	1.4E-08	4.3E-08	1.2E-09	3.2E-07	1.7E-10	1.7E-08	3.15E-07	3.16E-07	1.64E-08	1.66E-08
2140	UCART2	480959.83	3733202.05	480959.83, 3	4.45E-04	3.75E-03	6.50E-05	1.98E-04	9.8E-08	8.3E-07	1.4E-08	4.4E-08	1.2E-09	3.2E-07	1.7E-10	1.7E-08	3.15E-07	3.16E-07	1.66E-08	1.68E-08
2141	UCART2	481009.83	3733202.05	481009.83, 3	4.52E-04	3.78E-03	6.66E-05	2.01E-04	1.0E-07	8.3E-07	1.5E-08	4.4E-08	1.2E-09	3.3E-07	1.7E-10	1.7E-08	3.17E-07	3.19E-07	1.69E-08	1.70E-08
2142	UCART2	481059.83	3733202.05	481059.83, 3	4.63E-04	3.84E-03	6.74E-05	2.05E-04	1.0E-07	8.5E-07	1.5E-08	4.5E-08	1.2E-09	3.3E-07	1.8E-10	1.8E-08	3.23E-07	3.24E-07	1.72E-08	1.74E-08
2143	UCART2	481109.83	3733202.05	481109.83, 3	4.77E-04	3.93E-03	6.93E-05	2.09E-04	1.1E-07	8.7E-07	1.5E-08	4.6E-08	1.3E-09	3.4E-07	1.8E-10	1.8E-08	3.30E-07	3.32E-07	1.76E-08	1.77E-08
2144	UCART2	481159.83	3733202.05	481159.83, 3	4.95E-04	4.06E-03	7.18E-05	2.15E-04	1.1E-07	9.0E-07	1.6E-08	4.7E-08	1.3E-09	3.5E-07	1.9E-10	1.9E-08	3.41E-07	3.43E-07	1.81E-08	1.83E-08
2145	UCART2	481209.83	3733202.05	481209.83, 3	5.17E-04	4.24E-03	7.49E-05	2.23E-04	1.1E-07	9.3E-07	1.7E-08	4.9E-08	1.4E-09	3.7E-07	2.0E-10	1.9E-08	3.56E-07	3.57E-07	1.87E-08	1.89E-08
2146	UCART2	481259.83	3733202.05	481259.83, 3	5.44E-04	4.46E-03	7.86E-05	2.31E-04	1.2E-07	9.8E-07	1.7E-08	5.1E-08	1.4E-09	3.9E-07	2.1E-10	2.0E-08	3.75E-07	3.76E-07	1.94E-08	1.96E-08
2147	UCART2	481309.83	3733202.05	481309.83, 3	5.76E-04	4.73E-03	8.30E-05	2.40E-04	1.3E-07	1.0E-06	1.8E-08	5.3E-08	1.5E-09	4.1E-07	2.2E-10	2.1E-08	3.98E-07	3.99E-07	2.02E-08	2.04E-08
2148	UCART2	481359.83	3733202.05	481359.83, 3	6.13E-04	5.07E-03	8.81E-05	2.50E-04	1.4E-07	1.1E-06	1.9E-08	5.5E-08	1.6E-09	4.4E-07	2.3E-10	2.2E-08	4.26E-07	4.28E-07	2.10E-08	2.12E-08
2149	UCART2	481409.83	3733202.05	481409.83, 3	6.56E-04	5.48E-03	9.40E-05	2.60E-04	1.4E-07	1.2E-06	2.1E-08	5.7E-08	1.7E-09	4.7E-07	2.5E-10	2.3E-08	4.60E-07	4.62E-07	2.19E-08	2.21E-08
2150	UCART2	481459.83	3733202.05	481459.83, 3	7.04E-04	5.96E-03	1.01E-04	2.71E-04	1.6E-07	1.3E-06	2.2E-08	6.0E-08	1.9E-09	5.2E-07	2.7E-10	2.3E-08	5.00E-07	5.02E-07	2.27E-08	2.30E-08
2151	UCART2	481509.83	3733202.05	481509.83, 3	7.58E-04	6.51E-03	1.08E-04	2.84E-04	1.7E-07	1.4E-06	2.4E-08	6.3E-08	2.0E-09	5.6E-07	2.8E-10	2.5E-08	5.47E-07	5.49E-07	2.39E-08	2.42E-08
2152	UCART2	481559.83	3733202.05	481559.83, 3	8.17E-04	7.15E-03	1.16E-04	3.07E-04	1.8E-07	1.6E-06	2.6E-08	6.8E-08	2.2E-09	6.2E-07	3.1E-10	2.7E-08	6.01E-07	6.03E-07	2.58E-08	2.61E-08
2153	UCART2	481609.83	3733202.05	481609.83, 3	8.81E-04	7.86E-03	1.25E-04	3.47E-04	1.9E-07	1.7E-06	2.8E-08	7.6E-08	2.3E-09	6.8E-07	3.3E-10	3.0E-08	6.61E-07	6.63E-07	2.91E-08	2.95E-08
2154	UCART2	481659.83	3733202.05	481659.83, 3	9.49E-04	8.62E-03	1.35E-04	4.12E-04	2.1E-07	1.9E-06	3.0E-08	9.1E-08	2.5E-09	7.5E-07	3.5E-10	3.6E-08	7.24E-07	7.27E-07	3.46E-08	3.49E-08
2155	UCART2	479709.83	3733252.05	479709.83, 3	7.83E-03	3.94E-02	1.15E-03	1.43E-03	1.7E-06	8.7E-06	2.5E-07	3.1E-07	2.1E-08	3.4E-06	3.0E-09	1.2E-07	3.31E-06	3.33E-06	1.20E-07	1.23E-07
2156	UCART2	479759.83	3733252.05	479759.83, 3	5.78E-03	3.12E-02	8.33E-04	8.09E-04	1.3E-06	6.9E-06	1.8E-07	1.8E-07	1.5E-08	2.7E-06	2.2E-09	7.0E-08	2.63E-06	2.64E-06	6.80E-08	7.02E-08
2157	UCART2	479809.83	3733252.05	479809.83, 3	4.14E-03	2.50E-02	5.96E-04	5.91E-04	9.1E-07	5.5E-06	1.3E-07	1.3E-07	1.1E-08	2.2E-06	1.6E-09	5.1E-08	2.10E-06	2.11E-06	4.96E-08	5.12E-08
2158	UCART2	479859.83	3733252.05	479859.83, 3	3.01E-03	2.03E-02	4.33E-04	4.66E-04	6.6E-07	4.5E-06	9.5E-08	1.0E-07	7.9E-09	1.8E-06	1.1E-09	4.0E-08	1.70E-06	1.71E-06	3.92E-08	4.03E-08
2159	UCART2	479909.83	3733252.05	479909.83, 3	2.27E-03	1.68E-02	3.27E-04	3.88E-04	5.0E-07	3.7E-06	7.2E-08	8.5E-08	6.0E-09	1.5E-06	8.6E-10	3.4E-08	1.41E-06	1.42E-06	3.26E-08	3.34E-08
2160	UCART2	479959.83	3733252.05	479959.83, 3	1.79E-03	1.42E-02	2.58E-04	3.34E-04	4.0E-07	3.1E-06	5.7E-08	7.4E-08	4.7E-09	1.2E-06	6.8E-10	2.9E-08	1.19E-06	1.19E-06	2.81E-08	2.88E-08
2161	UCART2	480009.83	3733252.05	480009.83, 3	1.46E-03	1.21E-02	2.10E-04	2.96E-04	3.2E-07	2.7E-06	4.6E-08	6.5E-08	3.8E-09	1.1E-06	5.5E-10	2.6E-08	1.02E-06	1.02E-06	2.49E-08	2.54E-08
2162	UCART2	480059.83	3733252.05	480059.83, 3	1.22E-03	1.05E-02	1.76E-04	2.71E-04	2.7E-07	2.3E-06	3.9E-08	6.0E-08	3.2E-09	9.1E-07	4.6E-10	2.3E-08	8.86E-07	8.89E-07	2.28E-08	2.32E-08
2163	UCART2	480109.83	3733252.05	480109.83, 3	1.04E-03	9.30E-03	1.51E-04	2.53E-04	2.3E-07	2.1E-06	3.3E-08	5.6E-08	2.7E-09	8.1E-07	4.0E-10	2.2E-08	7.81E-07	7.84E-07	2.13E-08	2.17E-08
2164	UCART2	480159.83	3733252.05	480159.83, 3	9.11E-04	8.31E-03	1.32E-04	2.40E-04	2.0E-07	1.8E-06	2.9E-08	5.3E-08	2.4E-09	7.2E-07	3.5E-10	2.1E-08	6.98E-07	7.00E-07	2.02E-08	2.05E-08
2165	UCART2	480209.83	3733252.05	480209.83, 3	8.11E-04	7.48E-03	1.18E-04	2.32E-04	1.8E-07	1.7E-06	2.6E-08	5.1E-08	2.1E-09	6.5E-07	3.1E-10	2.0E-08	6.29E-07	6.31E-07	1.98E-08	2.01E-08
2166	UCART2	480259.83	3733252.05	480259.83, 3	7.32E-04	6.80E-03	1.07E-04	2.26E-04	1.6E-07	1.5E-06	2.4E-08	5.0E-08	1.9E-09	5.9E-07	2.8E-10	2.0E-08	5.72E-07	5.74E-07	1.90E-08	1.92E-08
2167	UCART2	480309.83	3733252.05	480309.83, 3	6.70E-04	6.24E-03	9.78E-05	2.20E-04	1.5E-07	1.4E-06	2.2E-08	4.9E-08	1.8E-09	5.4E-07	2.6E-10	1.9E-08	5.24E-07	5.26E-07	1.85E-08	1.88E-08
2168	UCART2	480359.83	3733252.05	480359.83, 3	6.19E-04	5.77E-03	9.06E-05	2.17E-04	1.4E-07	1.3E-06	2.0E-08	4.8E-08	1.6E-09	5.0E-07	2.4E-10	1.9E-08	4.85E-07	4.86E-07	1.82E-08	1.84E-08
2169	UCART2	480409.83	3733252.05	480409.83, 3	5.78E-04	5.37E-03	8.47E-05	2.14E-04	1.3E-07	1.2E-06	1.9E-08	4.7E-08	1.5E-09	4.7E-07	2.2E-10	1.9E-08	4.51E-07	4.53E-07	1.80E-08	1.82E-08
2170	UCART2	480459.83	3733252.05	480459.83, 3	5.45E-04	5.04E-03	7.99E-05	2.12E-04	1.2E-07	1.1E-06	1.8E-08	4.7E-08	1.4E-09	4.4E-07	2.1E-10	1.8E-08	4.23E-07	4.25E-07	1.78E-08	1.80E-08
2171	UCART2	480509.83	3733252.05	480509.83, 3	5.18E-04	4.76E-03	7.61E-05	2.10E-04	1.1E-07	1.0E-06	1.7E-08	4.6E-08	1.4E-09	4.1E-07	2.0E-10	1.8E-08	4.00E-07	4.01E-07	1.76E-08	1.78E-08
2172	UCART2	480559.83	3733252.05	480559.83, 3	4.96E-04	4.52E-03	7.29E-05	2.09E-04	1.1E-07	1.0E-06	1.6E-08	4.6E-08	1.3E-09	3.9E-07	1.9E-10	1.8E-08	3.80E-07	3.81E-07	1.75E-08	1.77E-08
2173	UCART2	480609.83	3733252.05	480609.83, 3	4.79E-04	4.32E-03	7.04E-05	2.08E-04	1.1E-07	9.5E-07	1.6E-08	4.6E-08	1.3E-09	3.7E-07	1.9E-10	1.8E-08	3.63E-07	3.64E-07	1.75E-08	1.77E-08
2174	UCART2	480659.83	3733252.05	480659.83, 3	4.65E-04	4.16E-03	6.84E-05	2.08E-04	1.0E-07	9.2E-07	1.5E-08	4.6E-08	1.2E-09	3.6E-07	1.8E-10	1.8E-08	3.50E-07	3.51E-07	1.75E-08	1.77E-08
2175	UCART2	480709.83	3733252.05	480709.83, 3	4.55E-04	4.03E-03	6.69E-05	2.08E-04	1.0E-07	8.9E-07	1.5E-08	4.6E-08	1.2E-09	3.5E-07	1.8E-10	1.8E-08	3.39E-07	3.40E-07	1.75E-08	1.77E-08
2176	UCART2	480759.83	3733252.05	480759.83, 3	4.47E-04	3.93E-03	6.58E-05	2.09E-04	9.9E-08	8.7E-07	1.5E-08	4.6E-08	1.2E-09	3.4E-07	1.7E-10	1.8E-08	3.30E-07	3.31E-07	1.75E-08	1.77E-08
2177	UCART2	480809.83	3733252.05	480809.83, 3	4.43E-04	3.86E-03	6.52E-05	2.10E-04	9.8E-08	8.5E-07	1.4E-08	4.6E-08	1.2E-09	3.3E-07	1.7E-10	1.8E-08	3.24E-07	3.25E-07	1.76E-08	1.78E-08
2178	UCART2	480859.83	3733252.05	480859.83, 3	4.42E-04	3.81E-03	6.50E-05	2.11E-04	9.8E-08	8.4E-07	1.4E-08	4.7E-08	1.2E-09	3.3E-07	1.7E-10	1.8E-08	3.20E-07	3.21E-07	1.77E-08	1.79E-08
2179	UCART2	480909.83	3733252.05	480909.83, 3	4.44E-04	3.79E-03	6.52E-05	2.13E-04	9.8E-08	8.4E-07	1.4E-08	4.7E-08	1.2E-09	3.3E-07	1.7E-10	1.8E-08	3.19E-07	3.20E-07	1.79E-08	1.80E-08
2180	UCART2	480959.83	3733252.05	480959.83, 3	4.50E-04	3.81E-03	6.59E-05	2.15E-04	9.9E-08	8.4E-07	1.5E-08	4.7E-08	1.2E-09	3.3E-07	1.7E-10	1.9E-08	3.20E-07	3.21E-07	1.81E-08	1.82E-08
2181	UCART2	481009.83	3733252.05	481009.83, 3	4.58E-04	3.85E-03	6.71E-05	2.18E-04	1.0E-07	8.5E-07	1.5E-08	4.8E-08	1.2E-09	3.3E-07	1.8E-10	1.9E-08	3.23E-07	3.24E-07	1.83E-08	1.85E-08
2182	UCART2	481059.83	3733252.05	481059.83, 3	4.71E-04	3.92E-03	6.88E-05	2.22E-04	1.0E-07	8.6E-07	1.5E-08	4.9E-08	1.2E-09	3.4E-07	1.8E-10	1.9E-08	3.29E-07	3.31E-07	1.87E-08	1.88E-08
2183	UCART2	481109.83	3733252.05	481109.83, 3	4.87E-04	4.03E-03	7.11E-05	2.27E-04	1.1E-07	8.9E-07	1.6E-08	5.0E-08	1.3E-09	3.5E-07	1.9E-10	2.0E-08	3.39E-07	3.40E-07	1.91E-08	1.93E-08
2184	UCART2	481159.83	3733252.05	481159.83, 3	5.09E-04	4.19E-03	7.40E-05	2.33E-04	1.1E-07	9.2E-07	1.6E-08	5.1E-08	1.3E-09	3.6E-07	1.9E-10	2.0E-08	3.52E-07	3.53E-07	1.96E-08	1.98E-08
2185	UCART2	481209.83	3733252.05	481209.83, 3	5.36E-04	4.39E-03	7.78E-05	2.41E-04	1.2E-07	9.7E-07	1.7E-08	5.3E-08	1.4E-09	3.8E-07	2.0E-10	2.1E-08	3.69E-07	3.70E-07	2.03E-08	2.05E-08
2186	UCART2	481259.83	3733252.05	481259.83, 3	5.69E-04	4.66E-03	8.23E-05	2.51E-04	1.3E-07	1.0E-06	1.8E-08	5.5E-08	1.5E-09	4.0E-07	2.2E-10	2.2E-08	3.91E-07	3.93E-07	2.11E-08	2.13E-08
2187	UCART2	481309.83	3733252.05	481309.83, 3	6.10E-04	4.99E-03	8.79E-05	2.62E-04	1.3E-07	1.1E-06	1.9E-08	5.8E-08	1.6E-09	4.3E-07	2.3E-10	2.3E-08	4.19E-07	4.21E-07	2.20E-08	2.22E-08
2188	UCART2	481359.83	3733252.05	481359.83, 3	6.56E-04	5.41E-03	9.46E-05	2.75E-04	1.5E-07	1.2E-06	2.1E-08	6.1E-08	1.7E-09	4.7E-07	2.5E-10	2.4E-08	4.54E-07	4.56E-07	2.32E-08	2.34E-08
2189	UCART2	481409.83	3733252.05	481409.83, 3	7.14E-04	5.93E-03	1.02E-04	2.89E-04	1.6E-07	1.3E-06	2.3E-08	6.4E-08	1.9E-09	5.1E-07	2.7E-10	2.5E-08	4.98E-07	5.00E-07	2.42E-08	2.45E-08
2190	UCART2	481459.83	3733252.05	481459.83, 3	7.79E-04	6.56E-03	1.11E-04	3.03E-04	1.7E-07	1.4E-06	2.5E-08	6.7E-08	2.1E-09	5.7E-07	2.9E-10	2.6E-08	5.51E-07	5.53E-07	2.55E-08	2.58E-08
2191	UCART2	481509.83	3733252.05	481509.83, 3	8.53E-04	7.32E-03	1.22E-04	3.19E-04	1.9E-07	1.6E-06	2.7E-08	7.0E-08	2.2E-09	6.3E-07	3.2E-10	2.8E-08	6.15E-07	6.17E-07	2.68E-08	2.71E-08
2192	UCART2	481559.83	3733252.05	481559.83, 3	9.36E-04	8.23E-03	1.33E-04	3.41E-04	2.1E-07	1.8E-06	2.9E-08	7.5E-08	2.5E-09	7.1E-07	3.5E-10	3.0E-08	6.91E-07	6.94E-07	2.87E-08	2.90E-08
2193	UCART2	481609.83	3733252.05	481609.83, 3	1.03E-03	9.28E-03	1.46E-04	3.85E-04	2.3E-07	2.0E-06	3.2E-08	8.5E-08	2.7E-09	8.0E-07	3.8E-10	3.3E-08	7.79E-07	7.82E-07	3.24E-08	3.27E-08
2194	UCART2	481659.83	3733252.05	481659.83, 3	1.13E-03	1.04E-02	1.60E-04	4.65E-04	2.5E-07	2.3E-06	3.5E-08	1.0E-07	3.0E-09	9.0E-07	4.2E-10	4.0E-08	8.77E-07	8.80E-07	3.91E-08	3.95E-08
2195	UCART2	479709.83	3733302.05	479709.83, 3	1.03E-02	3.95E-02	1.49E-03	1.37E-03	2.3E-06	8.7E-06	3.3E-07	3.0E-07	2.7E-08	3.4E-06	3.9E-09	1.2E-07	3.32E-06	3.34E-06	1.15E-07	1.19E-07
2196	UCART2	479759.83	3733302.05	479759.83, 3	6.68E-03	3.05E-02	9.60E-04	7.66E-04	1.5E-06	6.7E-06	2.1E-07	1.7E-07	1.8E-08	2.6E-06	2.5E-09	6.6E-08	2.56E-06	2.58E-06	6.44E-08	6.69E-08
2197	UCART2	479809.83	3733302.05	479809.83, 3	4.39E-03	2.41E-02	6.31E-04	5.59E-04	9.7E-07	5.3E-06	1.4E-07	1.2E-07	1.2E-08	2.1E-06	1.7E-09	4.8E-08	2.03E-06	2.04E-06	4.70E-08	4.86E-08
2198	UCART2	479859.83	3733302.05	479859.83, 3	3.05E-03	1.96E-02	4.39E-04	4.48E-04	6.7E-07	4.3E-06	9.7E-08	9.9E-08	8.0E-09	1.7E-06	1.2E-09	3.9E-08	1.65E-06	1.66E-06	3.76E-08	3.88E-08
2199	UCART2	479909.83	3733302.05	479909.83, 3	2.27E-03	1.63E-02	3.27E-04	3.79E-04	5.0E-07	3.6E-06	7.2E-08	8.4E-08	6.0E-09	1.4E-06	8.6E-10	3.3E-08	1.37E-06	1.37E-06	3.18E-08	3.27E-08
2200	UCART2	479959.83	3733302.05	479959.83, 3	1.78E-03	1.38E-02	2.56E-04	3.33E-04	3.9E-07	3.0E-06	5.7E-08	7.3E-08	4.7E-09	1.2E-06	6.8E-10	2.9E-08	1.16E-06	1.16E-06	2.80E-08	2.87E-08
2201	UCART2	480009.83	3733302.05	480009.83, 3	1.44E-03	1.19E-02	2.08E-04	3.03E-04	3.2E-07	2.6E-06	4.6E-08	6.7E-08	3.8E-09	1.0E-06	5.5E-10	2.6E-08	9.96E-07	1.00E-06	2.55E-08	2.60E-08
2202	UCART2	480059.83	3733302.05	480059.83, 3	1.20E-03	1.04E-02	1.75E-04	2.82E-04	2.7E-07	2.3E-06	3.8E-08	6.2E-08	3.2E-09	9.0E-07	4.6E-10	2.4E-08	8.70E-07	8.73E-07	2.37E-08	2.41E-08
2203	UCART2	480109.83	3733302.05	480109.83, 3	1.03E-03	9.17E-03	1.50E-04	2.67E-04	2.3E-07	2.0E-06	3.3E-08	5.9E-08	2.7E-09	7.9E-07	4.0E-10	2.3E-08	7.71E-07	7.73E-07	2.25E-08	2.29E-08
2204	UCART2	480159.83	3733302.05	480159.83, 3	9.04E-04	8.20E-03	1.32E-04	2.57E-04	2.0E-07	1.8E-06	2.9E-08	5.7E-08	2.4E-09	7.1E-07	3.5E-10	2.2E-08	6.89E-07	6.91E-07	2.16E-08	2.20E-08
2205	UCART2	480209.83	3733302.05	480209.83, 3	8.06E-04	7.41E-03	1.18E-04	2.51E-04	1.8E-07	1.6E-06	2.6E-08	5.5E-08	2.1E-09	6.4E-07	3.1E-10	2.2E-08	6.22E-07	6.24E-07	2.10E-08	2.14E-08
2206	UCART2	480259.83	3733302.05	480259.83, 3	7.28E-04	6.75E-03	1.07E-04	2.44E-04	1.6E-07	1.5E-06	2.3E-08	5.4E-08	1.9E-09	5.8E-07	2.8E-10	2.1E-08	5.67E-07	5.69E-07	2.05E-08	2.08E-08
2207	UCART2	480309.83	3733302.05	480309.83, 3	6.67E-04	6.20E-03	9.77E-05	2.40E-04	1.5E-07	1.4E-06

2262	UCART2	481059.83	3733352.05	481059.83, 3	4.83E-04	4.07E-03	7.13E-05	2.71E-04	1.1E-07	9.0E-07	1.6E-08	6.0E-08	1.3E-09	3.5E-07	1.9E-10	2.3E-08	3.42E-07	3.43E-07	2.28E-08	2.29E-08
2263	UCART2	481109.83	3733352.05	481109.83, 3	5.04E-04	4.21E-03	7.42E-05	2.76E-04	1.1E-07	9.3E-07	1.6E-08	6.1E-08	1.3E-09	3.7E-07	2.0E-10	2.4E-08	3.54E-07	3.55E-07	2.32E-08	2.34E-08
2264	UCART2	481159.83	3733352.05	481159.83, 3	5.32E-04	4.41E-03	7.81E-05	2.82E-04	1.2E-07	9.7E-07	1.7E-08	6.2E-08	1.4E-09	3.8E-07	2.1E-10	2.4E-08	3.71E-07	3.72E-07	2.37E-08	2.39E-08
2265	UCART2	481209.83	3733352.05	481209.83, 3	5.69E-04	4.67E-03	8.32E-05	2.90E-04	1.3E-07	1.0E-06	1.8E-08	6.4E-08	1.5E-09	4.0E-07	2.2E-10	2.5E-08	3.93E-07	3.94E-07	2.44E-08	2.46E-08
2266	UCART2	481259.83	3733352.05	481259.83, 3	6.17E-04	5.02E-03	8.98E-05	3.00E-04	1.4E-07	1.1E-06	2.0E-08	6.6E-08	1.6E-09	4.3E-07	2.4E-10	2.6E-08	4.22E-07	4.23E-07	2.52E-08	2.55E-08
2267	UCART2	481309.83	3733352.05	481309.83, 3	6.77E-04	5.47E-03	9.82E-05	3.13E-04	1.5E-07	1.2E-06	2.2E-08	6.9E-08	1.8E-09	4.7E-07	2.6E-10	2.7E-08	4.60E-07	4.62E-07	2.63E-08	2.65E-08
2268	UCART2	481359.83	3733352.05	481359.83, 3	7.55E-04	6.07E-03	1.09E-04	3.29E-04	1.7E-07	1.3E-06	2.4E-08	7.3E-08	2.0E-09	5.3E-07	2.9E-10	2.9E-08	5.10E-07	5.12E-07	2.77E-08	2.79E-08
2269	UCART2	481409.83	3733352.05	481409.83, 3	8.54E-04	6.85E-03	1.23E-04	3.50E-04	1.9E-07	1.5E-06	2.7E-08	7.7E-08	2.3E-09	5.9E-07	3.2E-10	3.0E-08	5.75E-07	5.77E-07	2.94E-08	2.97E-08
2270	UCART2	481459.83	3733352.05	481459.83, 3	9.79E-04	7.88E-03	1.40E-04	3.74E-04	2.2E-07	1.7E-06	3.1E-08	8.3E-08	2.6E-09	6.8E-07	3.7E-10	3.2E-08	6.62E-07	6.65E-07	3.15E-08	3.18E-08
2271	UCART2	481509.83	3733352.05	481509.83, 3	1.13E-03	9.26E-03	1.62E-04	4.03E-04	2.5E-07	2.0E-06	3.6E-08	8.9E-08	3.0E-09	8.0E-07	4.3E-10	3.5E-08	7.78E-07	7.81E-07	3.39E-08	3.43E-08
2272	UCART2	481559.83	3733352.05	481559.83, 3	1.32E-03	1.11E-02	1.88E-04	4.35E-04	2.9E-07	2.4E-06	4.1E-08	9.6E-08	3.5E-09	9.6E-07	4.9E-10	3.8E-08	9.32E-07	9.36E-07	3.66E-08	3.70E-08
2273	UCART2	481609.83	3733352.05	481609.83, 3	1.54E-03	1.35E-02	2.18E-04	4.78E-04	3.4E-07	3.0E-06	4.8E-08	1.1E-07	4.1E-09	1.2E-06	5.7E-10	4.1E-08	1.14E-06	1.14E-06	4.02E-08	4.08E-08
2274	UCART2	481659.83	3733352.05	481659.83, 3	1.78E-03	1.67E-02	2.52E-04	5.79E-04	3.9E-07	3.7E-06	5.6E-08	1.3E-07	4.7E-09	1.4E-06	6.6E-10	5.0E-08	1.40E-06	1.40E-06	4.86E-08	4.93E-08
2275	UCART2	479709.83	3733402.05	479709.83, 3	2.16E-02	4.47E-02	3.10E-03	1.41E-03	4.8E-06	9.9E-06	6.8E-07	3.1E-07	5.7E-08	3.9E-06	8.2E-09	1.2E-07	3.76E-06	3.81E-06	1.18E-07	1.26E-07
2276	UCART2	479759.83	3733402.05	479759.83, 3	8.34E-03	3.02E-02	1.20E-03	7.00E-04	1.8E-06	6.7E-06	2.6E-07	1.5E-07	2.2E-08	2.6E-06	3.1E-09	6.1E-08	2.54E-06	2.56E-06	5.88E-08	6.19E-08
2277	UCART2	479809.83	3733402.05	479809.83, 3	4.61E-03	2.28E-02	6.62E-04	5.27E-04	1.0E-06	5.0E-06	1.5E-07	1.2E-07	1.2E-08	2.0E-06	1.7E-09	4.6E-08	1.92E-06	1.93E-06	4.43E-08	4.60E-08
2278	UCART2	479859.83	3733402.05	479859.83, 3	3.03E-03	1.83E-02	4.36E-04	4.44E-04	6.7E-07	4.0E-06	9.6E-08	9.8E-08	8.0E-09	1.6E-06	1.1E-09	3.8E-08	1.54E-06	1.54E-06	3.73E-08	3.84E-08
2279	UCART2	479909.83	3733402.05	479909.83, 3	2.21E-03	1.52E-02	3.18E-04	3.96E-04	4.9E-07	3.3E-06	7.0E-08	8.7E-08	5.8E-09	1.3E-06	8.4E-10	3.4E-08	1.28E-06	1.28E-06	3.33E-08	3.41E-08
2280	UCART2	479959.83	3733402.05	479959.83, 3	1.71E-03	1.29E-02	2.48E-04	3.67E-04	3.8E-07	2.8E-06	5.5E-08	8.1E-08	4.5E-09	1.1E-06	6.5E-10	3.2E-08	1.09E-06	1.09E-06	3.08E-08	3.15E-08
2281	UCART2	480009.83	3733402.05	480009.83, 3	1.39E-03	1.12E-02	2.02E-04	3.46E-04	3.1E-07	2.5E-06	4.5E-08	7.6E-08	3.7E-09	9.7E-07	5.3E-10	3.0E-08	9.42E-07	9.46E-07	2.90E-08	2.96E-08
2282	UCART2	480059.83	3733402.05	480059.83, 3	1.17E-03	9.86E-03	1.70E-04	3.32E-04	2.6E-07	2.2E-06	3.8E-08	7.3E-08	3.1E-09	8.5E-07	4.5E-10	2.9E-08	8.29E-07	8.32E-07	2.79E-08	2.83E-08
2283	UCART2	480109.83	3733402.05	480109.83, 3	1.00E-03	8.73E-03	1.47E-04	3.21E-04	2.2E-07	1.9E-06	3.2E-08	7.1E-08	2.6E-09	7.6E-07	3.9E-10	2.8E-08	7.38E-07	7.40E-07	2.70E-08	2.74E-08
2284	UCART2	480159.83	3733402.05	480159.83, 3	8.83E-04	7.90E-03	1.30E-04	3.13E-04	1.9E-07	1.7E-06	2.9E-08	6.9E-08	2.3E-09	6.8E-07	3.4E-10	2.7E-08	6.64E-07	6.66E-07	2.63E-08	2.66E-08
2285	UCART2	480209.83	3733402.05	480209.83, 3	7.89E-04	7.18E-03	1.16E-04	3.07E-04	1.7E-07	1.6E-06	2.6E-08	6.8E-08	2.1E-09	6.2E-07	3.1E-10	2.7E-08	6.03E-07	6.05E-07	2.58E-08	2.61E-08
2286	UCART2	480259.83	3733402.05	480259.83, 3	7.16E-04	6.58E-03	1.06E-04	3.02E-04	1.6E-07	1.5E-06	2.3E-08	6.7E-08	1.9E-09	5.7E-07	2.8E-10	2.6E-08	5.52E-07	5.54E-07	2.54E-08	2.57E-08
2287	UCART2	480309.83	3733402.05	480309.83, 3	6.57E-04	6.07E-03	9.74E-05	2.99E-04	1.4E-07	1.3E-06	2.1E-08	6.6E-08	1.7E-09	5.3E-07	2.6E-10	2.6E-08	5.10E-07	5.12E-07	2.51E-08	2.53E-08
2288	UCART2	480359.83	3733402.05	480359.83, 3	6.10E-04	5.65E-03	9.06E-05	2.96E-04	1.3E-07	1.2E-06	2.0E-08	6.5E-08	1.6E-09	4.9E-07	2.4E-10	2.6E-08	4.75E-07	4.76E-07	2.49E-08	2.51E-08
2289	UCART2	480409.83	3733402.05	480409.83, 3	5.71E-04	5.29E-03	8.51E-05	2.94E-04	1.3E-07	1.2E-06	1.9E-08	6.5E-08	1.5E-09	4.6E-07	2.2E-10	2.5E-08	4.45E-07	4.46E-07	2.47E-08	2.49E-08
2290	UCART2	480459.83	3733402.05	480459.83, 3	5.40E-04	4.99E-03	8.06E-05	2.93E-04	1.2E-07	1.1E-06	1.8E-08	6.5E-08	1.4E-09	4.3E-07	2.1E-10	2.5E-08	4.19E-07	4.21E-07	2.46E-08	2.48E-08
2291	UCART2	480509.83	3733402.05	480509.83, 3	5.14E-04	4.74E-03	7.70E-05	2.92E-04	1.1E-07	1.0E-06	1.7E-08	6.4E-08	1.4E-09	4.1E-07	2.0E-10	2.5E-08	3.98E-07	3.99E-07	2.45E-08	2.47E-08
2292	UCART2	480559.83	3733402.05	480559.83, 3	4.94E-04	4.52E-03	7.40E-05	2.91E-04	1.1E-07	1.0E-06	1.6E-08	6.4E-08	1.3E-09	3.9E-07	1.9E-10	2.5E-08	3.80E-07	3.81E-07	2.44E-08	2.46E-08
2293	UCART2	480609.83	3733402.05	480609.83, 3	4.77E-04	4.35E-03	7.16E-05	2.91E-04	1.1E-07	9.6E-07	1.6E-08	6.4E-08	1.3E-09	3.8E-07	1.9E-10	2.5E-08	3.65E-07	3.66E-07	2.44E-08	2.46E-08
2294	UCART2	480659.83	3733402.05	480659.83, 3	4.64E-04	4.20E-03	6.98E-05	2.91E-04	1.0E-07	9.3E-07	1.5E-08	6.4E-08	1.2E-09	3.6E-07	1.8E-10	2.5E-08	3.53E-07	3.54E-07	2.44E-08	2.46E-08
2295	UCART2	480709.83	3733402.05	480709.83, 3	4.55E-04	4.09E-03	6.84E-05	2.92E-04	1.0E-07	9.0E-07	1.5E-08	6.4E-08	1.2E-09	3.5E-07	1.8E-10	2.5E-08	3.43E-07	3.45E-07	2.45E-08	2.47E-08
2296	UCART2	480759.83	3733402.05	480759.83, 3	4.49E-04	4.00E-03	6.75E-05	2.92E-04	9.9E-08	8.8E-07	1.5E-08	6.4E-08	1.2E-09	3.5E-07	1.8E-10	2.5E-08	3.36E-07	3.38E-07	2.46E-08	2.47E-08
2297	UCART2	480809.83	3733402.05	480809.83, 3	4.46E-04	3.95E-03	6.71E-05	2.93E-04	9.8E-08	8.7E-07	1.5E-08	6.5E-08	1.2E-09	3.4E-07	1.8E-10	2.5E-08	3.32E-07	3.33E-07	2.46E-08	2.48E-08
2298	UCART2	480859.83	3733402.05	480859.83, 3	4.47E-04	3.92E-03	6.70E-05	2.95E-04	9.8E-08	8.6E-07	1.5E-08	6.5E-08	1.2E-09	3.4E-07	1.8E-10	2.6E-08	3.29E-07	3.31E-07	2.48E-08	2.50E-08
2299	UCART2	480909.83	3733402.05	480909.83, 3	4.50E-04	3.92E-03	6.75E-05	2.97E-04	9.9E-08	8.6E-07	1.5E-08	6.5E-08	1.2E-09	3.4E-07	1.8E-10	2.6E-08	3.29E-07	3.31E-07	2.49E-08	2.51E-08
2300	UCART2	480959.83	3733402.05	480959.83, 3	4.58E-04	3.96E-03	6.85E-05	2.99E-04	1.0E-07	8.7E-07	1.5E-08	6.6E-08	1.2E-09	3.4E-07	1.8E-10	2.6E-08	3.32E-07	3.34E-07	2.51E-08	2.53E-08
2301	UCART2	481009.83	3733402.05	481009.83, 3	4.70E-04	4.03E-03	7.01E-05	3.02E-04	1.0E-07	8.9E-07	1.5E-08	6.7E-08	1.2E-09	3.5E-07	1.8E-10	2.6E-08	3.38E-07	3.39E-07	2.54E-08	2.56E-08
2302	UCART2	481059.83	3733402.05	481059.83, 3	4.86E-04	4.14E-03	7.24E-05	3.06E-04	1.1E-07	9.1E-07	1.6E-08	6.8E-08	1.3E-09	3.6E-07	1.9E-10	2.7E-08	3.47E-07	3.49E-07	2.57E-08	2.59E-08
2303	UCART2	481109.83	3733402.05	481109.83, 3	5.10E-04	4.29E-03	7.56E-05	3.11E-04	1.1E-07	9.5E-07	1.7E-08	6.9E-08	1.3E-09	3.7E-07	2.0E-10	2.7E-08	3.61E-07	3.62E-07	2.62E-08	2.64E-08
2304	UCART2	481159.83	3733402.05	481159.83, 3	5.41E-04	4.51E-03	7.99E-05	3.18E-04	1.2E-07	9.9E-07	1.8E-08	7.0E-08	1.4E-09	3.9E-07	2.1E-10	2.8E-08	3.79E-07	3.80E-07	2.67E-08	2.69E-08
2305	UCART2	481209.83	3733402.05	481209.83, 3	5.82E-04	4.80E-03	8.56E-05	3.26E-04	1.3E-07	1.1E-06	1.9E-08	7.2E-08	1.5E-09	4.2E-07	2.3E-10	2.8E-08	4.03E-07	4.04E-07	2.74E-08	2.76E-08
2306	UCART2	481259.83	3733402.05	481259.83, 3	6.36E-04	5.18E-03	9.31E-05	3.36E-04	1.4E-07	1.1E-06	2.1E-08	7.4E-08	1.7E-09	4.5E-07	2.5E-10	2.9E-08	4.35E-07	4.37E-07	2.82E-08	2.84E-08
2307	UCART2	481309.83	3733402.05	481309.83, 3	7.07E-04	5.68E-03	1.03E-04	3.48E-04	1.6E-07	1.3E-06	2.3E-08	7.7E-08	1.9E-09	4.9E-07	2.7E-10	3.0E-08	4.77E-07	4.79E-07	2.92E-08	2.95E-08
2308	UCART2	481359.83	3733402.05	481359.83, 3	8.03E-04	6.35E-03	1.16E-04	3.64E-04	1.8E-07	1.4E-06	2.6E-08	8.0E-08	2.1E-09	5.5E-07	3.1E-10	3.2E-08	5.34E-07	5.36E-07	3.06E-08	3.09E-08
2309	UCART2	481409.83	3733402.05	481409.83, 3	9.31E-04	7.26E-03	1.34E-04	3.85E-04	2.1E-07	1.6E-06	3.0E-08	8.5E-08	2.5E-09	6.3E-07	3.5E-10	3.3E-08	6.10E-07	6.13E-07	3.24E-08	3.27E-08
2310	UCART2	481459.83	3733402.05	481459.83, 3	1.10E-03	8.51E-03	1.58E-04	4.13E-04	2.4E-07	1.9E-06	3.5E-08	9.1E-08	2.9E-09	7.4E-07	4.2E-10	3.6E-08	7.15E-07	7.18E-07	3.47E-08	3.51E-08
2311	UCART2	481509.83	3733402.05	481509.83, 3	1.34E-03	1.03E-02	1.90E-04	4.50E-04	2.9E-07	2.3E-06	4.2E-08	9.9E-08	3.5E-09	8.9E-07	5.0E-10	3.9E-08	8.63E-07	8.67E-07	3.78E-08	3.83E-08
2312	UCART2	481559.83	3733402.05	481559.83, 3	1.64E-03	1.28E-02	2.33E-04	4.95E-04	3.6E-07	2.8E-06	5.1E-08	1.1E-07	4.3E-09	1.1E-06	6.1E-10	4.3E-08	1.08E-06	1.08E-06	4.16E-08	4.22E-08
2313	UCART2	481609.83	3733402.05	481609.83, 3	2.03E-03	1.65E-02	2.88E-04	5.41E-04	4.5E-07	3.6E-06	6.3E-08	1.2E-07	5.4E-09	1.4E-06	7.6E-10	4.7E-08	1.39E-06	1.39E-06	4.55E-08	4.62E-08
2314	UCART2	481659.83	3733402.05	481659.83, 3	2.49E-03	2.19E-02	3.52E-04	6.24E-04	5.5E-07	4.8E-06	7.8E-08	1.4E-07	6.6E-09	1.9E-06	9.3E-10	5.4E-08	1.84E-06	1.85E-06	5.24E-08	5.34E-08
2315	UCART2	479709.83	3733452.05	479709.83, 3	2.17E-02	4.54E-02	3.11E-03	1.44E-03	4.8E-06	1.0E-05	6.9E-07	3.2E-07	5.7E-08	3.9E-06	8.2E-09	1.2E-07	3.81E-06	3.87E-06	1.21E-07	1.29E-07
2316	UCART2	479759.83	3733452.05	479759.83, 3	7.97E-03	2.94E-02	1.14E-03	7.20E-04	1.8E-06	6.5E-06	2.5E-07	1.6E-07	2.1E-08	2.5E-06	3.0E-09	6.2E-08	2.47E-06	2.49E-06	6.05E-08	6.35E-08
2317	UCART2	479809.83	3733452.05	479809.83, 3	4.41E-03	2.19E-02	6.34E-04	5.53E-04	9.7E-07	4.8E-06	1.4E-07	1.2E-07	1.2E-08	1.9E-06	1.7E-09	4.8E-08	1.84E-06	1.85E-06	4.64E-08	4.81E-08
2318	UCART2	479859.83	3733452.05	479859.83, 3	2.91E-03	1.75E-02	4.20E-04	4.76E-04	6.4E-07	3.9E-06	9.3E-08	1.1E-07	7.7E-09	1.5E-06	1.1E-09	5.1E-08	1.47E-06	1.48E-06	4.00E-08	4.11E-08
2319	UCART2	479909.83	3733452.05	479909.83, 3	2.13E-03	1.46E-02	3.08E-04	4.33E-04	4.7E-07	3.2E-06	6.8E-08	9.6E-08	5.6E-09	1.3E-06	8.1E-10	3.8E-08	1.22E-06	1.23E-06	3.64E-08	3.72E-08
2320	UCART2	479959.83	3733452.05	479959.83, 3	1.66E-03	1.24E-02	2.41E-04	4.05E-04	3.7E-07	2.7E-06	5.3E-08	8.9E-08	4.4E-09	1.1E-06	6.4E-10	3.5E-08	1.04E-06	1.05E-06	3.40E-08	3.47E-08
2321	UCART2	480009.83	3733452.05	480009.83, 3	1.35E-03	1.08E-02	1.98E-04	3.88E-04	3.0E-07	2.4E-06	4.4E-08	8.6E-08	3.6E-09	9.4E-07	5.2E-10	3.4E-08	9.09E-07	9.12E-07	3.26E-08	3.31E-08
2322	UCART2	480059.83	3733452.05	480059.83, 3	1.14E-03	9.56E-03	1.67E-04	3.75E-04	2.5E-07	2.1E-06	3.7E-08	8.3E-08	3.0E-09	8.3E-07	4.4E-10	3.2E-08	8.03E-07	8.06E-07	3.15E-08	3.19E-08
2323	UCART2	480109.83	3733452.05	480109.83, 3	9.84E-04	8.55E-03	1.45E-04	3.65E-04	2.2E-07	1.9E-06	3.2E-08	8.1E-08	2.6E-09	7.4E-07	3.8E-10	3.2E-08	7.18E-07	7.20E-07	3.07E-08	3.10E-08
2324	UCART2	480159.83	3733452.05	480159.83, 3	8.68E-04	7.72E-03	1.28E-04	3.58E-04	1.9E-07	1.7E-06	2.8E-08	7.9E-08	2.3E-09	6.7E-07	3.4E-10	3.1E-08	6.49E-07	6.51E-07	3.01E-08	3.04E-08
2325	UCART2	480209.83	3733452.05	480209.83, 3	7.78E-04	7.04E-03	1.16E-04	3.52E-04	1.7E-07	1.6E-06	2.5E-08	7.8E-08	2.0E-09	6.1E-07	3.0E-10	3.1E-08	5.91E-07	5.93E-07	2.96E-08	2.99E-08
2326	UCART2	480259.83	3733452.05	480259.83, 3	7.07E-04	6.47E-03	1.05E-04	3.48E-04	1.6E-07	1.4E-06	2.3E-08	7.7E-08	1.9E-09	5.6E-07	2.8E-10	3.0E-08	5.44E-07	5.46E-07	2.92E-08	2.95E-08
2327	UCART2	480309.83	3733452.05	480309.83, 3	6.50E-04	6.00E-03	9.73E-05	3.45E-04	1.4E-07	1.3E-06	2.1E-08	7.6E-08	1.7E-09	5.2E-07	2.6E-10	3.0E-08	5.04E-07	5.05E-07	2.90E-08	2.92E-08
2328	UCART2	480359.83	3733452.05	480359.83, 3	6.04E-04	5.59E-03	9.07E-05	3.43E-04	1.3E-07	1.2E-06	2.0E-08	7.6E-08	1.6E-09	4.8E-07	2.4E-10	3.0E-08	4.70E-07	4.72E-07	2.88E-08	2.90E-08
2329	UCART2	480409.83	3733452.05	480409.83, 3	5.67E-04	5.26E-03	8.54E-05	3.41E-04	1.3E-07	1.2E-06	1.9E-08	7.5E-08	1.5E-09	4.6E-07	2.2E-10	3.0E-08	4.42E-07	4.43E-07	2.86E-08	2.89E-08
2330	UCART2	480459.83	3733452.05	480459.83, 3	5.40E-04	4.97E-03	8.11E-05	3.40E-04	1.2E-07	1.1E-06	1.8E-08	7.5E-08	1.4E-09	4.3E-07	2.1E-10	3.0E-08	4.17E-07	4.19E-07	2.85E-08	2.88E-08
2331	UCART2	480509.83	3733452.05	480509.83, 3	5.12E-04	4.73E-03	7.75E-05	3.39E-04	1.1E-07	1.0E-06	1.7E-08	7.5E-08	1.3E-09	4.1E-07	2.0E-10	2.9E-08	3.97E-07	3.98E-07	2.85E-08	2.87E-08
2332	UCART2	480559.83	3733452.05	480559.83, 3	4.92E-04	4.52E-03	7.46E-05	3.39E-04	1.1E-07	1.0E-06	1.6E-08	7.5E-08	1.3E-09	3.9E-07	2.0E-10	2.9E-08	3.80E-07	3.81E-07	2.85E-08	2.87E-08
2333	UCART2	480609.83	3733452.05	480609.83, 3	4.76E-04	4.35E-03	7.23E-05	3.39E-04	1.0E-07	9.6E-07	1.6E-08	7.5E-08	1.3E-09	3.8E-07	1.9E-10	2.9E-08	3.66E-07	3.67E-07	2.85E-08	2.87E-08
2334	UCART2	480659.83	3733452.05	480659.83, 3	4.63E-04	4.22E-03	7.06E-05	3.39E-04	1.0E-07	9.3E-07	1.6E-08	7.5E-08	1.2E-09	3.7E-07	1.9E-10	2.9E-08	3.54E-07	3.55E-07	2.85E-08	2.87E-08
2335	UCART2	480709.83	3733452.05	480709.83, 3	4.55E-04	4.11E-03	6.93E-05	3.40E-04	1.0E-07	9.1E-07	1.5E-08	7.5E-08	1.2E-09	3.6E-07	1.8E-10	2.9E-08	3.45E-07	3.46E-07	2.85E-08	2.87E-08
2336	UCART2	480759.83	3733452.05	480759.83, 3	4.49E-04	4.03E-03	6.84E-05	3.40E-04	9.9E-08	8.9E-07	1.5E-08	7.5E-08	1.2E-09	3.5E-07	1.8E-10	2.9E-08	3.39E-07	3.40E-07	2.86E-08	2.88E-08
2337	UCART2	480809.83	3733452.05	480809.83, 3	4.46E-04	3.98E-03	6.80E-05	3.42E-04	9.8E-08	8.8E-07	1.5E-08	7.5E-08	1.2E-09	3.4E-07	1.8E-10	3.0E-08	3.34E-07	3.36E-07	2.87E-08	2.89E-08
2338	UCART2	480859.83	3733452.05	480859.83, 3	4.47E-04	3.96E-03	6.80E-05	3.43E-04	9.9E-08	8.7E-07	1.5E-08	7.6E-08	1.2E-09	3.4E-07	1.8E-10	3.0E-08	3.33E-07	3.34E-07	2.88E-08	2.90E-08
2339	UCART2	480909.83	3733452.05	480909.83, 3	4.51E-04	3.97E-03	6.86E-05	3.46E-04	9.9E-08	8.7E-07	1.5E-08	7.6E-08	1.2E-09	3.4E-07	1.8E-10	3.0E-08	3.33E-07	3.34E-07	2.90E-08	2.92E-08
2340	UCART2	480959.83	3733452.05	480959.83, 3	4.59E-04	4.01E-03	6.96E-05	3.48E-04	1.0E-07	8.8E-07	1.5E-08	7.7E-08	1.2E-09	3.5E-07	1.8E-10	3.0E-08	3.37E-07	3.38E-07	2.92E-08	2.94E-08
2341	UCART2	481009.83	3733452.05	481009.83, 3	4.71E-04	4.08E-03	7.13E-05	3.51E-04	1.0E-07	9.0E-07	1.6E-08	7.7E-08	1.2E-09	3.5E-07	1.9E-10	3.0E-08	3.43E-07	3.44E-07	2.95E-08	2.97E-08
2342	UCART2	481059.83	3733452.05	481059.83, 3	4.87E-04	4.18E-03	7.38E-05	3.55E-04	1.1E-07	9.3E-07	1.6E-08	7.8E-08	1.3E-09	3.6E-07	1.9E-10	3.1E-08	3.53E-07	3.54E-07	2.98E-08	3.00E-08
2343	UCART2	481109.83	3733452.05	481109.83, 3	5.14E-04	4.37E-03	7.71E-05	3.60E-04	1.1E-07	9.6E-07	1.7E-08	7.9E-08	1.4E-09	3.8E-07	2.0E-10	3.1E-08	3.67E-07	3.68E-07	3.03E-08	3.05E-08
2344	UCART2	481159.83	3733452.05	481159.83, 3	5.47E-04	4.60E-03	8.17E-05	3.66E-04	1.2E-07	1.0E-06	1.8E-08	8.1E-08	1.4E-09	4.0E-07	2.2E-10	3.2E-08	3.86E-07	3.88E-07	3.08E-08	3.10E-08
2345	UCART2	481209.83	3733452.05	481209.83, 3	5.91E-04	4.90E-03	8.78E-05	3.74E-04	1.3E-07	1.1E-06	1.9E-08	8.3E-08	1.6E-09	4.2E-07	2.3E-10	3.2E-08	4.12E-07	4.14E-07	3.15E-08	3.17E-08
2346	UCART2	481259.83	3733452.05	481259.83, 3	6.50E-04	5.31E-03	9.61E-05	3.85E-04	1.4E-07	1.2E-06	2.1E-08	8.5E-08	1.7E-09	4.6E-07	2.5E-10	3.3E-08	4.46E-07	4.48E-07	3.23E-08	3.26E-08
2347	UCART2	481309.83	3733452.05	481309.83, 3	7.31E-04	5.86E-03	1.07E-04	3.97E-04	1.6E-07	1.3E-06	2.4E-08	8.8E-08	1.9E-09	5.1E-07	2.8E-10	3.4E-08	4.92E-07	4.94E-07	3.34E-08	3.37E-08
2348	UCART2	481359.83	3733452.05	481359.83, 3	8.44E-04	6.60E-03	1.23E-04	4.14E-04	1.9E-07	1.5E-06	2.7E-08	9.1E-08	2.2E-09	5.7E-07	3.2E-10	3.6E-08	5.54E-07	5.56E-07	3.48E-08	3.51E-08
2349	UCART2	481409.83	3733452.05	481409.83, 3	1.00E-03	7.61E-03	1.45E-04	4.35E-04	2.2E-07	1.7E-06

2404	UCART2	480159.83	3733552.05	480159.83, 3	8.28E-04	7.36E-03	1.27E-04	5.35E-04	1.8E-07	1.6E-06	2.8E-08	1.2E-07	2.2E-09	6.4E-07	3.3E-10	4.6E-08	6.19E-07	6.21E-07	4.50E-08	4.53E-08
2405	UCART2	480209.83	3733552.05	480209.83, 3	7.48E-04	6.78E-03	1.15E-04	5.31E-04	1.6E-07	1.5E-06	2.5E-08	1.2E-07	2.0E-09	5.9E-07	3.0E-10	4.6E-08	5.70E-07	5.72E-07	4.46E-08	4.49E-08
2406	UCART2	480259.83	3733552.05	480259.83, 3	6.84E-04	6.30E-03	1.06E-04	5.28E-04	1.5E-07	1.4E-06	2.3E-08	1.2E-07	1.8E-09	5.5E-07	2.8E-10	4.6E-08	5.29E-07	5.31E-07	4.44E-08	4.47E-08
2407	UCART2	480309.83	3733552.05	480309.83, 3	6.33E-04	5.88E-03	9.89E-05	5.26E-04	1.4E-07	1.3E-06	2.2E-08	1.2E-07	1.7E-09	5.1E-07	2.6E-10	4.6E-08	4.94E-07	4.96E-07	4.42E-08	4.45E-08
2408	UCART2	480359.83	3733552.05	480359.83, 3	5.91E-04	5.53E-03	9.29E-05	5.25E-04	1.3E-07	1.2E-06	2.0E-08	1.2E-07	1.6E-09	4.8E-07	2.4E-10	4.5E-08	4.65E-07	4.66E-07	4.41E-08	4.43E-08
2409	UCART2	480409.83	3733552.05	480409.83, 3	5.57E-04	5.23E-03	8.81E-05	5.24E-04	1.2E-07	1.2E-06	1.9E-08	1.2E-07	1.5E-09	4.5E-07	2.3E-10	4.5E-08	4.40E-07	4.41E-07	4.40E-08	4.43E-08
2410	UCART2	480459.83	3733552.05	480459.83, 3	5.29E-04	4.98E-03	8.41E-05	5.24E-04	1.2E-07	1.1E-06	1.9E-08	1.2E-07	1.4E-09	4.3E-07	2.2E-10	4.5E-08	4.18E-07	4.20E-07	4.40E-08	4.42E-08
2411	UCART2	480509.83	3733552.05	480509.83, 3	5.06E-04	4.76E-03	8.08E-05	5.24E-04	1.1E-07	1.1E-06	1.8E-08	1.2E-07	1.3E-09	4.1E-07	2.1E-10	4.5E-08	4.00E-07	4.01E-07	4.40E-08	4.42E-08
2412	UCART2	480559.83	3733552.05	480559.83, 3	4.88E-04	4.58E-03	7.82E-05	5.24E-04	1.1E-07	1.0E-06	1.7E-08	1.2E-07	1.3E-09	4.0E-07	2.1E-10	4.5E-08	3.85E-07	3.86E-07	4.40E-08	4.42E-08
2413	UCART2	480609.83	3733552.05	480609.83, 3	4.73E-04	4.43E-03	7.61E-05	5.24E-04	1.0E-07	9.8E-07	1.7E-08	1.2E-07	1.2E-09	3.8E-07	2.0E-10	4.5E-08	3.72E-07	3.73E-07	4.41E-08	4.43E-08
2414	UCART2	480659.83	3733552.05	480659.83, 3	4.62E-04	4.31E-03	7.45E-05	5.25E-04	1.0E-07	9.5E-07	1.6E-08	1.2E-07	1.2E-09	3.7E-07	2.0E-10	4.6E-08	3.62E-07	3.63E-07	4.41E-08	4.43E-08
2415	UCART2	480709.83	3733552.05	480709.83, 3	4.54E-04	4.22E-03	7.33E-05	5.26E-04	1.0E-07	9.3E-07	1.6E-08	1.2E-07	1.2E-09	3.7E-07	1.9E-10	4.6E-08	3.54E-07	3.55E-07	4.42E-08	4.44E-08
2416	UCART2	480759.83	3733552.05	480759.83, 3	4.49E-04	4.15E-03	7.25E-05	5.28E-04	9.9E-08	9.2E-07	1.6E-08	1.2E-07	1.2E-09	3.6E-07	1.9E-10	4.6E-08	3.49E-07	3.50E-07	4.43E-08	4.45E-08
2417	UCART2	480809.83	3733552.05	480809.83, 3	4.47E-04	4.11E-03	7.23E-05	5.30E-04	9.9E-08	9.1E-07	1.6E-08	1.2E-07	1.2E-09	3.6E-07	1.9E-10	4.6E-08	3.45E-07	3.46E-07	4.45E-08	4.47E-08
2418	UCART2	480859.83	3733552.05	480859.83, 3	4.48E-04	4.10E-03	7.24E-05	5.32E-04	9.9E-08	9.0E-07	1.6E-08	1.2E-07	1.2E-09	3.6E-07	1.9E-10	4.6E-08	3.44E-07	3.45E-07	4.47E-08	4.49E-08
2419	UCART2	480909.83	3733552.05	480909.83, 3	4.53E-04	4.11E-03	7.30E-05	5.34E-04	1.0E-07	9.1E-07	1.6E-08	1.2E-07	1.2E-09	3.6E-07	1.9E-10	4.6E-08	3.46E-07	3.47E-07	4.49E-08	4.51E-08
2420	UCART2	480959.83	3733552.05	480959.83, 3	4.61E-04	4.16E-03	7.42E-05	5.37E-04	1.0E-07	9.2E-07	1.6E-08	1.2E-07	1.2E-09	3.6E-07	2.0E-10	4.7E-08	3.50E-07	3.51E-07	4.51E-08	4.53E-08
2421	UCART2	481009.83	3733552.05	481009.83, 3	4.75E-04	4.25E-03	7.60E-05	5.41E-04	1.0E-07	9.4E-07	1.7E-08	1.2E-07	1.2E-09	3.7E-07	2.0E-10	4.7E-08	3.57E-07	3.58E-07	4.54E-08	4.56E-08
2422	UCART2	481059.83	3733552.05	481059.83, 3	4.93E-04	4.37E-03	7.85E-05	5.45E-04	1.1E-07	9.6E-07	1.7E-08	1.2E-07	1.3E-09	3.8E-07	2.1E-10	4.7E-08	3.67E-07	3.69E-07	4.58E-08	4.60E-08
2423	UCART2	481109.83	3733552.05	481109.83, 3	5.19E-04	4.55E-03	8.21E-05	5.51E-04	1.1E-07	1.0E-06	1.8E-08	1.2E-07	1.4E-09	3.9E-07	2.2E-10	4.8E-08	3.82E-07	3.84E-07	4.63E-08	4.65E-08
2424	UCART2	481159.83	3733552.05	481159.83, 3	5.54E-04	4.79E-03	8.69E-05	5.57E-04	1.2E-07	1.1E-06	1.9E-08	1.2E-07	1.5E-09	4.2E-07	2.3E-10	4.8E-08	4.03E-07	4.04E-07	4.68E-08	4.70E-08
2425	UCART2	481209.83	3733552.05	481209.83, 3	6.01E-04	5.11E-03	9.35E-05	5.65E-04	1.3E-07	1.1E-06	2.1E-08	1.2E-07	1.6E-09	4.4E-07	2.5E-10	4.9E-08	4.30E-07	4.31E-07	4.75E-08	4.77E-08
2426	UCART2	481259.83	3733552.05	481259.83, 3	6.66E-04	5.55E-03	1.03E-04	5.76E-04	1.5E-07	1.2E-06	2.3E-08	1.3E-07	1.8E-09	4.8E-07	2.7E-10	5.0E-08	4.66E-07	4.68E-07	4.84E-08	4.87E-08
2427	UCART2	481309.83	3733552.05	481309.83, 3	7.58E-04	6.12E-03	1.15E-04	5.90E-04	1.7E-07	1.4E-06	2.5E-08	1.3E-07	2.0E-09	5.3E-07	3.0E-10	5.1E-08	5.14E-07	5.16E-07	4.95E-08	4.98E-08
2428	UCART2	481359.83	3733552.05	481359.83, 3	8.91E-04	6.91E-03	1.34E-04	6.08E-04	2.0E-07	1.5E-06	3.0E-08	1.3E-07	2.3E-09	6.0E-07	3.5E-10	5.3E-08	5.80E-07	5.83E-07	5.11E-08	5.14E-08
2429	UCART2	481409.83	3733552.05	481409.83, 3	1.10E-03	8.01E-03	1.62E-04	6.32E-04	2.4E-07	1.8E-06	3.6E-08	1.4E-07	2.9E-09	6.9E-07	4.3E-10	5.5E-08	6.73E-07	6.76E-07	5.31E-08	5.35E-08
2430	UCART2	481459.83	3733552.05	481459.83, 3	1.43E-03	9.60E-03	2.08E-04	6.66E-04	3.1E-07	2.1E-06	4.6E-08	1.5E-07	3.8E-09	8.3E-07	5.5E-10	5.8E-08	8.07E-07	8.11E-07	5.59E-08	5.65E-08
2431	UCART2	481509.83	3733552.05	481509.83, 3	2.01E-03	1.20E-02	2.89E-04	7.15E-04	4.4E-07	2.7E-06	6.4E-08	1.6E-07	5.3E-09	1.0E-06	7.6E-10	6.2E-08	1.01E-06	1.02E-06	6.01E-08	6.08E-08
2432	UCART2	481559.83	3733552.05	481559.83, 3	3.19E-03	1.60E-02	4.53E-04	7.85E-04	7.0E-07	3.5E-06	1.0E-07	1.7E-07	8.4E-09	1.4E-06	1.2E-09	6.8E-08	1.34E-06	1.35E-06	6.60E-08	6.72E-08
2433	UCART2	481609.83	3733552.05	481609.83, 3	6.23E-03	2.32E-02	8.75E-04	9.02E-04	1.4E-06	5.1E-06	1.9E-07	2.0E-07	1.6E-08	2.0E-06	2.3E-09	7.8E-08	1.95E-06	1.96E-06	7.58E-08	7.81E-08
2434	UCART2	481659.83	3733552.05	481659.83, 3	2.25E-02	3.88E-02	3.14E-03	1.28E-03	5.0E-06	8.6E-06	6.9E-07	2.8E-07	5.9E-08	3.4E-06	8.3E-09	1.1E-07	3.26E-06	3.32E-06	1.08E-07	1.16E-07
2435	UCART2	479709.83	3733602.05	479709.83, 3	5.35E-03	2.48E-02	8.06E-04	1.29E-03	1.2E-06	5.5E-06	1.8E-07	2.8E-07	1.4E-08	2.1E-06	2.1E-09	1.1E-07	2.08E-06	2.09E-06	1.08E-07	1.11E-07
2436	UCART2	479759.83	3733602.05	479759.83, 3	3.84E-03	1.98E-02	5.65E-04	9.31E-04	8.5E-07	4.4E-06	1.2E-07	2.1E-07	1.0E-08	1.7E-06	1.5E-09	8.1E-08	1.67E-06	1.68E-06	7.82E-08	7.97E-08
2437	UCART2	479809.83	3733602.05	479809.83, 3	2.81E-03	1.64E-02	4.16E-04	8.51E-04	6.2E-07	3.6E-06	9.2E-08	1.9E-07	7.4E-09	1.4E-06	1.1E-09	7.4E-08	1.38E-06	1.38E-06	7.15E-08	7.26E-08
2438	UCART2	479859.83	3733602.05	479859.83, 3	2.14E-03	1.39E-02	3.20E-04	8.16E-04	4.7E-07	3.1E-06	7.0E-08	1.8E-07	5.6E-09	1.2E-06	8.4E-10	7.1E-08	1.17E-06	1.18E-06	6.85E-08	6.94E-08
2439	UCART2	479909.83	3733602.05	479909.83, 3	1.70E-03	1.21E-02	2.56E-04	7.94E-04	3.7E-07	2.7E-06	5.7E-08	1.8E-07	4.5E-09	1.0E-06	6.8E-10	6.9E-08	1.02E-06	1.02E-06	6.67E-08	6.74E-08
2440	UCART2	479959.83	3733602.05	479959.83, 3	1.40E-03	1.07E-02	2.13E-04	7.81E-04	3.1E-07	2.4E-06	4.7E-08	1.7E-07	3.7E-09	9.3E-07	5.6E-10	6.8E-08	8.99E-07	9.02E-07	6.56E-08	6.62E-08
2441	UCART2	480009.83	3733602.05	480009.83, 3	1.18E-03	9.57E-03	1.82E-04	7.71E-04	2.6E-07	2.1E-06	4.0E-08	1.7E-07	3.1E-09	8.3E-07	4.8E-10	6.7E-08	8.04E-07	8.07E-07	6.48E-08	6.53E-08
2442	UCART2	480059.83	3733602.05	480059.83, 3	1.02E-03	8.66E-03	1.60E-04	7.64E-04	2.3E-07	1.9E-06	3.5E-08	1.7E-07	2.7E-09	7.5E-07	4.2E-10	6.6E-08	7.28E-07	7.31E-07	6.42E-08	6.46E-08
2443	UCART2	480109.83	3733602.05	480109.83, 3	9.01E-04	7.92E-03	1.43E-04	7.60E-04	2.0E-07	1.7E-06	3.1E-08	1.7E-07	2.4E-09	6.9E-07	3.8E-10	6.6E-08	6.65E-07	6.68E-07	6.38E-08	6.42E-08
2444	UCART2	480159.83	3733602.05	480159.83, 3	8.07E-04	7.29E-03	1.29E-04	7.57E-04	1.8E-07	1.6E-06	2.9E-08	1.7E-07	2.1E-09	6.3E-07	3.4E-10	6.6E-08	6.13E-07	6.15E-07	6.36E-08	6.39E-08
2445	UCART2	480209.83	3733602.05	480209.83, 3	7.33E-04	6.77E-03	1.19E-04	7.54E-04	1.6E-07	1.5E-06	2.6E-08	1.7E-07	1.9E-09	5.9E-07	3.1E-10	6.5E-08	5.69E-07	5.70E-07	6.34E-08	6.37E-08
2446	UCART2	480259.83	3733602.05	480259.83, 3	6.74E-04	6.32E-03	1.10E-04	7.53E-04	1.5E-07	1.4E-06	2.4E-08	1.7E-07	1.8E-09	5.5E-07	2.9E-10	6.5E-08	5.31E-07	5.33E-07	6.33E-08	6.35E-08
2447	UCART2	480309.83	3733602.05	480309.83, 3	6.26E-04	5.94E-03	1.04E-04	7.52E-04	1.4E-07	1.3E-06	2.3E-08	1.7E-07	1.6E-09	5.1E-07	2.7E-10	6.5E-08	4.99E-07	5.01E-07	6.32E-08	6.35E-08
2448	UCART2	480359.83	3733602.05	480359.83, 3	5.87E-04	5.62E-03	9.80E-05	7.51E-04	1.3E-07	1.2E-06	2.2E-08	1.7E-07	1.5E-09	4.9E-07	2.6E-10	6.5E-08	4.72E-07	4.73E-07	6.31E-08	6.34E-08
2449	UCART2	480409.83	3733602.05	480409.83, 3	5.52E-04	5.31E-03	9.34E-05	7.52E-04	1.2E-07	1.2E-06	2.1E-08	1.7E-07	1.5E-09	4.6E-07	2.5E-10	6.5E-08	4.49E-07	4.50E-07	6.32E-08	6.34E-08
2450	UCART2	480459.83	3733602.05	480459.83, 3	5.28E-04	5.10E-03	8.97E-05	7.53E-04	1.2E-07	1.1E-06	2.0E-08	1.7E-07	1.4E-09	4.4E-07	2.4E-10	6.5E-08	4.29E-07	4.30E-07	6.32E-08	6.35E-08
2451	UCART2	480509.83	3733602.05	480509.83, 3	5.07E-04	4.90E-03	8.66E-05	7.54E-04	1.1E-07	1.1E-06	1.9E-08	1.7E-07	1.3E-09	4.2E-07	2.3E-10	6.5E-08	4.12E-07	4.13E-07	6.33E-08	6.36E-08
2452	UCART2	480559.83	3733602.05	480559.83, 3	4.89E-04	4.74E-03	8.41E-05	7.55E-04	1.1E-07	1.0E-06	1.9E-08	1.7E-07	1.3E-09	4.1E-07	2.2E-10	6.5E-08	3.98E-07	3.99E-07	6.34E-08	6.36E-08
2453	UCART2	480609.83	3733602.05	480609.83, 3	4.75E-04	4.60E-03	8.22E-05	7.56E-04	1.0E-07	1.0E-06	1.8E-08	1.7E-07	1.3E-09	4.0E-07	2.2E-10	6.6E-08	3.86E-07	3.87E-07	6.35E-08	6.38E-08
2454	UCART2	480659.83	3733602.05	480659.83, 3	4.65E-04	4.48E-03	8.07E-05	7.58E-04	1.0E-07	9.9E-07	1.8E-08	1.7E-07	1.2E-09	3.9E-07	2.1E-10	6.6E-08	3.77E-07	3.78E-07	6.37E-08	6.39E-08
2455	UCART2	480709.83	3733602.05	480709.83, 3	4.57E-04	4.40E-03	7.96E-05	7.60E-04	1.0E-07	9.7E-07	1.8E-08	1.7E-07	1.2E-09	3.8E-07	2.1E-10	6.6E-08	3.69E-07	3.71E-07	6.39E-08	6.41E-08
2456	UCART2	480759.83	3733602.05	480759.83, 3	4.52E-04	4.34E-03	7.90E-05	7.63E-04	1.0E-07	9.6E-07	1.7E-08	1.7E-07	1.2E-09	3.8E-07	2.1E-10	6.6E-08	3.64E-07	3.66E-07	6.41E-08	6.43E-08
2457	UCART2	480809.83	3733602.05	480809.83, 3	4.51E-04	4.30E-03	7.87E-05	7.65E-04	9.9E-08	9.5E-07	1.7E-08	1.7E-07	1.2E-09	3.7E-07	2.1E-10	6.6E-08	3.61E-07	3.63E-07	6.43E-08	6.45E-08
2458	UCART2	480859.83	3733602.05	480859.83, 3	4.52E-04	4.30E-03	7.89E-05	7.68E-04	1.0E-07	9.5E-07	1.7E-08	1.7E-07	1.2E-09	3.7E-07	2.1E-10	6.7E-08	3.61E-07	3.62E-07	6.45E-08	6.47E-08
2459	UCART2	480909.83	3733602.05	480909.83, 3	4.57E-04	4.32E-03	7.96E-05	7.72E-04	1.0E-07	9.5E-07	1.8E-08	1.7E-07	1.2E-09	3.7E-07	2.1E-10	6.7E-08	3.63E-07	3.64E-07	6.48E-08	6.50E-08
2460	UCART2	480959.83	3733602.05	480959.83, 3	4.66E-04	4.37E-03	8.08E-05	7.75E-04	1.0E-07	9.6E-07	1.8E-08	1.7E-07	1.2E-09	3.8E-07	2.1E-10	6.7E-08	3.67E-07	3.68E-07	6.51E-08	6.53E-08
2461	UCART2	481009.83	3733602.05	481009.83, 3	4.79E-04	4.45E-03	8.27E-05	7.80E-04	1.1E-07	9.8E-07	1.8E-08	1.7E-07	1.3E-09	3.9E-07	2.2E-10	6.8E-08	3.74E-07	3.75E-07	6.55E-08	6.57E-08
2462	UCART2	481059.83	3733602.05	481059.83, 3	4.98E-04	4.58E-03	8.53E-05	7.85E-04	1.1E-07	1.0E-06	1.9E-08	1.7E-07	1.3E-09	4.0E-07	2.2E-10	6.8E-08	3.85E-07	3.86E-07	6.60E-08	6.62E-08
2463	UCART2	481109.83	3733602.05	481109.83, 3	5.24E-04	4.76E-03	8.88E-05	7.91E-04	1.2E-07	1.0E-06	2.0E-08	1.7E-07	1.4E-09	4.1E-07	2.3E-10	6.9E-08	4.00E-07	4.01E-07	6.65E-08	6.67E-08
2464	UCART2	481159.83	3733602.05	481159.83, 3	5.58E-04	5.00E-03	9.37E-05	7.99E-04	1.2E-07	1.1E-06	2.1E-08	1.8E-07	1.5E-09	4.3E-07	2.5E-10	6.9E-08	4.20E-07	4.21E-07	6.71E-08	6.73E-08
2465	UCART2	481209.83	3733602.05	481209.83, 3	6.06E-04	5.31E-03	1.00E-04	8.08E-04	1.3E-07	1.2E-06	2.2E-08	1.8E-07	1.6E-09	4.6E-07	2.6E-10	7.0E-08	4.46E-07	4.48E-07	6.79E-08	6.81E-08
2466	UCART2	481259.83	3733602.05	481259.83, 3	6.71E-04	5.74E-03	1.09E-04	8.19E-04	1.5E-07	1.3E-06	2.4E-08	1.8E-07	1.8E-09	5.0E-07	2.9E-10	7.1E-08	4.82E-07	4.84E-07	6.88E-08	6.91E-08
2467	UCART2	481309.83	3733602.05	481309.83, 3	7.63E-04	6.30E-03	1.22E-04	8.34E-04	1.7E-07	1.4E-06	2.7E-08	1.8E-07	2.0E-09	5.5E-07	3.2E-10	7.2E-08	5.29E-07	5.31E-07	7.01E-08	7.04E-08
2468	UCART2	481359.83	3733602.05	481359.83, 3	8.99E-04	7.07E-03	1.41E-04	8.53E-04	2.0E-07	1.6E-06	3.1E-08	1.9E-07	2.4E-09	6.1E-07	3.7E-10	7.4E-08	5.94E-07	5.96E-07	7.17E-08	7.20E-08
2469	UCART2	481409.83	3733602.05	481409.83, 3	1.11E-03	8.12E-03	1.70E-04	8.78E-04	2.4E-07	1.8E-06	3.8E-08	1.9E-07	2.9E-09	7.0E-07	4.5E-10	7.6E-08	6.83E-07	6.85E-07	7.38E-08	7.42E-08
2470	UCART2	481459.83	3733602.05	481459.83, 3	1.46E-03	9.64E-03	2.18E-04	9.14E-04	3.2E-07	2.1E-06	4.8E-08	2.0E-07	3.8E-09	8.4E-07	5.8E-10	7.9E-08	8.10E-07	8.14E-07	7.68E-08	7.74E-08
2471	UCART2	481509.83	3733602.05	481509.83, 3	2.09E-03	1.19E-02	3.07E-04	9.67E-04	4.6E-07	2.6E-06	6.8E-08	2.1E-07	5.5E-09	1.0E-06	8.1E-10	8.4E-08	1.00E-06	1.01E-06	8.12E-08	8.20E-08
2472	UCART2	481559.83	3733602.05	481559.83, 3	3.07E-03	1.55E-02	4.97E-04	1.05E-03	7.6E-07	3.4E-06	1.1E-07	2.4E-07	9.1E-09	1.3E-06	1.3E-09	9.1E-08	1.31E-06	1.31E-06	8.80E-08	8.93E-08
2473	UCART2	481609.83	3733602.05	481609.83, 3	7.32E-03	2.18E-02	1.03E-03	1.20E-03	1.6E-06	4.8E-06	2.3E-07	2.6E-07	1.9E-08	1.9E-06	2.7E-09	1.0E-07	1.83E-06	1.85E-06	1.01E-07	1.03E-07
2474	UCART2	481659.83	3733602.05	481659.83, 3	2.79E-02	3.44E-02	3.89E-03	1.78E-03	6.2E-06	7.6E-06	8.6E-07	3.9E-07	7.4E-08	3.0E-06	1.0E-08	1.5E-07	2.89E-06	2.96E-06	1.50E-07	1.60E-07
2475	UCART2	479709.83	3733652.05	479709.83, 3	3.79E-03	2.00E-02	5.94E-04	1.67E-03	8.4E-07	4.4E-06	1.3E-07	3.7E-07	1.0E-08	1.7E-06	1.6E-09	1.4E-07	1.68E-06	1.69E-06	1.40E-07	1.42E-07
2476	UCART2	479759.83	3733652.05	479759.83, 3	2.98E-03	1.72E-02	4.61E-04	1.51E-03	6.6E-07	3.8E-06	1.0E-07	3.3E-07	7.9E-09	1.5E-06	1.2E-09	1.3E-07	1.45E-06	1.46E-06	1.27E-07	1.28E-07
2477	UCART2	479809.83	3733652.05	479809.83, 3	2.35E-03	1.50E-02	3.69E-04	1.49E-03	5.2E-07	3.3E-06	8.1E-08	3.3E-07	6.2E-09	1.3E-06	9.7E-10	1.3E-07	1.26E-06	1.27E-06	1.25E-07	1.26E-07
2478	UCART2	479859.83	3733652.05	479859.83, 3	1.89E-03	1.32E-02	3.03E-04	1.48E-03	4.2E-07	2.9E-06	6.7E-08	3.3E-07	5.0E-09	1.1E-06	8.0E-10	1.3E-07	1.11E-06	1.11E-06	1.24E-07	1.25E-07
2479	UCART2	479909.83	3733652.05	479909.83, 3	1.55E-03	1.18E-02	2.55E-04	1.47E-03	3.4E-07	2.6E-06	5.6E-08	3.2E-07	4.1E-09	1.0E-06	6.7E-10	1.3E-07	9.89E-07	9.93E-07	1.23E-07	1.24E-07
2480	UCART2	479959.83	3733652.05	479959.83, 3	1.31E-03	1.06E-02	2.21E-04	1.46E-03	2.9E-07	2.3E-06	4.9E-08	3.2E-07	3.5E-09	9.2E-07	5.8E-10	1.3E-07	8.92E-07	8.95E-07	1.23E-07	1.23E-07
2481	UCART2	480009.83	3733652.05	480009.83, 3	1.13E-03	9.68E-03	1.95E-04	1.46E-03	2.5E-07	2.1E-06	4.3E-08	3.2E-07	3.0E-09	8.4E-07	5.1E-10	1.3E-07	8.13E-07	8.16E-07	1.23E-07	1.23E-07
2482	UCART2	480059.83	3733652.05	480059.83, 3	9.92E-04	8.90E-03	1.76E-04	1.46E-03	2.2E-07	2.0E-06	3.9E-08	3.2E-07	2.6E-09	7.7E-07	4.6E-10	1.3E-07	7.48E-07	7.50E-07	1.23E-07	1.23E-07
2483	UCART2	480109.83	3733652.05	480109.83, 3	8.86E-04	8.25E-03	1.61E-04	1.46E-03	2.0E-07	1.8E-06	3.5E-08	3.2E-07	2.3E-09	7.1E-07	4.2E-10	1.3E-07	6.93E-07	6.95E-07	1.23E-07	1.23E-07
2484	UCART2	480159.83	3733652.05	480159.83, 3	8.02E-04	7.70E-03	1.49E-04	1.47E-03	1.8E-07	1.7E-06	3.1E-08	3.2E-07	2.1E-09	6.7E-07	3.9E-10	1.3E-07	6.47E-07	6.49E-07	1.23E-07	1.24E-07
2485	UCART2	480209.83	3733652.05	480209.83, 3	7.35E-04	7.24E-03	1.40E-04	1.47E-03	1.6E-07	1.6E-06	3.1E-08	3.2E-07	1.9E-09	6.3E-07	3.7E-10	1.3E-07	6.08E-07	6.10E-07	1.24E-07	1.24E-07
2486	UCART2	480259.83	3733652.05	480259.83, 3	6.81E-04	6.84E-03	1.32E-04	1.48E-03	1.5E-07	1.5E-06	2.9E-08	3.3E-07	1.8E-09	5.9E-07	3.5E-10	1.3E-07	5.74E-07	5.76E-07	1.24E-07	1.24E-07
2487	UCART2	480309.83	3733652.05	480309.83, 3	6.36E-04	6.50E-03	1.26E-04	1.48E-03	1.4E-07	1.4E-06	2.8E-08	3.3E-07	1.7E-09	5.6E-07	3.3E-10	1.3E-07	5.46E-07	5.48E-07	1.24E-07	1.25E-07
2488	UCART2	480359.83	3733652.05	480359.83, 3	6.00E-04	6.21E-03	1.21E-04	1.49E-03	1.3E-07	1.4E-06	2.7E-08	3.3E-07	1.6E-09	5.4E-07	3.2E-10	1.3E-07	5.21E-07	5.23E-07	1.25E-07	1.25E-07
2489	UCART2	480409.83	3733652.05	480409.83, 3	5.70E-04	5.96E-03	1.17E-04	1.49E-03	1.3E-07	1.3E-06	2.6E-08	3.3E-07	1.5E-09	5.2E-07	3.1E-10	1.3E-07	5.00E-07	5.02E-07	1.26E-07	1.26E-07
2490	UCART2	480459.83	3733652.05	480459.83, 3	5.45E-04	5.74E-03	1.14E-04	1.50E-03	1.2E-07	1.3E-06	2.5E-08	3.3E-07	1.4E-09	5.0E-07	3.0E-10	1.3E-07	4.82E-07	4.84E-07	1.26E-07	1.26E-07
2491	UCART2	480509.83	3733652.05	480509.83, 3	5.25E-04	5.56E-03	1.11E-04	1.51E-03	1.2E-07	1.2E-06

2546	UCART2	482319.55	3733579.77	482319.55, 3	5.19E-03	4.83E-03	7.25E-04	3.13E-04	1.1E-06	1.1E-06	1.6E-07	6.9E-08	1.4E-08	4.2E-07	1.9E-09	2.7E-08	4.06E-07	4.20E-07	2.63E-08	2.82E-08
2547	UCART2	482369.55	3733579.77	482369.55, 3	3.44E-03	4.17E-03	4.81E-04	2.31E-04	7.6E-07	9.2E-07	1.1E-07	5.1E-08	9.1E-09	3.6E-07	1.3E-09	2.0E-08	3.51E-07	3.60E-07	1.94E-08	2.07E-08
2548	UCART2	482269.55	3733629.77	482269.55, 3	1.52E-02	5.85E-03	2.13E-03	7.03E-04	3.4E-06	1.3E-06	4.7E-07	1.5E-07	4.0E-08	5.1E-07	5.6E-09	6.1E-08	4.92E-07	5.32E-07	5.90E-08	6.46E-08
2549	UCART2	482319.55	3733629.77	482319.55, 3	1.15E-02	4.83E-03	1.60E-03	3.87E-04	2.5E-06	1.1E-06	3.5E-07	8.5E-08	3.0E-08	4.2E-07	4.2E-09	3.4E-08	4.05E-07	4.36E-07	3.25E-08	3.68E-08
2550	UCART2	482369.55	3733629.77	482369.55, 3	5.10E-03	3.96E-03	7.13E-04	2.45E-04	1.1E-06	8.7E-07	1.6E-07	5.4E-08	1.3E-08	3.4E-07	1.9E-09	2.1E-08	3.32E-07	3.46E-07	2.06E-08	2.25E-08

Menifee Compass Northern Gateway Warehouses - Site 1 (Corsica Lane) Detailed Report

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1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	Menifee Compass Northern Gateway Warehouses - Site 1 (Corsica Lane)
Construction Start Date	5/1/2024
Operational Year	2025
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	2.50
Precipitation (days)	0.20
Location	33.73730086776783, -117.22172648370098
County	Riverside-South Coast
City	Menifee
Air District	South Coast AQMD
Air Basin	South Coast
TAZ	5512
EDFZ	11
Electric Utility	Southern California Edison
Gas Utility	Southern California Gas
App Version	2022.1.1.19

1.2. Land Use Types

Land Use Subtype	Size	Unit	Lot Acreage	Building Area (sq ft)	Landscape Area (sq ft)	Special Landscape Area (sq ft)	Population	Description

Unrefrigerated Warehouse-No Rail	254	1000sqft	5.83	254,058	106,412	—	—	—
General Office Building	11.0	1000sqft	0.25	11,000	0.00	—	—	—
Parking Lot	238	1000sqft	5.46	0.00	0.00	—	—	—

1.3. User-Selected Emission Reduction Measures by Emissions Sector

Sector	#	Measure Title
Construction	C-2*	Limit Heavy-Duty Diesel Vehicle Idling
Construction	C-5	Use Advanced Engine Tiers
Construction	C-13	Use Low-VOC Paints for Construction
Transportation	T-11*	Provide Employer-Sponsored Vanpool
Transportation	T-14*	Provide Electric Vehicle Charging Infrastructure
Transportation	T-34*	Provide Bike Parking
Transportation	T-53*	Electrify Loading Docks
Energy	E-10-B	Establish Onsite Renewable Energy Systems: Solar Power
Waste	S-1/S-2	Implement Waste Reduction Plan

* Qualitative or supporting measure. Emission reductions not included in the mitigated emissions results.

2. Emissions Summary

2.1. Construction Emissions Compared Against Thresholds

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Un/Mit.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	4.44	3.74	36.0	34.4	0.06	1.60	5.34	6.94	1.47	2.68	4.15	—	6,886	6,886	0.28	0.28	10.1	6,913

Mit.	1.03	0.93	4.89	37.0	0.06	0.12	5.34	5.44	0.12	2.68	2.78	—	6,886	6,886	0.28	0.28	10.1	6,913
% Reduced	77%	75%	86%	-8%	—	92%	—	22%	92%	—	33%	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	2.08	43.8	13.4	20.6	0.03	0.52	1.81	2.33	0.48	0.44	0.92	—	5,205	5,205	0.20	0.28	0.26	5,293
Mit.	1.00	11.0	5.06	22.3	0.03	0.10	1.81	1.91	0.09	0.44	0.53	—	5,205	5,205	0.20	0.28	0.26	5,293
% Reduced	52%	75%	62%	-8%	—	82%	—	18%	81%	—	42%	—	—	—	—	—	—	—
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	1.26	3.00	9.19	10.9	0.02	0.38	0.94	1.32	0.35	0.31	0.66	—	2,387	2,387	0.09	0.08	1.24	2,415
Mit.	0.38	0.75	2.10	11.4	0.02	0.04	0.94	0.98	0.04	0.31	0.36	—	2,387	2,387	0.09	0.08	1.24	2,415
% Reduced	70%	75%	77%	-5%	—	89%	—	25%	88%	—	46%	—	—	—	—	—	—	—
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.23	0.55	1.68	1.98	< 0.005	0.07	0.17	0.24	0.06	0.06	0.12	—	395	395	0.02	0.01	0.21	400
Mit.	0.07	0.14	0.38	2.08	< 0.005	0.01	0.17	0.18	0.01	0.06	0.07	—	395	395	0.02	0.01	0.21	400
% Reduced	70%	75%	77%	-5%	—	89%	—	25%	88%	—	46%	—	—	—	—	—	—	—
Exceeds (Daily Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Threshold	—	75.0	100	550	150	—	—	150	—	—	55.0	—	—	—	—	—	—	—
Unmit.	—	No	No	No	No	—	—	No	—	—	No	—	—	—	—	—	—	—
Mit.	—	No	No	No	No	—	—	No	—	—	No	—	—	—	—	—	—	—
Exceeds (Average Daily)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Threshol	—	75.0	100	550	150	—	—	150	—	—	55.0	—	—	—	—	—	—	—
Unmit.	—	No	No	No	No	—	—	No	—	—	No	—	—	—	—	—	—	—
Mit.	—	No	No	No	No	—	—	No	—	—	No	—	—	—	—	—	—	—

2.2. Construction Emissions by Year, Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Year	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2024	4.44	3.74	36.0	34.4	0.06	1.60	5.34	6.94	1.47	2.68	4.15	—	6,886	6,886	0.28	0.28	10.1	6,913
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2024	2.08	43.8	13.4	20.6	0.03	0.52	1.81	2.33	0.48	0.44	0.92	—	5,205	5,205	0.20	0.28	0.26	5,293
2025	0.26	43.8	0.99	2.43	< 0.005	0.03	0.29	0.32	0.03	0.07	0.09	—	419	419	0.02	0.01	0.03	423
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2024	1.26	1.70	9.19	10.9	0.02	0.38	0.94	1.32	0.35	0.31	0.66	—	2,387	2,387	0.09	0.08	1.24	2,415
2025	0.02	3.00	0.07	0.17	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	0.01	—	29.0	29.0	< 0.005	< 0.005	0.03	29.3
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2024	0.23	0.31	1.68	1.98	< 0.005	0.07	0.17	0.24	0.06	0.06	0.12	—	395	395	0.02	0.01	0.21	400
2025	< 0.005	0.55	0.01	0.03	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	4.79	4.79	< 0.005	< 0.005	0.01	4.85

2.3. Construction Emissions by Year, Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Year	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e

Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2024	1.03	0.93	4.89	37.0	0.06	0.12	5.34	5.44	0.12	2.68	2.78	—	6,886	6,886	0.28	0.28	10.1	6,913
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2024	1.00	11.0	5.06	22.3	0.03	0.10	1.81	1.91	0.09	0.44	0.53	—	5,205	5,205	0.20	0.28	0.26	5,293
2025	0.26	11.0	0.99	2.43	< 0.005	0.03	0.29	0.32	0.03	0.07	0.09	—	419	419	0.02	0.01	0.03	423
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2024	0.38	0.54	2.10	11.4	0.02	0.04	0.94	0.98	0.04	0.31	0.36	—	2,387	2,387	0.09	0.08	1.24	2,415
2025	0.02	0.75	0.07	0.17	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	0.01	—	29.0	29.0	< 0.005	< 0.005	0.03	29.3
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2024	0.07	0.10	0.38	2.08	< 0.005	0.01	0.17	0.18	0.01	0.06	0.07	—	395	395	0.02	0.01	0.21	400
2025	< 0.005	0.14	0.01	0.03	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	4.79	4.79	< 0.005	< 0.005	0.01	4.85

2.4. Operations Emissions Compared Against Thresholds

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Un/Mit.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	4.33	9.75	14.8	40.8	0.18	0.35	9.57	9.92	0.34	2.47	2.81	251	21,334	21,584	26.0	2.20	59.3	22,951
Mit.	4.33	9.75	14.8	40.8	0.18	0.35	9.57	9.92	0.34	2.47	2.81	150	19,835	19,985	15.8	2.19	59.3	21,091
% Reduced	—	—	—	—	—	—	—	—	—	—	—	40%	7%	7%	39%	1%	—	8%
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	2.21	7.79	15.4	24.1	0.17	0.33	9.57	9.90	0.32	2.47	2.79	251	20,819	21,070	26.0	2.21	1.56	22,381

Mit.	2.21	7.79	15.4	24.1	0.17	0.33	9.57	9.90	0.32	2.47	2.79	150	19,320	19,470	15.8	2.20	1.56	20,521
% Reduced	—	—	—	—	—	—	—	—	—	—	—	40%	7%	8%	39%	1%	—	8%
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	3.61	9.08	15.6	32.9	0.17	0.35	9.57	9.91	0.33	2.47	2.80	251	20,918	21,169	26.0	2.22	25.6	22,505
Mit.	3.61	9.08	15.6	32.9	0.17	0.35	9.57	9.91	0.33	2.47	2.80	150	19,419	19,569	15.8	2.20	25.6	20,645
% Reduced	—	—	—	—	—	—	—	—	—	—	—	40%	7%	8%	39%	1%	—	8%
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.66	1.66	2.85	6.00	0.03	0.06	1.75	1.81	0.06	0.45	0.51	41.5	3,463	3,505	4.31	0.37	4.24	3,726
Mit.	0.66	1.66	2.85	6.00	0.03	0.06	1.75	1.81	0.06	0.45	0.51	24.8	3,215	3,240	2.62	0.36	4.24	3,418
% Reduced	—	—	—	—	—	—	—	—	—	—	—	40%	7%	8%	39%	1%	—	8%
Exceeds (Daily Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Threshold	—	55.0	55.0	550	150	—	—	150	—	—	55.0	—	—	—	—	—	—	—
Unmit.	—	No	No	No	No	—	—	No	—	—	No	—	—	—	—	—	—	—
Mit.	—	No	No	No	No	—	—	No	—	—	No	—	—	—	—	—	—	—
Exceeds (Average Daily)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Threshold	—	55.0	55.0	550	150	—	—	150	—	—	55.0	—	—	—	—	—	—	—
Unmit.	—	No	No	No	No	—	—	No	—	—	No	—	—	—	—	—	—	—
Mit.	—	No	No	No	No	—	—	No	—	—	No	—	—	—	—	—	—	—

2.5. Operations Emissions by Sector, Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Sector	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	2.13	1.73	13.3	28.1	0.17	0.23	9.57	9.79	0.22	2.47	2.69	—	17,732	17,732	0.34	1.90	59.3	18,365
Area	2.05	7.94	0.10	11.5	< 0.005	0.02	—	0.02	0.02	—	0.02	—	47.4	47.4	< 0.005	< 0.005	—	47.6
Energy	0.15	0.08	1.38	1.16	0.01	0.11	—	0.11	0.11	—	0.11	—	3,151	3,151	0.29	0.02	—	3,164
Water	—	—	—	—	—	—	—	—	—	—	—	116	403	520	12.0	0.29	—	905
Waste	—	—	—	—	—	—	—	—	—	—	—	134	0.00	134	13.4	0.00	—	470
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.03	0.03
Total	4.33	9.75	14.8	40.8	0.18	0.35	9.57	9.92	0.34	2.47	2.81	251	21,334	21,584	26.0	2.20	59.3	22,951
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	2.06	1.67	14.0	22.9	0.16	0.23	9.57	9.80	0.22	2.47	2.69	—	17,265	17,265	0.34	1.91	1.54	17,843
Area	—	6.05	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Energy	0.15	0.08	1.38	1.16	0.01	0.11	—	0.11	0.11	—	0.11	—	3,151	3,151	0.29	0.02	—	3,164
Water	—	—	—	—	—	—	—	—	—	—	—	116	403	520	12.0	0.29	—	905
Waste	—	—	—	—	—	—	—	—	—	—	—	134	0.00	134	13.4	0.00	—	470
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.03	0.03
Total	2.21	7.79	15.4	24.1	0.17	0.33	9.57	9.90	0.32	2.47	2.79	251	20,819	21,070	26.0	2.21	1.56	22,381
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	2.06	1.66	14.2	23.8	0.16	0.23	9.57	9.79	0.22	2.47	2.69	—	17,331	17,331	0.34	1.91	25.6	17,934
Area	1.40	7.34	0.07	7.89	< 0.005	0.01	—	0.01	0.01	—	0.01	—	32.5	32.5	< 0.005	< 0.005	—	32.6
Energy	0.15	0.08	1.38	1.16	0.01	0.11	—	0.11	0.11	—	0.11	—	3,151	3,151	0.29	0.02	—	3,164
Water	—	—	—	—	—	—	—	—	—	—	—	116	403	520	12.0	0.29	—	905

Waste	—	—	—	—	—	—	—	—	—	—	—	134	0.00	134	13.4	0.00	—	470
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.03	0.03
Total	3.61	9.08	15.6	32.9	0.17	0.35	9.57	9.91	0.33	2.47	2.80	251	20,918	21,169	26.0	2.22	25.6	22,505
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.38	0.30	2.59	4.34	0.03	0.04	1.75	1.79	0.04	0.45	0.49	—	2,869	2,869	0.06	0.32	4.24	2,969
Area	0.26	1.34	0.01	1.44	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	5.38	5.38	< 0.005	< 0.005	—	5.39
Energy	0.03	0.01	0.25	0.21	< 0.005	0.02	—	0.02	0.02	—	0.02	—	522	522	0.05	< 0.005	—	524
Water	—	—	—	—	—	—	—	—	—	—	—	19.3	66.8	86.0	1.98	0.05	—	150
Waste	—	—	—	—	—	—	—	—	—	—	—	22.2	0.00	22.2	2.22	0.00	—	77.7
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005
Total	0.66	1.66	2.85	6.00	0.03	0.06	1.75	1.81	0.06	0.45	0.51	41.5	3,463	3,505	4.31	0.37	4.24	3,726

2.6. Operations Emissions by Sector, Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Sector	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	2.13	1.73	13.3	28.1	0.17	0.23	9.57	9.79	0.22	2.47	2.69	—	17,732	17,732	0.34	1.90	59.3	18,365
Area	2.05	7.94	0.10	11.5	< 0.005	0.02	—	0.02	0.02	—	0.02	—	47.4	47.4	< 0.005	< 0.005	—	47.6
Energy	0.15	0.08	1.38	1.16	0.01	0.11	—	0.11	0.11	—	0.11	—	1,652	1,652	0.15	< 0.005	—	1,656
Water	—	—	—	—	—	—	—	—	—	—	—	116	403	520	12.0	0.29	—	905
Waste	—	—	—	—	—	—	—	—	—	—	—	33.6	0.00	33.6	3.35	0.00	—	117
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.03	0.03
Total	4.33	9.75	14.8	40.8	0.18	0.35	9.57	9.92	0.34	2.47	2.81	150	19,835	19,985	15.8	2.19	59.3	21,091
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	2.06	1.67	14.0	22.9	0.16	0.23	9.57	9.80	0.22	2.47	2.69	—	17,265	17,265	0.34	1.91	1.54	17,843

Area	—	6.05	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Energy	0.15	0.08	1.38	1.16	0.01	0.11	—	0.11	0.11	—	0.11	—	1,652	1,652	0.15	< 0.005	—	1,656
Water	—	—	—	—	—	—	—	—	—	—	—	116	403	520	12.0	0.29	—	905
Waste	—	—	—	—	—	—	—	—	—	—	—	33.6	0.00	33.6	3.35	0.00	—	117
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.03	0.03
Total	2.21	7.79	15.4	24.1	0.17	0.33	9.57	9.90	0.32	2.47	2.79	150	19,320	19,470	15.8	2.20	1.56	20,521
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	2.06	1.66	14.2	23.8	0.16	0.23	9.57	9.79	0.22	2.47	2.69	—	17,331	17,331	0.34	1.91	25.6	17,934
Area	1.40	7.34	0.07	7.89	< 0.005	0.01	—	0.01	0.01	—	0.01	—	32.5	32.5	< 0.005	< 0.005	—	32.6
Energy	0.15	0.08	1.38	1.16	0.01	0.11	—	0.11	0.11	—	0.11	—	1,652	1,652	0.15	< 0.005	—	1,656
Water	—	—	—	—	—	—	—	—	—	—	—	116	403	520	12.0	0.29	—	905
Waste	—	—	—	—	—	—	—	—	—	—	—	33.6	0.00	33.6	3.35	0.00	—	117
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.03	0.03
Total	3.61	9.08	15.6	32.9	0.17	0.35	9.57	9.91	0.33	2.47	2.80	150	19,419	19,569	15.8	2.20	25.6	20,645
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.38	0.30	2.59	4.34	0.03	0.04	1.75	1.79	0.04	0.45	0.49	—	2,869	2,869	0.06	0.32	4.24	2,969
Area	0.26	1.34	0.01	1.44	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	5.38	5.38	< 0.005	< 0.005	—	5.39
Energy	0.03	0.01	0.25	0.21	< 0.005	0.02	—	0.02	0.02	—	0.02	—	273	273	0.02	< 0.005	—	274
Water	—	—	—	—	—	—	—	—	—	—	—	19.3	66.8	86.0	1.98	0.05	—	150
Waste	—	—	—	—	—	—	—	—	—	—	—	5.56	0.00	5.56	0.56	0.00	—	19.4
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005
Total	0.66	1.66	2.85	6.00	0.03	0.06	1.75	1.81	0.06	0.45	0.51	24.8	3,215	3,240	2.62	0.36	4.24	3,418

3. Construction Emissions Details

3.1. Demolition (2024) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	3.12	2.62	24.9	21.7	0.03	1.06	—	1.06	0.98	—	0.98	—	3,425	3,425	0.14	0.03	—	3,437
Demolition	—	—	—	—	—	—	0.20	0.20	—	0.03	0.03	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.13	0.11	1.02	0.89	< 0.005	0.04	—	0.04	0.04	—	0.04	—	141	141	0.01	< 0.005	—	141
Demolition	—	—	—	—	—	—	0.01	0.01	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.19	0.16	< 0.005	0.01	—	0.01	0.01	—	0.01	—	23.3	23.3	< 0.005	< 0.005	—	23.4
Demolition	—	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	0.08	0.08	0.07	1.25	0.00	0.00	0.20	0.20	0.00	0.05	0.05	—	216	216	0.01	0.01	0.86	219
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.01	< 0.005	0.29	0.07	< 0.005	< 0.005	0.07	0.07	< 0.005	0.02	0.02	—	257	257	< 0.005	0.04	0.54	270
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.04	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	8.26	8.26	< 0.005	< 0.005	0.02	8.37
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	10.6	10.6	< 0.005	< 0.005	0.01	11.1
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.37	1.37	< 0.005	< 0.005	< 0.005	1.39
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	1.75	1.75	< 0.005	< 0.005	< 0.005	1.83

3.2. Demolition (2024) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.36	0.36	4.51	18.2	0.03	0.06	—	0.06	0.06	—	0.06	—	3,425	3,425	0.14	0.03	—	3,437
Demolition	—	—	—	—	—	—	0.20	0.20	—	0.03	0.03	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.19	0.75	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	141	141	0.01	< 0.005	—	141
Demolition	—	—	—	—	—	—	0.01	0.01	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.03	0.14	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	23.3	23.3	< 0.005	< 0.005	—	23.4
Demolition	—	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.08	0.08	0.07	1.25	0.00	0.00	0.20	0.20	0.00	0.05	0.05	—	216	216	0.01	0.01	0.86	219
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.01	< 0.005	0.29	0.07	< 0.005	< 0.005	0.07	0.07	< 0.005	0.02	0.02	—	257	257	< 0.005	0.04	0.54	270
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.04	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	8.26	8.26	< 0.005	< 0.005	0.02	8.37
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	10.6	10.6	< 0.005	< 0.005	0.01	11.1

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.37	1.37	< 0.005	< 0.005	< 0.005	1.39
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	1.75	1.75	< 0.005	< 0.005	< 0.005	1.83

3.3. Site Preparation (2024) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	4.34	3.65	36.0	32.9	0.05	1.60	—	1.60	1.47	—	1.47	—	5,296	5,296	0.21	0.04	—	5,314
Dust From Material Movement	—	—	—	—	—	—	5.11	5.11	—	2.63	2.63	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.18	0.15	1.48	1.35	< 0.005	0.07	—	0.07	0.06	—	0.06	—	218	218	0.01	< 0.005	—	218
Dust From Material Movement	—	—	—	—	—	—	0.21	0.21	—	0.11	0.11	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.03	0.27	0.25	< 0.005	0.01	—	0.01	0.01	—	0.01	—	36.0	36.0	< 0.005	< 0.005	—	36.2
Dust From Material Movement	—	—	—	—	—	—	0.04	0.04	—	0.02	0.02	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.10	0.09	0.08	1.46	0.00	0.00	0.23	0.23	0.00	0.05	0.05	—	252	252	0.01	0.01	1.00	256
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.05	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	9.63	9.63	< 0.005	< 0.005	0.02	9.77
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.60	1.60	< 0.005	< 0.005	< 0.005	1.62
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.4. Site Preparation (2024) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.50	0.50	2.59	28.3	0.05	0.10	—	0.10	0.10	—	0.10	—	5,296	5,296	0.21	0.04	—	5,314
Dust From Material Movement	—	—	—	—	—	—	5.11	5.11	—	2.63	2.63	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.11	1.16	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	218	218	0.01	< 0.005	—	218
Dust From Material Movement	—	—	—	—	—	—	0.21	0.21	—	0.11	0.11	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.02	0.21	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	36.0	36.0	< 0.005	< 0.005	—	36.2
Dust From Material Movement	—	—	—	—	—	—	0.04	0.04	—	0.02	0.02	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.10	0.09	0.08	1.46	0.00	0.00	0.23	0.23	0.00	0.05	0.05	—	252	252	0.01	0.01	1.00	256
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.05	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	9.63	9.63	< 0.005	< 0.005	0.02	9.77
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.60	1.60	< 0.005	< 0.005	< 0.005	1.62
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.5. Grading (2024) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	4.19	3.52	34.3	30.2	0.06	1.45	—	1.45	1.33	—	1.33	—	6,598	6,598	0.27	0.05	—	6,621

Dust From Material Movement	—	—	—	—	—	—	2.39	2.39	—	0.95	0.95	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.34	0.29	2.82	2.48	0.01	0.12	—	0.12	0.11	—	0.11	—	542	542	0.02	< 0.005	—	544
Dust From Material Movement	—	—	—	—	—	—	0.20	0.20	—	0.08	0.08	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.06	0.05	0.51	0.45	< 0.005	0.02	—	0.02	0.02	—	0.02	—	89.8	89.8	< 0.005	< 0.005	—	90.1
Dust From Material Movement	—	—	—	—	—	—	0.04	0.04	—	0.01	0.01	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.11	0.10	0.10	1.67	0.00	0.00	0.26	0.26	0.00	0.06	0.06	—	288	288	0.01	0.01	1.14	292
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.11	0.00	0.00	0.02	0.02	0.00	0.01	0.01	—	22.0	22.0	< 0.005	< 0.005	0.04	22.3
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.02	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	3.65	3.65	< 0.005	< 0.005	0.01	3.70
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.6. Grading (2024) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.64	0.64	4.43	35.3	0.06	0.12	—	0.12	0.12	—	0.12	—	6,598	6,598	0.27	0.05	—	6,621
Dust From Material Movement	—	—	—	—	—	—	2.39	2.39	—	0.95	0.95	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.05	0.05	0.36	2.91	0.01	0.01	—	0.01	0.01	—	0.01	—	542	542	0.02	< 0.005	—	544
Dust From Material Movement	—	—	—	—	—	—	0.20	0.20	—	0.08	0.08	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.07	0.53	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	89.8	89.8	< 0.005	< 0.005	—	90.1
Dust From Material Movement	—	—	—	—	—	—	0.04	0.04	—	0.01	0.01	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.11	0.10	0.10	1.67	0.00	0.00	0.26	0.26	0.00	0.06	0.06	—	288	288	0.01	0.01	1.14	292
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.11	0.00	0.00	0.02	0.02	0.00	0.01	0.01	—	22.0	22.0	< 0.005	< 0.005	0.04	22.3
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.02	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	3.65	3.65	< 0.005	< 0.005	0.01	3.70
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.7. Building Construction (2024) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.44	1.20	11.2	13.1	0.02	0.50	—	0.50	0.46	—	0.46	—	2,398	2,398	0.10	0.02	—	2,406
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.44	1.20	11.2	13.1	0.02	0.50	—	0.50	0.46	—	0.46	—	2,398	2,398	0.10	0.02	—	2,406
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.37	0.31	2.92	3.41	0.01	0.13	—	0.13	0.12	—	0.12	—	624	624	0.03	0.01	—	626
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.07	0.06	0.53	0.62	< 0.005	0.02	—	0.02	0.02	—	0.02	—	103	103	< 0.005	< 0.005	—	104
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.62	0.56	0.53	9.20	0.00	0.00	1.44	1.44	0.00	0.34	0.34	—	1,586	1,586	0.07	0.05	6.29	1,611
Vendor	0.06	0.04	1.53	0.48	0.01	0.02	0.37	0.39	0.02	0.10	0.12	—	1,349	1,349	0.03	0.20	3.80	1,414
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.59	0.53	0.63	6.96	0.00	0.00	1.44	1.44	0.00	0.34	0.34	—	1,458	1,458	0.07	0.05	0.16	1,476
Vendor	0.06	0.04	1.60	0.49	0.01	0.02	0.37	0.39	0.02	0.10	0.12	—	1,350	1,350	0.03	0.20	0.10	1,411
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.15	0.14	0.16	1.91	0.00	0.00	0.37	0.37	0.00	0.09	0.09	—	384	384	0.02	0.01	0.71	390
Vendor	0.02	0.01	0.42	0.13	< 0.005	0.01	0.10	0.10	0.01	0.03	0.03	—	351	351	0.01	0.05	0.43	367
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.03	0.03	0.35	0.00	0.00	0.07	0.07	0.00	0.02	0.02	—	63.6	63.6	< 0.005	< 0.005	0.12	64.5
Vendor	< 0.005	< 0.005	0.08	0.02	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	0.01	—	58.1	58.1	< 0.005	0.01	0.07	60.8
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.8. Building Construction (2024) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e

Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.35	0.33	2.83	14.8	0.02	0.08	—	0.08	0.07	—	0.07	—	2,398	2,398	0.10	0.02	—	2,406
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.35	0.33	2.83	14.8	0.02	0.08	—	0.08	0.07	—	0.07	—	2,398	2,398	0.10	0.02	—	2,406
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.09	0.09	0.74	3.86	0.01	0.02	—	0.02	0.02	—	0.02	—	624	624	0.03	0.01	—	626
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.13	0.70	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	103	103	< 0.005	< 0.005	—	104
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.62	0.56	0.53	9.20	0.00	0.00	1.44	1.44	0.00	0.34	0.34	—	1,586	1,586	0.07	0.05	6.29	1,611
Vendor	0.06	0.04	1.53	0.48	0.01	0.02	0.37	0.39	0.02	0.10	0.12	—	1,349	1,349	0.03	0.20	3.80	1,414
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.59	0.53	0.63	6.96	0.00	0.00	1.44	1.44	0.00	0.34	0.34	—	1,458	1,458	0.07	0.05	0.16	1,476
Vendor	0.06	0.04	1.60	0.49	0.01	0.02	0.37	0.39	0.02	0.10	0.12	—	1,350	1,350	0.03	0.20	0.10	1,411
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.15	0.14	0.16	1.91	0.00	0.00	0.37	0.37	0.00	0.09	0.09	—	384	384	0.02	0.01	0.71	390
Vendor	0.02	0.01	0.42	0.13	< 0.005	0.01	0.10	0.10	0.01	0.03	0.03	—	351	351	0.01	0.05	0.43	367
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.03	0.03	0.35	0.00	0.00	0.07	0.07	0.00	0.02	0.02	—	63.6	63.6	< 0.005	< 0.005	0.12	64.5
Vendor	< 0.005	< 0.005	0.08	0.02	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	0.01	—	58.1	58.1	< 0.005	0.01	0.07	60.8
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.9. Paving (2024) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.01	0.85	7.81	10.0	0.01	0.39	—	0.39	0.36	—	0.36	—	1,512	1,512	0.06	0.01	—	1,517
Paving	—	0.95	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.04	0.03	0.32	0.41	< 0.005	0.02	—	0.02	0.01	—	0.01	—	62.1	62.1	< 0.005	< 0.005	—	62.3
Paving	—	0.04	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.06	0.08	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	10.3	10.3	< 0.005	< 0.005	—	10.3
Paving	—	0.01	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.08	0.07	0.09	0.95	0.00	0.00	0.20	0.20	0.00	0.05	0.05	—	198	198	0.01	0.01	0.02	201
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.04	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	8.26	8.26	< 0.005	< 0.005	0.02	8.37
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.37	1.37	< 0.005	< 0.005	< 0.005	1.39

Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.10. Paving (2024) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.16	0.16	1.93	10.6	0.01	0.03	—	0.03	0.03	—	0.03	—	1,512	1,512	0.06	0.01	—	1,517
Paving	—	0.95	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.08	0.44	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	62.1	62.1	< 0.005	< 0.005	—	62.3
Paving	—	0.04	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.01	0.08	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	10.3	10.3	< 0.005	< 0.005	—	10.3
Paving	—	0.01	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.08	0.07	0.09	0.95	0.00	0.00	0.20	0.20	0.00	0.05	0.05	—	198	198	0.01	0.01	0.02	201
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.04	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	8.26	8.26	< 0.005	< 0.005	0.02	8.37
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.37	1.37	< 0.005	< 0.005	< 0.005	1.39
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.11. Architectural Coating (2024) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.17	0.14	0.91	1.15	< 0.005	0.03	—	0.03	0.03	—	0.03	—	134	134	0.01	< 0.005	—	134
Architectural Coatings	—	43.5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.01	0.02	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	1.83	1.83	< 0.005	< 0.005	—	1.84
Architectural Coatings	—	0.60	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.30	0.30	< 0.005	< 0.005	—	0.30
Architectural Coatings	—	0.11	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.12	0.11	0.13	1.39	0.00	0.00	0.29	0.29	0.00	0.07	0.07	—	292	292	0.01	0.01	0.03	295
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.02	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	4.05	4.05	< 0.005	< 0.005	0.01	4.10
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.67	0.67	< 0.005	< 0.005	< 0.005	0.68
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.12. Architectural Coating (2024) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.17	0.14	0.91	1.15	< 0.005	0.03	—	0.03	0.03	—	0.03	—	134	134	0.01	< 0.005	—	134
Architectural Coatings	—	10.8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.01	0.02	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	1.83	1.83	< 0.005	< 0.005	—	1.84

Architect Coatings	—	0.15	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.30	0.30	< 0.005	< 0.005	—	0.30
Architectural Coatings	—	0.03	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.12	0.11	0.13	1.39	0.00	0.00	0.29	0.29	0.00	0.07	0.07	—	292	292	0.01	0.01	0.03	295
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.02	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	4.05	4.05	< 0.005	< 0.005	0.01	4.10
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.67	0.67	< 0.005	< 0.005	< 0.005	0.68
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.13. Architectural Coating (2025) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.15	0.13	0.88	1.14	< 0.005	0.03	—	0.03	0.03	—	0.03	—	134	134	0.01	< 0.005	—	134
Architectural Coatings	—	43.5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.06	0.08	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	9.15	9.15	< 0.005	< 0.005	—	9.18
Architectural Coatings	—	2.98	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	1.51	1.51	< 0.005	< 0.005	—	1.52
Architectural Coatings	—	0.54	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.10	0.09	0.11	1.29	0.00	0.00	0.29	0.29	0.00	0.07	0.07	—	286	286	0.01	0.01	0.03	289
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.09	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	—	19.8	19.8	< 0.005	< 0.005	0.03	20.1
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.02	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	3.28	3.28	< 0.005	< 0.005	0.01	3.33
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.14. Architectural Coating (2025) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.15	0.13	0.88	1.14	< 0.005	0.03	—	0.03	0.03	—	0.03	—	134	134	0.01	< 0.005	—	134
Architectural Coatings	—	10.8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.06	0.08	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	9.15	9.15	< 0.005	< 0.005	—	9.18
Architectural Coatings	—	0.74	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	1.51	1.51	< 0.005	< 0.005	—	1.52
Architectural Coatings	—	0.13	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.10	0.09	0.11	1.29	0.00	0.00	0.29	0.29	0.00	0.07	0.07	—	286	286	0.01	0.01	0.03	289

Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.09	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	—	19.8	19.8	< 0.005	< 0.005	0.03	20.1
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.02	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	3.28	3.28	< 0.005	< 0.005	0.01	3.33
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

4. Operations Emissions Details

4.1. Mobile Emissions by Land Use

4.1.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.49	0.28	11.8	2.82	0.11	0.20	3.56	3.75	0.19	0.95	1.14	—	11,592	11,592	0.18	1.76	34.4	12,155
General Office Building	1.64	1.46	1.52	25.3	0.06	0.03	6.01	6.04	0.03	1.52	1.55	—	6,140	6,140	0.16	0.14	24.9	6,209

Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Total	2.13	1.73	13.3	28.1	0.17	0.23	9.57	9.79	0.22	2.47	2.69	—	17,732	17,732	0.34	1.90	59.3	18,365
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.48	0.27	12.3	2.84	0.11	0.20	3.56	3.75	0.19	0.95	1.14	—	11,595	11,595	0.18	1.76	0.89	12,125
General Office Building	1.58	1.40	1.67	20.1	0.06	0.03	6.01	6.04	0.03	1.52	1.55	—	5,670	5,670	0.16	0.15	0.65	5,718
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Total	2.06	1.67	14.0	22.9	0.16	0.23	9.57	9.80	0.22	2.47	2.69	—	17,265	17,265	0.34	1.91	1.54	17,843
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.09	0.05	2.27	0.52	0.02	0.04	0.65	0.68	0.03	0.17	0.21	—	1,919	1,919	0.03	0.29	2.46	2,009
General Office Building	0.29	0.25	0.31	3.83	0.01	0.01	1.10	1.10	0.01	0.28	0.28	—	950	950	0.03	0.02	1.78	960
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.38	0.30	2.59	4.34	0.03	0.04	1.75	1.79	0.04	0.45	0.49	—	2,869	2,869	0.06	0.32	4.24	2,969

4.1.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.49	0.28	11.8	2.82	0.11	0.20	3.56	3.75	0.19	0.95	1.14	—	11,592	11,592	0.18	1.76	34.4	12,155
General Office Building	1.64	1.46	1.52	25.3	0.06	0.03	6.01	6.04	0.03	1.52	1.55	—	6,140	6,140	0.16	0.14	24.9	6,209
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Total	2.13	1.73	13.3	28.1	0.17	0.23	9.57	9.79	0.22	2.47	2.69	—	17,732	17,732	0.34	1.90	59.3	18,365
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.48	0.27	12.3	2.84	0.11	0.20	3.56	3.75	0.19	0.95	1.14	—	11,595	11,595	0.18	1.76	0.89	12,125
General Office Building	1.58	1.40	1.67	20.1	0.06	0.03	6.01	6.04	0.03	1.52	1.55	—	5,670	5,670	0.16	0.15	0.65	5,718
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Total	2.06	1.67	14.0	22.9	0.16	0.23	9.57	9.80	0.22	2.47	2.69	—	17,265	17,265	0.34	1.91	1.54	17,843
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.09	0.05	2.27	0.52	0.02	0.04	0.65	0.68	0.03	0.17	0.21	—	1,919	1,919	0.03	0.29	2.46	2,009

General Office Building	0.29	0.25	0.31	3.83	0.01	0.01	1.10	1.10	0.01	0.28	0.28	—	950	950	0.03	0.02	1.78	960
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.38	0.30	2.59	4.34	0.03	0.04	1.75	1.79	0.04	0.45	0.49	—	2,869	2,869	0.06	0.32	4.24	2,969

4.2. Energy

4.2.1. Electricity Emissions By Land Use - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	1,117	1,117	0.11	0.01	—	1,123
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	183	183	0.02	< 0.005	—	184
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	199	199	0.02	< 0.005	—	200
Total	—	—	—	—	—	—	—	—	—	—	—	—	1,499	1,499	0.14	0.02	—	1,508
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	1,117	1,117	0.11	0.01	—	1,123

General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	183	183	0.02	< 0.005	—	184
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	199	199	0.02	< 0.005	—	200
Total	—	—	—	—	—	—	—	—	—	—	—	—	1,499	1,499	0.14	0.02	—	1,508
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	185	185	0.02	< 0.005	—	186
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	30.3	30.3	< 0.005	< 0.005	—	30.5
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	33.0	33.0	< 0.005	< 0.005	—	33.2
Total	—	—	—	—	—	—	—	—	—	—	—	—	248	248	0.02	< 0.005	—	250

4.2.2. Electricity Emissions By Land Use - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005

Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005

4.2.3. Natural Gas Emissions By Land Use - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.14	0.07	1.30	1.09	0.01	0.10	—	0.10	0.10	—	0.10	—	1,555	1,555	0.14	< 0.005	—	1,559
General Office Building	0.01	< 0.005	0.08	0.07	< 0.005	0.01	—	0.01	0.01	—	0.01	—	97.3	97.3	0.01	< 0.005	—	97.5
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.15	0.08	1.38	1.16	0.01	0.11	—	0.11	0.11	—	0.11	—	1,652	1,652	0.15	< 0.005	—	1,656
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.14	0.07	1.30	1.09	0.01	0.10	—	0.10	0.10	—	0.10	—	1,555	1,555	0.14	< 0.005	—	1,559
General Office Building	0.01	< 0.005	0.08	0.07	< 0.005	0.01	—	0.01	0.01	—	0.01	—	97.3	97.3	0.01	< 0.005	—	97.5
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.15	0.08	1.38	1.16	0.01	0.11	—	0.11	0.11	—	0.11	—	1,652	1,652	0.15	< 0.005	—	1,656
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.03	0.01	0.24	0.20	< 0.005	0.02	—	0.02	0.02	—	0.02	—	257	257	0.02	< 0.005	—	258

General Office Building	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	16.1	16.1	< 0.005	< 0.005	—	16.1
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.03	0.01	0.25	0.21	< 0.005	0.02	—	0.02	0.02	—	0.02	—	273	273	0.02	< 0.005	—	274

4.2.4. Natural Gas Emissions By Land Use - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.14	0.07	1.30	1.09	0.01	0.10	—	0.10	0.10	—	0.10	—	1,555	1,555	0.14	< 0.005	—	1,559
General Office Building	0.01	< 0.005	0.08	0.07	< 0.005	0.01	—	0.01	0.01	—	0.01	—	97.3	97.3	0.01	< 0.005	—	97.5
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.15	0.08	1.38	1.16	0.01	0.11	—	0.11	0.11	—	0.11	—	1,652	1,652	0.15	< 0.005	—	1,656
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.14	0.07	1.30	1.09	0.01	0.10	—	0.10	0.10	—	0.10	—	1,555	1,555	0.14	< 0.005	—	1,559

General Office Building	0.01	< 0.005	0.08	0.07	< 0.005	0.01	—	0.01	0.01	—	0.01	—	97.3	97.3	0.01	< 0.005	—	97.5
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.15	0.08	1.38	1.16	0.01	0.11	—	0.11	0.11	—	0.11	—	1,652	1,652	0.15	< 0.005	—	1,656
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.03	0.01	0.24	0.20	< 0.005	0.02	—	0.02	0.02	—	0.02	—	257	257	0.02	< 0.005	—	258
General Office Building	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	16.1	16.1	< 0.005	< 0.005	—	16.1
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.03	0.01	0.25	0.21	< 0.005	0.02	—	0.02	0.02	—	0.02	—	273	273	0.02	< 0.005	—	274

4.3. Area Emissions by Source

4.3.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Source	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	—	5.69	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	0.36	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Landsca Equipment	2.05	1.89	0.10	11.5	< 0.005	0.02	—	0.02	0.02	—	0.02	—	47.4	47.4	< 0.005	< 0.005	—	47.6
Total	2.05	7.94	0.10	11.5	< 0.005	0.02	—	0.02	0.02	—	0.02	—	47.4	47.4	< 0.005	< 0.005	—	47.6
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consum er Products	—	5.69	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architect ural Coatings	—	0.36	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	6.05	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consum er Products	—	1.04	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architect ural Coatings	—	0.07	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landsca pe Equipme nt	0.26	0.24	0.01	1.44	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	5.38	5.38	< 0.005	< 0.005	—	5.39
Total	0.26	1.34	0.01	1.44	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	5.38	5.38	< 0.005	< 0.005	—	5.39

4.3.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Source	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Consumer Products	—	5.69	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	0.36	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	2.05	1.89	0.10	11.5	< 0.005	0.02	—	0.02	0.02	—	0.02	—	47.4	47.4	< 0.005	< 0.005	—	47.6
Total	2.05	7.94	0.10	11.5	< 0.005	0.02	—	0.02	0.02	—	0.02	—	47.4	47.4	< 0.005	< 0.005	—	47.6
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	—	5.69	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	0.36	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	6.05	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	—	1.04	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	0.07	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.26	0.24	0.01	1.44	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	5.38	5.38	< 0.005	< 0.005	—	5.39
Total	0.26	1.34	0.01	1.44	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	5.38	5.38	< 0.005	< 0.005	—	5.39

4.4. Water Emissions by Land Use

4.4.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	113	391	503	11.6	0.28	—	876
General Office Building	—	—	—	—	—	—	—	—	—	—	—	3.75	12.7	16.5	0.39	0.01	—	28.9
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	116	403	520	12.0	0.29	—	905
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	113	391	503	11.6	0.28	—	876
General Office Building	—	—	—	—	—	—	—	—	—	—	—	3.75	12.7	16.5	0.39	0.01	—	28.9
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	116	403	520	12.0	0.29	—	905

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	18.6	64.7	83.3	1.92	0.05	—	145
General Office Building	—	—	—	—	—	—	—	—	—	—	—	0.62	2.10	2.72	0.06	< 0.005	—	4.78
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	19.3	66.8	86.0	1.98	0.05	—	150

4.4.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	113	391	503	11.6	0.28	—	876
General Office Building	—	—	—	—	—	—	—	—	—	—	—	3.75	12.7	16.5	0.39	0.01	—	28.9
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	116	403	520	12.0	0.29	—	905
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Unrefrige Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	113	391	503	11.6	0.28	—	876
General Office Building	—	—	—	—	—	—	—	—	—	—	—	3.75	12.7	16.5	0.39	0.01	—	28.9
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	116	403	520	12.0	0.29	—	905
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrige rated Warehou se-No Rail	—	—	—	—	—	—	—	—	—	—	—	18.6	64.7	83.3	1.92	0.05	—	145
General Office Building	—	—	—	—	—	—	—	—	—	—	—	0.62	2.10	2.72	0.06	< 0.005	—	4.78
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	19.3	66.8	86.0	1.98	0.05	—	150

4.5. Waste Emissions by Land Use

4.5.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Unrefrigerated Warehouse-No	—	—	—	—	—	—	—	—	—	—	—	129	0.00	129	12.9	0.00	—	450
General Office Building	—	—	—	—	—	—	—	—	—	—	—	5.51	0.00	5.51	0.55	0.00	—	19.3
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	134	0.00	134	13.4	0.00	—	470
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	129	0.00	129	12.9	0.00	—	450
General Office Building	—	—	—	—	—	—	—	—	—	—	—	5.51	0.00	5.51	0.55	0.00	—	19.3
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	134	0.00	134	13.4	0.00	—	470
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	21.3	0.00	21.3	2.13	0.00	—	74.6
General Office Building	—	—	—	—	—	—	—	—	—	—	—	0.91	0.00	0.91	0.09	0.00	—	3.19
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	22.2	0.00	22.2	2.22	0.00	—	77.7

4.5.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	32.2	0.00	32.2	3.22	0.00	—	113
General Office Building	—	—	—	—	—	—	—	—	—	—	—	1.38	0.00	1.38	0.14	0.00	—	4.82
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	33.6	0.00	33.6	3.35	0.00	—	117
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	32.2	0.00	32.2	3.22	0.00	—	113
General Office Building	—	—	—	—	—	—	—	—	—	—	—	1.38	0.00	1.38	0.14	0.00	—	4.82
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	33.6	0.00	33.6	3.35	0.00	—	117
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Unrefrigerated	—	—	—	—	—	—	—	—	—	—	—	5.33	0.00	5.33	0.53	0.00	—	18.6
General Office Building	—	—	—	—	—	—	—	—	—	—	—	0.23	0.00	0.23	0.02	0.00	—	0.80
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	5.56	0.00	5.56	0.56	0.00	—	19.4

4.6. Refrigerant Emissions by Land Use

4.6.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.03	0.03
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.03	0.03
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.03	0.03
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.03	0.03
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005

Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005

4.6.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.03	0.03
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.03	0.03
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.03	0.03
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.03	0.03
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005

4.7. Offroad Emissions By Equipment Type

4.7.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.7.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.8. Stationary Emissions By Equipment Type

4.8.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.8.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.9. User Defined Emissions By Equipment Type

4.9.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.9.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Vegetation	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.2. Above and Belowground Carbon Accumulation by Land Use Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Species	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.4. Soil Carbon Accumulation By Vegetation Type - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Vegetation	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.5. Above and Belowground Carbon Accumulation by Land Use Type - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.6. Avoided and Sequestered Emissions by Species - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Species	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

5. Activity Data

5.1. Construction Schedule

Phase Name	Phase Type	Start Date	End Date	Days Per Week	Work Days per Phase	Phase Description
Demolition	Demolition	5/1/2024	5/21/2024	5.00	15.0	—
Site Preparation	Site Preparation	5/22/2024	6/11/2024	5.00	15.0	—
Grading	Grading	6/12/2024	7/23/2024	5.00	30.0	—
Building Construction	Building Construction	7/24/2024	12/3/2024	5.00	95.0	—

Paving	Paving	12/4/2024	12/24/2024	5.00	15.0	—
Architectural Coating	Architectural Coating	12/25/2024	2/4/2025	5.00	30.0	—

5.2. Off-Road Equipment

5.2.1. Unmitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Demolition	Rubber Tired Dozers	Diesel	Average	2.00	8.00	367	0.40
Demolition	Excavators	Diesel	Average	3.00	8.00	36.0	0.38
Demolition	Concrete/Industrial Saws	Diesel	Average	1.00	8.00	33.0	0.73
Site Preparation	Rubber Tired Dozers	Diesel	Average	3.00	8.00	367	0.40
Site Preparation	Tractors/Loaders/Backhoes	Diesel	Average	4.00	8.00	84.0	0.37
Grading	Graders	Diesel	Average	1.00	8.00	148	0.41
Grading	Excavators	Diesel	Average	2.00	8.00	36.0	0.38
Grading	Tractors/Loaders/Backhoes	Diesel	Average	2.00	8.00	84.0	0.37
Grading	Scrapers	Diesel	Average	2.00	8.00	423	0.48
Grading	Rubber Tired Dozers	Diesel	Average	1.00	8.00	367	0.40
Building Construction	Forklifts	Diesel	Average	3.00	8.00	82.0	0.20
Building Construction	Generator Sets	Diesel	Average	1.00	8.00	14.0	0.74
Building Construction	Cranes	Diesel	Average	1.00	7.00	367	0.29
Building Construction	Welders	Diesel	Average	1.00	8.00	46.0	0.45
Building Construction	Tractors/Loaders/Backhoes	Diesel	Average	3.00	7.00	84.0	0.37
Paving	Pavers	Diesel	Average	2.00	8.00	81.0	0.42
Paving	Paving Equipment	Diesel	Average	2.00	8.00	89.0	0.36
Paving	Rollers	Diesel	Average	2.00	8.00	36.0	0.38

Architectural Coating	Air Compressors	Diesel	Average	1.00	6.00	37.0	0.48

5.2.2. Mitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Demolition	Rubber Tired Dozers	Diesel	Tier 4 Final	2.00	8.00	367	0.40
Demolition	Excavators	Diesel	Tier 4 Final	3.00	8.00	36.0	0.38
Demolition	Concrete/Industrial Saws	Diesel	Tier 4 Final	1.00	8.00	33.0	0.73
Site Preparation	Rubber Tired Dozers	Diesel	Tier 4 Final	3.00	8.00	367	0.40
Site Preparation	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	4.00	8.00	84.0	0.37
Grading	Graders	Diesel	Tier 4 Final	1.00	8.00	148	0.41
Grading	Excavators	Diesel	Tier 4 Final	2.00	8.00	36.0	0.38
Grading	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	2.00	8.00	84.0	0.37
Grading	Scrapers	Diesel	Tier 4 Final	2.00	8.00	423	0.48
Grading	Rubber Tired Dozers	Diesel	Tier 4 Final	1.00	8.00	367	0.40
Building Construction	Forklifts	Diesel	Tier 4 Final	3.00	8.00	82.0	0.20
Building Construction	Generator Sets	Diesel	Average	1.00	8.00	14.0	0.74
Building Construction	Cranes	Diesel	Tier 4 Final	1.00	7.00	367	0.29
Building Construction	Welders	Diesel	Tier 4 Final	1.00	8.00	46.0	0.45
Building Construction	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	3.00	7.00	84.0	0.37
Paving	Pavers	Diesel	Tier 4 Final	2.00	8.00	81.0	0.42
Paving	Paving Equipment	Diesel	Tier 4 Final	2.00	8.00	89.0	0.36
Paving	Rollers	Diesel	Tier 4 Final	2.00	8.00	36.0	0.38
Architectural Coating	Air Compressors	Diesel	Average	1.00	6.00	37.0	0.48

5.3. Construction Vehicles

5.3.1. Unmitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Demolition	—	—	—	—
Demolition	Worker	15.0	18.5	LDA,LDT1,LDT2
Demolition	Vendor	—	10.2	HHDT,MHDT
Demolition	Hauling	3.67	20.0	HHDT
Demolition	Onsite truck	—	—	HHDT
Site Preparation	—	—	—	—
Site Preparation	Worker	17.5	18.5	LDA,LDT1,LDT2
Site Preparation	Vendor	—	10.2	HHDT,MHDT
Site Preparation	Hauling	0.00	20.0	HHDT
Site Preparation	Onsite truck	—	—	HHDT
Grading	—	—	—	—
Grading	Worker	20.0	18.5	LDA,LDT1,LDT2
Grading	Vendor	—	10.2	HHDT,MHDT
Grading	Hauling	0.00	20.0	HHDT
Grading	Onsite truck	—	—	HHDT
Building Construction	—	—	—	—
Building Construction	Worker	110	18.5	LDA,LDT1,LDT2
Building Construction	Vendor	43.4	10.2	HHDT,MHDT
Building Construction	Hauling	0.00	20.0	HHDT
Building Construction	Onsite truck	—	—	HHDT
Paving	—	—	—	—
Paving	Worker	15.0	18.5	LDA,LDT1,LDT2
Paving	Vendor	—	10.2	HHDT,MHDT

Paving	Hauling	0.00	20.0	HHDT
Paving	Onsite truck	—	—	HHDT
Architectural Coating	—	—	—	—
Architectural Coating	Worker	22.0	18.5	LDA,LDT1,LDT2
Architectural Coating	Vendor	—	10.2	HHDT,MHDT
Architectural Coating	Hauling	0.00	20.0	HHDT
Architectural Coating	Onsite truck	—	—	HHDT

5.3.2. Mitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Demolition	—	—	—	—
Demolition	Worker	15.0	18.5	LDA,LDT1,LDT2
Demolition	Vendor	—	10.2	HHDT,MHDT
Demolition	Hauling	3.67	20.0	HHDT
Demolition	Onsite truck	—	—	HHDT
Site Preparation	—	—	—	—
Site Preparation	Worker	17.5	18.5	LDA,LDT1,LDT2
Site Preparation	Vendor	—	10.2	HHDT,MHDT
Site Preparation	Hauling	0.00	20.0	HHDT
Site Preparation	Onsite truck	—	—	HHDT
Grading	—	—	—	—
Grading	Worker	20.0	18.5	LDA,LDT1,LDT2
Grading	Vendor	—	10.2	HHDT,MHDT
Grading	Hauling	0.00	20.0	HHDT
Grading	Onsite truck	—	—	HHDT
Building Construction	—	—	—	—
Building Construction	Worker	110	18.5	LDA,LDT1,LDT2

Building Construction	Vendor	43.4	10.2	HHDT,MHDT
Building Construction	Hauling	0.00	20.0	HHDT
Building Construction	Onsite truck	—	—	HHDT
Paving	—	—	—	—
Paving	Worker	15.0	18.5	LDA,LDT1,LDT2
Paving	Vendor	—	10.2	HHDT,MHDT
Paving	Hauling	0.00	20.0	HHDT
Paving	Onsite truck	—	—	HHDT
Architectural Coating	—	—	—	—
Architectural Coating	Worker	22.0	18.5	LDA,LDT1,LDT2
Architectural Coating	Vendor	—	10.2	HHDT,MHDT
Architectural Coating	Hauling	0.00	20.0	HHDT
Architectural Coating	Onsite truck	—	—	HHDT

5.4. Vehicles

5.4.1. Construction Vehicle Control Strategies

Control Strategies Applied	PM10 Reduction	PM2.5 Reduction
Water unpaved roads twice daily	55%	55%
Limit vehicle speeds on unpaved roads to 25 mph	44%	44%

5.5. Architectural Coatings

Phase Name	Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
Architectural Coating	0.00	0.00	397,587	132,529	16,658

5.6. Dust Mitigation

5.6.1. Construction Earthmoving Activities

Phase Name	Material Imported (Cubic Yards)	Material Exported (Cubic Yards)	Acres Graded (acres)	Material Demolished (Ton of Debris)	Acres Paved (acres)
Demolition	0.00	0.00	0.00	218	—
Site Preparation	0.00	0.00	22.5	0.00	—
Grading	0.00	0.00	90.0	0.00	—
Paving	0.00	0.00	0.00	0.00	5.46

5.6.2. Construction Earthmoving Control Strategies

Control Strategies Applied	Frequency (per day)	PM10 Reduction	PM2.5 Reduction
Water Exposed Area	3	74%	74%
Water Demolished Area	2	36%	36%

5.7. Construction Paving

Land Use	Area Paved (acres)	% Asphalt
Unrefrigerated Warehouse-No Rail	0.00	0%
General Office Building	0.00	0%
Parking Lot	5.46	100%

5.8. Construction Electricity Consumption and Emissions Factors

kWh per Year and Emission Factor (lb/MWh)

Year	kWh per Year	CO2	CH4	N2O
2024	0.00	349	0.03	< 0.005
2025	0.00	349	0.03	< 0.005

5.9. Operational Mobile Sources

5.9.1. Unmitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year
Unrefrigerated Warehouse-No Rail	123	123	123	44,891	4,083	4,083	4,083	1,490,386
General Office Building	332	332	332	121,180	8,586	8,586	8,586	3,134,008
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

5.9.2. Mitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year
Unrefrigerated Warehouse-No Rail	123	123	123	44,891	4,083	4,083	4,083	1,490,386
General Office Building	332	332	332	121,180	8,586	8,586	8,586	3,134,008
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

5.10. Operational Area Sources

5.10.1. Hearths

5.10.1.1. Unmitigated

5.10.1.2. Mitigated

5.10.2. Architectural Coatings

Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
0	0.00	397,587	132,529	16,658

5.10.3. Landscape Equipment

Season	Unit	Value
Snow Days	day/yr	0.00
Summer Days	day/yr	250

5.10.4. Landscape Equipment - Mitigated

Season	Unit	Value
Snow Days	day/yr	0.00
Summer Days	day/yr	250

5.11. Operational Energy Consumption

5.11.1. Unmitigated

Electricity (kWh/yr) and CO2 and CH4 and N2O and Natural Gas (kBTU/yr)

Land Use	Electricity (kWh/yr)	CO2	CH4	N2O	Natural Gas (kBTU/yr)
Unrefrigerated Warehouse-No Rail	1,169,264	349	0.0330	0.0040	4,850,522
General Office Building	191,875	349	0.0330	0.0040	303,453
Parking Lot	208,430	349	0.0330	0.0040	0.00

5.11.2. Mitigated

Electricity (kWh/yr) and CO2 and CH4 and N2O and Natural Gas (kBTU/yr)

Land Use	Electricity (kWh/yr)	CO2	CH4	N2O	Natural Gas (kBTU/yr)
Unrefrigerated Warehouse-No Rail	0.00	349	0.0330	0.0040	4,850,522
General Office Building	< 0.005	349	0.0330	0.0040	303,453
Parking Lot	0.00	349	0.0330	0.0040	0.00

5.12. Operational Water and Wastewater Consumption

5.12.1. Unmitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
Unrefrigerated Warehouse-No Rail	58,750,913	1,687,238
General Office Building	1,955,071	0.00
Parking Lot	0.00	0.00

5.12.2. Mitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
Unrefrigerated Warehouse-No Rail	58,750,913	1,687,238
General Office Building	1,955,071	0.00
Parking Lot	0.00	0.00

5.13. Operational Waste Generation

5.13.1. Unmitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
Unrefrigerated Warehouse-No Rail	239	—
General Office Building	10.2	—
Parking Lot	0.00	—

5.13.2. Mitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
Unrefrigerated Warehouse-No Rail	59.7	—
General Office Building	2.56	—

Parking Lot	0.00	—

5.14. Operational Refrigeration and Air Conditioning Equipment

5.14.1. Unmitigated

Land Use Type	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced
General Office Building	Household refrigerators and/or freezers	R-134a	1,430	0.02	0.60	0.00	1.00
General Office Building	Other commercial A/C and heat pumps	R-410A	2,088	< 0.005	4.00	4.00	18.0

5.14.2. Mitigated

Land Use Type	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced
General Office Building	Household refrigerators and/or freezers	R-134a	1,430	0.02	0.60	0.00	1.00
General Office Building	Other commercial A/C and heat pumps	R-410A	2,088	< 0.005	4.00	4.00	18.0

5.15. Operational Off-Road Equipment

5.15.1. Unmitigated

Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor

5.15.2. Mitigated

Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor

5.16. Stationary Sources

5.16.1. Emergency Generators and Fire Pumps

Equipment Type	Fuel Type	Number per Day	Hours per Day	Hours per Year	Horsepower	Load Factor

5.16.2. Process Boilers

Equipment Type	Fuel Type	Number	Boiler Rating (MMBtu/hr)	Daily Heat Input (MMBtu/day)	Annual Heat Input (MMBtu/yr)

5.17. User Defined

Equipment Type	Fuel Type

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1.2. Mitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.1.2. Mitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.2. Sequestration

5.18.2.1. Unmitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)

5.18.2.2. Mitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

Cal-Adapt midcentury 2040–2059 average projections for four hazards are reported below for your project location. These are under Representation Concentration Pathway (RCP) 8.5 which assumes GHG emissions will continue to rise strongly through 2050 and then plateau around 2100.

Climate Hazard	Result for Project Location	Unit
Temperature and Extreme Heat	27.9	annual days of extreme heat
Extreme Precipitation	2.60	annual days with precipitation above 20 mm
Sea Level Rise	0.00	meters of inundation depth
Wildfire	7.84	annual hectares burned

Temperature and Extreme Heat data are for grid cell in which your project are located. The projection is based on the 98th historical percentile of daily maximum/minimum temperatures from observed historical data (32 climate model ensemble from Cal-Adapt, 2040–2059 average under RCP 8.5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Extreme Precipitation data are for the grid cell in which your project are located. The threshold of 20 mm is equivalent to about ¾ an inch of rain, which would be light to moderate rainfall if received over a full day or heavy rain if received over a period of 2 to 4 hours. Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Sea Level Rise data are for the grid cell in which your project are located. The projections are from Radke et al. (2017), as reported in Cal-Adapt (2040–2059 average under RCP 8.5), and consider different increments of sea level rise coupled with extreme storm events. Users may select from four model simulations to view the range in potential inundation depth for the grid cell. The four simulations make different assumptions about expected rainfall and temperature are: Warmer/drier (HadGEM2-ES), Cooler/wetter (CNRM-CM5), Average conditions (CanESM2), Range of different rainfall and temperature possibilities (MIROC5). Each grid cell is 50 meters (m) by 50 m, or about 164 feet (ft) by 164 ft.

Wildfire data are for the grid cell in which your project are located. The projections are from UC Davis, as reported in Cal-Adapt (2040–2059 average under RCP 8.5), and consider historical data of climate, vegetation, population density, and large (> 400 ha) fire history. Users may select from four model simulations to view the range in potential wildfire probabilities for the grid cell. The four simulations make different assumptions about expected rainfall and temperature are: Warmer/drier (HadGEM2-ES), Cooler/wetter (CNRM-CM5), Average conditions (CanESM2), Range of different rainfall and temperature possibilities (MIROC5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

6.2. Initial Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	3	0	0	N/A
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	1	0	0	N/A
Wildfire	1	0	0	N/A
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	0	0	0	N/A

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores do not include implementation of climate risk reduction measures.

6.3. Adjusted Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	3	1	1	3
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	1	1	1	2
Wildfire	1	1	1	2
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A

Air Quality Degradation	1	1	1	2

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores include implementation of climate risk reduction measures.

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Exposure Indicators	—
AQ-Ozone	91.1
AQ-PM	51.4
AQ-DPM	21.5
Drinking Water	67.4
Lead Risk Housing	21.2
Pesticides	70.2
Toxic Releases	24.2
Traffic	74.1
Effect Indicators	—
CleanUp Sites	0.00
Groundwater	0.00
Haz Waste Facilities/Generators	50.1
Impaired Water Bodies	12.5
Solid Waste	22.1

Sensitive Population	—
Asthma	48.8
Cardio-vascular	78.2
Low Birth Weights	53.5
Socioeconomic Factor Indicators	—
Education	79.3
Housing	24.9
Linguistic	16.4
Poverty	46.8
Unemployment	73.4

7.2. Healthy Places Index Scores

The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Economic	—
Above Poverty	60.29770307
Employed	40.65186706
Median HI	53.71487232
Education	—
Bachelor's or higher	37.28987553
High school enrollment	21.68612858
Preschool enrollment	56.08879764
Transportation	—
Auto Access	87.47593995
Active commuting	24.03438984
Social	—
2-parent households	65.68715514

Voting	37.14872321
Neighborhood	—
Alcohol availability	82.31746439
Park access	26.70345182
Retail density	10.84306429
Supermarket access	22.85384319
Tree canopy	2.014628513
Housing	—
Homeownership	88.6179905
Housing habitability	84.80687797
Low-inc homeowner severe housing cost burden	74.63107917
Low-inc renter severe housing cost burden	62.78711664
Uncrowded housing	64.30129603
Health Outcomes	—
Insured adults	49.23649429
Arthritis	1.9
Asthma ER Admissions	51.4
High Blood Pressure	4.3
Cancer (excluding skin)	3.1
Asthma	46.1
Coronary Heart Disease	2.1
Chronic Obstructive Pulmonary Disease	9.6
Diagnosed Diabetes	20.7
Life Expectancy at Birth	41.6
Cognitively Disabled	70.6
Physically Disabled	50.9
Heart Attack ER Admissions	20.0

Mental Health Not Good	57.3
Chronic Kidney Disease	3.6
Obesity	36.5
Pedestrian Injuries	19.6
Physical Health Not Good	33.7
Stroke	7.6
Health Risk Behaviors	—
Binge Drinking	80.1
Current Smoker	59.6
No Leisure Time for Physical Activity	36.0
Climate Change Exposures	—
Wildfire Risk	7.4
SLR Inundation Area	0.0
Children	31.0
Elderly	48.0
English Speaking	75.4
Foreign-born	34.0
Outdoor Workers	12.6
Climate Change Adaptive Capacity	—
Impervious Surface Cover	83.3
Traffic Density	34.3
Traffic Access	23.0
Other Indices	—
Hardship	58.4
Other Decision Support	—
2016 Voting	52.4

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	55.0
Healthy Places Index Score for Project Location (b)	50.0
Project Located in a Designated Disadvantaged Community (Senate Bill 535)	No
Project Located in a Low-Income Community (Assembly Bill 1550)	No
Project Located in a Community Air Protection Program Community (Assembly Bill 617)	No

a: The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.
b: The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

7.4. Health & Equity Measures

No Health & Equity Measures selected.

7.5. Evaluation Scorecard

Health & Equity Evaluation Scorecard not completed.

7.6. Health & Equity Custom Measures

No Health & Equity Custom Measures created.

8. User Changes to Default Data

Screen	Justification
Construction: Construction Phases	Per construction dates
Construction: Architectural Coatings	SCAQMD Rule 1113
Operations: Vehicle Data	Trip rates per traffic study Truck trips under warehouse land use Passenger car trips under general office land use Trip length for trucks has been modified Trip percentage for truck and passenger cars has been modified
Operations: Fleet Mix	Truck fleet mix under the warehouse land use Passenger car fleet mix under the general office building land use

Operations: Architectural Coatings	SCAQMD Rule 1113

Menifee Compass Northern Gateway Warehouses - Site 2 (Wheat Street) Detailed Report

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1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	Menifee Compass Northern Gateway Warehouses - Site 2 (Wheat Street)
Construction Start Date	5/1/2024
Operational Year	2025
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	2.50
Precipitation (days)	0.20
Location	33.740616462755824, -117.22118127102104
County	Riverside-South Coast
City	Menifee
Air District	South Coast AQMD
Air Basin	South Coast
TAZ	5512
EDFZ	11
Electric Utility	Southern California Edison
Gas Utility	Southern California Gas
App Version	2022.1.1.19

1.2. Land Use Types

Land Use Subtype	Size	Unit	Lot Acreage	Building Area (sq ft)	Landscape Area (sq ft)	Special Landscape Area (sq ft)	Population	Description

Unrefrigerated Warehouse-No Rail	77.2	1000sqft	1.77	77,176	33,516	—	—	—
General Office Building	9.50	1000sqft	0.22	9,500	0.00	—	—	—
Parking Lot	85.4	1000sqft	1.96	0.00	0.00	—	—	—

1.3. User-Selected Emission Reduction Measures by Emissions Sector

Sector	#	Measure Title
Construction	C-2*	Limit Heavy-Duty Diesel Vehicle Idling
Construction	C-5	Use Advanced Engine Tiers
Construction	C-13	Use Low-VOC Paints for Construction
Transportation	T-11*	Provide Employer-Sponsored Vanpool
Transportation	T-14*	Provide Electric Vehicle Charging Infrastructure
Transportation	T-34*	Provide Bike Parking
Transportation	T-53*	Electrify Loading Docks
Energy	E-10-B	Establish Onsite Renewable Energy Systems: Solar Power
Waste	S-1/S-2	Implement Waste Reduction Plan

* Qualitative or supporting measure. Emission reductions not included in the mitigated emissions results.

2. Emissions Summary

2.1. Construction Emissions Compared Against Thresholds

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Un/Mit.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	4.44	3.74	36.0	34.4	0.05	1.60	5.34	6.94	1.47	2.68	4.15	—	5,548	5,548	0.23	0.10	3.27	5,570

Mit.	0.60	0.59	3.50	29.8	0.05	0.10	5.34	5.44	0.10	2.68	2.78	—	5,548	5,548	0.23	0.10	3.27	5,570
% Reduced	87%	84%	90%	13%	—	94%	—	22%	93%	—	33%	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	1.65	14.4	11.9	15.5	0.03	0.50	0.58	1.09	0.46	0.14	0.61	—	3,308	3,308	0.13	0.10	0.08	3,342
Mit.	0.57	3.64	3.55	17.2	0.03	0.11	0.58	0.67	0.11	0.14	0.22	—	3,308	3,308	0.13	0.10	0.08	3,342
% Reduced	65%	75%	70%	-11%	—	77%	—	39%	77%	—	63%	—	—	—	—	—	—	—
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	1.03	1.08	7.88	8.94	0.01	0.35	0.77	1.12	0.32	0.34	0.66	—	1,646	1,646	0.07	0.03	0.46	1,659
Mit.	0.25	0.30	1.44	8.94	0.01	0.04	0.77	0.81	0.04	0.34	0.38	—	1,646	1,646	0.07	0.03	0.46	1,659
% Reduced	76%	73%	82%	—	—	89%	—	27%	88%	—	43%	—	—	—	—	—	—	—
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.19	0.20	1.44	1.63	< 0.005	0.06	0.14	0.20	0.06	0.06	0.12	—	273	273	0.01	0.01	0.08	275
Mit.	0.05	0.05	0.26	1.63	< 0.005	0.01	0.14	0.15	0.01	0.06	0.07	—	273	273	0.01	0.01	0.08	275
% Reduced	76%	73%	82%	< 0.5%	—	89%	—	27%	88%	—	43%	—	—	—	—	—	—	—
Exceeds (Daily Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Threshold	—	75.0	100	550	150	—	—	150	—	—	55.0	—	—	—	—	—	—	—
Unmit.	—	No	No	No	No	—	—	No	—	—	No	—	—	—	—	—	—	—
Mit.	—	No	No	No	No	—	—	No	—	—	No	—	—	—	—	—	—	—
Exceeds (Average Daily)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Threshol	—	75.0	100	550	150	—	—	150	—	—	55.0	—	—	—	—	—	—	—
Unmit.	—	No	No	No	No	—	—	No	—	—	No	—	—	—	—	—	—	—
Mit.	—	No	No	No	No	—	—	No	—	—	No	—	—	—	—	—	—	—

2.2. Construction Emissions by Year, Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Year	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2024	4.44	3.74	36.0	34.4	0.05	1.60	5.34	6.94	1.47	2.68	4.15	—	5,548	5,548	0.23	0.10	3.27	5,570
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2024	1.65	14.4	11.9	15.5	0.03	0.50	0.58	1.09	0.46	0.14	0.61	—	3,308	3,308	0.13	0.10	0.08	3,342
2025	0.19	14.3	0.92	1.55	< 0.005	0.03	0.09	0.12	0.03	0.02	0.05	—	225	225	0.01	< 0.005	0.01	227
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2024	1.03	1.08	7.88	8.94	0.01	0.35	0.77	1.12	0.32	0.34	0.66	—	1,646	1,646	0.07	0.03	0.46	1,659
2025	0.01	0.98	0.06	0.11	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	15.5	15.5	< 0.005	< 0.005	0.01	15.6
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2024	0.19	0.20	1.44	1.63	< 0.005	0.06	0.14	0.20	0.06	0.06	0.12	—	273	273	0.01	0.01	0.08	275
2025	< 0.005	0.18	0.01	0.02	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	2.57	2.57	< 0.005	< 0.005	< 0.005	2.59

2.3. Construction Emissions by Year, Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Year	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e

Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2024	0.60	0.59	3.50	29.8	0.05	0.10	5.34	5.44	0.10	2.68	2.78	—	5,548	5,548	0.23	0.10	3.27	5,570
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2024	0.57	3.64	3.55	17.2	0.03	0.11	0.58	0.67	0.11	0.14	0.22	—	3,308	3,308	0.13	0.10	0.08	3,342
2025	0.19	3.63	0.92	1.55	< 0.005	0.03	0.09	0.12	0.03	0.02	0.05	—	225	225	0.01	< 0.005	0.01	227
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2024	0.25	0.30	1.44	8.94	0.01	0.04	0.77	0.81	0.04	0.34	0.38	—	1,646	1,646	0.07	0.03	0.46	1,659
2025	0.01	0.25	0.06	0.11	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	15.5	15.5	< 0.005	< 0.005	0.01	15.6
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2024	0.05	0.05	0.26	1.63	< 0.005	0.01	0.14	0.15	0.01	0.06	0.07	—	273	273	0.01	0.01	0.08	275
2025	< 0.005	0.05	0.01	0.02	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	2.57	2.57	< 0.005	< 0.005	< 0.005	2.59

2.4. Operations Emissions Compared Against Thresholds

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Un/Mit.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	1.42	3.19	4.83	13.3	0.06	0.12	3.11	3.23	0.11	0.80	0.91	81.3	7,030	7,111	8.45	0.72	19.3	7,555
Mit.	1.42	3.19	4.83	13.3	0.06	0.12	3.11	3.23	0.11	0.80	0.91	48.4	6,461	6,509	5.11	0.71	19.3	6,867
% Reduced	—	—	—	—	—	—	—	—	—	—	—	40%	8%	8%	40%	1%	—	9%
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.72	2.55	5.01	7.85	0.06	0.11	3.11	3.22	0.11	0.80	0.91	81.3	6,862	6,943	8.45	0.72	0.52	7,369

Mit.	0.72	2.55	5.01	7.85	0.06	0.11	3.11	3.22	0.11	0.80	0.91	48.4	6,293	6,341	5.11	0.71	0.52	6,682
% Reduced	—	—	—	—	—	—	—	—	—	—	—	40%	8%	9%	40%	1%	—	9%
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	1.18	2.97	5.09	10.7	0.06	0.11	3.11	3.23	0.11	0.80	0.91	81.3	6,894	6,976	8.45	0.72	8.36	7,410
Mit.	1.18	2.97	5.09	10.7	0.06	0.11	3.11	3.23	0.11	0.80	0.91	48.4	6,325	6,374	5.11	0.71	8.36	6,722
% Reduced	—	—	—	—	—	—	—	—	—	—	—	40%	8%	9%	40%	1%	—	9%
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.22	0.54	0.93	1.96	0.01	0.02	0.57	0.59	0.02	0.15	0.17	13.5	1,141	1,155	1.40	0.12	1.38	1,227
Mit.	0.22	0.54	0.93	1.96	0.01	0.02	0.57	0.59	0.02	0.15	0.17	8.01	1,047	1,055	0.85	0.12	1.38	1,113
% Reduced	—	—	—	—	—	—	—	—	—	—	—	40%	8%	9%	40%	1%	—	9%
Exceeds (Daily Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Threshold	—	55.0	55.0	550	150	—	—	150	—	—	55.0	—	—	—	—	—	—	—
Unmit.	—	No	No	No	No	—	—	No	—	—	No	—	—	—	—	—	—	—
Mit.	—	No	No	No	No	—	—	No	—	—	No	—	—	—	—	—	—	—
Exceeds (Average Daily)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Threshold	—	55.0	55.0	550	150	—	—	150	—	—	55.0	—	—	—	—	—	—	—
Unmit.	—	No	No	No	No	—	—	No	—	—	No	—	—	—	—	—	—	—
Mit.	—	No	No	No	No	—	—	No	—	—	No	—	—	—	—	—	—	—

2.5. Operations Emissions by Sector, Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Sector	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.69	0.56	4.33	9.16	0.05	0.07	3.11	3.19	0.07	0.80	0.87	—	5,759	5,759	0.11	0.61	19.3	5,964
Area	0.67	2.60	0.03	3.77	< 0.005	0.01	—	0.01	0.01	—	0.01	—	15.5	15.5	< 0.005	< 0.005	—	15.6
Energy	0.05	0.03	0.47	0.39	< 0.005	0.04	—	0.04	0.04	—	0.04	—	1,125	1,125	0.10	0.01	—	1,130
Water	—	—	—	—	—	—	—	—	—	—	—	37.4	130	167	3.85	0.09	—	291
Waste	—	—	—	—	—	—	—	—	—	—	—	43.9	0.00	43.9	4.38	0.00	—	153
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.02	0.02
Total	1.42	3.19	4.83	13.3	0.06	0.12	3.11	3.23	0.11	0.80	0.91	81.3	7,030	7,111	8.45	0.72	19.3	7,555
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.67	0.54	4.55	7.46	0.05	0.07	3.11	3.19	0.07	0.80	0.87	—	5,607	5,607	0.11	0.62	0.50	5,795
Area	—	1.98	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Energy	0.05	0.03	0.47	0.39	< 0.005	0.04	—	0.04	0.04	—	0.04	—	1,125	1,125	0.10	0.01	—	1,130
Water	—	—	—	—	—	—	—	—	—	—	—	37.4	130	167	3.85	0.09	—	291
Waste	—	—	—	—	—	—	—	—	—	—	—	43.9	0.00	43.9	4.38	0.00	—	153
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.02	0.02
Total	0.72	2.55	5.01	7.85	0.06	0.11	3.11	3.22	0.11	0.80	0.91	81.3	6,862	6,943	8.45	0.72	0.52	7,369
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.67	0.54	4.61	7.75	0.05	0.07	3.11	3.19	0.07	0.80	0.87	—	5,629	5,629	0.11	0.62	8.34	5,824
Area	0.46	2.40	0.02	2.58	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	10.6	10.6	< 0.005	< 0.005	—	10.7
Energy	0.05	0.03	0.47	0.39	< 0.005	0.04	—	0.04	0.04	—	0.04	—	1,125	1,125	0.10	0.01	—	1,130
Water	—	—	—	—	—	—	—	—	—	—	—	37.4	130	167	3.85	0.09	—	291

Waste	—	—	—	—	—	—	—	—	—	—	—	43.9	0.00	43.9	4.38	0.00	—	153
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.02	0.02
Total	1.18	2.97	5.09	10.7	0.06	0.11	3.11	3.23	0.11	0.80	0.91	81.3	6,894	6,976	8.45	0.72	8.36	7,410
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.12	0.10	0.84	1.41	0.01	0.01	0.57	0.58	0.01	0.15	0.16	—	932	932	0.02	0.10	1.38	964
Area	0.08	0.44	< 0.005	0.47	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	1.76	1.76	< 0.005	< 0.005	—	1.76
Energy	0.01	< 0.005	0.09	0.07	< 0.005	0.01	—	0.01	0.01	—	0.01	—	186	186	0.02	< 0.005	—	187
Water	—	—	—	—	—	—	—	—	—	—	—	6.20	21.5	27.7	0.64	0.02	—	48.2
Waste	—	—	—	—	—	—	—	—	—	—	—	7.26	0.00	7.26	0.73	0.00	—	25.4
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005
Total	0.22	0.54	0.93	1.96	0.01	0.02	0.57	0.59	0.02	0.15	0.17	13.5	1,141	1,155	1.40	0.12	1.38	1,227

2.6. Operations Emissions by Sector, Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Sector	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.69	0.56	4.33	9.16	0.05	0.07	3.11	3.19	0.07	0.80	0.87	—	5,759	5,759	0.11	0.61	19.3	5,964
Area	0.67	2.60	0.03	3.77	< 0.005	0.01	—	0.01	0.01	—	0.01	—	15.5	15.5	< 0.005	< 0.005	—	15.6
Energy	0.05	0.03	0.47	0.39	< 0.005	0.04	—	0.04	0.04	—	0.04	—	556	556	0.05	< 0.005	—	558
Water	—	—	—	—	—	—	—	—	—	—	—	37.4	130	167	3.85	0.09	—	291
Waste	—	—	—	—	—	—	—	—	—	—	—	11.0	0.00	11.0	1.10	0.00	—	38.4
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.02	0.02
Total	1.42	3.19	4.83	13.3	0.06	0.12	3.11	3.23	0.11	0.80	0.91	48.4	6,461	6,509	5.11	0.71	19.3	6,867
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.67	0.54	4.55	7.46	0.05	0.07	3.11	3.19	0.07	0.80	0.87	—	5,607	5,607	0.11	0.62	0.50	5,795

Area	—	1.98	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Energy	0.05	0.03	0.47	0.39	< 0.005	0.04	—	0.04	0.04	—	0.04	—	556	556	0.05	< 0.005	—	558
Water	—	—	—	—	—	—	—	—	—	—	—	37.4	130	167	3.85	0.09	—	291
Waste	—	—	—	—	—	—	—	—	—	—	—	11.0	0.00	11.0	1.10	0.00	—	38.4
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.02	0.02
Total	0.72	2.55	5.01	7.85	0.06	0.11	3.11	3.22	0.11	0.80	0.91	48.4	6,293	6,341	5.11	0.71	0.52	6,682
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.67	0.54	4.61	7.75	0.05	0.07	3.11	3.19	0.07	0.80	0.87	—	5,629	5,629	0.11	0.62	8.34	5,824
Area	0.46	2.40	0.02	2.58	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	10.6	10.6	< 0.005	< 0.005	—	10.7
Energy	0.05	0.03	0.47	0.39	< 0.005	0.04	—	0.04	0.04	—	0.04	—	556	556	0.05	< 0.005	—	558
Water	—	—	—	—	—	—	—	—	—	—	—	37.4	130	167	3.85	0.09	—	291
Waste	—	—	—	—	—	—	—	—	—	—	—	11.0	0.00	11.0	1.10	0.00	—	38.4
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.02	0.02
Total	1.18	2.97	5.09	10.7	0.06	0.11	3.11	3.23	0.11	0.80	0.91	48.4	6,325	6,374	5.11	0.71	8.36	6,722
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.12	0.10	0.84	1.41	0.01	0.01	0.57	0.58	0.01	0.15	0.16	—	932	932	0.02	0.10	1.38	964
Area	0.08	0.44	< 0.005	0.47	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	1.76	1.76	< 0.005	< 0.005	—	1.76
Energy	0.01	< 0.005	0.09	0.07	< 0.005	0.01	—	0.01	0.01	—	0.01	—	92.1	92.1	0.01	< 0.005	—	92.3
Water	—	—	—	—	—	—	—	—	—	—	—	6.20	21.5	27.7	0.64	0.02	—	48.2
Waste	—	—	—	—	—	—	—	—	—	—	—	1.82	0.00	1.82	0.18	0.00	—	6.35
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005
Total	0.22	0.54	0.93	1.96	0.01	0.02	0.57	0.59	0.02	0.15	0.17	8.01	1,047	1,055	0.85	0.12	1.38	1,113

3. Construction Emissions Details

3.1. Site Preparation (2024) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	4.34	3.65	36.0	32.9	0.05	1.60	—	1.60	1.47	—	1.47	—	5,296	5,296	0.21	0.04	—	5,314
Dust From Material Movement	—	—	—	—	—	—	5.11	5.11	—	2.63	2.63	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.36	0.30	2.96	2.71	< 0.005	0.13	—	0.13	0.12	—	0.12	—	435	435	0.02	< 0.005	—	437
Dust From Material Movement	—	—	—	—	—	—	0.42	0.42	—	0.22	0.22	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.07	0.05	0.54	0.49	< 0.005	0.02	—	0.02	0.02	—	0.02	—	72.1	72.1	< 0.005	< 0.005	—	72.3
Dust From Material Movement	—	—	—	—	—	—	0.08	0.08	—	0.04	0.04	—	—	—	—	—	—	—

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.10	0.09	0.08	1.46	0.00	0.00	0.23	0.23	0.00	0.05	0.05	—	252	252	0.01	0.01	1.00	256
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.10	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	—	19.3	19.3	< 0.005	< 0.005	0.04	19.5
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.02	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	3.19	3.19	< 0.005	< 0.005	0.01	3.24
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.2. Site Preparation (2024) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.50	0.50	2.59	28.3	0.05	0.10	—	0.10	0.10	—	0.10	—	5,296	5,296	0.21	0.04	—	5,314
Dust From Material Movement	—	—	—	—	—	—	5.11	5.11	—	2.63	2.63	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.04	0.04	0.21	2.33	< 0.005	0.01	—	0.01	0.01	—	0.01	—	435	435	0.02	< 0.005	—	437
Dust From Material Movement	—	—	—	—	—	—	0.42	0.42	—	0.22	0.22	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.04	0.42	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	72.1	72.1	< 0.005	< 0.005	—	72.3
Dust From Material Movement	—	—	—	—	—	—	0.08	0.08	—	0.04	0.04	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.10	0.09	0.08	1.46	0.00	0.00	0.23	0.23	0.00	0.05	0.05	—	252	252	0.01	0.01	1.00	256

Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.10	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	—	19.3	19.3	< 0.005	< 0.005	0.04	19.5
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.02	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	3.19	3.19	< 0.005	< 0.005	0.01	3.24
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.3. Grading (2024) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.26	1.90	18.2	18.8	0.03	0.84	—	0.84	0.77	—	0.77	—	2,958	2,958	0.12	0.02	—	2,969
Dust From Material Movement	—	—	—	—	—	—	1.84	1.84	—	0.89	0.89	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.19	0.16	1.50	1.55	< 0.005	0.07	—	0.07	0.06	—	0.06	—	243	243	0.01	< 0.005	—	244
Dust From Material Movement	—	—	—	—	—	—	0.15	0.15	—	0.07	0.07	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.03	0.27	0.28	< 0.005	0.01	—	0.01	0.01	—	0.01	—	40.3	40.3	< 0.005	< 0.005	—	40.4
Dust From Material Movement	—	—	—	—	—	—	0.03	0.03	—	0.01	0.01	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.08	0.08	0.07	1.25	0.00	0.00	0.20	0.20	0.00	0.05	0.05	—	216	216	0.01	0.01	0.86	219
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	0.01	0.01	0.01	0.08	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	—	16.5	16.5	< 0.005	< 0.005	0.03	16.7
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	2.73	2.73	< 0.005	< 0.005	0.01	2.77
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.4. Grading (2024) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.29	0.29	2.04	17.8	0.03	0.06	—	0.06	0.06	—	0.06	—	2,958	2,958	0.12	0.02	—	2,969
Dust From Material Movement	—	—	—	—	—	—	1.84	1.84	—	0.89	0.89	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.17	1.46	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	243	243	0.01	< 0.005	—	244

Dust From Material Movement	—	—	—	—	—	—	0.15	0.15	—	0.07	0.07	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.03	0.27	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	40.3	40.3	< 0.005	< 0.005	—	40.4
Dust From Material Movement	—	—	—	—	—	—	0.03	0.03	—	0.01	0.01	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.08	0.08	0.07	1.25	0.00	0.00	0.20	0.20	0.00	0.05	0.05	—	216	216	0.01	0.01	0.86	219
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.08	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	—	16.5	16.5	< 0.005	< 0.005	0.03	16.7
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	2.73	2.73	< 0.005	< 0.005	0.01	2.77
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.5. Building Construction (2024) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.44	1.20	11.2	13.1	0.02	0.50	—	0.50	0.46	—	0.46	—	2,398	2,398	0.10	0.02	—	2,406
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.44	1.20	11.2	13.1	0.02	0.50	—	0.50	0.46	—	0.46	—	2,398	2,398	0.10	0.02	—	2,406
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.37	0.31	2.92	3.41	0.01	0.13	—	0.13	0.12	—	0.12	—	624	624	0.03	0.01	—	626
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.07	0.06	0.53	0.62	< 0.005	0.02	—	0.02	0.02	—	0.02	—	103	103	< 0.005	< 0.005	—	104
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.20	0.18	0.17	2.96	0.00	0.00	0.46	0.46	0.00	0.11	0.11	—	510	510	0.02	0.02	2.02	518
Vendor	0.02	0.01	0.50	0.16	< 0.005	0.01	0.12	0.13	0.01	0.03	0.04	—	441	441	0.01	0.07	1.24	462
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.19	0.17	0.20	2.24	0.00	0.00	0.46	0.46	0.00	0.11	0.11	—	469	469	0.02	0.02	0.05	475
Vendor	0.02	0.01	0.52	0.16	< 0.005	0.01	0.12	0.13	0.01	0.03	0.04	—	441	441	0.01	0.07	0.03	461
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.04	0.05	0.61	0.00	0.00	0.12	0.12	0.00	0.03	0.03	—	124	124	0.01	< 0.005	0.23	125
Vendor	0.01	< 0.005	0.14	0.04	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01	—	115	115	< 0.005	0.02	0.14	120
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.11	0.00	0.00	0.02	0.02	0.00	0.01	0.01	—	20.5	20.5	< 0.005	< 0.005	0.04	20.8
Vendor	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	19.0	19.0	< 0.005	< 0.005	0.02	19.9
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.6. Building Construction (2024) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.35	0.33	2.83	14.8	0.02	0.08	—	0.08	0.07	—	0.07	—	2,398	2,398	0.10	0.02	—	2,406
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.35	0.33	2.83	14.8	0.02	0.08	—	0.08	0.07	—	0.07	—	2,398	2,398	0.10	0.02	—	2,406
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.09	0.09	0.74	3.86	0.01	0.02	—	0.02	0.02	—	0.02	—	624	624	0.03	0.01	—	626
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.13	0.70	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	103	103	< 0.005	< 0.005	—	104
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.20	0.18	0.17	2.96	0.00	0.00	0.46	0.46	0.00	0.11	0.11	—	510	510	0.02	0.02	2.02	518
Vendor	0.02	0.01	0.50	0.16	< 0.005	0.01	0.12	0.13	0.01	0.03	0.04	—	441	441	0.01	0.07	1.24	462
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.19	0.17	0.20	2.24	0.00	0.00	0.46	0.46	0.00	0.11	0.11	—	469	469	0.02	0.02	0.05	475

Vendor	0.02	0.01	0.52	0.16	< 0.005	0.01	0.12	0.13	0.01	0.03	0.04	—	441	441	0.01	0.07	0.03	461
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.04	0.05	0.61	0.00	0.00	0.12	0.12	0.00	0.03	0.03	—	124	124	0.01	< 0.005	0.23	125
Vendor	0.01	< 0.005	0.14	0.04	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01	—	115	115	< 0.005	0.02	0.14	120
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.11	0.00	0.00	0.02	0.02	0.00	0.01	0.01	—	20.5	20.5	< 0.005	< 0.005	0.04	20.8
Vendor	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	19.0	19.0	< 0.005	< 0.005	0.02	19.9
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.7. Paving (2024) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.91	0.76	6.87	8.89	0.01	0.33	—	0.33	0.30	—	0.30	—	1,351	1,351	0.05	0.01	—	1,355
Paving	—	0.34	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.04	0.03	0.28	0.37	< 0.005	0.01	—	0.01	0.01	—	0.01	—	55.5	55.5	< 0.005	< 0.005	—	55.7
Paving	—	0.01	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.05	0.07	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	9.19	9.19	< 0.005	< 0.005	—	9.22
Paving	—	< 0.005	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.11	0.10	0.11	1.26	0.00	0.00	0.26	0.26	0.00	0.06	0.06	—	265	265	0.01	0.01	0.03	268
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.05	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	11.0	11.0	< 0.005	< 0.005	0.02	11.2
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.82	1.82	< 0.005	< 0.005	< 0.005	1.85
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.8. Paving (2024) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.47	0.41	2.52	9.39	0.01	0.11	—	0.11	0.11	—	0.11	—	1,351	1,351	0.05	0.01	—	1,355
Paving	—	0.34	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.10	0.39	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	55.5	55.5	< 0.005	< 0.005	—	55.7
Paving	—	0.01	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.02	0.07	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	9.19	9.19	< 0.005	< 0.005	—	9.22
Paving	—	< 0.005	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.11	0.10	0.11	1.26	0.00	0.00	0.26	0.26	0.00	0.06	0.06	—	265	265	0.01	0.01	0.03	268
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.05	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	11.0	11.0	< 0.005	< 0.005	0.02	11.2
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.82	1.82	< 0.005	< 0.005	< 0.005	1.85
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.9. Architectural Coating (2024) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.17	0.14	0.91	1.15	< 0.005	0.03	—	0.03	0.03	—	0.03	—	134	134	0.01	< 0.005	—	134
Architectural Coatings	—	14.2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.01	0.02	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	1.83	1.83	< 0.005	< 0.005	—	1.84
Architectural Coatings	—	0.19	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.30	0.30	< 0.005	< 0.005	—	0.30
Architectural Coatings	—	0.04	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04	0.03	0.04	0.45	0.00	0.00	0.09	0.09	0.00	0.02	0.02	—	93.8	93.8	< 0.005	< 0.005	0.01	95.0
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.30	1.30	< 0.005	< 0.005	< 0.005	1.32
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.22	0.22	< 0.005	< 0.005	< 0.005	0.22
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.10. Architectural Coating (2024) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.17	0.14	0.91	1.15	< 0.005	0.03	—	0.03	0.03	—	0.03	—	134	134	0.01	< 0.005	—	134
Architectural Coatings	—	3.47	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.01	0.02	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	1.83	1.83	< 0.005	< 0.005	—	1.84
Architectural Coatings	—	0.05	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.30	0.30	< 0.005	< 0.005	—	0.30
Architectural Coatings	—	0.01	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04	0.03	0.04	0.45	0.00	0.00	0.09	0.09	0.00	0.02	0.02	—	93.8	93.8	< 0.005	< 0.005	0.01	95.0
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.30	1.30	< 0.005	< 0.005	< 0.005	1.32
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.22	0.22	< 0.005	< 0.005	< 0.005	0.22
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.11. Architectural Coating (2025) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.15	0.13	0.88	1.14	< 0.005	0.03	—	0.03	0.03	—	0.03	—	134	134	0.01	< 0.005	—	134
Architectural Coatings	—	14.2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.06	0.08	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	9.15	9.15	< 0.005	< 0.005	—	9.18
Architectural Coatings	—	0.97	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	1.51	1.51	< 0.005	< 0.005	—	1.52
Architectural Coatings	—	0.18	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.03	0.03	0.41	0.00	0.00	0.09	0.09	0.00	0.02	0.02	—	91.9	91.9	< 0.005	< 0.005	0.01	93.0
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.03	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	6.37	6.37	< 0.005	< 0.005	0.01	6.46
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.06	1.06	< 0.005	< 0.005	< 0.005	1.07
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.12. Architectural Coating (2025) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.15	0.13	0.88	1.14	< 0.005	0.03	—	0.03	0.03	—	0.03	—	134	134	0.01	< 0.005	—	134

Architect Coatings	—	3.47	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.06	0.08	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	9.15	9.15	< 0.005	< 0.005	—	9.18
Architectural Coatings	—	0.24	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	1.51	1.51	< 0.005	< 0.005	—	1.52
Architectural Coatings	—	0.04	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.03	0.03	0.41	0.00	0.00	0.09	0.09	0.00	0.02	0.02	—	91.9	91.9	< 0.005	< 0.005	0.01	93.0
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	< 0.005	< 0.005	< 0.005	0.03	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	6.37	6.37	< 0.005	< 0.005	0.01	6.46
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.06	1.06	< 0.005	< 0.005	< 0.005	1.07
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

4. Operations Emissions Details

4.1. Mobile Emissions by Land Use

4.1.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.16	0.09	3.84	0.92	0.04	0.06	1.16	1.22	0.06	0.31	0.37	—	3,762	3,762	0.06	0.57	11.2	3,944
General Office Building	0.54	0.47	0.50	8.24	0.02	0.01	1.96	1.97	0.01	0.49	0.50	—	1,997	1,997	0.05	0.04	8.10	2,020
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.69	0.56	4.33	9.16	0.05	0.07	3.11	3.19	0.07	0.80	0.87	—	5,759	5,759	0.11	0.61	19.3	5,964

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.16	0.09	4.00	0.93	0.04	0.06	1.16	1.22	0.06	0.31	0.37	—	3,763	3,763	0.06	0.57	0.29	3,935
General Office Building	0.51	0.45	0.54	6.54	0.02	0.01	1.96	1.97	0.01	0.49	0.50	—	1,844	1,844	0.05	0.05	0.21	1,860
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.67	0.54	4.55	7.46	0.05	0.07	3.11	3.19	0.07	0.80	0.87	—	5,607	5,607	0.11	0.62	0.50	5,795
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.03	0.02	0.74	0.17	0.01	0.01	0.21	0.22	0.01	0.06	0.07	—	623	623	0.01	0.09	0.80	652
General Office Building	0.09	0.08	0.10	1.25	< 0.005	< 0.005	0.36	0.36	< 0.005	0.09	0.09	—	309	309	0.01	0.01	0.58	312
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.12	0.10	0.84	1.41	0.01	0.01	0.57	0.58	0.01	0.15	0.16	—	932	932	0.02	0.10	1.38	964

4.1.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Unrefrige Warehouse-No Rail	0.16	0.09	3.84	0.92	0.04	0.06	1.16	1.22	0.06	0.31	0.37	—	3,762	3,762	0.06	0.57	11.2	3,944
General Office Building	0.54	0.47	0.50	8.24	0.02	0.01	1.96	1.97	0.01	0.49	0.50	—	1,997	1,997	0.05	0.04	8.10	2,020
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.69	0.56	4.33	9.16	0.05	0.07	3.11	3.19	0.07	0.80	0.87	—	5,759	5,759	0.11	0.61	19.3	5,964
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.16	0.09	4.00	0.93	0.04	0.06	1.16	1.22	0.06	0.31	0.37	—	3,763	3,763	0.06	0.57	0.29	3,935
General Office Building	0.51	0.45	0.54	6.54	0.02	0.01	1.96	1.97	0.01	0.49	0.50	—	1,844	1,844	0.05	0.05	0.21	1,860
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.67	0.54	4.55	7.46	0.05	0.07	3.11	3.19	0.07	0.80	0.87	—	5,607	5,607	0.11	0.62	0.50	5,795
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.03	0.02	0.74	0.17	0.01	0.01	0.21	0.22	0.01	0.06	0.07	—	623	623	0.01	0.09	0.80	652
General Office Building	0.09	0.08	0.10	1.25	< 0.005	< 0.005	0.36	0.36	< 0.005	0.09	0.09	—	309	309	0.01	0.01	0.58	312
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.12	0.10	0.84	1.41	0.01	0.01	0.57	0.58	0.01	0.15	0.16	—	932	932	0.02	0.10	1.38	964

4.2. Energy

4.2.1. Electricity Emissions By Land Use - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	339	339	0.03	< 0.005	—	341
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	158	158	0.01	< 0.005	—	159
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	71.5	71.5	0.01	< 0.005	—	71.9
Total	—	—	—	—	—	—	—	—	—	—	—	—	569	569	0.05	0.01	—	572
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	339	339	0.03	< 0.005	—	341
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	158	158	0.01	< 0.005	—	159
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	71.5	71.5	0.01	< 0.005	—	71.9
Total	—	—	—	—	—	—	—	—	—	—	—	—	569	569	0.05	0.01	—	572

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	56.2	56.2	0.01	< 0.005	—	56.5
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	26.2	26.2	< 0.005	< 0.005	—	26.4
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	11.8	11.8	< 0.005	< 0.005	—	11.9
Total	—	—	—	—	—	—	—	—	—	—	—	—	94.2	94.2	0.01	< 0.005	—	94.8

4.2.2. Electricity Emissions By Land Use - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005
Total	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Unrefrige Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005
Total	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrige rated Warehou se-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005
Total	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005

4.2.3. Natural Gas Emissions By Land Use - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrige rated Warehou se-No Rail	0.04	0.02	0.40	0.33	< 0.005	0.03	—	0.03	0.03	—	0.03	—	472	472	0.04	< 0.005	—	474

General Office Building	0.01	< 0.005	0.07	0.06	< 0.005	0.01	—	0.01	0.01	—	0.01	—	84.0	84.0	0.01	< 0.005	—	84.2
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.05	0.03	0.47	0.39	< 0.005	0.04	—	0.04	0.04	—	0.04	—	556	556	0.05	< 0.005	—	558
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.04	0.02	0.40	0.33	< 0.005	0.03	—	0.03	0.03	—	0.03	—	472	472	0.04	< 0.005	—	474
General Office Building	0.01	< 0.005	0.07	0.06	< 0.005	0.01	—	0.01	0.01	—	0.01	—	84.0	84.0	0.01	< 0.005	—	84.2
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.05	0.03	0.47	0.39	< 0.005	0.04	—	0.04	0.04	—	0.04	—	556	556	0.05	< 0.005	—	558
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.01	< 0.005	0.07	0.06	< 0.005	0.01	—	0.01	0.01	—	0.01	—	78.2	78.2	0.01	< 0.005	—	78.4
General Office Building	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	13.9	13.9	< 0.005	< 0.005	—	13.9
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.01	< 0.005	0.09	0.07	< 0.005	0.01	—	0.01	0.01	—	0.01	—	92.1	92.1	0.01	< 0.005	—	92.3

4.2.4. Natural Gas Emissions By Land Use - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.04	0.02	0.40	0.33	< 0.005	0.03	—	0.03	0.03	—	0.03	—	472	472	0.04	< 0.005	—	474
General Office Building	0.01	< 0.005	0.07	0.06	< 0.005	0.01	—	0.01	0.01	—	0.01	—	84.0	84.0	0.01	< 0.005	—	84.2
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.05	0.03	0.47	0.39	< 0.005	0.04	—	0.04	0.04	—	0.04	—	556	556	0.05	< 0.005	—	558
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.04	0.02	0.40	0.33	< 0.005	0.03	—	0.03	0.03	—	0.03	—	472	472	0.04	< 0.005	—	474
General Office Building	0.01	< 0.005	0.07	0.06	< 0.005	0.01	—	0.01	0.01	—	0.01	—	84.0	84.0	0.01	< 0.005	—	84.2
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.05	0.03	0.47	0.39	< 0.005	0.04	—	0.04	0.04	—	0.04	—	556	556	0.05	< 0.005	—	558
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Unrefrigerated Warehouse-No Rail	0.01	< 0.005	0.07	0.06	< 0.005	0.01	—	0.01	0.01	—	0.01	—	78.2	78.2	0.01	< 0.005	—	78.4
General Office Building	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	13.9	13.9	< 0.005	< 0.005	—	13.9
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.01	< 0.005	0.09	0.07	< 0.005	0.01	—	0.01	0.01	—	0.01	—	92.1	92.1	0.01	< 0.005	—	92.3

4.3. Area Emissions by Source

4.3.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Source	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	—	1.86	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	0.12	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.67	0.62	0.03	3.77	< 0.005	0.01	—	0.01	0.01	—	0.01	—	15.5	15.5	< 0.005	< 0.005	—	15.6
Total	0.67	2.60	0.03	3.77	< 0.005	0.01	—	0.01	0.01	—	0.01	—	15.5	15.5	< 0.005	< 0.005	—	15.6
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Consum Products	—	1.86	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architect ural Coatings	—	0.12	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	1.98	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consum er Products	—	0.34	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architect ural Coatings	—	0.02	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landsca pe Equipme nt	0.08	0.08	< 0.005	0.47	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	1.76	1.76	< 0.005	< 0.005	—	1.76
Total	0.08	0.44	< 0.005	0.47	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	1.76	1.76	< 0.005	< 0.005	—	1.76

4.3.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Source	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consum er Products	—	1.86	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architect ural Coatings	—	0.12	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Landscape Equipment	0.67	0.62	0.03	3.77	< 0.005	0.01	—	0.01	0.01	—	0.01	—	15.5	15.5	< 0.005	< 0.005	—	15.6
Total	0.67	2.60	0.03	3.77	< 0.005	0.01	—	0.01	0.01	—	0.01	—	15.5	15.5	< 0.005	< 0.005	—	15.6
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	—	1.86	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	0.12	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	1.98	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	—	0.34	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	0.02	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.08	0.08	< 0.005	0.47	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	1.76	1.76	< 0.005	< 0.005	—	1.76
Total	0.08	0.44	< 0.005	0.47	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	1.76	1.76	< 0.005	< 0.005	—	1.76

4.4. Water Emissions by Land Use

4.4.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	34.2	119	153	3.52	0.08	—	266
General Office Building	—	—	—	—	—	—	—	—	—	—	—	3.24	11.0	14.2	0.33	0.01	—	24.9
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	37.4	130	167	3.85	0.09	—	291
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	34.2	119	153	3.52	0.08	—	266
General Office Building	—	—	—	—	—	—	—	—	—	—	—	3.24	11.0	14.2	0.33	0.01	—	24.9
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	37.4	130	167	3.85	0.09	—	291
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	5.66	19.7	25.3	0.58	0.01	—	44.1

General Office Building	—	—	—	—	—	—	—	—	—	—	—	0.54	1.82	2.35	0.06	< 0.005	—	4.13
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	6.20	21.5	27.7	0.64	0.02	—	48.2

4.4.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	34.2	119	153	3.52	0.08	—	266
General Office Building	—	—	—	—	—	—	—	—	—	—	—	3.24	11.0	14.2	0.33	0.01	—	24.9
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	37.4	130	167	3.85	0.09	—	291
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	34.2	119	153	3.52	0.08	—	266

General Office Building	—	—	—	—	—	—	—	—	—	—	—	3.24	11.0	14.2	0.33	0.01	—	24.9
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	37.4	130	167	3.85	0.09	—	291
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	5.66	19.7	25.3	0.58	0.01	—	44.1
General Office Building	—	—	—	—	—	—	—	—	—	—	—	0.54	1.82	2.35	0.06	< 0.005	—	4.13
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	6.20	21.5	27.7	0.64	0.02	—	48.2

4.5. Waste Emissions by Land Use

4.5.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	39.1	0.00	39.1	3.91	0.00	—	137

General Office Building	—	—	—	—	—	—	—	—	—	—	—	4.76	0.00	4.76	0.48	0.00	—	16.7
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	43.9	0.00	43.9	4.38	0.00	—	153
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	39.1	0.00	39.1	3.91	0.00	—	137
General Office Building	—	—	—	—	—	—	—	—	—	—	—	4.76	0.00	4.76	0.48	0.00	—	16.7
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	43.9	0.00	43.9	4.38	0.00	—	153
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	6.47	0.00	6.47	0.65	0.00	—	22.6
General Office Building	—	—	—	—	—	—	—	—	—	—	—	0.79	0.00	0.79	0.08	0.00	—	2.76
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	7.26	0.00	7.26	0.73	0.00	—	25.4

4.5.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	9.77	0.00	9.77	0.98	0.00	—	34.2
General Office Building	—	—	—	—	—	—	—	—	—	—	—	1.19	0.00	1.19	0.12	0.00	—	4.16
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	11.0	0.00	11.0	1.10	0.00	—	38.4
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	9.77	0.00	9.77	0.98	0.00	—	34.2
General Office Building	—	—	—	—	—	—	—	—	—	—	—	1.19	0.00	1.19	0.12	0.00	—	4.16
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	11.0	0.00	11.0	1.10	0.00	—	38.4
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	1.62	0.00	1.62	0.16	0.00	—	5.66
General Office Building	—	—	—	—	—	—	—	—	—	—	—	0.20	0.00	0.20	0.02	0.00	—	0.69
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	1.82	0.00	1.82	0.18	0.00	—	6.35

4.6. Refrigerant Emissions by Land Use

4.6.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.02	0.02
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.02	0.02
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.02	0.02
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.02	0.02
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005

4.6.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.02	0.02
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.02	0.02
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.02	0.02
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.02	0.02
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005

4.7. Offroad Emissions By Equipment Type

4.7.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.7.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.8. Stationary Emissions By Equipment Type

4.8.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.8.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.9. User Defined Emissions By Equipment Type

4.9.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.9.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Vegetation	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.2. Above and Belowground Carbon Accumulation by Land Use Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Species	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Remove	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.4. Soil Carbon Accumulation By Vegetation Type - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Vegetation	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.5. Above and Belowground Carbon Accumulation by Land Use Type - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.6. Avoided and Sequestered Emissions by Species - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Species	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

5. Activity Data

5.1. Construction Schedule

Phase Name	Phase Type	Start Date	End Date	Days Per Week	Work Days per Phase	Phase Description
Site Preparation	Site Preparation	5/1/2024	6/11/2024	5.00	30.0	—
Grading	Grading	6/12/2024	7/23/2024	5.00	30.0	—

Building Construction	Building Construction	7/24/2024	12/3/2024	5.00	95.0	—
Paving	Paving	12/4/2024	12/24/2024	5.00	15.0	—
Architectural Coating	Architectural Coating	12/25/2024	2/4/2025	5.00	30.0	—

5.2. Off-Road Equipment

5.2.1. Unmitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Site Preparation	Rubber Tired Dozers	Diesel	Average	3.00	8.00	367	0.40
Site Preparation	Tractors/Loaders/Backhoes	Diesel	Average	4.00	8.00	84.0	0.37
Grading	Graders	Diesel	Average	1.00	8.00	148	0.41
Grading	Excavators	Diesel	Average	1.00	8.00	36.0	0.38
Grading	Tractors/Loaders/Backhoes	Diesel	Average	3.00	8.00	84.0	0.37
Grading	Rubber Tired Dozers	Diesel	Average	1.00	8.00	367	0.40
Building Construction	Cranes	Diesel	Average	1.00	7.00	367	0.29
Building Construction	Forklifts	Diesel	Average	3.00	8.00	82.0	0.20
Building Construction	Generator Sets	Diesel	Average	1.00	8.00	14.0	0.74
Building Construction	Welders	Diesel	Average	1.00	8.00	46.0	0.45
Building Construction	Tractors/Loaders/Backhoes	Diesel	Average	3.00	7.00	84.0	0.37
Paving	Tractors/Loaders/Backhoes	Diesel	Average	1.00	8.00	84.0	0.37
Paving	Cement and Mortar Mixers	Diesel	Average	2.00	6.00	10.0	0.56
Paving	Pavers	Diesel	Average	1.00	8.00	81.0	0.42
Paving	Paving Equipment	Diesel	Average	2.00	6.00	89.0	0.36
Paving	Rollers	Diesel	Average	2.00	6.00	36.0	0.38

Architectural Coating	Air Compressors	Diesel	Average	1.00	6.00	37.0	0.48

5.2.2. Mitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Site Preparation	Rubber Tired Dozers	Diesel	Tier 4 Final	3.00	8.00	367	0.40
Site Preparation	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	4.00	8.00	84.0	0.37
Grading	Graders	Diesel	Tier 4 Final	1.00	8.00	148	0.41
Grading	Excavators	Diesel	Tier 4 Final	1.00	8.00	36.0	0.38
Grading	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	3.00	8.00	84.0	0.37
Grading	Rubber Tired Dozers	Diesel	Tier 4 Final	1.00	8.00	367	0.40
Building Construction	Cranes	Diesel	Tier 4 Final	1.00	7.00	367	0.29
Building Construction	Forklifts	Diesel	Tier 4 Final	3.00	8.00	82.0	0.20
Building Construction	Generator Sets	Diesel	Average	1.00	8.00	14.0	0.74
Building Construction	Welders	Diesel	Tier 4 Final	1.00	8.00	46.0	0.45
Building Construction	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	3.00	7.00	84.0	0.37
Paving	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	1.00	8.00	84.0	0.37
Paving	Cement and Mortar Mixers	Diesel	Average	2.00	6.00	10.0	0.56
Paving	Pavers	Diesel	Tier 4 Final	1.00	8.00	81.0	0.42
Paving	Paving Equipment	Diesel	Tier 4 Final	2.00	6.00	89.0	0.36
Paving	Rollers	Diesel	Average	2.00	6.00	36.0	0.38
Architectural Coating	Air Compressors	Diesel	Average	1.00	6.00	37.0	0.48

5.3. Construction Vehicles

5.3.1. Unmitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Site Preparation	—	—	—	—
Site Preparation	Worker	17.5	18.5	LDA,LDT1,LDT2
Site Preparation	Vendor	—	10.2	HHDT,MHDT
Site Preparation	Hauling	0.00	20.0	HHDT
Site Preparation	Onsite truck	—	—	HHDT
Grading	—	—	—	—
Grading	Worker	15.0	18.5	LDA,LDT1,LDT2
Grading	Vendor	—	10.2	HHDT,MHDT
Grading	Hauling	0.00	20.0	HHDT
Grading	Onsite truck	—	—	HHDT
Building Construction	—	—	—	—
Building Construction	Worker	35.5	18.5	LDA,LDT1,LDT2
Building Construction	Vendor	14.2	10.2	HHDT,MHDT
Building Construction	Hauling	0.00	20.0	HHDT
Building Construction	Onsite truck	—	—	HHDT
Paving	—	—	—	—
Paving	Worker	20.0	18.5	LDA,LDT1,LDT2
Paving	Vendor	—	10.2	HHDT,MHDT
Paving	Hauling	0.00	20.0	HHDT
Paving	Onsite truck	—	—	HHDT
Architectural Coating	—	—	—	—
Architectural Coating	Worker	7.09	18.5	LDA,LDT1,LDT2
Architectural Coating	Vendor	—	10.2	HHDT,MHDT
Architectural Coating	Hauling	0.00	20.0	HHDT
Architectural Coating	Onsite truck	—	—	HHDT

5.3.2. Mitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Site Preparation	—	—	—	—
Site Preparation	Worker	17.5	18.5	LDA,LDT1,LDT2
Site Preparation	Vendor	—	10.2	HHDT,MHDT
Site Preparation	Hauling	0.00	20.0	HHDT
Site Preparation	Onsite truck	—	—	HHDT
Grading	—	—	—	—
Grading	Worker	15.0	18.5	LDA,LDT1,LDT2
Grading	Vendor	—	10.2	HHDT,MHDT
Grading	Hauling	0.00	20.0	HHDT
Grading	Onsite truck	—	—	HHDT
Building Construction	—	—	—	—
Building Construction	Worker	35.5	18.5	LDA,LDT1,LDT2
Building Construction	Vendor	14.2	10.2	HHDT,MHDT
Building Construction	Hauling	0.00	20.0	HHDT
Building Construction	Onsite truck	—	—	HHDT
Paving	—	—	—	—
Paving	Worker	20.0	18.5	LDA,LDT1,LDT2
Paving	Vendor	—	10.2	HHDT,MHDT
Paving	Hauling	0.00	20.0	HHDT
Paving	Onsite truck	—	—	HHDT
Architectural Coating	—	—	—	—
Architectural Coating	Worker	7.09	18.5	LDA,LDT1,LDT2
Architectural Coating	Vendor	—	10.2	HHDT,MHDT
Architectural Coating	Hauling	0.00	20.0	HHDT
Architectural Coating	Onsite truck	—	—	HHDT

5.4. Vehicles

5.4.1. Construction Vehicle Control Strategies

Control Strategies Applied	PM10 Reduction	PM2.5 Reduction
Water unpaved roads twice daily	55%	55%
Limit vehicle speeds on unpaved roads to 25 mph	44%	44%

5.5. Architectural Coatings

Phase Name	Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
Architectural Coating	0.00	0.00	130,014	43,338	5,125

5.6. Dust Mitigation

5.6.1. Construction Earthmoving Activities

Phase Name	Material Imported (Cubic Yards)	Material Exported (Cubic Yards)	Acres Graded (acres)	Material Demolished (sq. ft.)	Acres Paved (acres)
Site Preparation	0.00	0.00	45.0	0.00	—
Grading	0.00	0.00	30.0	0.00	—
Paving	0.00	0.00	0.00	0.00	1.96

5.6.2. Construction Earthmoving Control Strategies

Control Strategies Applied	Frequency (per day)	PM10 Reduction	PM2.5 Reduction
Water Exposed Area	3	74%	74%

5.7. Construction Paving

Land Use	Area Paved (acres)	% Asphalt

Unrefrigerated Warehouse-No Rail	0.00	0%
General Office Building	0.00	0%
Parking Lot	1.96	100%

5.8. Construction Electricity Consumption and Emissions Factors

kWh per Year and Emission Factor (lb/MWh)

Year	kWh per Year	CO2	CH4	N2O
2024	0.00	349	0.03	< 0.005
2025	0.00	349	0.03	< 0.005

5.9. Operational Mobile Sources

5.9.1. Unmitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year
Unrefrigerated Warehouse-No Rail	40.0	40.0	40.0	14,600	1,328	1,328	1,328	484,724
General Office Building	108	108	108	39,420	2,793	2,793	2,793	1,019,495
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

5.9.2. Mitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year
Unrefrigerated Warehouse-No Rail	40.0	40.0	40.0	14,600	1,328	1,328	1,328	484,724
General Office Building	108	108	108	39,420	2,793	2,793	2,793	1,019,495
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

5.10. Operational Area Sources

5.10.1. Hearths

5.10.1.1. Unmitigated

5.10.1.2. Mitigated

5.10.2. Architectural Coatings

Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
0	0.00	130,014	43,338	5,125

5.10.3. Landscape Equipment

Season	Unit	Value
Snow Days	day/yr	0.00
Summer Days	day/yr	250

5.10.4. Landscape Equipment - Mitigated

Season	Unit	Value
Snow Days	day/yr	0.00
Summer Days	day/yr	250

5.11. Operational Energy Consumption

5.11.1. Unmitigated

Electricity (kWh/yr) and CO2 and CH4 and N2O and Natural Gas (kBTU/yr)

Land Use	Electricity (kWh/yr)	CO2	CH4	N2O	Natural Gas (kBTU/yr)

Unrefrigerated Warehouse-No Rail	355,191	349	0.0330	0.0040	1,473,458
General Office Building	165,710	349	0.0330	0.0040	262,073
Parking Lot	74,820	349	0.0330	0.0040	0.00

5.11.2. Mitigated

Electricity (kWh/yr) and CO2 and CH4 and N2O and Natural Gas (kBTU/yr)

Land Use	Electricity (kWh/yr)	CO2	CH4	N2O	Natural Gas (kBTU/yr)
Unrefrigerated Warehouse-No Rail	< 0.005	349	0.0330	0.0040	1,473,458
General Office Building	0.00	349	0.0330	0.0040	262,073
Parking Lot	< 0.005	349	0.0330	0.0040	0.00

5.12. Operational Water and Wastewater Consumption

5.12.1. Unmitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
Unrefrigerated Warehouse-No Rail	17,846,950	531,420
General Office Building	1,688,471	0.00
Parking Lot	0.00	0.00

5.12.2. Mitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
Unrefrigerated Warehouse-No Rail	17,846,950	531,420
General Office Building	1,688,471	0.00
Parking Lot	0.00	0.00

5.13. Operational Waste Generation

5.13.1. Unmitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
Unrefrigerated Warehouse-No Rail	72.5	—
General Office Building	8.84	—
Parking Lot	0.00	—

5.13.2. Mitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
Unrefrigerated Warehouse-No Rail	18.1	—
General Office Building	2.21	—
Parking Lot	0.00	—

5.14. Operational Refrigeration and Air Conditioning Equipment

5.14.1. Unmitigated

Land Use Type	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced
General Office Building	Household refrigerators and/or freezers	R-134a	1,430	0.02	0.60	0.00	1.00
General Office Building	Other commercial A/C and heat pumps	R-410A	2,088	< 0.005	4.00	4.00	18.0

5.14.2. Mitigated

Land Use Type	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced
General Office Building	Household refrigerators and/or freezers	R-134a	1,430	0.02	0.60	0.00	1.00

General Office Building	Other commercial A/C and heat pumps	R-410A	2,088	< 0.005	4.00	4.00	18.0

5.15. Operational Off-Road Equipment

5.15.1. Unmitigated

Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor

5.15.2. Mitigated

Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor

5.16. Stationary Sources

5.16.1. Emergency Generators and Fire Pumps

Equipment Type	Fuel Type	Number per Day	Hours per Day	Hours per Year	Horsepower	Load Factor

5.16.2. Process Boilers

Equipment Type	Fuel Type	Number	Boiler Rating (MMBtu/hr)	Daily Heat Input (MMBtu/day)	Annual Heat Input (MMBtu/yr)

5.17. User Defined

Equipment Type	Fuel Type

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1.2. Mitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.1.2. Mitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.2. Sequestration

5.18.2.1. Unmitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)

5.18.2.2. Mitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

Cal-Adapt midcentury 2040–2059 average projections for four hazards are reported below for your project location. These are under Representation Concentration Pathway (RCP) 8.5 which assumes GHG emissions will continue to rise strongly through 2050 and then plateau around 2100.

Climate Hazard	Result for Project Location	Unit
Temperature and Extreme Heat	27.9	annual days of extreme heat
Extreme Precipitation	2.60	annual days with precipitation above 20 mm
Sea Level Rise	0.00	meters of inundation depth
Wildfire	7.84	annual hectares burned

Temperature and Extreme Heat data are for grid cell in which your project are located. The projection is based on the 98th historical percentile of daily maximum/minimum temperatures from observed historical data (32 climate model ensemble from Cal-Adapt, 2040–2059 average under RCP 8.5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Extreme Precipitation data are for the grid cell in which your project are located. The threshold of 20 mm is equivalent to about ¾ an inch of rain, which would be light to moderate rainfall if received over a full day or heavy rain if received over a period of 2 to 4 hours. Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Sea Level Rise data are for the grid cell in which your project are located. The projections are from Radke et al. (2017), as reported in Cal-Adapt (2040–2059 average under RCP 8.5), and consider different increments of sea level rise coupled with extreme storm events. Users may select from four model simulations to view the range in potential inundation depth for the grid cell. The four simulations make different assumptions about expected rainfall and temperature are: Warmer/drier (HadGEM2-ES), Cooler/wetter (CNRM-CM5), Average conditions (CanESM2), Range of different rainfall and temperature possibilities (MIROC5). Each grid cell is 50 meters (m) by 50 m, or about 164 feet (ft) by 164 ft.
Wildfire data are for the grid cell in which your project are located. The projections are from UC Davis, as reported in Cal-Adapt (2040–2059 average under RCP 8.5), and consider historical data of climate, vegetation, population density, and large (> 400 ha) fire history. Users may select from four model simulations to view the range in potential wildfire probabilities for the grid cell. The four simulations make different assumptions about expected rainfall and temperature are: Warmer/drier (HadGEM2-ES), Cooler/wetter (CNRM-CM5), Average conditions (CanESM2), Range of different rainfall and temperature possibilities (MIROC5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

6.2. Initial Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	3	0	0	N/A
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	1	0	0	N/A
Wildfire	1	0	0	N/A
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	0	0	0	N/A

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.

The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores do not include implementation of climate risk reduction measures.

6.3. Adjusted Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	3	1	1	3
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	1	1	1	2
Wildfire	1	1	1	2
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	1	1	1	2

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores include implementation of climate risk reduction measures.

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Exposure Indicators	—
AQ-Ozone	91.1
AQ-PM	51.4
AQ-DPM	21.5
Drinking Water	67.4

Lead Risk Housing	21.2
Pesticides	70.2
Toxic Releases	24.2
Traffic	74.1
Effect Indicators	—
CleanUp Sites	0.00
Groundwater	0.00
Haz Waste Facilities/Generators	50.1
Impaired Water Bodies	12.5
Solid Waste	22.1
Sensitive Population	—
Asthma	48.8
Cardio-vascular	78.2
Low Birth Weights	53.5
Socioeconomic Factor Indicators	—
Education	79.3
Housing	24.9
Linguistic	16.4
Poverty	46.8
Unemployment	73.4

7.2. Healthy Places Index Scores

The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Economic	—
Above Poverty	60.29770307
Employed	40.65186706

Median HI	53.71487232
Education	—
Bachelor's or higher	37.28987553
High school enrollment	21.68612858
Preschool enrollment	56.08879764
Transportation	—
Auto Access	87.47593995
Active commuting	24.03438984
Social	—
2-parent households	65.68715514
Voting	37.14872321
Neighborhood	—
Alcohol availability	82.31746439
Park access	26.70345182
Retail density	10.84306429
Supermarket access	22.85384319
Tree canopy	2.014628513
Housing	—
Homeownership	88.6179905
Housing habitability	84.80687797
Low-inc homeowner severe housing cost burden	74.63107917
Low-inc renter severe housing cost burden	62.78711664
Uncrowded housing	64.30129603
Health Outcomes	—
Insured adults	49.23649429
Arthritis	1.9
Asthma ER Admissions	51.4

High Blood Pressure	4.3
Cancer (excluding skin)	3.1
Asthma	46.1
Coronary Heart Disease	2.1
Chronic Obstructive Pulmonary Disease	9.6
Diagnosed Diabetes	20.7
Life Expectancy at Birth	41.6
Cognitively Disabled	70.6
Physically Disabled	50.9
Heart Attack ER Admissions	20.0
Mental Health Not Good	57.3
Chronic Kidney Disease	3.6
Obesity	36.5
Pedestrian Injuries	19.6
Physical Health Not Good	33.7
Stroke	7.6
Health Risk Behaviors	—
Binge Drinking	80.1
Current Smoker	59.6
No Leisure Time for Physical Activity	36.0
Climate Change Exposures	—
Wildfire Risk	7.4
SLR Inundation Area	0.0
Children	31.0
Elderly	48.0
English Speaking	75.4
Foreign-born	34.0

Outdoor Workers	12.6
Climate Change Adaptive Capacity	—
Impervious Surface Cover	83.3
Traffic Density	34.3
Traffic Access	23.0
Other Indices	—
Hardship	58.4
Other Decision Support	—
2016 Voting	52.4

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	55.0
Healthy Places Index Score for Project Location (b)	50.0
Project Located in a Designated Disadvantaged Community (Senate Bill 535)	No
Project Located in a Low-Income Community (Assembly Bill 1550)	No
Project Located in a Community Air Protection Program Community (Assembly Bill 617)	No

a: The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.
b: The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

7.4. Health & Equity Measures

No Health & Equity Measures selected.

7.5. Evaluation Scorecard

Health & Equity Evaluation Scorecard not completed.

7.6. Health & Equity Custom Measures

No Health & Equity Custom Measures created.

8. User Changes to Default Data

Screen	Justification
Construction: Construction Phases	Per construction dates
Construction: Architectural Coatings	SCAQMD Rule 1113
Operations: Vehicle Data	Trip rates per traffic study Truck trips under warehouse land use Passenger car trips under general office land use Trip length for trucks has been modified Trip percentage for truck and passenger cars has been modified
Operations: Fleet Mix	Truck fleet mix under the warehouse land use Passenger car fleet mix under the general office building land use
Operations: Architectural Coatings	SCAQMD Rule 1113

Menifee Compass Northern Gateway Warehouses - Site 3 (Evans Road) Detailed Report

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8. User Changes to Default Data

1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	Menifee Compass Northern Gateway Warehouses - Site 3 (Evans Road)
Construction Start Date	5/1/2024
Operational Year	2025
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	2.50
Precipitation (days)	0.20
Location	33.74214572631752, -117.19700389555825
County	Riverside-South Coast
City	Menifee
Air District	South Coast AQMD
Air Basin	South Coast
TAZ	5512
EDFZ	11
Electric Utility	Southern California Edison
Gas Utility	Southern California Gas
App Version	2022.1.1.19

1.2. Land Use Types

Land Use Subtype	Size	Unit	Lot Acreage	Building Area (sq ft)	Landscape Area (sq ft)	Special Landscape Area (sq ft)	Population	Description

Unrefrigerated Warehouse-No Rail	98.9	1000sqft	2.27	98,922	47,126	—	—	—
Refrigerated Warehouse-No Rail	33.0	1000sqft	0.76	32,974	0.00	—	—	—
General Office Building	6.00	1000sqft	0.14	6,000	0.00	—	—	—
Parking Lot	143	1000sqft	3.27	0.00	0.00	—	—	—

1.3. User-Selected Emission Reduction Measures by Emissions Sector

Sector	#	Measure Title
Construction	C-2*	Limit Heavy-Duty Diesel Vehicle Idling
Construction	C-5	Use Advanced Engine Tiers
Construction	C-13	Use Low-VOC Paints for Construction
Transportation	T-11*	Provide Employer-Sponsored Vanpool
Transportation	T-14*	Provide Electric Vehicle Charging Infrastructure
Transportation	T-34*	Provide Bike Parking
Transportation	T-53*	Electrify Loading Docks
Energy	E-10-B	Establish Onsite Renewable Energy Systems: Solar Power
Waste	S-1/S-2	Implement Waste Reduction Plan

* Qualitative or supporting measure. Emission reductions not included in the mitigated emissions results.

2. Emissions Summary

2.1. Construction Emissions Compared Against Thresholds

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Un/Mit.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Unmit.	4.44	3.74	36.0	34.4	0.05	1.60	5.34	6.94	1.47	2.68	4.15	—	5,548	5,548	0.23	0.15	5.25	5,570
Mit.	0.70	0.64	3.90	29.8	0.05	0.10	5.34	5.44	0.10	2.68	2.78	—	5,548	5,548	0.23	0.15	5.25	5,570
% Reduced	84%	83%	89%	13%	—	94%	—	22%	93%	—	33%	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	1.77	22.8	12.4	17.0	0.03	0.51	0.94	1.45	0.47	0.23	0.70	—	3,858	3,858	0.15	0.15	0.14	3,908
Mit.	0.69	4.59	3.99	18.7	0.03	0.09	0.94	1.03	0.08	0.23	0.31	—	3,858	3,858	0.15	0.15	0.14	3,908
% Reduced	61%	80%	68%	-10%	—	83%	—	29%	82%	—	55%	—	—	—	—	—	—	—
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	1.07	1.56	8.03	9.38	0.01	0.35	0.86	1.21	0.32	0.36	0.68	—	1,795	1,795	0.07	0.05	0.67	1,812
Mit.	0.27	0.34	1.53	9.38	0.01	0.04	0.86	0.90	0.04	0.36	0.40	—	1,795	1,795	0.07	0.05	0.67	1,812
% Reduced	75%	79%	81%	> -0.5%	—	89%	—	26%	89%	—	42%	—	—	—	—	—	—	—
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.19	0.29	1.47	1.71	< 0.005	0.06	0.16	0.22	0.06	0.07	0.12	—	297	297	0.01	0.01	0.11	300
Mit.	0.05	0.06	0.28	1.71	< 0.005	0.01	0.16	0.16	0.01	0.07	0.07	—	297	297	0.01	0.01	0.11	300
% Reduced	75%	79%	81%	> -0.5%	—	89%	—	26%	89%	—	42%	—	—	—	—	—	—	—
Exceeds (Daily Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Threshold	—	75.0	100	550	150	—	—	150	—	—	55.0	—	—	—	—	—	—	—
Unmit.	—	No	No	No	No	—	—	No	—	—	No	—	—	—	—	—	—	—
Mit.	—	No	No	No	No	—	—	No	—	—	No	—	—	—	—	—	—	—

Exceeds (Average Daily)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Threshold	—	75.0	100	550	150	—	—	150	—	—	55.0	—	—	—	—	—	—	—
Unmit.	—	No	No	No	No	—	—	No	—	—	No	—	—	—	—	—	—	—
Mit.	—	No	No	No	No	—	—	No	—	—	No	—	—	—	—	—	—	—

2.2. Construction Emissions by Year, Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Year	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2024	4.44	3.74	36.0	34.4	0.05	1.60	5.34	6.94	1.47	2.68	4.15	—	5,548	5,548	0.23	0.15	5.25	5,570
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2024	1.77	22.8	12.4	17.0	0.03	0.51	0.94	1.45	0.47	0.23	0.70	—	3,858	3,858	0.15	0.15	0.14	3,908
2025	0.21	22.8	0.94	1.81	< 0.005	0.03	0.15	0.18	0.03	0.04	0.06	—	282	282	0.01	0.01	0.02	284
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2024	1.07	1.23	8.03	9.38	0.01	0.35	0.86	1.21	0.32	0.36	0.68	—	1,795	1,795	0.07	0.05	0.67	1,812
2025	0.01	1.56	0.06	0.13	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	19.4	19.4	< 0.005	< 0.005	0.02	19.6
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2024	0.19	0.22	1.47	1.71	< 0.005	0.06	0.16	0.22	0.06	0.07	0.12	—	297	297	0.01	0.01	0.11	300
2025	< 0.005	0.29	0.01	0.02	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	3.22	3.22	< 0.005	< 0.005	< 0.005	3.25

2.3. Construction Emissions by Year, Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Year	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2024	0.70	0.64	3.90	29.8	0.05	0.10	5.34	5.44	0.10	2.68	2.78	—	5,548	5,548	0.23	0.15	5.25	5,570
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2024	0.69	4.59	3.99	18.7	0.03	0.09	0.94	1.03	0.08	0.23	0.31	—	3,858	3,858	0.15	0.15	0.14	3,908
2025	0.21	4.57	0.94	1.81	< 0.005	0.03	0.15	0.18	0.03	0.04	0.06	—	282	282	0.01	0.01	0.02	284
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2024	0.27	0.34	1.53	9.38	0.01	0.04	0.86	0.90	0.04	0.36	0.40	—	1,795	1,795	0.07	0.05	0.67	1,812
2025	0.01	0.31	0.06	0.13	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	19.4	19.4	< 0.005	< 0.005	0.02	19.6
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2024	0.05	0.06	0.28	1.71	< 0.005	0.01	0.16	0.16	0.01	0.07	0.07	—	297	297	0.01	0.01	0.11	300
2025	< 0.005	0.06	0.01	0.02	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	3.22	3.22	< 0.005	< 0.005	< 0.005	3.25

2.4. Operations Emissions Compared Against Thresholds

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Un/Mit.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	2.05	4.92	6.10	16.0	0.07	0.16	3.28	3.44	0.15	0.85	1.00	130	9,073	9,203	13.5	0.92	900	10,716
Mit.	2.05	4.92	6.10	16.0	0.07	0.16	3.28	3.44	0.15	0.85	1.00	77.9	7,730	7,808	8.18	0.91	900	9,182
% Reduced	—	—	—	—	—	—	—	—	—	—	—	40%	15%	15%	40%	2%	—	14%
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Unmit.	0.95	3.91	6.30	8.46	0.07	0.15	3.28	3.43	0.14	0.85	1.00	130	8,905	9,035	13.5	0.92	879	10,528
Mit.	0.95	3.91	6.30	8.46	0.07	0.15	3.28	3.43	0.14	0.85	1.00	77.9	7,562	7,640	8.18	0.91	879	8,994
% Reduced	—	—	—	—	—	—	—	—	—	—	—	40%	15%	15%	40%	2%	—	15%
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	1.67	4.58	6.40	12.8	0.07	0.16	3.28	3.44	0.15	0.85	1.00	130	8,942	9,072	13.5	0.92	888	10,575
Mit.	1.67	4.58	6.40	12.8	0.07	0.16	3.28	3.44	0.15	0.85	1.00	77.9	7,599	7,677	8.18	0.91	888	9,041
% Reduced	—	—	—	—	—	—	—	—	—	—	—	40%	15%	15%	40%	2%	—	15%
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.31	0.84	1.17	2.34	0.01	0.03	0.60	0.63	0.03	0.16	0.18	21.6	1,480	1,502	2.24	0.15	147	1,751
Mit.	0.31	0.84	1.17	2.34	0.01	0.03	0.60	0.63	0.03	0.16	0.18	12.9	1,258	1,271	1.35	0.15	147	1,497
% Reduced	—	—	—	—	—	—	—	—	—	—	—	40%	15%	15%	40%	2%	—	15%
Exceeds (Daily Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Threshold	—	55.0	55.0	550	150	—	—	150	—	—	55.0	—	—	—	—	—	—	—
Unmit.	—	No	No	No	No	—	—	No	—	—	No	—	—	—	—	—	—	—
Mit.	—	No	No	No	No	—	—	No	—	—	No	—	—	—	—	—	—	—
Exceeds (Average Daily)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Threshold	—	55.0	55.0	550	150	—	—	150	—	—	55.0	—	—	—	—	—	—	—
Unmit.	—	No	No	No	No	—	—	No	—	—	No	—	—	—	—	—	—	—
Mit.	—	No	No	No	No	—	—	No	—	—	No	—	—	—	—	—	—	—

2.5. Operations Emissions by Sector, Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Sector	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.89	0.75	5.26	9.33	0.06	0.09	3.28	3.37	0.08	0.85	0.94	—	6,558	6,558	0.13	0.75	21.5	6,808
Area	1.07	4.13	0.05	6.00	< 0.005	0.01	—	0.01	0.01	—	0.01	—	24.7	24.7	< 0.005	< 0.005	—	24.8
Energy	0.09	0.04	0.79	0.66	< 0.005	0.06	—	0.06	0.06	—	0.06	—	2,281	2,281	0.21	0.02	—	2,291
Water	—	—	—	—	—	—	—	—	—	—	—	60.5	209	270	6.22	0.15	—	470
Waste	—	—	—	—	—	—	—	—	—	—	—	69.8	0.00	69.8	6.98	0.00	—	244
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	879	879
Total	2.05	4.92	6.10	16.0	0.07	0.16	3.28	3.44	0.15	0.85	1.00	130	9,073	9,203	13.5	0.92	900	10,716
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.86	0.71	5.52	7.80	0.06	0.09	3.28	3.37	0.08	0.85	0.94	—	6,415	6,415	0.13	0.76	0.56	6,644
Area	—	3.15	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Energy	0.09	0.04	0.79	0.66	< 0.005	0.06	—	0.06	0.06	—	0.06	—	2,281	2,281	0.21	0.02	—	2,291
Water	—	—	—	—	—	—	—	—	—	—	—	60.5	209	270	6.22	0.15	—	470
Waste	—	—	—	—	—	—	—	—	—	—	—	69.8	0.00	69.8	6.98	0.00	—	244
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	879	879
Total	0.95	3.91	6.30	8.46	0.07	0.15	3.28	3.43	0.14	0.85	1.00	130	8,905	9,035	13.5	0.92	879	10,528
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.86	0.71	5.58	8.07	0.06	0.09	3.28	3.37	0.08	0.85	0.94	—	6,435	6,435	0.13	0.76	9.29	6,674
Area	0.73	3.82	0.03	4.11	< 0.005	0.01	—	0.01	0.01	—	0.01	—	16.9	16.9	< 0.005	< 0.005	—	17.0
Energy	0.09	0.04	0.79	0.66	< 0.005	0.06	—	0.06	0.06	—	0.06	—	2,281	2,281	0.21	0.02	—	2,291
Water	—	—	—	—	—	—	—	—	—	—	—	60.5	209	270	6.22	0.15	—	470

Waste	—	—	—	—	—	—	—	—	—	—	—	69.8	0.00	69.8	6.98	0.00	—	244
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	879	879
Total	1.67	4.58	6.40	12.8	0.07	0.16	3.28	3.44	0.15	0.85	1.00	130	8,942	9,072	13.5	0.92	888	10,575
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.16	0.13	1.02	1.47	0.01	0.02	0.60	0.62	0.02	0.16	0.17	—	1,065	1,065	0.02	0.13	1.54	1,105
Area	0.13	0.70	0.01	0.75	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	2.80	2.80	< 0.005	< 0.005	—	2.81
Energy	0.02	0.01	0.14	0.12	< 0.005	0.01	—	0.01	0.01	—	0.01	—	378	378	0.03	< 0.005	—	379
Water	—	—	—	—	—	—	—	—	—	—	—	10.0	34.6	44.6	1.03	0.02	—	77.8
Waste	—	—	—	—	—	—	—	—	—	—	—	11.6	0.00	11.6	1.16	0.00	—	40.4
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	145	145
Total	0.31	0.84	1.17	2.34	0.01	0.03	0.60	0.63	0.03	0.16	0.18	21.6	1,480	1,502	2.24	0.15	147	1,751

2.6. Operations Emissions by Sector, Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Sector	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.89	0.75	5.26	9.33	0.06	0.09	3.28	3.37	0.08	0.85	0.94	—	6,558	6,558	0.13	0.75	21.5	6,808
Area	1.07	4.13	0.05	6.00	< 0.005	0.01	—	0.01	0.01	—	0.01	—	24.7	24.7	< 0.005	< 0.005	—	24.8
Energy	0.09	0.04	0.79	0.66	< 0.005	0.06	—	0.06	0.06	—	0.06	—	938	938	0.08	< 0.005	—	941
Water	—	—	—	—	—	—	—	—	—	—	—	60.5	209	270	6.22	0.15	—	470
Waste	—	—	—	—	—	—	—	—	—	—	—	17.5	0.00	17.5	1.74	0.00	—	61.1
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	879	879
Total	2.05	4.92	6.10	16.0	0.07	0.16	3.28	3.44	0.15	0.85	1.00	77.9	7,730	7,808	8.18	0.91	900	9,182
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.86	0.71	5.52	7.80	0.06	0.09	3.28	3.37	0.08	0.85	0.94	—	6,415	6,415	0.13	0.76	0.56	6,644

Area	—	3.15	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Energy	0.09	0.04	0.79	0.66	< 0.005	0.06	—	0.06	0.06	—	0.06	—	938	938	0.08	< 0.005	—	941
Water	—	—	—	—	—	—	—	—	—	—	—	60.5	209	270	6.22	0.15	—	470
Waste	—	—	—	—	—	—	—	—	—	—	—	17.5	0.00	17.5	1.74	0.00	—	61.1
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	879	879
Total	0.95	3.91	6.30	8.46	0.07	0.15	3.28	3.43	0.14	0.85	1.00	77.9	7,562	7,640	8.18	0.91	879	8,994
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.86	0.71	5.58	8.07	0.06	0.09	3.28	3.37	0.08	0.85	0.94	—	6,435	6,435	0.13	0.76	9.29	6,674
Area	0.73	3.82	0.03	4.11	< 0.005	0.01	—	0.01	0.01	—	0.01	—	16.9	16.9	< 0.005	< 0.005	—	17.0
Energy	0.09	0.04	0.79	0.66	< 0.005	0.06	—	0.06	0.06	—	0.06	—	938	938	0.08	< 0.005	—	941
Water	—	—	—	—	—	—	—	—	—	—	—	60.5	209	270	6.22	0.15	—	470
Waste	—	—	—	—	—	—	—	—	—	—	—	17.5	0.00	17.5	1.74	0.00	—	61.1
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	879	879
Total	1.67	4.58	6.40	12.8	0.07	0.16	3.28	3.44	0.15	0.85	1.00	77.9	7,599	7,677	8.18	0.91	888	9,041
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.16	0.13	1.02	1.47	0.01	0.02	0.60	0.62	0.02	0.16	0.17	—	1,065	1,065	0.02	0.13	1.54	1,105
Area	0.13	0.70	0.01	0.75	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	2.80	2.80	< 0.005	< 0.005	—	2.81
Energy	0.02	0.01	0.14	0.12	< 0.005	0.01	—	0.01	0.01	—	0.01	—	155	155	0.01	< 0.005	—	156
Water	—	—	—	—	—	—	—	—	—	—	—	10.0	34.6	44.6	1.03	0.02	—	77.8
Waste	—	—	—	—	—	—	—	—	—	—	—	2.89	0.00	2.89	0.29	0.00	—	10.1
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	145	145
Total	0.31	0.84	1.17	2.34	0.01	0.03	0.60	0.63	0.03	0.16	0.18	12.9	1,258	1,271	1.35	0.15	147	1,497

3. Construction Emissions Details

3.1. Site Preparation (2024) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	4.34	3.65	36.0	32.9	0.05	1.60	—	1.60	1.47	—	1.47	—	5,296	5,296	0.21	0.04	—	5,314
Dust From Material Movement	—	—	—	—	—	—	5.11	5.11	—	2.63	2.63	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.36	0.30	2.96	2.71	< 0.005	0.13	—	0.13	0.12	—	0.12	—	435	435	0.02	< 0.005	—	437
Dust From Material Movement	—	—	—	—	—	—	0.42	0.42	—	0.22	0.22	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.07	0.05	0.54	0.49	< 0.005	0.02	—	0.02	0.02	—	0.02	—	72.1	72.1	< 0.005	< 0.005	—	72.3
Dust From Material Movement	—	—	—	—	—	—	0.08	0.08	—	0.04	0.04	—	—	—	—	—	—	—

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.10	0.09	0.08	1.46	0.00	0.00	0.23	0.23	0.00	0.05	0.05	—	252	252	0.01	0.01	1.00	256
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.10	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	—	19.3	19.3	< 0.005	< 0.005	0.04	19.5
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.02	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	3.19	3.19	< 0.005	< 0.005	0.01	3.24
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.2. Site Preparation (2024) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.50	0.50	2.59	28.3	0.05	0.10	—	0.10	0.10	—	0.10	—	5,296	5,296	0.21	0.04	—	5,314
Dust From Material Movement	—	—	—	—	—	—	5.11	5.11	—	2.63	2.63	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.04	0.04	0.21	2.33	< 0.005	0.01	—	0.01	0.01	—	0.01	—	435	435	0.02	< 0.005	—	437
Dust From Material Movement	—	—	—	—	—	—	0.42	0.42	—	0.22	0.22	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.04	0.42	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	72.1	72.1	< 0.005	< 0.005	—	72.3
Dust From Material Movement	—	—	—	—	—	—	0.08	0.08	—	0.04	0.04	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.10	0.09	0.08	1.46	0.00	0.00	0.23	0.23	0.00	0.05	0.05	—	252	252	0.01	0.01	1.00	256

Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.10	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	—	19.3	19.3	< 0.005	< 0.005	0.04	19.5
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.02	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	3.19	3.19	< 0.005	< 0.005	0.01	3.24
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.3. Grading (2024) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.26	1.90	18.2	18.8	0.03	0.84	—	0.84	0.77	—	0.77	—	2,958	2,958	0.12	0.02	—	2,969
Dust From Material Movement	—	—	—	—	—	—	1.84	1.84	—	0.89	0.89	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.19	0.16	1.50	1.55	< 0.005	0.07	—	0.07	0.06	—	0.06	—	243	243	0.01	< 0.005	—	244
Dust From Material Movement	—	—	—	—	—	—	0.15	0.15	—	0.07	0.07	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.03	0.27	0.28	< 0.005	0.01	—	0.01	0.01	—	0.01	—	40.3	40.3	< 0.005	< 0.005	—	40.4
Dust From Material Movement	—	—	—	—	—	—	0.03	0.03	—	0.01	0.01	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.08	0.08	0.07	1.25	0.00	0.00	0.20	0.20	0.00	0.05	0.05	—	216	216	0.01	0.01	0.86	219
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	0.01	0.01	0.01	0.08	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	—	16.5	16.5	< 0.005	< 0.005	0.03	16.7
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	2.73	2.73	< 0.005	< 0.005	0.01	2.77
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.4. Grading (2024) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.29	0.29	2.04	17.8	0.03	0.06	—	0.06	0.06	—	0.06	—	2,958	2,958	0.12	0.02	—	2,969
Dust From Material Movement	—	—	—	—	—	—	1.84	1.84	—	0.89	0.89	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.17	1.46	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	243	243	0.01	< 0.005	—	244

Dust From Material Movement	—	—	—	—	—	—	0.15	0.15	—	0.07	0.07	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.03	0.27	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	40.3	40.3	< 0.005	< 0.005	—	40.4
Dust From Material Movement	—	—	—	—	—	—	0.03	0.03	—	0.01	0.01	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.08	0.08	0.07	1.25	0.00	0.00	0.20	0.20	0.00	0.05	0.05	—	216	216	0.01	0.01	0.86	219
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.08	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	—	16.5	16.5	< 0.005	< 0.005	0.03	16.7
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	2.73	2.73	< 0.005	< 0.005	0.01	2.77
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.5. Building Construction (2024) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.44	1.20	11.2	13.1	0.02	0.50	—	0.50	0.46	—	0.46	—	2,398	2,398	0.10	0.02	—	2,406
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.44	1.20	11.2	13.1	0.02	0.50	—	0.50	0.46	—	0.46	—	2,398	2,398	0.10	0.02	—	2,406
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.37	0.31	2.92	3.41	0.01	0.13	—	0.13	0.12	—	0.12	—	624	624	0.03	0.01	—	626
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.07	0.06	0.53	0.62	< 0.005	0.02	—	0.02	0.02	—	0.02	—	103	103	< 0.005	< 0.005	—	104
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.32	0.29	0.28	4.79	0.00	0.00	0.75	0.75	0.00	0.18	0.18	—	825	825	0.03	0.03	3.27	838
Vendor	0.03	0.02	0.80	0.25	0.01	0.01	0.19	0.20	0.01	0.05	0.06	—	702	702	0.02	0.11	1.98	735
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.31	0.28	0.33	3.62	0.00	0.00	0.75	0.75	0.00	0.18	0.18	—	758	758	0.04	0.03	0.08	768
Vendor	0.03	0.02	0.83	0.25	0.01	0.01	0.19	0.20	0.01	0.05	0.06	—	702	702	0.02	0.11	0.05	734
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.08	0.07	0.08	0.99	0.00	0.00	0.19	0.19	0.00	0.05	0.05	—	200	200	0.01	0.01	0.37	203
Vendor	0.01	0.01	0.22	0.07	< 0.005	< 0.005	0.05	0.05	< 0.005	0.01	0.02	—	183	183	< 0.005	0.03	0.22	191
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.02	0.18	0.00	0.00	0.04	0.04	0.00	0.01	0.01	—	33.1	33.1	< 0.005	< 0.005	0.06	33.6
Vendor	< 0.005	< 0.005	0.04	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	30.2	30.2	< 0.005	< 0.005	0.04	31.6
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.6. Building Construction (2024) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.35	0.33	2.83	14.8	0.02	0.08	—	0.08	0.07	—	0.07	—	2,398	2,398	0.10	0.02	—	2,406
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.35	0.33	2.83	14.8	0.02	0.08	—	0.08	0.07	—	0.07	—	2,398	2,398	0.10	0.02	—	2,406
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.09	0.09	0.74	3.86	0.01	0.02	—	0.02	0.02	—	0.02	—	624	624	0.03	0.01	—	626
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.13	0.70	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	103	103	< 0.005	< 0.005	—	104
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.32	0.29	0.28	4.79	0.00	0.00	0.75	0.75	0.00	0.18	0.18	—	825	825	0.03	0.03	3.27	838
Vendor	0.03	0.02	0.80	0.25	0.01	0.01	0.19	0.20	0.01	0.05	0.06	—	702	702	0.02	0.11	1.98	735
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.31	0.28	0.33	3.62	0.00	0.00	0.75	0.75	0.00	0.18	0.18	—	758	758	0.04	0.03	0.08	768

Vendor	0.03	0.02	0.83	0.25	0.01	0.01	0.19	0.20	0.01	0.05	0.06	—	702	702	0.02	0.11	0.05	734
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.08	0.07	0.08	0.99	0.00	0.00	0.19	0.19	0.00	0.05	0.05	—	200	200	0.01	0.01	0.37	203
Vendor	0.01	0.01	0.22	0.07	< 0.005	< 0.005	0.05	0.05	< 0.005	0.01	0.02	—	183	183	< 0.005	0.03	0.22	191
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.02	0.18	0.00	0.00	0.04	0.04	0.00	0.01	0.01	—	33.1	33.1	< 0.005	< 0.005	0.06	33.6
Vendor	< 0.005	< 0.005	0.04	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	30.2	30.2	< 0.005	< 0.005	0.04	31.6
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.7. Paving (2024) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.01	0.85	7.81	10.0	0.01	0.39	—	0.39	0.36	—	0.36	—	1,512	1,512	0.06	0.01	—	1,517
Paving	—	0.57	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.04	0.03	0.32	0.41	< 0.005	0.02	—	0.02	0.01	—	0.01	—	62.1	62.1	< 0.005	< 0.005	—	62.3
Paving	—	0.02	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.06	0.08	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	10.3	10.3	< 0.005	< 0.005	—	10.3
Paving	—	< 0.005	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.08	0.07	0.09	0.95	0.00	0.00	0.20	0.20	0.00	0.05	0.05	—	198	198	0.01	0.01	0.02	201
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.04	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	8.26	8.26	< 0.005	< 0.005	0.02	8.37
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.37	1.37	< 0.005	< 0.005	< 0.005	1.39
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.8. Paving (2024) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.16	0.16	1.93	10.6	0.01	0.03	—	0.03	0.03	—	0.03	—	1,512	1,512	0.06	0.01	—	1,517
Paving	—	0.57	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.08	0.44	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	62.1	62.1	< 0.005	< 0.005	—	62.3
Paving	—	0.02	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.01	0.08	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	10.3	10.3	< 0.005	< 0.005	—	10.3
Paving	—	< 0.005	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.08	0.07	0.09	0.95	0.00	0.00	0.20	0.20	0.00	0.05	0.05	—	198	198	0.01	0.01	0.02	201
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.04	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	8.26	8.26	< 0.005	< 0.005	0.02	8.37
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.37	1.37	< 0.005	< 0.005	< 0.005	1.39
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.9. Architectural Coating (2024) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.17	0.14	0.91	1.15	< 0.005	0.03	—	0.03	0.03	—	0.03	—	134	134	0.01	< 0.005	—	134
Architectural Coatings	—	22.6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.01	0.02	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	1.83	1.83	< 0.005	< 0.005	—	1.84
Architectural Coatings	—	0.31	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.30	0.30	< 0.005	< 0.005	—	0.30
Architectural Coatings	—	0.06	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.06	0.07	0.72	0.00	0.00	0.15	0.15	0.00	0.04	0.04	—	152	152	0.01	0.01	0.02	154
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	2.10	2.10	< 0.005	< 0.005	< 0.005	2.13
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.35	0.35	< 0.005	< 0.005	< 0.005	0.35
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.10. Architectural Coating (2024) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.17	0.14	0.91	1.15	< 0.005	0.03	—	0.03	0.03	—	0.03	—	134	134	0.01	< 0.005	—	134
Architectural Coatings	—	4.39	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.01	0.02	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	1.83	1.83	< 0.005	< 0.005	—	1.84
Architectural Coatings	—	0.06	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.30	0.30	< 0.005	< 0.005	—	0.30
Architectural Coatings	—	0.01	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.06	0.07	0.72	0.00	0.00	0.15	0.15	0.00	0.04	0.04	—	152	152	0.01	0.01	0.02	154
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	2.10	2.10	< 0.005	< 0.005	< 0.005	2.13
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.35	0.35	< 0.005	< 0.005	< 0.005	0.35
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.11. Architectural Coating (2025) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.15	0.13	0.88	1.14	< 0.005	0.03	—	0.03	0.03	—	0.03	—	134	134	0.01	< 0.005	—	134
Architectural Coatings	—	22.6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.06	0.08	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	9.15	9.15	< 0.005	< 0.005	—	9.18
Architectural Coatings	—	1.55	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	1.51	1.51	< 0.005	< 0.005	—	1.52
Architectural Coatings	—	0.28	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.05	0.06	0.67	0.00	0.00	0.15	0.15	0.00	0.04	0.04	—	149	149	0.01	0.01	0.02	150
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.05	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	10.3	10.3	< 0.005	< 0.005	0.02	10.4
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.71	1.71	< 0.005	< 0.005	< 0.005	1.73
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.12. Architectural Coating (2025) - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.15	0.13	0.88	1.14	< 0.005	0.03	—	0.03	0.03	—	0.03	—	134	134	0.01	< 0.005	—	134

Architect Coatings	—	4.39	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.06	0.08	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	9.15	9.15	< 0.005	< 0.005	—	9.18
Architectural Coatings	—	0.30	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	1.51	1.51	< 0.005	< 0.005	—	1.52
Architectural Coatings	—	0.05	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.05	0.06	0.67	0.00	0.00	0.15	0.15	0.00	0.04	0.04	—	149	149	0.01	0.01	0.02	150
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	< 0.005	< 0.005	< 0.005	0.05	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	10.3	10.3	< 0.005	< 0.005	0.02	10.4
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.71	1.71	< 0.005	< 0.005	< 0.005	1.73
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

4. Operations Emissions Details

4.1. Mobile Emissions by Land Use

4.1.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.20	0.11	4.75	1.14	0.04	0.08	1.43	1.51	0.08	0.38	0.46	—	4,657	4,657	0.07	0.71	13.8	4,883
Refrigerated Warehouse-No Rail	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
General Office Building	0.70	0.63	0.51	8.19	0.02	0.01	1.85	1.86	0.01	0.47	0.48	—	1,901	1,901	0.06	0.05	7.66	1,924

Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.89	0.75	5.26	9.33	0.06	0.09	3.28	3.37	0.08	0.85	0.94	—	6,558	6,558	0.13	0.75	21.5	6,808
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.19	0.11	4.96	1.15	0.04	0.08	1.43	1.51	0.08	0.38	0.46	—	4,658	4,658	0.07	0.71	0.36	4,871
Refrigerated Warehouse-No Rail	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
General Office Building	0.67	0.60	0.56	6.65	0.02	0.01	1.85	1.86	0.01	0.47	0.48	—	1,756	1,756	0.06	0.05	0.20	1,773
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.86	0.71	5.52	7.80	0.06	0.09	3.28	3.37	0.08	0.85	0.94	—	6,415	6,415	0.13	0.76	0.56	6,644
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.04	0.02	0.92	0.21	0.01	0.01	0.26	0.28	0.01	0.07	0.08	—	771	771	0.01	0.12	0.99	807
Refrigerated Warehouse-No Rail	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
General Office Building	0.12	0.11	0.10	1.26	< 0.005	< 0.005	0.34	0.34	< 0.005	0.09	0.09	—	294	294	0.01	0.01	0.55	298

Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.16	0.13	1.02	1.47	0.01	0.02	0.60	0.62	0.02	0.16	0.17	—	1,065	1,065	0.02	0.13	1.54	1,105

4.1.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.20	0.11	4.75	1.14	0.04	0.08	1.43	1.51	0.08	0.38	0.46	—	4,657	4,657	0.07	0.71	13.8	4,883
Refrigerated Warehouse-No Rail	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
General Office Building	0.70	0.63	0.51	8.19	0.02	0.01	1.85	1.86	0.01	0.47	0.48	—	1,901	1,901	0.06	0.05	7.66	1,924
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.89	0.75	5.26	9.33	0.06	0.09	3.28	3.37	0.08	0.85	0.94	—	6,558	6,558	0.13	0.75	21.5	6,808
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.19	0.11	4.96	1.15	0.04	0.08	1.43	1.51	0.08	0.38	0.46	—	4,658	4,658	0.07	0.71	0.36	4,871

Refrigera Warehouse-No Rail	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
General Office Building	0.67	0.60	0.56	6.65	0.02	0.01	1.85	1.86	0.01	0.47	0.48	—	1,756	1,756	0.06	0.05	0.20	1,773
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.86	0.71	5.52	7.80	0.06	0.09	3.28	3.37	0.08	0.85	0.94	—	6,415	6,415	0.13	0.76	0.56	6,644
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.04	0.02	0.92	0.21	0.01	0.01	0.26	0.28	0.01	0.07	0.08	—	771	771	0.01	0.12	0.99	807
Refrigerated Warehouse-No Rail	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
General Office Building	0.12	0.11	0.10	1.26	< 0.005	< 0.005	0.34	0.34	< 0.005	0.09	0.09	—	294	294	0.01	0.01	0.55	298
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.16	0.13	1.02	1.47	0.01	0.02	0.60	0.62	0.02	0.16	0.17	—	1,065	1,065	0.02	0.13	1.54	1,105

4.2. Energy

4.2.1. Electricity Emissions By Land Use - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	435	435	0.04	< 0.005	—	437
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	689	689	0.07	0.01	—	693
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	100.0	100.0	0.01	< 0.005	—	101
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	119	119	0.01	< 0.005	—	120
Total	—	—	—	—	—	—	—	—	—	—	—	—	1,343	1,343	0.13	0.02	—	1,351
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	435	435	0.04	< 0.005	—	437
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	689	689	0.07	0.01	—	693
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	100.0	100.0	0.01	< 0.005	—	101
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	119	119	0.01	< 0.005	—	120

Total	—	—	—	—	—	—	—	—	—	—	—	—	1,343	1,343	0.13	0.02	—	1,351
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	72.0	72.0	0.01	< 0.005	—	72.4
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	114	114	0.01	< 0.005	—	115
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	16.6	16.6	< 0.005	< 0.005	—	16.6
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	19.7	19.7	< 0.005	< 0.005	—	19.9
Total	—	—	—	—	—	—	—	—	—	—	—	—	222	222	0.02	< 0.005	—	224

4.2.2. Electricity Emissions By Land Use - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00

Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005
Total	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005
Total	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00

Refrigera Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005
Total	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005

4.2.3. Natural Gas Emissions By Land Use - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.06	0.03	0.51	0.43	< 0.005	0.04	—	0.04	0.04	—	0.04	—	605	605	0.05	< 0.005	—	607
Refrigerated Warehouse-No Rail	0.03	0.01	0.23	0.20	< 0.005	0.02	—	0.02	0.02	—	0.02	—	280	280	0.02	< 0.005	—	280
General Office Building	< 0.005	< 0.005	0.04	0.04	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	53.0	53.0	< 0.005	< 0.005	—	53.2
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.09	0.04	0.79	0.66	< 0.005	0.06	—	0.06	0.06	—	0.06	—	938	938	0.08	< 0.005	—	941

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.06	0.03	0.51	0.43	< 0.005	0.04	—	0.04	0.04	—	0.04	—	605	605	0.05	< 0.005	—	607
Refrigerated Warehouse-No Rail	0.03	0.01	0.23	0.20	< 0.005	0.02	—	0.02	0.02	—	0.02	—	280	280	0.02	< 0.005	—	280
General Office Building	< 0.005	< 0.005	0.04	0.04	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	53.0	53.0	< 0.005	< 0.005	—	53.2
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.09	0.04	0.79	0.66	< 0.005	0.06	—	0.06	0.06	—	0.06	—	938	938	0.08	< 0.005	—	941
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.01	0.01	0.09	0.08	< 0.005	0.01	—	0.01	0.01	—	0.01	—	100	100	0.01	< 0.005	—	100
Refrigerated Warehouse-No Rail	< 0.005	< 0.005	0.04	0.04	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	46.3	46.3	< 0.005	< 0.005	—	46.4
General Office Building	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	8.78	8.78	< 0.005	< 0.005	—	8.81
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.02	0.01	0.14	0.12	< 0.005	0.01	—	0.01	0.01	—	0.01	—	155	155	0.01	< 0.005	—	156

4.2.4. Natural Gas Emissions By Land Use - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.06	0.03	0.51	0.43	< 0.005	0.04	—	0.04	0.04	—	0.04	—	605	605	0.05	< 0.005	—	607
Refrigerated Warehouse-No Rail	0.03	0.01	0.23	0.20	< 0.005	0.02	—	0.02	0.02	—	0.02	—	280	280	0.02	< 0.005	—	280
General Office Building	< 0.005	< 0.005	0.04	0.04	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	53.0	53.0	< 0.005	< 0.005	—	53.2
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.09	0.04	0.79	0.66	< 0.005	0.06	—	0.06	0.06	—	0.06	—	938	938	0.08	< 0.005	—	941
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.06	0.03	0.51	0.43	< 0.005	0.04	—	0.04	0.04	—	0.04	—	605	605	0.05	< 0.005	—	607
Refrigerated Warehouse-No Rail	0.03	0.01	0.23	0.20	< 0.005	0.02	—	0.02	0.02	—	0.02	—	280	280	0.02	< 0.005	—	280

General Office Building	< 0.005	< 0.005	0.04	0.04	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	53.0	53.0	< 0.005	< 0.005	—	53.2
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.09	0.04	0.79	0.66	< 0.005	0.06	—	0.06	0.06	—	0.06	—	938	938	0.08	< 0.005	—	941
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.01	0.01	0.09	0.08	< 0.005	0.01	—	0.01	0.01	—	0.01	—	100	100	0.01	< 0.005	—	100
Refrigerated Warehouse-No Rail	< 0.005	< 0.005	0.04	0.04	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	46.3	46.3	< 0.005	< 0.005	—	46.4
General Office Building	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	8.78	8.78	< 0.005	< 0.005	—	8.81
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.02	0.01	0.14	0.12	< 0.005	0.01	—	0.01	0.01	—	0.01	—	155	155	0.01	< 0.005	—	156

4.3. Area Emissions by Source

4.3.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Source	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Consumer Products	—	2.96	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	0.19	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	1.07	0.98	0.05	6.00	< 0.005	0.01	—	0.01	0.01	—	0.01	—	24.7	24.7	< 0.005	< 0.005	—	24.8
Total	1.07	4.13	0.05	6.00	< 0.005	0.01	—	0.01	0.01	—	0.01	—	24.7	24.7	< 0.005	< 0.005	—	24.8
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	—	2.96	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	0.19	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	3.15	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	—	0.54	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	0.03	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.13	0.12	0.01	0.75	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	2.80	2.80	< 0.005	< 0.005	—	2.81
Total	0.13	0.70	0.01	0.75	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	2.80	2.80	< 0.005	< 0.005	—	2.81

4.3.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Source	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	—	2.96	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	0.19	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	1.07	0.98	0.05	6.00	< 0.005	0.01	—	0.01	0.01	—	0.01	—	24.7	24.7	< 0.005	< 0.005	—	24.8
Total	1.07	4.13	0.05	6.00	< 0.005	0.01	—	0.01	0.01	—	0.01	—	24.7	24.7	< 0.005	< 0.005	—	24.8
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	—	2.96	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	0.19	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	3.15	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	—	0.54	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	0.03	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Landscape Equipme	0.13	0.12	0.01	0.75	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	2.80	2.80	< 0.005	< 0.005	—	2.81
Total	0.13	0.70	0.01	0.75	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	2.80	2.80	< 0.005	< 0.005	—	2.81

4.4. Water Emissions by Land Use

4.4.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	43.8	153	196	4.51	0.11	—	341
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	14.6	49.6	64.2	1.50	0.04	—	113
General Office Building	—	—	—	—	—	—	—	—	—	—	—	2.04	6.93	8.98	0.21	0.01	—	15.7
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	60.5	209	270	6.22	0.15	—	470
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Unrefrigerated Warehou Rail	—	—	—	—	—	—	—	—	—	—	—	43.8	153	196	4.51	0.11	—	341
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	14.6	49.6	64.2	1.50	0.04	—	113
General Office Building	—	—	—	—	—	—	—	—	—	—	—	2.04	6.93	8.98	0.21	0.01	—	15.7
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	60.5	209	270	6.22	0.15	—	470
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	7.26	25.3	32.5	0.75	0.02	—	56.5
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	2.42	8.21	10.6	0.25	0.01	—	18.6
General Office Building	—	—	—	—	—	—	—	—	—	—	—	0.34	1.15	1.49	0.03	< 0.005	—	2.61
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	10.0	34.6	44.6	1.03	0.02	—	77.8

4.4.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	43.8	153	196	4.51	0.11	—	341
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	14.6	49.6	64.2	1.50	0.04	—	113
General Office Building	—	—	—	—	—	—	—	—	—	—	—	2.04	6.93	8.98	0.21	0.01	—	15.7
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	60.5	209	270	6.22	0.15	—	470
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	43.8	153	196	4.51	0.11	—	341
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	14.6	49.6	64.2	1.50	0.04	—	113
General Office Building	—	—	—	—	—	—	—	—	—	—	—	2.04	6.93	8.98	0.21	0.01	—	15.7

Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	60.5	209	270	6.22	0.15	—	470
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	7.26	25.3	32.5	0.75	0.02	—	56.5
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	2.42	8.21	10.6	0.25	0.01	—	18.6
General Office Building	—	—	—	—	—	—	—	—	—	—	—	0.34	1.15	1.49	0.03	< 0.005	—	2.61
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	10.0	34.6	44.6	1.03	0.02	—	77.8

4.5. Waste Emissions by Land Use

4.5.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	50.1	0.00	50.1	5.01	0.00	—	175

Refrigera Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	16.7	0.00	16.7	1.67	0.00	—	58.4
General Office Building	—	—	—	—	—	—	—	—	—	—	—	3.01	0.00	3.01	0.30	0.00	—	10.5
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	69.8	0.00	69.8	6.98	0.00	—	244
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	50.1	0.00	50.1	5.01	0.00	—	175
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	16.7	0.00	16.7	1.67	0.00	—	58.4
General Office Building	—	—	—	—	—	—	—	—	—	—	—	3.01	0.00	3.01	0.30	0.00	—	10.5
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	69.8	0.00	69.8	6.98	0.00	—	244
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	8.30	0.00	8.30	0.83	0.00	—	29.0

Refrigerated Warehou Rail	—	—	—	—	—	—	—	—	—	—	—	2.77	0.00	2.77	0.28	0.00	—	9.68
General Office Building	—	—	—	—	—	—	—	—	—	—	—	0.50	0.00	0.50	0.05	0.00	—	1.74
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	11.6	0.00	11.6	1.16	0.00	—	40.4

4.5.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehou se-No Rail	—	—	—	—	—	—	—	—	—	—	—	12.5	0.00	12.5	1.25	0.00	—	43.8
Refrigerated Warehou se-No Rail	—	—	—	—	—	—	—	—	—	—	—	4.18	0.00	4.18	0.42	0.00	—	14.6
General Office Building	—	—	—	—	—	—	—	—	—	—	—	0.75	0.00	0.75	0.08	0.00	—	2.63
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	17.5	0.00	17.5	1.74	0.00	—	61.1

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	12.5	0.00	12.5	1.25	0.00	—	43.8
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	4.18	0.00	4.18	0.42	0.00	—	14.6
General Office Building	—	—	—	—	—	—	—	—	—	—	—	0.75	0.00	0.75	0.08	0.00	—	2.63
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	17.5	0.00	17.5	1.74	0.00	—	61.1
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	2.07	0.00	2.07	0.21	0.00	—	7.26
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	0.69	0.00	0.69	0.07	0.00	—	2.42
General Office Building	—	—	—	—	—	—	—	—	—	—	—	0.12	0.00	0.12	0.01	0.00	—	0.44
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	2.89	0.00	2.89	0.29	0.00	—	10.1

4.6. Refrigerant Emissions by Land Use

4.6.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	879	879
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.01	0.01
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	879	879
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	879	879
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.01	0.01
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	879	879
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	145	145
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	145	145

4.6.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	879	879
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.01	0.01
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	879	879
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	879	879

General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.01	0.01
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	879	879
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	145	145
General Office Building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	< 0.005	< 0.005
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	145	145

4.7. Offroad Emissions By Equipment Type

4.7.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.7.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.8. Stationary Emissions By Equipment Type

4.8.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.8.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.9. User Defined Emissions By Equipment Type

4.9.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.9.2. Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Vegetation	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.2. Above and Belowground Carbon Accumulation by Land Use Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Species	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.4. Soil Carbon Accumulation By Vegetation Type - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Vegetation	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.5. Above and Belowground Carbon Accumulation by Land Use Type - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.6. Avoided and Sequestered Emissions by Species - Mitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Species	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

5. Activity Data

5.1. Construction Schedule

Phase Name	Phase Type	Start Date	End Date	Days Per Week	Work Days per Phase	Phase Description
Site Preparation	Site Preparation	5/1/2024	6/11/2024	5.00	30.0	—
Grading	Grading	6/12/2024	7/23/2024	5.00	30.0	—
Building Construction	Building Construction	7/24/2024	12/3/2024	5.00	95.0	—
Paving	Paving	12/4/2024	12/24/2024	5.00	15.0	—
Architectural Coating	Architectural Coating	12/25/2024	2/4/2025	5.00	30.0	—

5.2. Off-Road Equipment

5.2.1. Unmitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Site Preparation	Rubber Tired Dozers	Diesel	Average	3.00	8.00	367	0.40

Site Preparation	Tractors/Loaders/Backh	Diesel	Average	4.00	8.00	84.0	0.37
Grading	Graders	Diesel	Average	1.00	8.00	148	0.41
Grading	Excavators	Diesel	Average	1.00	8.00	36.0	0.38
Grading	Tractors/Loaders/Backh oes	Diesel	Average	3.00	8.00	84.0	0.37
Grading	Rubber Tired Dozers	Diesel	Average	1.00	8.00	367	0.40
Building Construction	Forklifts	Diesel	Average	3.00	8.00	82.0	0.20
Building Construction	Generator Sets	Diesel	Average	1.00	8.00	14.0	0.74
Building Construction	Cranes	Diesel	Average	1.00	7.00	367	0.29
Building Construction	Welders	Diesel	Average	1.00	8.00	46.0	0.45
Building Construction	Tractors/Loaders/Backh oes	Diesel	Average	3.00	7.00	84.0	0.37
Paving	Pavers	Diesel	Average	2.00	8.00	81.0	0.42
Paving	Paving Equipment	Diesel	Average	2.00	8.00	89.0	0.36
Paving	Rollers	Diesel	Average	2.00	8.00	36.0	0.38
Architectural Coating	Air Compressors	Diesel	Average	1.00	6.00	37.0	0.48

5.2.2. Mitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Site Preparation	Rubber Tired Dozers	Diesel	Tier 4 Final	3.00	8.00	367	0.40
Site Preparation	Tractors/Loaders/Backh oes	Diesel	Tier 4 Final	4.00	8.00	84.0	0.37
Grading	Graders	Diesel	Tier 4 Final	1.00	8.00	148	0.41
Grading	Excavators	Diesel	Tier 4 Final	1.00	8.00	36.0	0.38
Grading	Tractors/Loaders/Backh oes	Diesel	Tier 4 Final	3.00	8.00	84.0	0.37
Grading	Rubber Tired Dozers	Diesel	Tier 4 Final	1.00	8.00	367	0.40
Building Construction	Forklifts	Diesel	Tier 4 Final	3.00	8.00	82.0	0.20
Building Construction	Generator Sets	Diesel	Average	1.00	8.00	14.0	0.74

Building Construction	Cranes	Diesel	Tier 4 Final	1.00	7.00	367	0.29
Building Construction	Welders	Diesel	Tier 4 Final	1.00	8.00	46.0	0.45
Building Construction	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	3.00	7.00	84.0	0.37
Paving	Pavers	Diesel	Tier 4 Final	2.00	8.00	81.0	0.42
Paving	Paving Equipment	Diesel	Tier 4 Final	2.00	8.00	89.0	0.36
Paving	Rollers	Diesel	Tier 4 Final	2.00	8.00	36.0	0.38
Architectural Coating	Air Compressors	Diesel	Average	1.00	6.00	37.0	0.48

5.3. Construction Vehicles

5.3.1. Unmitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Site Preparation	—	—	—	—
Site Preparation	Worker	17.5	18.5	LDA,LDT1,LDT2
Site Preparation	Vendor	—	10.2	HHDT,MHDT
Site Preparation	Hauling	0.00	20.0	HHDT
Site Preparation	Onsite truck	—	—	HHDT
Grading	—	—	—	—
Grading	Worker	15.0	18.5	LDA,LDT1,LDT2
Grading	Vendor	—	10.2	HHDT,MHDT
Grading	Hauling	0.00	20.0	HHDT
Grading	Onsite truck	—	—	HHDT
Building Construction	—	—	—	—
Building Construction	Worker	57.3	18.5	LDA,LDT1,LDT2
Building Construction	Vendor	22.6	10.2	HHDT,MHDT
Building Construction	Hauling	0.00	20.0	HHDT
Building Construction	Onsite truck	—	—	HHDT

Paving	—	—	—	—
Paving	Worker	15.0	18.5	LDA,LDT1,LDT2
Paving	Vendor	—	10.2	HHDT,MHDT
Paving	Hauling	0.00	20.0	HHDT
Paving	Onsite truck	—	—	HHDT
Architectural Coating	—	—	—	—
Architectural Coating	Worker	11.5	18.5	LDA,LDT1,LDT2
Architectural Coating	Vendor	—	10.2	HHDT,MHDT
Architectural Coating	Hauling	0.00	20.0	HHDT
Architectural Coating	Onsite truck	—	—	HHDT

5.3.2. Mitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Site Preparation	—	—	—	—
Site Preparation	Worker	17.5	18.5	LDA,LDT1,LDT2
Site Preparation	Vendor	—	10.2	HHDT,MHDT
Site Preparation	Hauling	0.00	20.0	HHDT
Site Preparation	Onsite truck	—	—	HHDT
Grading	—	—	—	—
Grading	Worker	15.0	18.5	LDA,LDT1,LDT2
Grading	Vendor	—	10.2	HHDT,MHDT
Grading	Hauling	0.00	20.0	HHDT
Grading	Onsite truck	—	—	HHDT
Building Construction	—	—	—	—
Building Construction	Worker	57.3	18.5	LDA,LDT1,LDT2
Building Construction	Vendor	22.6	10.2	HHDT,MHDT
Building Construction	Hauling	0.00	20.0	HHDT

Building Construction	Onsite truck	—	—	HHDT
Paving	—	—	—	—
Paving	Worker	15.0	18.5	LDA,LDT1,LDT2
Paving	Vendor	—	10.2	HHDT,MHDT
Paving	Hauling	0.00	20.0	HHDT
Paving	Onsite truck	—	—	HHDT
Architectural Coating	—	—	—	—
Architectural Coating	Worker	11.5	18.5	LDA,LDT1,LDT2
Architectural Coating	Vendor	—	10.2	HHDT,MHDT
Architectural Coating	Hauling	0.00	20.0	HHDT
Architectural Coating	Onsite truck	—	—	HHDT

5.4. Vehicles

5.4.1. Construction Vehicle Control Strategies

Control Strategies Applied	PM10 Reduction	PM2.5 Reduction
Water unpaved roads twice daily	55%	55%
Limit vehicle speeds on unpaved roads to 25 mph	44%	44%

5.5. Architectural Coatings

Phase Name	Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
Architectural Coating	0.00	0.00	206,844	68,948	8,553

5.6. Dust Mitigation

5.6.1. Construction Earthmoving Activities

Phase Name	Material Imported (Cubic Yards)	Material Exported (Cubic Yards)	Acres Graded (acres)	Material Demolished (sq. ft.)	Acres Paved (acres)
Site Preparation	0.00	0.00	45.0	0.00	—
Grading	0.00	0.00	30.0	0.00	—
Paving	0.00	0.00	0.00	0.00	3.27

5.6.2. Construction Earthmoving Control Strategies

Control Strategies Applied	Frequency (per day)	PM10 Reduction	PM2.5 Reduction
Water Exposed Area	3	74%	74%

5.7. Construction Paving

Land Use	Area Paved (acres)	% Asphalt
Unrefrigerated Warehouse-No Rail	0.00	0%
Refrigerated Warehouse-No Rail	0.00	0%
General Office Building	0.00	0%
Parking Lot	3.27	100%

5.8. Construction Electricity Consumption and Emissions Factors

kWh per Year and Emission Factor (lb/MWh)

Year	kWh per Year	CO2	CH4	N2O
2024	0.00	349	0.03	< 0.005
2025	0.00	349	0.03	< 0.005

5.9. Operational Mobile Sources

5.9.1. Unmitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year

Unrefrigerated Warehouse-No Rail	49.5	49.5	49.5	18,053	1,642	1,642	1,642	599,368
Refrigerated Warehouse-No Rail	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
General Office Building	175	175	175	63,698	2,643	2,643	2,643	964,537
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

5.9.2. Mitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year
Unrefrigerated Warehouse-No Rail	49.5	49.5	49.5	18,053	1,642	1,642	1,642	599,368
Refrigerated Warehouse-No Rail	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
General Office Building	175	175	175	63,698	2,643	2,643	2,643	964,537
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

5.10. Operational Area Sources

5.10.1. Hearths

5.10.1.1. Unmitigated

5.10.1.2. Mitigated

5.10.2. Architectural Coatings

Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
0	0.00	206,844	68,948	8,553

5.10.3. Landscape Equipment

Season	Unit	Value
Snow Days	day/yr	0.00
Summer Days	day/yr	250

5.10.4. Landscape Equipment - Mitigated

Season	Unit	Value
Snow Days	day/yr	0.00
Summer Days	day/yr	250

5.11. Operational Energy Consumption

5.11.1. Unmitigated

Electricity (kWh/yr) and CO2 and CH4 and N2O and Natural Gas (kBTU/yr)

Land Use	Electricity (kWh/yr)	CO2	CH4	N2O	Natural Gas (kBTU/yr)
Unrefrigerated Warehouse-No Rail	455,274	349	0.0330	0.0040	1,888,637
Refrigerated Warehouse-No Rail	721,127	349	0.0330	0.0040	872,527
General Office Building	104,659	349	0.0330	0.0040	165,520
Parking Lot	124,873	349	0.0330	0.0040	0.00

5.11.2. Mitigated

Electricity (kWh/yr) and CO2 and CH4 and N2O and Natural Gas (kBTU/yr)

Land Use	Electricity (kWh/yr)	CO2	CH4	N2O	Natural Gas (kBTU/yr)
Unrefrigerated Warehouse-No Rail	0.00	349	0.0330	0.0040	1,888,637
Refrigerated Warehouse-No Rail	0.00	349	0.0330	0.0040	872,527

General Office Building	< 0.005	349	0.0330	0.0040	165,520
Parking Lot	< 0.005	349	0.0330	0.0040	0.00

5.12. Operational Water and Wastewater Consumption

5.12.1. Unmitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
Unrefrigerated Warehouse-No Rail	22,875,713	747,216
Refrigerated Warehouse-No Rail	7,625,237	0.00
General Office Building	1,066,402	0.00
Parking Lot	0.00	0.00

5.12.2. Mitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
Unrefrigerated Warehouse-No Rail	22,875,713	747,216
Refrigerated Warehouse-No Rail	7,625,237	0.00
General Office Building	1,066,402	0.00
Parking Lot	0.00	0.00

5.13. Operational Waste Generation

5.13.1. Unmitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
Unrefrigerated Warehouse-No Rail	93.0	—
Refrigerated Warehouse-No Rail	31.0	—
General Office Building	5.58	—
Parking Lot	0.00	—

5.13.2. Mitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
Unrefrigerated Warehouse-No Rail	23.2	—
Refrigerated Warehouse-No Rail	7.75	—
General Office Building	1.40	—
Parking Lot	0.00	—

5.14. Operational Refrigeration and Air Conditioning Equipment

5.14.1. Unmitigated

Land Use Type	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced
Refrigerated Warehouse-No Rail	Cold storage	R-404A	3,922	7.50	7.50	7.50	25.0
General Office Building	Household refrigerators and/or freezers	R-134a	1,430	0.02	0.60	0.00	1.00
General Office Building	Other commercial A/C and heat pumps	R-410A	2,088	< 0.005	4.00	4.00	18.0

5.14.2. Mitigated

Land Use Type	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced
Refrigerated Warehouse-No Rail	Cold storage	R-404A	3,922	7.50	7.50	7.50	25.0
General Office Building	Household refrigerators and/or freezers	R-134a	1,430	0.02	0.60	0.00	1.00
General Office Building	Other commercial A/C and heat pumps	R-410A	2,088	< 0.005	4.00	4.00	18.0

5.15. Operational Off-Road Equipment

5.15.1. Unmitigated

Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor

5.15.2. Mitigated

Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor

5.16. Stationary Sources

5.16.1. Emergency Generators and Fire Pumps

Equipment Type	Fuel Type	Number per Day	Hours per Day	Hours per Year	Horsepower	Load Factor

5.16.2. Process Boilers

Equipment Type	Fuel Type	Number	Boiler Rating (MMBtu/hr)	Daily Heat Input (MMBtu/day)	Annual Heat Input (MMBtu/yr)

5.17. User Defined

Equipment Type	Fuel Type

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1.2. Mitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.1.2. Mitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.2. Sequestration

5.18.2.1. Unmitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)

5.18.2.2. Mitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

Cal-Adapt midcentury 2040–2059 average projections for four hazards are reported below for your project location. These are under Representation Concentration Pathway (RCP) 8.5 which assumes GHG emissions will continue to rise strongly through 2050 and then plateau around 2100.

Climate Hazard	Result for Project Location	Unit
Temperature and Extreme Heat	27.9	annual days of extreme heat
Extreme Precipitation	2.60	annual days with precipitation above 20 mm
Sea Level Rise	0.00	meters of inundation depth

Wildfire	7.84	annual hectares burned

Temperature and Extreme Heat data are for grid cell in which your project are located. The projection is based on the 98th historical percentile of daily maximum/minimum temperatures from observed historical data (32 climate model ensemble from Cal-Adapt, 2040–2059 average under RCP 8.5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Extreme Precipitation data are for the grid cell in which your project are located. The threshold of 20 mm is equivalent to about ¾ an inch of rain, which would be light to moderate rainfall if received over a full day or heavy rain if received over a period of 2 to 4 hours. Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Sea Level Rise data are for the grid cell in which your project are located. The projections are from Radke et al. (2017), as reported in Cal-Adapt (2040–2059 average under RCP 8.5), and consider different increments of sea level rise coupled with extreme storm events. Users may select from four model simulations to view the range in potential inundation depth for the grid cell. The four simulations make different assumptions about expected rainfall and temperature are: Warmer/drier (HadGEM2-ES), Cooler/wetter (CNRM-CM5), Average conditions (CanESM2), Range of different rainfall and temperature possibilities (MIROC5). Each grid cell is 50 meters (m) by 50 m, or about 164 feet (ft) by 164 ft.
Wildfire data are for the grid cell in which your project are located. The projections are from UC Davis, as reported in Cal-Adapt (2040–2059 average under RCP 8.5), and consider historical data of climate, vegetation, population density, and large (> 400 ha) fire history. Users may select from four model simulations to view the range in potential wildfire probabilities for the grid cell. The four simulations make different assumptions about expected rainfall and temperature are: Warmer/drier (HadGEM2-ES), Cooler/wetter (CNRM-CM5), Average conditions (CanESM2), Range of different rainfall and temperature possibilities (MIROC5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

6.2. Initial Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	3	0	0	N/A
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	1	0	0	N/A
Wildfire	1	0	0	N/A
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	0	0	0	N/A

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores do not include implementation of climate risk reduction measures.

6.3. Adjusted Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	3	1	1	3

Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	1	1	1	2
Wildfire	1	1	1	2
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	1	1	1	2

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores include implementation of climate risk reduction measures.

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Exposure Indicators	—
AQ-Ozone	91.1
AQ-PM	51.4
AQ-DPM	21.5
Drinking Water	67.4
Lead Risk Housing	21.2
Pesticides	70.2
Toxic Releases	24.2
Traffic	74.1

Effect Indicators	—
CleanUp Sites	0.00
Groundwater	0.00
Haz Waste Facilities/Generators	50.1
Impaired Water Bodies	12.5
Solid Waste	22.1
Sensitive Population	—
Asthma	48.8
Cardio-vascular	78.2
Low Birth Weights	53.5
Socioeconomic Factor Indicators	—
Education	79.3
Housing	24.9
Linguistic	16.4
Poverty	46.8
Unemployment	73.4

7.2. Healthy Places Index Scores

The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Economic	—
Above Poverty	60.29770307
Employed	40.65186706
Median HI	53.71487232
Education	—
Bachelor's or higher	37.28987553
High school enrollment	21.68612858

Preschool enrollment	56.08879764
Transportation	—
Auto Access	87.47593995
Active commuting	24.03438984
Social	—
2-parent households	65.68715514
Voting	37.14872321
Neighborhood	—
Alcohol availability	82.31746439
Park access	26.70345182
Retail density	10.84306429
Supermarket access	22.85384319
Tree canopy	2.014628513
Housing	—
Homeownership	88.6179905
Housing habitability	84.80687797
Low-inc homeowner severe housing cost burden	74.63107917
Low-inc renter severe housing cost burden	62.78711664
Uncrowded housing	64.30129603
Health Outcomes	—
Insured adults	49.23649429
Arthritis	1.9
Asthma ER Admissions	51.4
High Blood Pressure	4.3
Cancer (excluding skin)	3.1
Asthma	46.1
Coronary Heart Disease	2.1

Chronic Obstructive Pulmonary Disease	9.6
Diagnosed Diabetes	20.7
Life Expectancy at Birth	41.6
Cognitively Disabled	70.6
Physically Disabled	50.9
Heart Attack ER Admissions	20.0
Mental Health Not Good	57.3
Chronic Kidney Disease	3.6
Obesity	36.5
Pedestrian Injuries	19.6
Physical Health Not Good	33.7
Stroke	7.6
Health Risk Behaviors	—
Binge Drinking	80.1
Current Smoker	59.6
No Leisure Time for Physical Activity	36.0
Climate Change Exposures	—
Wildfire Risk	7.4
SLR Inundation Area	0.0
Children	31.0
Elderly	48.0
English Speaking	75.4
Foreign-born	34.0
Outdoor Workers	12.6
Climate Change Adaptive Capacity	—
Impervious Surface Cover	83.3
Traffic Density	34.3

Traffic Access	23.0
Other Indices	—
Hardship	58.4
Other Decision Support	—
2016 Voting	52.4

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	55.0
Healthy Places Index Score for Project Location (b)	50.0
Project Located in a Designated Disadvantaged Community (Senate Bill 535)	No
Project Located in a Low-Income Community (Assembly Bill 1550)	No
Project Located in a Community Air Protection Program Community (Assembly Bill 617)	No

a: The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.
b: The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

7.4. Health & Equity Measures

No Health & Equity Measures selected.

7.5. Evaluation Scorecard

Health & Equity Evaluation Scorecard not completed.

7.6. Health & Equity Custom Measures

No Health & Equity Custom Measures created.

8. User Changes to Default Data

Screen	Justification
Construction: Construction Phases	Per construction dates
Construction: Architectural Coatings	SCAQMD Rule 1113

Operations: Vehicle Data	Trip rates per traffic study Truck trips under warehouse land use Passenger car trips under general office land use Trip length for trucks has been modified Trip percentage for truck and passenger cars has been modified
Operations: Fleet Mix	Truck fleet mix under the warehouse land use Passenger car fleet mix under the general office building land use
Operations: Architectural Coatings	SCAQMD Rule 1113

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** AERMOD Input Produced by:
** AERMOD View Ver. 12.0.0
** Lakes Environmental Software Inc.
** Date: 3/8/2024
** File: C:\Lakes\AERMOD View\Compass\Const_r\Const_r.ADI
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**
**************************************
** AERMOD Control Pathway
**************************************
**
**
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   MODELOPT DFAULT CONC
   AVERTIME 1 PERIOD
   URBANOPT 2189641
   POLLUTID PM_10
   RUNORNOT RUN
   ERRORFIL Const_r.err
CO FINISHED
**
**************************************
** AERMOD Source Pathway
**************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
** ------------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE1
** DESCRSRC S1 Haul
** PREFIX
** Length of Side = 8.70
** Configuration = Adjacent
** Emission Rate = 1.0
** Vertical Dimension = 6.12
** SZINIT = 2.85
** Nodes = 3
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** 479678.903, 3733692.249, 435.86, 3.06, 4.05
** 482333.316, 3733682.189, 439.33, 3.06, 4.05
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** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE2
** DESCRSRC S2 Haul
** PREFIX
** Length of Side = 8.70
** Configuration = Adjacent
** Emission Rate = 1.0
** Vertical Dimension = 6.12
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LOCATION L0030535 VOLUME 481433.841 3733681.140 432.16
LOCATION L0030536 VOLUME 481442.541 3733681.084 432.17
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LOCATION L0030542 VOLUME 481494.740 3733680.750 432.32
LOCATION L0030543 VOLUME 481503.439 3733680.694 432.36
LOCATION L0030544 VOLUME 481512.139 3733680.638 432.39
LOCATION L0030545 VOLUME 481520.839 3733680.582 432.41
LOCATION L0030546 VOLUME 481529.539 3733680.526 432.42
LOCATION L0030547 VOLUME 481538.239 3733680.471 432.43

LOCATION L0030548 VOLUME 481546.938 3733680.415 432.44
LOCATION L0030549 VOLUME 481555.638 3733680.359 432.44
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   LOCATION L0030624     VOLUME   482208.125 3733676.176 435.80
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   LOCATION L0030626     VOLUME   482225.525 3733676.064 436.40
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   LOCATION L0030632     VOLUME   482277.723 3733675.729 438.27
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   LOCATION L0030634     VOLUME   482295.123 3733675.618 438.82
   LOCATION L0030635     VOLUME   482303.823 3733675.562 439.07
   LOCATION L0030636     VOLUME   482312.523 3733675.506 439.33
   LOCATION L0030637     VOLUME   482321.223 3733675.450 439.62
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** End of LINE VOLUME Source ID = SLINE2
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** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE3
** DESCRSRC S3 Haul
** PREFIX
** Length of Side = 8.70
** Configuration = Adjacent
** Emission Rate = 1.0
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** 481690.207, 3733526.329, 433.12, 3.06, 4.05
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   LOCATION L0030667     VOLUME   482085.348 3733680.768 434.31
   LOCATION L0030668     VOLUME   482076.649 3733680.807 434.24
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   LOCATION L0030678     VOLUME   481989.649 3733681.187 433.31
   LOCATION L0030679     VOLUME   481980.949 3733681.225 433.29
   LOCATION L0030680     VOLUME   481972.250 3733681.264 433.24
   LOCATION L0030681     VOLUME   481963.550 3733681.302 433.18
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** End of LINE VOLUME Source ID = SLINE3
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** PREFIX
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** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE5
** DESCRSRC S2 Onsite
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LOCATION L0031627 VOLUME 481845.423 3733621.366 433.29
LOCATION L0031628 VOLUME 481841.061 3733632.546 433.34
LOCATION L0031629 VOLUME 481831.680 3733636.451 433.37

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   LOCATION L0031633     VOLUME   481783.682 3733636.895 433.19
   LOCATION L0031634     VOLUME   481771.682 3733637.007 433.13
   LOCATION L0031635     VOLUME   481759.683 3733637.118 433.07
   LOCATION L0031636     VOLUME   481747.683 3733637.229 433.01
   LOCATION L0031637     VOLUME   481735.684 3733637.340 432.97
   LOCATION L0031638     VOLUME   481723.684 3733637.451 432.92
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   LOCATION L0031643     VOLUME   481729.849 3733658.525 433.11
   LOCATION L0031644     VOLUME   481741.847 3733658.309 433.16
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   LOCATION L0031648     VOLUME   481789.837 3733657.312 433.31
   LOCATION L0031649     VOLUME   481801.833 3733657.017 433.34
   LOCATION L0031650     VOLUME   481813.830 3733656.722 433.36
   LOCATION L0031651     VOLUME   481825.826 3733656.427 433.38
   LOCATION L0031652     VOLUME   481837.822 3733656.132 433.37
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** Source Parameters **
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** LINE VOLUME Source ID = SLINE4
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** LINE VOLUME Source ID = SLINE5
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   SRCPARAM L0031545     0.012345679      3.82      5.58      3.56
   SRCPARAM L0031546     0.012345679      3.82      5.58      3.56
   SRCPARAM L0031547     0.012345679      3.82      5.58      3.56
   SRCPARAM L0031548     0.012345679      3.82      5.58      3.56
   SRCPARAM L0031549     0.012345679      3.82      5.58      3.56
   SRCPARAM L0031550     0.012345679      3.82      5.58      3.56
   SRCPARAM L0031551     0.012345679      3.82      5.58      3.56
   SRCPARAM L0031552     0.012345679      3.82      5.58      3.56
   SRCPARAM L0031553     0.012345679      3.82      5.58      3.56
   SRCPARAM L0031554     0.012345679      3.82      5.58      3.56
   SRCPARAM L0031555     0.012345679      3.82      5.58      3.56
   SRCPARAM L0031556     0.012345679      3.82      5.58      3.56
** ------------------------------------------------------------------
** LINE VOLUME Source ID = SLINE6
   SRCPARAM L0031557     0.0104166667      3.82      5.58      3.56
   SRCPARAM L0031558     0.0104166667      3.82      5.58      3.56
   SRCPARAM L0031559     0.0104166667      3.82      5.58      3.56
   SRCPARAM L0031560     0.0104166667      3.82      5.58      3.56
   SRCPARAM L0031561     0.0104166667      3.82      5.58      3.56
   SRCPARAM L0031562     0.0104166667      3.82      5.58      3.56
   SRCPARAM L0031563     0.0104166667      3.82      5.58      3.56
   SRCPARAM L0031564     0.0104166667      3.82      5.58      3.56
   SRCPARAM L0031565     0.0104166667      3.82      5.58      3.56
   SRCPARAM L0031566     0.0104166667      3.82      5.58      3.56
   SRCPARAM L0031567     0.0104166667      3.82      5.58      3.56
   SRCPARAM L0031568     0.0104166667      3.82      5.58      3.56
   SRCPARAM L0031569     0.0104166667      3.82      5.58      3.56
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SRCPARAM L0031570     0.0104166667      3.82      5.58      3.56
SRCPARAM L0031571     0.0104166667      3.82      5.58      3.56
SRCPARAM L0031572     0.0104166667      3.82      5.58      3.56
SRCPARAM L0031573     0.0104166667      3.82      5.58      3.56
SRCPARAM L0031574     0.0104166667      3.82      5.58      3.56
SRCPARAM L0031575     0.0104166667      3.82      5.58      3.56
SRCPARAM L0031576     0.0104166667      3.82      5.58      3.56
SRCPARAM L0031577     0.0104166667      3.82      5.58      3.56
SRCPARAM L0031578     0.0104166667      3.82      5.58      3.56
SRCPARAM L0031579     0.0104166667      3.82      5.58      3.56
SRCPARAM L0031580     0.0104166667      3.82      5.58      3.56
SRCPARAM L0031581     0.0104166667      3.82      5.58      3.56
SRCPARAM L0031582     0.0104166667      3.82      5.58      3.56
SRCPARAM L0031583     0.0104166667      3.82      5.58      3.56
SRCPARAM L0031584     0.0104166667      3.82      5.58      3.56
SRCPARAM L0031585     0.0104166667      3.82      5.58      3.56
SRCPARAM L0031586     0.0104166667      3.82      5.58      3.56
SRCPARAM L0031587     0.0104166667      3.82      5.58      3.56
SRCPARAM L0031588     0.0104166667      3.82      5.58      3.56
SRCPARAM L0031589     0.0104166667      3.82      5.58      3.56
SRCPARAM L0031590     0.0104166667      3.82      5.58      3.56
SRCPARAM L0031591     0.0104166667      3.82      5.58      3.56
SRCPARAM L0031592     0.0104166667      3.82      5.58      3.56
SRCPARAM L0031593     0.0104166667      3.82      5.58      3.56
SRCPARAM L0031594     0.0104166667      3.82      5.58      3.56
SRCPARAM L0031595     0.0104166667      3.82      5.58      3.56
SRCPARAM L0031596     0.0104166667      3.82      5.58      3.56
SRCPARAM L0031597     0.0104166667      3.82      5.58      3.56
SRCPARAM L0031598     0.0104166667      3.82      5.58      3.56
SRCPARAM L0031599     0.0104166667      3.82      5.58      3.56
SRCPARAM L0031600     0.0104166667      3.82      5.58      3.56
SRCPARAM L0031601     0.0104166667      3.82      5.58      3.56
SRCPARAM L0031602     0.0104166667      3.82      5.58      3.56
SRCPARAM L0031603     0.0104166667      3.82      5.58      3.56
SRCPARAM L0031604     0.0104166667      3.82      5.58      3.56
SRCPARAM L0031605     0.0104166667      3.82      5.58      3.56
SRCPARAM L0031606     0.0104166667      3.82      5.58      3.56
SRCPARAM L0031607     0.0104166667      3.82      5.58      3.56
SRCPARAM L0031608     0.0104166667      3.82      5.58      3.56
SRCPARAM L0031609     0.0104166667      3.82      5.58      3.56
SRCPARAM L0031610     0.0104166667      3.82      5.58      3.56
SRCPARAM L0031611     0.0104166667      3.82      5.58      3.56
SRCPARAM L0031612     0.0104166667      3.82      5.58      3.56
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SRCPARAM L0031614     0.0104166667      3.82      5.58      3.56
SRCPARAM L0031615     0.0104166667      3.82      5.58      3.56
SRCPARAM L0031616     0.0104166667      3.82      5.58      3.56
SRCPARAM L0031617     0.0104166667      3.82      5.58      3.56
SRCPARAM L0031618     0.0104166667      3.82      5.58      3.56
SRCPARAM L0031619     0.0104166667      3.82      5.58      3.56
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   SRCPARAM L0031622     0.0104166667      3.82      5.58      3.56
   SRCPARAM L0031623     0.0104166667      3.82      5.58      3.56
   SRCPARAM L0031624     0.0104166667      3.82      5.58      3.56
   SRCPARAM L0031625     0.0104166667      3.82      5.58      3.56
   SRCPARAM L0031626     0.0104166667      3.82      5.58      3.56
   SRCPARAM L0031627     0.0104166667      3.82      5.58      3.56
   SRCPARAM L0031628     0.0104166667      3.82      5.58      3.56
   SRCPARAM L0031629     0.0104166667      3.82      5.58      3.56
   SRCPARAM L0031630     0.0104166667      3.82      5.58      3.56
   SRCPARAM L0031631     0.0104166667      3.82      5.58      3.56
   SRCPARAM L0031632     0.0104166667      3.82      5.58      3.56
   SRCPARAM L0031633     0.0104166667      3.82      5.58      3.56
   SRCPARAM L0031634     0.0104166667      3.82      5.58      3.56
   SRCPARAM L0031635     0.0104166667      3.82      5.58      3.56
   SRCPARAM L0031636     0.0104166667      3.82      5.58      3.56
   SRCPARAM L0031637     0.0104166667      3.82      5.58      3.56
   SRCPARAM L0031638     0.0104166667      3.82      5.58      3.56
   SRCPARAM L0031639     0.0104166667      3.82      5.58      3.56
   SRCPARAM L0031640     0.0104166667      3.82      5.58      3.56
   SRCPARAM L0031641     0.0104166667      3.82      5.58      3.56
   SRCPARAM L0031642     0.0104166667      3.82      5.58      3.56
   SRCPARAM L0031643     0.0104166667      3.82      5.58      3.56
   SRCPARAM L0031644     0.0104166667      3.82      5.58      3.56
   SRCPARAM L0031645     0.0104166667      3.82      5.58      3.56
   SRCPARAM L0031646     0.0104166667      3.82      5.58      3.56
   SRCPARAM L0031647     0.0104166667      3.82      5.58      3.56
   SRCPARAM L0031648     0.0104166667      3.82      5.58      3.56
   SRCPARAM L0031649     0.0104166667      3.82      5.58      3.56
   SRCPARAM L0031650     0.0104166667      3.82      5.58      3.56
   SRCPARAM L0031651     0.0104166667      3.82      5.58      3.56
   SRCPARAM L0031652     0.0104166667      3.82      5.58      3.56
** ------------------------------------------------------------------
   URBANSRC ALL

** Variable Emissions Type: "By Hour / Day (HRDOW)"
** Variable Emission Scenario: "Scenario 1"
** WeekDays:
   EMISFACT L0029914     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0029914     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0029914     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0029914     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0029915     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0029915     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0029915     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0029915     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0029916     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0029916     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0029916     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
```

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EMISFACT L0029916     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0029917     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0029917     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT L0029917     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0029918     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0029918     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0029918     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT L0029918     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0029919     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0029919     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0029919     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT L0029919     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0029920     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0029920     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0029920     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT L0029920     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0029921     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0029921     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0029921     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT L0029921     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0029923     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0029924     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0029925     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0029925     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0029926     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0029926     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT L0029926     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0029927     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0029927     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0029927     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
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EMISFACT L0029928     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT L0029928     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0029929     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0029929     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0029930     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0029930     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0029933     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0029941     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0029941     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
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EMISFACT L0030264     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0030264     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0030266     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0030266     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0030266     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0030267     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0030292     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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** WeekDays:
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   EMISFACT L0030304     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0030329     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0030329     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0030614     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0030614     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0030614     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0030615     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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SRCGROUP S2off    L0030637 L0030638
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SRCGROUP S3on     L0030657 L0030658 L0030659 L0030660 L0030661 L0030662
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SRCGROUP S3on     L0030693 L0030694 L0030695 L0030696 L0030697 L0030698
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   SRCGROUP S3off    L0031647 L0031648 L0031649 L0031650 L0031651 L0031652
   SRCGROUP ALL
SO FINISHED
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** AERMOD Receptor Pathway
**************************************
**
**
RE STARTING
   INCLUDED Const_r.rou
RE FINISHED
**
**************************************
** AERMOD Meteorology Pathway
**************************************
**
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ME STARTING
** Surface File Path: C:\Lakes\AERMOD View\Compass\Const_r\PERI_V9_ADJU\
   SURFFILE PERI_V9_ADJU\PERI_v9.SFC
** Profile File Path: C:\Lakes\AERMOD View\Compass\Const_r\PERI_V9_ADJU\
   PROFFILE PERI_V9_ADJU\PERI_v9.PFL
   SURFDATA 3171 2010
   UAIRDATA 3190 2010
   SITEDATA 99999 2010
   PROFBASE 442.0 METERS
ME FINISHED
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** AERMOD Output Pathway
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   RECTABLE 1 1ST
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31
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View\Compass\Const_r\CONST_R.AD\01H1G001.PLT" 32
   PLOTFILE 1 S1off 1ST "C:\Lakes\AERMOD
View\Compass\Const_r\CONST_R.AD\01H1G002.PLT" 33
   PLOTFILE 1 S2on 1ST "C:\Lakes\AERMOD
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   PLOTFILE 1 S2off 1ST "C:\Lakes\AERMOD
View\Compass\Const_r\CONST_R.AD\01H1G004.PLT" 35
   PLOTFILE 1 S3on 1ST "C:\Lakes\AERMOD
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   PLOTFILE 1 S3off 1ST "C:\Lakes\AERMOD
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View\Compass\Const_r\CONST_R.AD\PE00GALL.PLT" 38
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   PLOTFILE PERIOD S1off "C:\Lakes\AERMOD
View\Compass\Const_r\CONST_R.AD\PE00G002.PLT" 40
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View\Compass\Const_r\CONST_R.AD\PE00G006.PLT" 44
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OU FINISHED
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** Project Parameters
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** PROJCTN  CoordinateSystemUTM
** DESCPTN  UTM: Universal Transverse Mercator
** DATUM    World Geodetic System 1984
** DTMRGN   Global Definition
** UNITS    m
** ZONE     11
** ZONEINX  0
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** Lakes Environmental AERMOD MPI
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** AERMOD INPUT PRODUCED BY:
** AERMOD VIEW VER. 12.0.0
** LAKES ENVIRONMENTAL SOFTWARE INC.
** DATE: 3/8/2024
** FILE: C:\LAKES\AERMOD VIEW\COMPASS\CONST_R\CONST_R.ADI
**
**************************************
**
**
**************************************
** AERMOD CONTROL PATHWAY
**************************************
**
**
CO STARTING
   TITLEONE COMPASS CONSTRUCTION
   MODELOPT DFAULT CONC
   AVERTIME 1 PERIOD
   URBANOPT 2189641
   POLLUTID PM_10
   RUNORNOT RUN
   ERRORFIL CONST_R.ERR
CO FINISHED
**
**************************************
** AERMOD SOURCE PATHWAY
**************************************
**
**
SO STARTING
** SOURCE LOCATION **
** SOURCE ID - TYPE - X COORD. - Y COORD. **
** ------------------------------------------------------------------
** LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES
** LINE VOLUME SOURCE ID = SLINE1
** DESCRSRC S1 HAUL
** PREFIX
** LENGTH OF SIDE = 8.70
** CONFIGURATION = ADJACENT
** EMISSION RATE = 1.0
** VERTICAL DIMENSION = 6.12
** SZINIT = 2.85
** NODES = 3
** 479684.783, 3732983.310, 448.04, 3.06, 4.05
** 479678.903, 3733692.249, 435.86, 3.06, 4.05
** 482333.316, 3733682.189, 439.33, 3.06, 4.05
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   LOCATION L0029917     VOLUME   479684.531 3733013.759 447.66
   LOCATION L0029918     VOLUME   479684.458 3733022.458 447.54
   LOCATION L0029919     VOLUME   479684.386 3733031.158 447.40
   LOCATION L0029920     VOLUME   479684.314 3733039.858 447.25
   LOCATION L0029921     VOLUME   479684.242 3733048.557 447.11
   LOCATION L0029922     VOLUME   479684.170 3733057.257 446.96
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LOCATION L0029982 VOLUME 479679.840 3733579.239 437.14
LOCATION L0029983 VOLUME 479679.768 3733587.939 437.02
LOCATION L0029984 VOLUME 479679.696 3733596.638 436.91
LOCATION L0029985 VOLUME 479679.624 3733605.338 436.79
LOCATION L0029986 VOLUME 479679.552 3733614.038 436.68
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** END OF LINE VOLUME SOURCE ID = SLINE1
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** LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES
** LINE VOLUME SOURCE ID = SLINE2
** DESCRSRC S2 HAUL
** PREFIX
** LENGTH OF SIDE = 8.70
** CONFIGURATION = ADJACENT
** EMISSION RATE = 1.0
** VERTICAL DIMENSION = 6.12
** SZINIT = 2.85
** NODES = 3
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** END OF LINE VOLUME SOURCE ID = SLINE2
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** LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES
** LINE VOLUME SOURCE ID = SLINE3
** DESCRSRC S3 HAUL
** PREFIX
** LENGTH OF SIDE = 8.70
** CONFIGURATION = ADJACENT
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** VERTICAL DIMENSION = 6.12
** SZINIT = 2.85
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** LINE VOLUME SOURCE ID = SLINE4
** DESCRSRC S1 ONSITE
** PREFIX
** LENGTH OF SIDE = 12.00
** CONFIGURATION = ADJACENT
** EMISSION RATE = 1.0
** VERTICAL DIMENSION = 7.65
** SZINIT = 3.56
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   LOCATION L0031429     VOLUME   479647.190 3733022.795 447.97
   LOCATION L0031430     VOLUME   479647.222 3733010.795 448.19
   LOCATION L0031431     VOLUME   479647.255 3732998.796 448.41
   LOCATION L0031432     VOLUME   479647.287 3732986.796 448.61
   LOCATION L0031433     VOLUME   479656.324 3732983.895 448.55
   LOCATION L0031434     VOLUME   479668.324 3732983.988 448.36
   LOCATION L0031435     VOLUME   479671.315 3732992.898 448.18
   LOCATION L0031436     VOLUME   479671.149 3733004.897 448.00
   LOCATION L0031437     VOLUME   479670.984 3733016.896 447.81
   LOCATION L0031438     VOLUME   479670.818 3733028.895 447.61
   LOCATION L0031439     VOLUME   479670.652 3733040.894 447.40
   LOCATION L0031440     VOLUME   479670.487 3733052.893 447.19
   LOCATION L0031441     VOLUME   479670.321 3733064.891 446.97
   LOCATION L0031442     VOLUME   479670.156 3733076.890 446.74
** END OF LINE VOLUME SOURCE ID = SLINE4
** ----------------------------------------------------------------
** LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES
** LINE VOLUME SOURCE ID = SLINE5
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```
** DESCRSRC S2 ONSITE
** PREFIX
** LENGTH OF SIDE = 12.00
** CONFIGURATION = ADJACENT
** EMISSION RATE = 1.0
** VERTICAL DIMENSION = 7.65
** SZINIT = 3.56
** NODES = 10
** 479670.623, 3733478.670, 438.86, 3.82, 5.58
** 479491.926, 3733479.160, 438.77, 3.82, 5.58
** 479490.691, 3733458.135, 439.29, 3.82, 5.58
** 479667.247, 3733459.117, 439.42, 3.82, 5.58
** 479668.002, 3733436.776, 440.00, 3.82, 5.58
** 479489.418, 3733439.032, 439.70, 3.82, 5.58
** 479490.186, 3733417.202, 439.96, 3.82, 5.58
** 479665.769, 3733418.769, 440.24, 3.82, 5.58
** 479666.045, 3733398.051, 440.87, 3.82, 5.58
** 479490.961, 3733398.901, 440.41, 3.82, 5.58
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   LOCATION L0031476     VOLUME   479664.623 3733478.687 438.96
   LOCATION L0031477     VOLUME   479652.623 3733478.719 439.02
   LOCATION L0031478     VOLUME   479640.623 3733478.752 439.08
   LOCATION L0031479     VOLUME   479628.623 3733478.785 439.13
   LOCATION L0031480     VOLUME   479616.623 3733478.818 439.17
   LOCATION L0031481     VOLUME   479604.623 3733478.851 439.20
   LOCATION L0031482     VOLUME   479592.623 3733478.884 439.22
   LOCATION L0031483     VOLUME   479580.623 3733478.917 439.22
   LOCATION L0031484     VOLUME   479568.623 3733478.950 439.14
   LOCATION L0031485     VOLUME   479556.623 3733478.983 439.07
   LOCATION L0031486     VOLUME   479544.623 3733479.015 439.00
   LOCATION L0031487     VOLUME   479532.623 3733479.048 438.93
   LOCATION L0031488     VOLUME   479520.623 3733479.081 438.88
   LOCATION L0031489     VOLUME   479508.624 3733479.114 438.83
   LOCATION L0031490     VOLUME   479496.624 3733479.147 438.84
   LOCATION L0031491     VOLUME   479491.498 3733471.870 438.98
   LOCATION L0031492     VOLUME   479490.794 3733459.891 439.20
   LOCATION L0031493     VOLUME   479500.932 3733458.192 439.20
   LOCATION L0031494     VOLUME   479512.932 3733458.258 439.21
   LOCATION L0031495     VOLUME   479524.932 3733458.325 439.25
   LOCATION L0031496     VOLUME   479536.931 3733458.392 439.30
   LOCATION L0031497     VOLUME   479548.931 3733458.459 439.36
   LOCATION L0031498     VOLUME   479560.931 3733458.526 439.43
   LOCATION L0031499     VOLUME   479572.931 3733458.592 439.53
   LOCATION L0031500     VOLUME   479584.931 3733458.659 439.61
   LOCATION L0031501     VOLUME   479596.930 3733458.726 439.57
   LOCATION L0031502     VOLUME   479608.930 3733458.793 439.54
   LOCATION L0031503     VOLUME   479620.930 3733458.859 439.50
   LOCATION L0031504     VOLUME   479632.930 3733458.926 439.47
   LOCATION L0031505     VOLUME   479644.930 3733458.993 439.43
   LOCATION L0031506     VOLUME   479656.930 3733459.060 439.39
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LOCATION L0031507 VOLUME 479667.304 3733457.435 439.38
LOCATION L0031508 VOLUME 479667.709 3733445.442 439.67
LOCATION L0031509 VOLUME 479664.674 3733436.818 439.88
LOCATION L0031510 VOLUME 479652.675 3733436.970 439.92
LOCATION L0031511 VOLUME 479640.675 3733437.121 439.94
LOCATION L0031512 VOLUME 479628.676 3733437.273 439.98
LOCATION L0031513 VOLUME 479616.677 3733437.425 440.02
LOCATION L0031514 VOLUME 479604.678 3733437.576 440.04
LOCATION L0031515 VOLUME 479592.679 3733437.728 440.02
LOCATION L0031516 VOLUME 479580.680 3733437.879 439.98
LOCATION L0031517 VOLUME 479568.681 3733438.031 439.87
LOCATION L0031518 VOLUME 479556.682 3733438.182 439.76
LOCATION L0031519 VOLUME 479544.683 3733438.334 439.69
LOCATION L0031520 VOLUME 479532.684 3733438.486 439.63
LOCATION L0031521 VOLUME 479520.685 3733438.637 439.60
LOCATION L0031522 VOLUME 479508.686 3733438.789 439.58
LOCATION L0031523 VOLUME 479496.687 3733438.940 439.59
LOCATION L0031524 VOLUME 479489.584 3733434.305 439.68
LOCATION L0031525 VOLUME 479490.006 3733422.313 439.91
LOCATION L0031526 VOLUME 479497.072 3733417.263 440.00
LOCATION L0031527 VOLUME 479509.071 3733417.370 440.01
LOCATION L0031528 VOLUME 479521.071 3733417.477 440.02
LOCATION L0031529 VOLUME 479533.071 3733417.585 440.03
LOCATION L0031530 VOLUME 479545.070 3733417.692 440.09
LOCATION L0031531 VOLUME 479557.070 3733417.799 440.14
LOCATION L0031532 VOLUME 479569.069 3733417.906 440.24
LOCATION L0031533 VOLUME 479581.069 3733418.013 440.35
LOCATION L0031534 VOLUME 479593.068 3733418.120 440.41
LOCATION L0031535 VOLUME 479605.068 3733418.227 440.45
LOCATION L0031536 VOLUME 479617.067 3733418.334 440.44
LOCATION L0031537 VOLUME 479629.067 3733418.441 440.40
LOCATION L0031538 VOLUME 479641.066 3733418.548 440.37
LOCATION L0031539 VOLUME 479653.066 3733418.656 440.34
LOCATION L0031540 VOLUME 479665.065 3733418.763 440.31
LOCATION L0031541 VOLUME 479665.920 3733407.474 440.57
LOCATION L0031542 VOLUME 479663.470 3733398.063 440.80
LOCATION L0031543 VOLUME 479651.470 3733398.122 440.82
LOCATION L0031544 VOLUME 479639.470 3733398.180 440.82
LOCATION L0031545 VOLUME 479627.470 3733398.238 440.82
LOCATION L0031546 VOLUME 479615.470 3733398.296 440.84
LOCATION L0031547 VOLUME 479603.470 3733398.355 440.82
LOCATION L0031548 VOLUME 479591.470 3733398.413 440.77
LOCATION L0031549 VOLUME 479579.471 3733398.471 440.70
LOCATION L0031550 VOLUME 479567.471 3733398.530 440.59
LOCATION L0031551 VOLUME 479555.471 3733398.588 440.50
LOCATION L0031552 VOLUME 479543.471 3733398.646 440.46
LOCATION L0031553 VOLUME 479531.471 3733398.704 440.42
LOCATION L0031554 VOLUME 479519.471 3733398.763 440.40
LOCATION L0031555 VOLUME 479507.471 3733398.821 440.37
LOCATION L0031556 VOLUME 479495.472 3733398.879 440.35

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** END OF LINE VOLUME SOURCE ID = SLINE5
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** LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES
** LINE VOLUME SOURCE ID = SLINE6
** DESCRSRC S3 ONSITE
** PREFIX
** LENGTH OF SIDE = 12.00
** CONFIGURATION = ADJACENT
** EMISSION RATE = 1.0
** VERTICAL DIMENSION = 7.65
** SZINIT = 3.56
** NODES = 15
** 481702.692, 3733530.517, 432.99, 3.82, 5.58
** 481857.023, 3733530.715, 432.42, 3.82, 5.58
** 481857.532, 3733551.831, 431.92, 3.82, 5.58
** 481706.520, 3733551.947, 432.89, 3.82, 5.58
** 481705.259, 3733572.942, 432.88, 3.82, 5.58
** 481858.157, 3733571.359, 431.79, 3.82, 5.58
** 481854.575, 3733593.233, 432.18, 3.82, 5.58
** 481705.916, 3733593.609, 432.93, 3.82, 5.58
** 481705.858, 3733616.870, 432.95, 3.82, 5.58
** 481848.595, 3733613.237, 433.13, 3.82, 5.58
** 481839.566, 3733636.377, 433.31, 3.82, 5.58
** 481707.017, 3733637.606, 432.99, 3.82, 5.58
** 481707.853, 3733658.922, 433.12, 3.82, 5.58
** 481769.927, 3733657.802, 433.30, 3.82, 5.58
** 481839.827, 3733656.083, 433.38, 3.82, 5.58
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   LOCATION L0031558     VOLUME   481720.692 3733530.540 432.91
   LOCATION L0031559     VOLUME   481732.692 3733530.555 432.94
   LOCATION L0031560     VOLUME   481744.692 3733530.571 432.97
   LOCATION L0031561     VOLUME   481756.692 3733530.586 432.98
   LOCATION L0031562     VOLUME   481768.692 3733530.602 433.00
   LOCATION L0031563     VOLUME   481780.692 3733530.617 433.02
   LOCATION L0031564     VOLUME   481792.692 3733530.632 433.04
   LOCATION L0031565     VOLUME   481804.692 3733530.648 433.07
   LOCATION L0031566     VOLUME   481816.692 3733530.663 433.10
   LOCATION L0031567     VOLUME   481828.692 3733530.679 433.14
   LOCATION L0031568     VOLUME   481840.692 3733530.694 433.17
   LOCATION L0031569     VOLUME   481852.692 3733530.709 432.97
   LOCATION L0031570     VOLUME   481857.208 3733538.382 432.76
   LOCATION L0031571     VOLUME   481857.497 3733550.378 432.74
   LOCATION L0031572     VOLUME   481846.986 3733551.839 433.21
   LOCATION L0031573     VOLUME   481834.986 3733551.848 433.16
   LOCATION L0031574     VOLUME   481822.986 3733551.858 433.12
   LOCATION L0031575     VOLUME   481810.986 3733551.867 433.08
   LOCATION L0031576     VOLUME   481798.986 3733551.876 433.04
   LOCATION L0031577     VOLUME   481786.986 3733551.885 433.01
   LOCATION L0031578     VOLUME   481774.986 3733551.895 432.99
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LOCATION L0031579 VOLUME 481762.986 3733551.904 432.97
LOCATION L0031580 VOLUME 481750.986 3733551.913 432.95
LOCATION L0031581 VOLUME 481738.986 3733551.922 432.93
LOCATION L0031582 VOLUME 481726.986 3733551.932 432.91
LOCATION L0031583 VOLUME 481714.986 3733551.941 432.92
LOCATION L0031584 VOLUME 481706.308 3733555.475 432.99
LOCATION L0031585 VOLUME 481705.589 3733567.453 432.99
LOCATION L0031586 VOLUME 481711.761 3733572.875 432.94
LOCATION L0031587 VOLUME 481723.760 3733572.751 432.89
LOCATION L0031588 VOLUME 481735.759 3733572.626 432.92
LOCATION L0031589 VOLUME 481747.759 3733572.502 432.94
LOCATION L0031590 VOLUME 481759.758 3733572.378 432.96
LOCATION L0031591 VOLUME 481771.757 3733572.253 432.97
LOCATION L0031592 VOLUME 481783.757 3733572.129 433.00
LOCATION L0031593 VOLUME 481795.756 3733572.005 433.03
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LOCATION L0031596 VOLUME 481831.754 3733571.632 433.16
LOCATION L0031597 VOLUME 481843.753 3733571.508 433.20
LOCATION L0031598 VOLUME 481855.753 3733571.384 432.80
LOCATION L0031599 VOLUME 481856.607 3733580.828 432.71
LOCATION L0031600 VOLUME 481854.668 3733592.670 432.76
LOCATION L0031601 VOLUME 481843.146 3733593.262 433.22
LOCATION L0031602 VOLUME 481831.146 3733593.292 433.20
LOCATION L0031603 VOLUME 481819.146 3733593.323 433.17
LOCATION L0031604 VOLUME 481807.146 3733593.353 433.11
LOCATION L0031605 VOLUME 481795.146 3733593.383 433.05
LOCATION L0031606 VOLUME 481783.146 3733593.414 433.01
LOCATION L0031607 VOLUME 481771.146 3733593.444 432.98
LOCATION L0031608 VOLUME 481759.146 3733593.475 432.96
LOCATION L0031609 VOLUME 481747.146 3733593.505 432.93
LOCATION L0031610 VOLUME 481735.146 3733593.535 432.90
LOCATION L0031611 VOLUME 481723.146 3733593.566 432.87
LOCATION L0031612 VOLUME 481711.146 3733593.596 432.93
LOCATION L0031613 VOLUME 481705.899 3733600.380 432.96
LOCATION L0031614 VOLUME 481705.869 3733612.379 432.96
LOCATION L0031615 VOLUME 481713.366 3733616.678 432.91
LOCATION L0031616 VOLUME 481725.362 3733616.373 432.88
LOCATION L0031617 VOLUME 481737.358 3733616.068 432.92
LOCATION L0031618 VOLUME 481749.354 3733615.762 432.96
LOCATION L0031619 VOLUME 481761.350 3733615.457 432.99
LOCATION L0031620 VOLUME 481773.346 3733615.152 433.03
LOCATION L0031621 VOLUME 481785.342 3733614.847 433.07
LOCATION L0031622 VOLUME 481797.339 3733614.541 433.12
LOCATION L0031623 VOLUME 481809.335 3733614.236 433.19
LOCATION L0031624 VOLUME 481821.331 3733613.931 433.26
LOCATION L0031625 VOLUME 481833.327 3733613.625 433.26
LOCATION L0031626 VOLUME 481845.323 3733613.320 433.26
LOCATION L0031627 VOLUME 481845.423 3733621.366 433.29
LOCATION L0031628 VOLUME 481841.061 3733632.546 433.34

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   LOCATION L0031629     VOLUME   481831.680 3733636.451 433.37
   LOCATION L0031630     VOLUME   481819.680 3733636.562 433.37
   LOCATION L0031631     VOLUME   481807.681 3733636.673 433.31
   LOCATION L0031632     VOLUME   481795.681 3733636.784 433.25
   LOCATION L0031633     VOLUME   481783.682 3733636.895 433.19
   LOCATION L0031634     VOLUME   481771.682 3733637.007 433.13
   LOCATION L0031635     VOLUME   481759.683 3733637.118 433.07
   LOCATION L0031636     VOLUME   481747.683 3733637.229 433.01
   LOCATION L0031637     VOLUME   481735.684 3733637.340 432.97
   LOCATION L0031638     VOLUME   481723.684 3733637.451 432.92
   LOCATION L0031639     VOLUME   481711.685 3733637.563 432.97
   LOCATION L0031640     VOLUME   481707.304 3733644.932 433.04
   LOCATION L0031641     VOLUME   481707.775 3733656.923 433.10
   LOCATION L0031642     VOLUME   481717.851 3733658.741 433.08
   LOCATION L0031643     VOLUME   481729.849 3733658.525 433.11
   LOCATION L0031644     VOLUME   481741.847 3733658.309 433.16
   LOCATION L0031645     VOLUME   481753.845 3733658.092 433.20
   LOCATION L0031646     VOLUME   481765.843 3733657.876 433.25
   LOCATION L0031647     VOLUME   481777.840 3733657.608 433.29
   LOCATION L0031648     VOLUME   481789.837 3733657.312 433.31
   LOCATION L0031649     VOLUME   481801.833 3733657.017 433.34
   LOCATION L0031650     VOLUME   481813.830 3733656.722 433.36
   LOCATION L0031651     VOLUME   481825.826 3733656.427 433.38
   LOCATION L0031652     VOLUME   481837.822 3733656.132 433.37
** END OF LINE VOLUME SOURCE ID = SLINE6
** SOURCE PARAMETERS **
** LINE VOLUME SOURCE ID = SLINE1
   SRCPARAM L0029914     0.0025839793      3.06      4.05      2.85
   SRCPARAM L0029915     0.0025839793      3.06      4.05      2.85
   SRCPARAM L0029916     0.0025839793      3.06      4.05      2.85
   SRCPARAM L0029917     0.0025839793      3.06      4.05      2.85
   SRCPARAM L0029918     0.0025839793      3.06      4.05      2.85
   SRCPARAM L0029919     0.0025839793      3.06      4.05      2.85
   SRCPARAM L0029920     0.0025839793      3.06      4.05      2.85
   SRCPARAM L0029921     0.0025839793      3.06      4.05      2.85
   SRCPARAM L0029922     0.0025839793      3.06      4.05      2.85
   SRCPARAM L0029923     0.0025839793      3.06      4.05      2.85
   SRCPARAM L0029924     0.0025839793      3.06      4.05      2.85
   SRCPARAM L0029925     0.0025839793      3.06      4.05      2.85
   SRCPARAM L0029926     0.0025839793      3.06      4.05      2.85
   SRCPARAM L0029927     0.0025839793      3.06      4.05      2.85
   SRCPARAM L0029928     0.0025839793      3.06      4.05      2.85
   SRCPARAM L0029929     0.0025839793      3.06      4.05      2.85
   SRCPARAM L0029930     0.0025839793      3.06      4.05      2.85
   SRCPARAM L0029931     0.0025839793      3.06      4.05      2.85
   SRCPARAM L0029932     0.0025839793      3.06      4.05      2.85
   SRCPARAM L0029933     0.0025839793      3.06      4.05      2.85
   SRCPARAM L0029934     0.0025839793      3.06      4.05      2.85
   SRCPARAM L0029935     0.0025839793      3.06      4.05      2.85
   SRCPARAM L0029936     0.0025839793      3.06      4.05      2.85
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SRCPARAM L0029937     0.0025839793      3.06      4.05      2.85
SRCPARAM L0029938     0.0025839793      3.06      4.05      2.85
SRCPARAM L0029939     0.0025839793      3.06      4.05      2.85
SRCPARAM L0029940     0.0025839793      3.06      4.05      2.85
SRCPARAM L0029941     0.0025839793      3.06      4.05      2.85
SRCPARAM L0029942     0.0025839793      3.06      4.05      2.85
SRCPARAM L0029943     0.0025839793      3.06      4.05      2.85
SRCPARAM L0029944     0.0025839793      3.06      4.05      2.85
SRCPARAM L0029945     0.0025839793      3.06      4.05      2.85
SRCPARAM L0029946     0.0025839793      3.06      4.05      2.85
SRCPARAM L0029947     0.0025839793      3.06      4.05      2.85
SRCPARAM L0029948     0.0025839793      3.06      4.05      2.85
SRCPARAM L0029949     0.0025839793      3.06      4.05      2.85
SRCPARAM L0029950     0.0025839793      3.06      4.05      2.85
SRCPARAM L0029951     0.0025839793      3.06      4.05      2.85
SRCPARAM L0029952     0.0025839793      3.06      4.05      2.85
SRCPARAM L0029953     0.0025839793      3.06      4.05      2.85
SRCPARAM L0029954     0.0025839793      3.06      4.05      2.85
SRCPARAM L0029955     0.0025839793      3.06      4.05      2.85
SRCPARAM L0029956     0.0025839793      3.06      4.05      2.85
SRCPARAM L0029957     0.0025839793      3.06      4.05      2.85
SRCPARAM L0029958     0.0025839793      3.06      4.05      2.85
SRCPARAM L0029959     0.0025839793      3.06      4.05      2.85
SRCPARAM L0029960     0.0025839793      3.06      4.05      2.85
SRCPARAM L0029961     0.0025839793      3.06      4.05      2.85
SRCPARAM L0029962     0.0025839793      3.06      4.05      2.85
SRCPARAM L0029963     0.0025839793      3.06      4.05      2.85
SRCPARAM L0029964     0.0025839793      3.06      4.05      2.85
SRCPARAM L0029965     0.0025839793      3.06      4.05      2.85
SRCPARAM L0029966     0.0025839793      3.06      4.05      2.85
SRCPARAM L0029967     0.0025839793      3.06      4.05      2.85
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SRCPARAM L0029969     0.0025839793      3.06      4.05      2.85
SRCPARAM L0029970     0.0025839793      3.06      4.05      2.85
SRCPARAM L0029971     0.0025839793      3.06      4.05      2.85
SRCPARAM L0029972     0.0025839793      3.06      4.05      2.85
SRCPARAM L0029973     0.0025839793      3.06      4.05      2.85
SRCPARAM L0029974     0.0025839793      3.06      4.05      2.85
SRCPARAM L0029975     0.0025839793      3.06      4.05      2.85
SRCPARAM L0029976     0.0025839793      3.06      4.05      2.85
SRCPARAM L0029977     0.0025839793      3.06      4.05      2.85
SRCPARAM L0029978     0.0025839793      3.06      4.05      2.85
SRCPARAM L0029979     0.0025839793      3.06      4.05      2.85
SRCPARAM L0029980     0.0025839793      3.06      4.05      2.85
SRCPARAM L0029981     0.0025839793      3.06      4.05      2.85
SRCPARAM L0029982     0.0025839793      3.06      4.05      2.85
SRCPARAM L0029983     0.0025839793      3.06      4.05      2.85
SRCPARAM L0029984     0.0025839793      3.06      4.05      2.85
SRCPARAM L0029985     0.0025839793      3.06      4.05      2.85
SRCPARAM L0029986     0.0025839793      3.06      4.05      2.85
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** LINE VOLUME SOURCE ID = SLINE4
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SRCPARAM L0031337     0.0049261084      3.82      5.58      3.56
SRCPARAM L0031338     0.0049261084      3.82      5.58      3.56
SRCPARAM L0031339     0.0049261084      3.82      5.58      3.56
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SRCPARAM L0031342     0.0049261084      3.82      5.58      3.56
SRCPARAM L0031343     0.0049261084      3.82      5.58      3.56
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SRCPARAM L0031389     0.0049261084      3.82      5.58      3.56
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SRCPARAM L0031414     0.0049261084      3.82      5.58      3.56
SRCPARAM L0031415     0.0049261084      3.82      5.58      3.56
SRCPARAM L0031416     0.0049261084      3.82      5.58      3.56
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SRCPARAM L0031433     0.0049261084      3.82      5.58      3.56
SRCPARAM L0031434     0.0049261084      3.82      5.58      3.56
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   SRCPARAM L0031440     0.0049261084      3.82      5.58      3.56
   SRCPARAM L0031441     0.0049261084      3.82      5.58      3.56
   SRCPARAM L0031442     0.0049261084      3.82      5.58      3.56
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   SRCPARAM L0031481     0.012345679      3.82      5.58      3.56
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   SRCPARAM L0031486     0.012345679      3.82      5.58      3.56
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   SRCPARAM L0031490     0.012345679      3.82      5.58      3.56
   SRCPARAM L0031491     0.012345679      3.82      5.58      3.56
   SRCPARAM L0031492     0.012345679      3.82      5.58      3.56
   SRCPARAM L0031493     0.012345679      3.82      5.58      3.56
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   SRCPARAM L0031518     0.012345679      3.82      5.58      3.56
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   SRCPARAM L0031528     0.012345679      3.82      5.58      3.56
   SRCPARAM L0031529     0.012345679      3.82      5.58      3.56
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   SRCPARAM L0031534     0.012345679      3.82      5.58      3.56
   SRCPARAM L0031535     0.012345679      3.82      5.58      3.56
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SRCPARAM L0031577     0.0104166667      3.82      5.58      3.56
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SRCPARAM L0031580     0.0104166667      3.82      5.58      3.56
SRCPARAM L0031581     0.0104166667      3.82      5.58      3.56
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   SRCPARAM L0031647     0.0104166667      3.82      5.58      3.56
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   SRCPARAM L0031650     0.0104166667      3.82      5.58      3.56
   SRCPARAM L0031651     0.0104166667      3.82      5.58      3.56
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** ------------------------------------------------------------------
   URBANSRC ALL

** VARIABLE EMISSIONS TYPE: "BY HOUR / DAY (HRDOW)"
** VARIABLE EMISSION SCENARIO: "SCENARIO 1"
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** SATURDAY:
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   EMISFACT L0029914     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0029915     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0030290     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0030290     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0030290     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0030291     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0030291     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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** SUNDAY:
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   EMISFACT L0029915     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0030290     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0030290     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0030616     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
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   EMISFACT L0030637     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0030637     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0030637     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0030637     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0030638     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0030638     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0030638     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WEEKDAYS:
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   EMISFACT L0030639     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0030639     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0030702     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0030702     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
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   EMISFACT L0031440     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0031441     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0031441     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0031441     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0031442     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0031442     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0031442     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0031442     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WEEKDAYS:
   EMISFACT L0031476     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0031476     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0031476     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0031476     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0031477     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0031477     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0031477     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
   EMISFACT L0031477     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0031540     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0031626     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0031626     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0031626     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT L0031626     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0031627     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0031627     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0031627     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
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EMISFACT L0031629     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
EMISFACT L0031629     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0031630     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0031630     HRDOW 0.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0031630     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
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EMISFACT L0031640     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0031652     HRDOW 1.0 1.0 1.0 0.0 0.0 0.0
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   EMISFACT L0031568     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0031568     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0031581     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0031593     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0031622     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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SRCGROUP S2OFF    L0030451 L0030452 L0030453 L0030454 L0030455 L0030456
SRCGROUP S2OFF    L0030457 L0030458 L0030459 L0030460 L0030461 L0030462
SRCGROUP S2OFF    L0030463 L0030464 L0030465 L0030466 L0030467 L0030468
SRCGROUP S2OFF    L0030469 L0030470 L0030471 L0030472 L0030473 L0030474
SRCGROUP S2OFF    L0030475 L0030476 L0030477 L0030478 L0030479 L0030480
SRCGROUP S2OFF    L0030481 L0030482 L0030483 L0030484 L0030485 L0030486
SRCGROUP S2OFF    L0030487 L0030488 L0030489 L0030490 L0030491 L0030492
SRCGROUP S2OFF    L0030493 L0030494 L0030495 L0030496 L0030497 L0030498
SRCGROUP S2OFF    L0030499 L0030500 L0030501 L0030502 L0030503 L0030504
SRCGROUP S2OFF    L0030505 L0030506 L0030507 L0030508 L0030509 L0030510
SRCGROUP S2OFF    L0030511 L0030512 L0030513 L0030514 L0030515 L0030516
SRCGROUP S2OFF    L0030517 L0030518 L0030519 L0030520 L0030521 L0030522
SRCGROUP S2OFF    L0030523 L0030524 L0030525 L0030526 L0030527 L0030528
SRCGROUP S2OFF    L0030529 L0030530 L0030531 L0030532 L0030533 L0030534
SRCGROUP S2OFF    L0030535 L0030536 L0030537 L0030538 L0030539 L0030540
SRCGROUP S2OFF    L0030541 L0030542 L0030543 L0030544 L0030545 L0030546
SRCGROUP S2OFF    L0030547 L0030548 L0030549 L0030550 L0030551 L0030552
SRCGROUP S2OFF    L0030553 L0030554 L0030555 L0030556 L0030557 L0030558
SRCGROUP S2OFF    L0030559 L0030560 L0030561 L0030562 L0030563 L0030564
SRCGROUP S2OFF    L0030565 L0030566 L0030567 L0030568 L0030569 L0030570
SRCGROUP S2OFF    L0030571 L0030572 L0030573 L0030574 L0030575 L0030576
SRCGROUP S2OFF    L0030577 L0030578 L0030579 L0030580 L0030581 L0030582
SRCGROUP S2OFF    L0030583 L0030584 L0030585 L0030586 L0030587 L0030588
SRCGROUP S2OFF    L0030589 L0030590 L0030591 L0030592 L0030593 L0030594
SRCGROUP S2OFF    L0030595 L0030596 L0030597 L0030598 L0030599 L0030600
SRCGROUP S2OFF    L0030601 L0030602 L0030603 L0030604 L0030605 L0030606
SRCGROUP S2OFF    L0030607 L0030608 L0030609 L0030610 L0030611 L0030612
SRCGROUP S2OFF    L0030613 L0030614 L0030615 L0030616 L0030617 L0030618
SRCGROUP S2OFF    L0030619 L0030620 L0030621 L0030622 L0030623 L0030624
SRCGROUP S2OFF    L0030625 L0030626 L0030627 L0030628 L0030629 L0030630
SRCGROUP S2OFF    L0030631 L0030632 L0030633 L0030634 L0030635 L0030636
SRCGROUP S2OFF    L0030637 L0030638
SRCGROUP S3ON     L0030639 L0030640 L0030641 L0030642 L0030643 L0030644
SRCGROUP S3ON     L0030645 L0030646 L0030647 L0030648 L0030649 L0030650
SRCGROUP S3ON     L0030651 L0030652 L0030653 L0030654 L0030655 L0030656
SRCGROUP S3ON     L0030657 L0030658 L0030659 L0030660 L0030661 L0030662
SRCGROUP S3ON     L0030663 L0030664 L0030665 L0030666 L0030667 L0030668
SRCGROUP S3ON     L0030669 L0030670 L0030671 L0030672 L0030673 L0030674
SRCGROUP S3ON     L0030675 L0030676 L0030677 L0030678 L0030679 L0030680
SRCGROUP S3ON     L0030681 L0030682 L0030683 L0030684 L0030685 L0030686
SRCGROUP S3ON     L0030687 L0030688 L0030689 L0030690 L0030691 L0030692
```

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   SRCGROUP S3ON     L0030693 L0030694 L0030695 L0030696 L0030697 L0030698
   SRCGROUP S3ON     L0030699 L0030700 L0030701 L0030702 L0030703 L0030704
   SRCGROUP S3ON     L0030705 L0030706 L0030707 L0030708 L0030709 L0030710
   SRCGROUP S3ON     L0030711 L0030712 L0030713 L0030714 L0030715 L0030716
   SRCGROUP S3ON     L0030717 L0030718 L0030719 L0030720 L0030721 L0030722
   SRCGROUP S3ON     L0030723 L0030724 L0030725 L0030726 L0030727 L0030728
   SRCGROUP S3ON     L0030729 L0030730
   SRCGROUP S3OFF    L0031557 L0031558 L0031559 L0031560 L0031561 L0031562
   SRCGROUP S3OFF    L0031563 L0031564 L0031565 L0031566 L0031567 L0031568
   SRCGROUP S3OFF    L0031569 L0031570 L0031571 L0031572 L0031573 L0031574
   SRCGROUP S3OFF    L0031575 L0031576 L0031577 L0031578 L0031579 L0031580
   SRCGROUP S3OFF    L0031581 L0031582 L0031583 L0031584 L0031585 L0031586
   SRCGROUP S3OFF    L0031587 L0031588 L0031589 L0031590 L0031591 L0031592
   SRCGROUP S3OFF    L0031593 L0031594 L0031595 L0031596 L0031597 L0031598
   SRCGROUP S3OFF    L0031599 L0031600 L0031601 L0031602 L0031603 L0031604
   SRCGROUP S3OFF    L0031605 L0031606 L0031607 L0031608 L0031609 L0031610
   SRCGROUP S3OFF    L0031611 L0031612 L0031613 L0031614 L0031615 L0031616
   SRCGROUP S3OFF    L0031617 L0031618 L0031619 L0031620 L0031621 L0031622
   SRCGROUP S3OFF    L0031623 L0031624 L0031625 L0031626 L0031627 L0031628
   SRCGROUP S3OFF    L0031629 L0031630 L0031631 L0031632 L0031633 L0031634
   SRCGROUP S3OFF    L0031635 L0031636 L0031637 L0031638 L0031639 L0031640
   SRCGROUP S3OFF    L0031641 L0031642 L0031643 L0031644 L0031645 L0031646
   SRCGROUP S3OFF    L0031647 L0031648 L0031649 L0031650 L0031651 L0031652
   SRCGROUP ALL
SO FINISHED
**
**************************************
** AERMOD RECEPTOR PATHWAY
**************************************
**
**
RE STARTING
   INCLUDED CONST_R.ROU
RE FINISHED
**
**************************************
** AERMOD METEOROLOGY PATHWAY
**************************************
**
**
ME STARTING
** SURFACE FILE PATH: C:\LAKES\AERMOD VIEW\COMPASS\CONST_R\PERI_V9_ADJU\
   SURFFILE PERI_V9_ADJU\PERI_V9.SFC
** PROFILE FILE PATH: C:\LAKES\AERMOD VIEW\COMPASS\CONST_R\PERI_V9_ADJU\
   PROFFILE PERI_V9_ADJU\PERI_V9.PFL
   SURFDATA 3171 2010
   UAIRDATA 3190 2010
   SITEDATA 99999 2010
   PROFBASE 442.0 METERS
ME FINISHED
```

```
**
**************************************
** AERMOD OUTPUT PATHWAY
**************************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST
   RECTABLE 1 1ST
** AUTO-GENERATED PLOTFILES
   PLOTFILE   1 ALL 1ST "C:\LAKES\AERMOD
VIEW\COMPASS\CONST_R\CONST_R.AD\01H1GALL.PLT" 31
   PLOTFILE   1 S1ON 1ST "C:\LAKES\AERMOD
VIEW\COMPASS\CONST_R\CONST_R.AD\01H1G001.PLT" 32
   PLOTFILE   1 S1OFF 1ST "C:\LAKES\AERMOD
VIEW\COMPASS\CONST_R\CONST_R.AD\01H1G002.PLT" 33
   PLOTFILE   1 S2ON 1ST "C:\LAKES\AERMOD
VIEW\COMPASS\CONST_R\CONST_R.AD\01H1G003.PLT" 34
   PLOTFILE   1 S2OFF 1ST "C:\LAKES\AERMOD
VIEW\COMPASS\CONST_R\CONST_R.AD\01H1G004.PLT" 35
   PLOTFILE   1 S3ON 1ST "C:\LAKES\AERMOD
VIEW\COMPASS\CONST_R\CONST_R.AD\01H1G005.PLT" 36
   PLOTFILE   1 S3OFF 1ST "C:\LAKES\AERMOD
VIEW\COMPASS\CONST_R\CONST_R.AD\01H1G006.PLT" 37
   PLOTFILE   PERIOD ALL "C:\LAKES\AERMOD
VIEW\COMPASS\CONST_R\CONST_R.AD\PE00GALL.PLT" 38
   PLOTFILE   PERIOD S1ON "C:\LAKES\AERMOD
VIEW\COMPASS\CONST_R\CONST_R.AD\PE00G001.PLT" 39
   PLOTFILE   PERIOD S1OFF "C:\LAKES\AERMOD
VIEW\COMPASS\CONST_R\CONST_R.AD\PE00G002.PLT" 40
   PLOTFILE   PERIOD S2ON "C:\LAKES\AERMOD
VIEW\COMPASS\CONST_R\CONST_R.AD\PE00G003.PLT" 41
   PLOTFILE   PERIOD S2OFF "C:\LAKES\AERMOD
VIEW\COMPASS\CONST_R\CONST_R.AD\PE00G004.PLT" 42
   PLOTFILE   PERIOD S3ON "C:\LAKES\AERMOD
VIEW\COMPASS\CONST_R\CONST_R.AD\PE00G005.PLT" 43
   PLOTFILE   PERIOD S3OFF "C:\LAKES\AERMOD
VIEW\COMPASS\CONST_R\CONST_R.AD\PE00G006.PLT" 44
   SUMMFILE "C:\LAKES\AERMOD VIEW\COMPASS\CONST_R\CONST_R.SUM"
OU FINISHED


  *** Message Summary For AERMOD Model Setup ***

  --------- Summary of Total Messages --------

 A Total of            0 Fatal Error Message(s)
 A Total of            2 Warning Message(s)
 A Total of            0 Informational Message(s)
```

```
   ******** FATAL ERROR MESSAGES ********
              ***  NONE  ***


   ********   WARNING MESSAGES   ********
 ME W186   17199       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
     0.50
 ME W187   17199       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET


 *********************************
 *** SETUP Finishes Successfully ***
 *********************************

 *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                           ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                           ***       17:22:37

                                    PAGE   1
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                              ***     MODEL SETUP OPTIONS SUMMARY
 ***
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - -

 ** Model Options Selected:
      * Model Uses Regulatory DEFAULT Options
      * Model Is Setup For Calculation of Average CONCentration Values.
      * NO GAS DEPOSITION Data Provided.
      * NO PARTICLE DEPOSITION Data Provided.
      * Model Uses NO DRY DEPLETION. DDPLETE  =  F
      * Model Uses NO WET DEPLETION. WETDPLT  =  F
      * Stack-tip Downwash.
      * Model Accounts for ELEVated Terrain Effects.
      * Use Calms Processing Routine.
      * Use Missing Data Processing Routine.
      * No Exponential Decay.
      * Model Uses URBAN Dispersion Algorithm for the SBL for  1197 Source(s),
        for Total of    1 Urban Area(s):
   Urban Population =   2189641.0 ;  Urban Roughness Length =  1.000 m
      * Urban Roughness Length of 1.0 Meter Used.
      * ADJ_U*   - Use ADJ_U* option for SBL in AERMET
      * CCVR_Sub - Meteorological data includes CCVR substitutions
      * TEMP_Sub - Meteorological data includes TEMP substitutions
      * Model Assumes No FLAGPOLE Receptor Heights.
      * The User Specified a Pollutant Type of: PM_10
```

```
 **Model Calculates  1 Short Term Average(s) of:   1-HR
     and Calculates PERIOD Averages

 **This Run Includes:   1197 Source(s);       7 Source Group(s); and    2559
Receptor(s)

                with:      0 POINT(s), including
                           0 POINTCAP(s) and      0 POINTHOR(s)
                 and:   1197 VOLUME source(s)
                 and:      0 AREA type source(s)
                 and:      0 LINE source(s)
                 and:      0 RLINE/RLINEXT source(s)
                 and:      0 OPENPIT source(s)
                 and:      0 BUOYANT LINE source(s) with a total of     0 line(s)
                 and:      0 SWPOINT source(s)


 **Model Set To Continue RUNning After the Setup Testing.

 **The AERMET Input Meteorological Data Version Date:  16216

 **Output Options Selected:
          Model Outputs Tables of PERIOD Averages by Receptor
          Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE
Keyword)
          Model Outputs External File(s) of High Values for Plotting (PLOTFILE
Keyword)
          Model Outputs Separate Summary File of High Ranked Values (SUMMFILE
Keyword)

 **NOTE:  The Following Flags May Appear Following CONC Values:  c for Calm Hours
                                                                 m for Missing Hours
                                                                 b for Both Calm and
Missing Hours

 **Misc. Inputs:  Base Elev. for Pot. Temp. Profile (m MSL) =   442.00 ;  Decay
Coef. =    0.000     ;  Rot. Angle =     0.0
                  Emission Units = GRAMS/SEC                                    ;
Emission Rate Unit Factor =   0.10000E+07
                  Output Units   = MICROGRAMS/M**3

 **Approximate Storage Requirements of Model =      5.7 MB of RAM.

 **Input Runstream File:          aermod.inp

 **Output Print File:             aermod.out


 **Detailed Error/Message File:   CONST_R.ERR
```

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER EMISSION RATE PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	AIRCRAFT EMISSION RATE SCALAR VARY BY
L0029914	0	0.25840E-02	479684.7	3732987.7	448.0	3.06	4.05	2.85	YES	HRDOW NO
L0029915	0	0.25840E-02	479684.7	3732996.4	447.9	3.06	4.05	2.85	YES	HRDOW NO
L0029916	0	0.25840E-02	479684.6	3733005.1	447.8	3.06	4.05	2.85	YES	HRDOW NO
L0029917	0	0.25840E-02	479684.5	3733013.8	447.7	3.06	4.05	2.85	YES	HRDOW NO
L0029918	0	0.25840E-02	479684.5	3733022.5	447.5	3.06	4.05	2.85	YES	HRDOW NO
L0029919	0	0.25840E-02	479684.4	3733031.2	447.4	3.06	4.05	2.85	YES	HRDOW NO
L0029920	0	0.25840E-02	479684.3	3733039.9	447.2	3.06	4.05	2.85	YES	HRDOW NO
L0029921	0	0.25840E-02	479684.2	3733048.6	447.1	3.06	4.05	2.85	YES	HRDOW NO
L0029922	0	0.25840E-02	479684.2	3733057.3	447.0	3.06	4.05	2.85	YES	HRDOW NO
L0029923	0	0.25840E-02	479684.1	3733066.0	446.8	3.06	4.05	2.85	YES	HRDOW NO
L0029924	0	0.25840E-02	479684.0	3733074.7	446.6	3.06	4.05	2.85	YES	HRDOW NO
L0029925	0	0.25840E-02	479684.0	3733083.4	446.5	3.06	4.05	2.85	YES	HRDOW NO
L0029926	0	0.25840E-02	479683.9	3733092.1	446.3	3.06	4.05	2.85	YES	HRDOW NO
L0029927	0	0.25840E-02	479683.8	3733100.8	446.2	3.06	4.05	2.85	YES	HRDOW NO

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 L0029928         0   0.25840E-02  479683.7 3733109.5   446.0     3.06     4.05
2.85     YES   HRDOW            NO
 L0029929         0   0.25840E-02  479683.7 3733118.2   445.9     3.06     4.05
2.85     YES   HRDOW            NO
 L0029930         0   0.25840E-02  479683.6 3733126.9   445.7     3.06     4.05
2.85     YES   HRDOW            NO
 L0029931         0   0.25840E-02  479683.5 3733135.6   445.6     3.06     4.05
2.85     YES   HRDOW            NO
 L0029932         0   0.25840E-02  479683.4 3733144.3   445.4     3.06     4.05
2.85     YES   HRDOW            NO
 L0029933         0   0.25840E-02  479683.4 3733153.0   445.2     3.06     4.05
2.85     YES   HRDOW            NO
 L0029934         0   0.25840E-02  479683.3 3733161.7   445.1     3.06     4.05
2.85     YES   HRDOW            NO
 L0029935         0   0.25840E-02  479683.2 3733170.4   444.9     3.06     4.05
2.85     YES   HRDOW            NO
 L0029936         0   0.25840E-02  479683.2 3733179.1   444.7     3.06     4.05
2.85     YES   HRDOW            NO
 L0029937         0   0.25840E-02  479683.1 3733187.8   444.5     3.06     4.05
2.85     YES   HRDOW            NO
 L0029938         0   0.25840E-02  479683.0 3733196.5   444.3     3.06     4.05
2.85     YES   HRDOW            NO
 L0029939         0   0.25840E-02  479682.9 3733205.2   444.1     3.06     4.05
2.85     YES   HRDOW            NO
 L0029940         0   0.25840E-02  479682.9 3733213.9   443.9     3.06     4.05
2.85     YES   HRDOW            NO
 L0029941         0   0.25840E-02  479682.8 3733222.6   443.8     3.06     4.05
2.85     YES   HRDOW            NO
 L0029942         0   0.25840E-02  479682.7 3733231.3   443.6     3.06     4.05
2.85     YES   HRDOW            NO
 L0029943         0   0.25840E-02  479682.7 3733240.0   443.4     3.06     4.05
2.85     YES   HRDOW            NO
 L0029944         0   0.25840E-02  479682.6 3733248.6   443.2     3.06     4.05
2.85     YES   HRDOW            NO
 L0029945         0   0.25840E-02  479682.5 3733257.3   443.1     3.06     4.05
2.85     YES   HRDOW            NO
 L0029946         0   0.25840E-02  479682.4 3733266.0   442.9     3.06     4.05
2.85     YES   HRDOW            NO
 L0029947         0   0.25840E-02  479682.4 3733274.8   442.7     3.06     4.05
2.85     YES   HRDOW            NO
 L0029948         0   0.25840E-02  479682.3 3733283.4   442.6     3.06     4.05
2.85     YES   HRDOW            NO
 L0029949         0   0.25840E-02  479682.2 3733292.1   442.5     3.06     4.05
2.85     YES   HRDOW            NO
 L0029950         0   0.25840E-02  479682.1 3733300.8   442.4     3.06     4.05
2.85     YES   HRDOW            NO
 L0029951         0   0.25840E-02  479682.1 3733309.5   442.2     3.06     4.05
2.85     YES   HRDOW            NO
 L0029952         0   0.25840E-02  479682.0 3733318.2   442.1     3.06     4.05
2.85     YES   HRDOW            NO
```

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ	URBAN SOURCE	AIRCRAFT EMISSION RATE SCALAR VARY BY
L0029954	0	0.25840E-02	479681.9	3733335.6	441.9	3.06	4.05	2.85	YES	HRDOW NO
L0029955	0	0.25840E-02	479681.8	3733344.3	441.7	3.06	4.05	2.85	YES	HRDOW NO
L0029956	0	0.25840E-02	479681.7	3733353.0	441.6	3.06	4.05	2.85	YES	HRDOW NO
L0029957	0	0.25840E-02	479681.6	3733361.7	441.4	3.06	4.05	2.85	YES	HRDOW NO
L0029958	0	0.25840E-02	479681.6	3733370.4	441.2	3.06	4.05	2.85	YES	HRDOW NO
L0029959	0	0.25840E-02	479681.5	3733379.1	441.1	3.06	4.05	2.85	YES	HRDOW NO
L0029960	0	0.25840E-02	479681.4	3733387.8	440.9	3.06	4.05	2.85	YES	HRDOW NO
L0029961	0	0.25840E-02	479681.4	3733396.5	440.7	3.06	4.05	2.85	YES	HRDOW NO
L0029962	0	0.25840E-02	479681.3	3733405.2	440.5	3.06	4.05	2.85	YES	HRDOW NO
L0029963	0	0.25840E-02	479681.2	3733413.9	440.4	3.06	4.05	2.85	YES	HRDOW NO
L0029964	0	0.25840E-02	479681.1	3733422.6	440.2	3.06	4.05	2.85	YES	HRDOW NO
L0029965	0	0.25840E-02	479681.1	3733431.3	440.0	3.06	4.05	2.85	YES	HRDOW NO
L0029966	0	0.25840E-02	479681.0	3733440.0	439.8	3.06	4.05	2.85	YES	HRDOW NO
L0029967	0	0.25840E-02	479680.9	3733448.7	439.5	3.06	4.05	2.85	YES	HRDOW NO

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 L0029968         0   0.25840E-02  479680.8 3733457.4   439.3     3.06     4.05
2.85     YES   HRDOW            NO
 L0029969         0   0.25840E-02  479680.8 3733466.1   439.1     3.06     4.05
2.85     YES   HRDOW            NO
 L0029970         0   0.25840E-02  479680.7 3733474.8   438.9     3.06     4.05
2.85     YES   HRDOW            NO
 L0029971         0   0.25840E-02  479680.6 3733483.5   438.8     3.06     4.05
2.85     YES   HRDOW            NO
 L0029972         0   0.25840E-02  479680.6 3733492.2   438.6     3.06     4.05
2.85     YES   HRDOW            NO
 L0029973         0   0.25840E-02  479680.5 3733500.9   438.4     3.06     4.05
2.85     YES   HRDOW            NO
 L0029974         0   0.25840E-02  479680.4 3733509.6   438.3     3.06     4.05
2.85     YES   HRDOW            NO
 L0029975         0   0.25840E-02  479680.3 3733518.3   438.1     3.06     4.05
2.85     YES   HRDOW            NO
 L0029976         0   0.25840E-02  479680.3 3733527.0   438.0     3.06     4.05
2.85     YES   HRDOW            NO
 L0029977         0   0.25840E-02  479680.2 3733535.7   437.8     3.06     4.05
2.85     YES   HRDOW            NO
 L0029978         0   0.25840E-02  479680.1 3733544.4   437.7     3.06     4.05
2.85     YES   HRDOW            NO
 L0029979         0   0.25840E-02  479680.1 3733553.1   437.6     3.06     4.05
2.85     YES   HRDOW            NO
 L0029980         0   0.25840E-02  479680.0 3733561.8   437.4     3.06     4.05
2.85     YES   HRDOW            NO
 L0029981         0   0.25840E-02  479679.9 3733570.5   437.3     3.06     4.05
2.85     YES   HRDOW            NO
 L0029982         0   0.25840E-02  479679.8 3733579.2   437.1     3.06     4.05
2.85     YES   HRDOW            NO
 L0029983         0   0.25840E-02  479679.8 3733587.9   437.0     3.06     4.05
2.85     YES   HRDOW            NO
 L0029984         0   0.25840E-02  479679.7 3733596.6   436.9     3.06     4.05
2.85     YES   HRDOW            NO
 L0029985         0   0.25840E-02  479679.6 3733605.3   436.8     3.06     4.05
2.85     YES   HRDOW            NO
 L0029986         0   0.25840E-02  479679.6 3733614.0   436.7     3.06     4.05
2.85     YES   HRDOW            NO
 L0029987         0   0.25840E-02  479679.5 3733622.7   436.6     3.06     4.05
2.85     YES   HRDOW            NO
 L0029988         0   0.25840E-02  479679.4 3733631.4   436.5     3.06     4.05
2.85     YES   HRDOW            NO
 L0029989         0   0.25840E-02  479679.3 3733640.1   436.4     3.06     4.05
2.85     YES   HRDOW            NO
 L0029990         0   0.25840E-02  479679.3 3733648.8   436.4     3.06     4.05
2.85     YES   HRDOW            NO
 L0029991         0   0.25840E-02  479679.2 3733657.5   436.3     3.06     4.05
2.85     YES   HRDOW            NO
 L0029992         0   0.25840E-02  479679.1 3733666.2   436.3     3.06     4.05
2.85     YES   HRDOW            NO
```

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0029994	0	0.25840E-02	479679.0	3733683.6	436.0	3.06	4.05	2.85	YES	HRDOW	NO
L0029995	0	0.25840E-02	479679.0	3733692.2	435.9	3.06	4.05	2.85	YES	HRDOW	NO
L0029996	0	0.25840E-02	479687.7	3733692.2	435.9	3.06	4.05	2.85	YES	HRDOW	NO
L0029997	0	0.25840E-02	479696.4	3733692.2	435.9	3.06	4.05	2.85	YES	HRDOW	NO
L0029998	0	0.25840E-02	479705.1	3733692.1	435.9	3.06	4.05	2.85	YES	HRDOW	NO
L0029999	0	0.25840E-02	479713.8	3733692.1	435.9	3.06	4.05	2.85	YES	HRDOW	NO
L0030000	0	0.25840E-02	479722.5	3733692.1	435.8	3.06	4.05	2.85	YES	HRDOW	NO
L0030001	0	0.25840E-02	479731.2	3733692.1	435.8	3.06	4.05	2.85	YES	HRDOW	NO
L0030002	0	0.25840E-02	479739.9	3733692.0	435.8	3.06	4.05	2.85	YES	HRDOW	NO
L0030003	0	0.25840E-02	479748.6	3733692.0	435.7	3.06	4.05	2.85	YES	HRDOW	NO
L0030004	0	0.25840E-02	479757.3	3733692.0	435.7	3.06	4.05	2.85	YES	HRDOW	NO
L0030005	0	0.25840E-02	479766.0	3733691.9	435.6	3.06	4.05	2.85	YES	HRDOW	NO
L0030006	0	0.25840E-02	479774.7	3733691.9	435.6	3.06	4.05	2.85	YES	HRDOW	NO
L0030007	0	0.25840E-02	479783.4	3733691.9	435.5	3.06	4.05	2.85	YES	HRDOW	NO

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 L0030008         0   0.25840E-02  479792.1 3733691.8   435.5     3.06     4.05
2.85     YES   HRDOW            NO
 L0030009         0   0.25840E-02  479800.8 3733691.8   435.4     3.06     4.05
2.85     YES   HRDOW            NO
 L0030010         0   0.25840E-02  479809.5 3733691.8   435.4     3.06     4.05
2.85     YES   HRDOW            NO
 L0030011         0   0.25840E-02  479818.2 3733691.7   435.4     3.06     4.05
2.85     YES   HRDOW            NO
 L0030012         0   0.25840E-02  479826.9 3733691.7   435.3     3.06     4.05
2.85     YES   HRDOW            NO
 L0030013         0   0.25840E-02  479835.6 3733691.7   435.3     3.06     4.05
2.85     YES   HRDOW            NO
 L0030014         0   0.25840E-02  479844.3 3733691.6   435.3     3.06     4.05
2.85     YES   HRDOW            NO
 L0030015         0   0.25840E-02  479853.0 3733691.6   435.2     3.06     4.05
2.85     YES   HRDOW            NO
 L0030016         0   0.25840E-02  479861.7 3733691.6   435.2     3.06     4.05
2.85     YES   HRDOW            NO
 L0030017         0   0.25840E-02  479870.4 3733691.5   435.1     3.06     4.05
2.85     YES   HRDOW            NO
 L0030018         0   0.25840E-02  479879.1 3733691.5   435.0     3.06     4.05
2.85     YES   HRDOW            NO
 L0030019         0   0.25840E-02  479887.8 3733691.5   435.0     3.06     4.05
2.85     YES   HRDOW            NO
 L0030020         0   0.25840E-02  479896.5 3733691.4   434.9     3.06     4.05
2.85     YES   HRDOW            NO
 L0030021         0   0.25840E-02  479905.2 3733691.4   434.9     3.06     4.05
2.85     YES   HRDOW            NO
 L0030022         0   0.25840E-02  479913.9 3733691.4   434.8     3.06     4.05
2.85     YES   HRDOW            NO
 L0030023         0   0.25840E-02  479922.6 3733691.3   434.8     3.06     4.05
2.85     YES   HRDOW            NO
 L0030024         0   0.25840E-02  479931.3 3733691.3   434.7     3.06     4.05
2.85     YES   HRDOW            NO
 L0030025         0   0.25840E-02  479940.0 3733691.3   434.6     3.06     4.05
2.85     YES   HRDOW            NO
 L0030026         0   0.25840E-02  479948.7 3733691.2   434.6     3.06     4.05
2.85     YES   HRDOW            NO
 L0030027         0   0.25840E-02  479957.4 3733691.2   434.5     3.06     4.05
2.85     YES   HRDOW            NO
 L0030028         0   0.25840E-02  479966.1 3733691.2   434.4     3.06     4.05
2.85     YES   HRDOW            NO
 L0030029         0   0.25840E-02  479974.8 3733691.1   434.3     3.06     4.05
2.85     YES   HRDOW            NO
 L0030030         0   0.25840E-02  479983.5 3733691.1   434.3     3.06     4.05
2.85     YES   HRDOW            NO
 L0030031         0   0.25840E-02  479992.2 3733691.1   434.2     3.06     4.05
2.85     YES   HRDOW            NO
 L0030032         0   0.25840E-02  480000.9 3733691.0   434.2     3.06     4.05
2.85     YES   HRDOW            NO
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0030034	0	0.25840E-02	480018.3	3733691.0	434.0	3.06	4.05	2.85	YES	HRDOW	NO
L0030035	0	0.25840E-02	480027.0	3733690.9	434.0	3.06	4.05	2.85	YES	HRDOW	NO
L0030036	0	0.25840E-02	480035.7	3733690.9	433.9	3.06	4.05	2.85	YES	HRDOW	NO
L0030037	0	0.25840E-02	480044.4	3733690.9	433.9	3.06	4.05	2.85	YES	HRDOW	NO
L0030038	0	0.25840E-02	480053.1	3733690.8	433.8	3.06	4.05	2.85	YES	HRDOW	NO
L0030039	0	0.25840E-02	480061.8	3733690.8	433.8	3.06	4.05	2.85	YES	HRDOW	NO
L0030040	0	0.25840E-02	480070.5	3733690.8	433.8	3.06	4.05	2.85	YES	HRDOW	NO
L0030041	0	0.25840E-02	480079.2	3733690.7	433.8	3.06	4.05	2.85	YES	HRDOW	NO
L0030042	0	0.25840E-02	480087.9	3733690.7	433.8	3.06	4.05	2.85	YES	HRDOW	NO
L0030043	0	0.25840E-02	480096.6	3733690.7	433.7	3.06	4.05	2.85	YES	HRDOW	NO
L0030044	0	0.25840E-02	480105.3	3733690.6	433.7	3.06	4.05	2.85	YES	HRDOW	NO
L0030045	0	0.25840E-02	480114.0	3733690.6	433.7	3.06	4.05	2.85	YES	HRDOW	NO
L0030046	0	0.25840E-02	480122.7	3733690.6	433.7	3.06	4.05	2.85	YES	HRDOW	NO
L0030047	0	0.25840E-02	480131.4	3733690.5	433.7	3.06	4.05	2.85	YES	HRDOW	NO

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 L0030048         0   0.25840E-02  480140.1 3733690.5   433.7     3.06     4.05
2.85     YES   HRDOW            NO
 L0030049         0   0.25840E-02  480148.8 3733690.5   433.6     3.06     4.05
2.85     YES   HRDOW            NO
 L0030050         0   0.25840E-02  480157.5 3733690.4   433.6     3.06     4.05
2.85     YES   HRDOW            NO
 L0030051         0   0.25840E-02  480166.2 3733690.4   433.6     3.06     4.05
2.85     YES   HRDOW            NO
 L0030052         0   0.25840E-02  480174.9 3733690.4   433.5     3.06     4.05
2.85     YES   HRDOW            NO
 L0030053         0   0.25840E-02  480183.6 3733690.3   433.5     3.06     4.05
2.85     YES   HRDOW            NO
 L0030054         0   0.25840E-02  480192.3 3733690.3   433.5     3.06     4.05
2.85     YES   HRDOW            NO
 L0030055         0   0.25840E-02  480201.0 3733690.3   433.5     3.06     4.05
2.85     YES   HRDOW            NO
 L0030056         0   0.25840E-02  480209.7 3733690.2   433.5     3.06     4.05
2.85     YES   HRDOW            NO
 L0030057         0   0.25840E-02  480218.4 3733690.2   433.5     3.06     4.05
2.85     YES   HRDOW            NO
 L0030058         0   0.25840E-02  480227.1 3733690.2   433.4     3.06     4.05
2.85     YES   HRDOW            NO
 L0030059         0   0.25840E-02  480235.8 3733690.1   433.4     3.06     4.05
2.85     YES   HRDOW            NO
 L0030060         0   0.25840E-02  480244.5 3733690.1   433.4     3.06     4.05
2.85     YES   HRDOW            NO
 L0030061         0   0.25840E-02  480253.2 3733690.1   433.4     3.06     4.05
2.85     YES   HRDOW            NO
 L0030062         0   0.25840E-02  480261.9 3733690.0   433.4     3.06     4.05
2.85     YES   HRDOW            NO
 L0030063         0   0.25840E-02  480270.6 3733690.0   433.3     3.06     4.05
2.85     YES   HRDOW            NO
 L0030064         0   0.25840E-02  480279.3 3733690.0   433.2     3.06     4.05
2.85     YES   HRDOW            NO
 L0030065         0   0.25840E-02  480288.0 3733689.9   433.2     3.06     4.05
2.85     YES   HRDOW            NO
 L0030066         0   0.25840E-02  480296.7 3733689.9   433.2     3.06     4.05
2.85     YES   HRDOW            NO
 L0030067         0   0.25840E-02  480305.4 3733689.9   433.2     3.06     4.05
2.85     YES   HRDOW            NO
 L0030068         0   0.25840E-02  480314.1 3733689.8   433.1     3.06     4.05
2.85     YES   HRDOW            NO
 L0030069         0   0.25840E-02  480322.8 3733689.8   433.0     3.06     4.05
2.85     YES   HRDOW            NO
 L0030070         0   0.25840E-02  480331.5 3733689.8   432.9     3.06     4.05
2.85     YES   HRDOW            NO
 L0030071         0   0.25840E-02  480340.2 3733689.7   432.8     3.06     4.05
2.85     YES   HRDOW            NO
 L0030072         0   0.25840E-02  480348.9 3733689.7   432.7     3.06     4.05
2.85     YES   HRDOW            NO
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0030074	0	0.25840E-02	480366.3	3733689.6	432.4	3.06	4.05	2.85	YES	HRDOW	NO
L0030075	0	0.25840E-02	480375.0	3733689.6	432.3	3.06	4.05	2.85	YES	HRDOW	NO
L0030076	0	0.25840E-02	480383.7	3733689.6	432.2	3.06	4.05	2.85	YES	HRDOW	NO
L0030077	0	0.25840E-02	480392.4	3733689.5	432.2	3.06	4.05	2.85	YES	HRDOW	NO
L0030078	0	0.25840E-02	480401.1	3733689.5	432.2	3.06	4.05	2.85	YES	HRDOW	NO
L0030079	0	0.25840E-02	480409.8	3733689.5	432.1	3.06	4.05	2.85	YES	HRDOW	NO
L0030080	0	0.25840E-02	480418.5	3733689.4	432.1	3.06	4.05	2.85	YES	HRDOW	NO
L0030081	0	0.25840E-02	480427.2	3733689.4	432.1	3.06	4.05	2.85	YES	HRDOW	NO
L0030082	0	0.25840E-02	480435.9	3733689.4	432.1	3.06	4.05	2.85	YES	HRDOW	NO
L0030083	0	0.25840E-02	480444.6	3733689.3	432.1	3.06	4.05	2.85	YES	HRDOW	NO
L0030084	0	0.25840E-02	480453.3	3733689.3	432.1	3.06	4.05	2.85	YES	HRDOW	NO
L0030085	0	0.25840E-02	480462.0	3733689.3	432.1	3.06	4.05	2.85	YES	HRDOW	NO
L0030086	0	0.25840E-02	480470.7	3733689.2	432.1	3.06	4.05	2.85	YES	HRDOW	NO
L0030087	0	0.25840E-02	480479.4	3733689.2	432.1	3.06	4.05	2.85	YES	HRDOW	NO

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 L0030088         0   0.25840E-02  480488.1 3733689.2   432.1     3.06     4.05
2.85     YES   HRDOW            NO
 L0030089         0   0.25840E-02  480496.8 3733689.1   432.1     3.06     4.05
2.85     YES   HRDOW            NO
 L0030090         0   0.25840E-02  480505.5 3733689.1   432.2     3.06     4.05
2.85     YES   HRDOW            NO
 L0030091         0   0.25840E-02  480514.2 3733689.1   432.2     3.06     4.05
2.85     YES   HRDOW            NO
 L0030092         0   0.25840E-02  480522.9 3733689.1   432.2     3.06     4.05
2.85     YES   HRDOW            NO
 L0030093         0   0.25840E-02  480531.6 3733689.0   432.2     3.06     4.05
2.85     YES   HRDOW            NO
 L0030094         0   0.25840E-02  480540.3 3733689.0   432.2     3.06     4.05
2.85     YES   HRDOW            NO
 L0030095         0   0.25840E-02  480549.0 3733689.0   432.2     3.06     4.05
2.85     YES   HRDOW            NO
 L0030096         0   0.25840E-02  480557.7 3733688.9   432.2     3.06     4.05
2.85     YES   HRDOW            NO
 L0030097         0   0.25840E-02  480566.4 3733688.9   432.2     3.06     4.05
2.85     YES   HRDOW            NO
 L0030098         0   0.25840E-02  480575.1 3733688.9   432.2     3.06     4.05
2.85     YES   HRDOW            NO
 L0030099         0   0.25840E-02  480583.8 3733688.8   432.2     3.06     4.05
2.85     YES   HRDOW            NO
 L0030100         0   0.25840E-02  480592.5 3733688.8   432.2     3.06     4.05
2.85     YES   HRDOW            NO
 L0030101         0   0.25840E-02  480601.2 3733688.8   432.2     3.06     4.05
2.85     YES   HRDOW            NO
 L0030102         0   0.25840E-02  480609.9 3733688.7   432.1     3.06     4.05
2.85     YES   HRDOW            NO
 L0030103         0   0.25840E-02  480618.6 3733688.7   432.1     3.06     4.05
2.85     YES   HRDOW            NO
 L0030104         0   0.25840E-02  480627.3 3733688.7   432.1     3.06     4.05
2.85     YES   HRDOW            NO
 L0030105         0   0.25840E-02  480636.0 3733688.6   432.1     3.06     4.05
2.85     YES   HRDOW            NO
 L0030106         0   0.25840E-02  480644.7 3733688.6   432.1     3.06     4.05
2.85     YES   HRDOW            NO
 L0030107         0   0.25840E-02  480653.4 3733688.6   432.1     3.06     4.05
2.85     YES   HRDOW            NO
 L0030108         0   0.25840E-02  480662.1 3733688.5   432.1     3.06     4.05
2.85     YES   HRDOW            NO
 L0030109         0   0.25840E-02  480670.8 3733688.5   432.1     3.06     4.05
2.85     YES   HRDOW            NO
 L0030110         0   0.25840E-02  480679.5 3733688.5   432.1     3.06     4.05
2.85     YES   HRDOW            NO
 L0030111         0   0.25840E-02  480688.2 3733688.4   432.0     3.06     4.05
2.85     YES   HRDOW            NO
 L0030112         0   0.25840E-02  480696.9 3733688.4   432.0     3.06     4.05
2.85     YES   HRDOW            NO
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ	URBAN SOURCE	AIRCRAFT EMISSION RATE SCALAR VARY BY
L0030114	0	0.25840E-02	480714.3	3733688.3	432.0	3.06	4.05	2.85	YES	HRDOW NO
L0030115	0	0.25840E-02	480723.0	3733688.3	431.9	3.06	4.05	2.85	YES	HRDOW NO
L0030116	0	0.25840E-02	480731.7	3733688.3	431.9	3.06	4.05	2.85	YES	HRDOW NO
L0030117	0	0.25840E-02	480740.4	3733688.2	431.9	3.06	4.05	2.85	YES	HRDOW NO
L0030118	0	0.25840E-02	480749.1	3733688.2	431.9	3.06	4.05	2.85	YES	HRDOW NO
L0030119	0	0.25840E-02	480757.8	3733688.2	431.9	3.06	4.05	2.85	YES	HRDOW NO
L0030120	0	0.25840E-02	480766.5	3733688.1	431.9	3.06	4.05	2.85	YES	HRDOW NO
L0030121	0	0.25840E-02	480775.2	3733688.1	431.9	3.06	4.05	2.85	YES	HRDOW NO
L0030122	0	0.25840E-02	480783.9	3733688.1	431.9	3.06	4.05	2.85	YES	HRDOW NO
L0030123	0	0.25840E-02	480792.6	3733688.0	431.9	3.06	4.05	2.85	YES	HRDOW NO
L0030124	0	0.25840E-02	480801.3	3733688.0	431.8	3.06	4.05	2.85	YES	HRDOW NO
L0030125	0	0.25840E-02	480810.0	3733688.0	431.8	3.06	4.05	2.85	YES	HRDOW NO
L0030126	0	0.25840E-02	480818.7	3733687.9	431.8	3.06	4.05	2.85	YES	HRDOW NO
L0030127	0	0.25840E-02	480827.4	3733687.9	431.8	3.06	4.05	2.85	YES	HRDOW NO

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 L0030128         0   0.25840E-02  480836.1 3733687.9   431.8     3.06     4.05
2.85     YES   HRDOW            NO
 L0030129         0   0.25840E-02  480844.8 3733687.8   431.8     3.06     4.05
2.85     YES   HRDOW            NO
 L0030130         0   0.25840E-02  480853.5 3733687.8   431.9     3.06     4.05
2.85     YES   HRDOW            NO
 L0030131         0   0.25840E-02  480862.2 3733687.8   432.0     3.06     4.05
2.85     YES   HRDOW            NO
 L0030132         0   0.25840E-02  480870.9 3733687.7   432.1     3.06     4.05
2.85     YES   HRDOW            NO
 L0030133         0   0.25840E-02  480879.6 3733687.7   432.1     3.06     4.05
2.85     YES   HRDOW            NO
 L0030134         0   0.25840E-02  480888.3 3733687.7   432.1     3.06     4.05
2.85     YES   HRDOW            NO
 L0030135         0   0.25840E-02  480897.0 3733687.6   432.1     3.06     4.05
2.85     YES   HRDOW            NO
 L0030136         0   0.25840E-02  480905.7 3733687.6   432.0     3.06     4.05
2.85     YES   HRDOW            NO
 L0030137         0   0.25840E-02  480914.4 3733687.6   431.8     3.06     4.05
2.85     YES   HRDOW            NO
 L0030138         0   0.25840E-02  480923.1 3733687.5   431.7     3.06     4.05
2.85     YES   HRDOW            NO
 L0030139         0   0.25840E-02  480931.8 3733687.5   431.7     3.06     4.05
2.85     YES   HRDOW            NO
 L0030140         0   0.25840E-02  480940.5 3733687.5   431.7     3.06     4.05
2.85     YES   HRDOW            NO
 L0030141         0   0.25840E-02  480949.2 3733687.4   431.6     3.06     4.05
2.85     YES   HRDOW            NO
 L0030142         0   0.25840E-02  480957.9 3733687.4   431.7     3.06     4.05
2.85     YES   HRDOW            NO
 L0030143         0   0.25840E-02  480966.6 3733687.4   431.7     3.06     4.05
2.85     YES   HRDOW            NO
 L0030144         0   0.25840E-02  480975.3 3733687.3   431.7     3.06     4.05
2.85     YES   HRDOW            NO
 L0030145         0   0.25840E-02  480984.0 3733687.3   431.7     3.06     4.05
2.85     YES   HRDOW            NO
 L0030146         0   0.25840E-02  480992.7 3733687.3   431.7     3.06     4.05
2.85     YES   HRDOW            NO
 L0030147         0   0.25840E-02  481001.4 3733687.2   431.7     3.06     4.05
2.85     YES   HRDOW            NO
 L0030148         0   0.25840E-02  481010.1 3733687.2   431.7     3.06     4.05
2.85     YES   HRDOW            NO
 L0030149         0   0.25840E-02  481018.8 3733687.2   431.7     3.06     4.05
2.85     YES   HRDOW            NO
 L0030150         0   0.25840E-02  481027.5 3733687.1   431.7     3.06     4.05
2.85     YES   HRDOW            NO
 L0030151         0   0.25840E-02  481036.2 3733687.1   431.7     3.06     4.05
2.85     YES   HRDOW            NO
 L0030152         0   0.25840E-02  481044.9 3733687.1   431.7     3.06     4.05
2.85     YES   HRDOW            NO
```

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ	URBAN SOURCE	AIRCRAFT EMISSION RATE SCALAR VARY BY
L0030154	0	0.25840E-02	481062.3	3733687.0	431.7	3.06	4.05	2.85	YES	HRDOW NO
L0030155	0	0.25840E-02	481071.0	3733687.0	431.7	3.06	4.05	2.85	YES	HRDOW NO
L0030156	0	0.25840E-02	481079.7	3733686.9	431.7	3.06	4.05	2.85	YES	HRDOW NO
L0030157	0	0.25840E-02	481088.4	3733686.9	431.7	3.06	4.05	2.85	YES	HRDOW NO
L0030158	0	0.25840E-02	481097.1	3733686.9	431.6	3.06	4.05	2.85	YES	HRDOW NO
L0030159	0	0.25840E-02	481105.8	3733686.8	431.6	3.06	4.05	2.85	YES	HRDOW NO
L0030160	0	0.25840E-02	481114.5	3733686.8	431.6	3.06	4.05	2.85	YES	HRDOW NO
L0030161	0	0.25840E-02	481123.2	3733686.8	431.7	3.06	4.05	2.85	YES	HRDOW NO
L0030162	0	0.25840E-02	481131.9	3733686.7	431.7	3.06	4.05	2.85	YES	HRDOW NO
L0030163	0	0.25840E-02	481140.6	3733686.7	431.7	3.06	4.05	2.85	YES	HRDOW NO
L0030164	0	0.25840E-02	481149.3	3733686.7	431.7	3.06	4.05	2.85	YES	HRDOW NO
L0030165	0	0.25840E-02	481158.0	3733686.6	431.7	3.06	4.05	2.85	YES	HRDOW NO
L0030166	0	0.25840E-02	481166.7	3733686.6	431.7	3.06	4.05	2.85	YES	HRDOW NO
L0030167	0	0.25840E-02	481175.4	3733686.6	431.7	3.06	4.05	2.85	YES	HRDOW NO

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 L0030168         0   0.25840E-02  481184.1 3733686.5   431.7     3.06     4.05
2.85     YES   HRDOW            NO
 L0030169         0   0.25840E-02  481192.8 3733686.5   431.7     3.06     4.05
2.85     YES   HRDOW            NO
 L0030170         0   0.25840E-02  481201.5 3733686.5   431.8     3.06     4.05
2.85     YES   HRDOW            NO
 L0030171         0   0.25840E-02  481210.2 3733686.4   431.8     3.06     4.05
2.85     YES   HRDOW            NO
 L0030172         0   0.25840E-02  481218.9 3733686.4   431.8     3.06     4.05
2.85     YES   HRDOW            NO
 L0030173         0   0.25840E-02  481227.6 3733686.4   431.8     3.06     4.05
2.85     YES   HRDOW            NO
 L0030174         0   0.25840E-02  481236.3 3733686.3   431.8     3.06     4.05
2.85     YES   HRDOW            NO
 L0030175         0   0.25840E-02  481245.0 3733686.3   431.8     3.06     4.05
2.85     YES   HRDOW            NO
 L0030176         0   0.25840E-02  481253.7 3733686.3   431.8     3.06     4.05
2.85     YES   HRDOW            NO
 L0030177         0   0.25840E-02  481262.4 3733686.2   431.8     3.06     4.05
2.85     YES   HRDOW            NO
 L0030178         0   0.25840E-02  481271.1 3733686.2   431.9     3.06     4.05
2.85     YES   HRDOW            NO
 L0030179         0   0.25840E-02  481279.8 3733686.2   431.9     3.06     4.05
2.85     YES   HRDOW            NO
 L0030180         0   0.25840E-02  481288.5 3733686.1   431.9     3.06     4.05
2.85     YES   HRDOW            NO
 L0030181         0   0.25840E-02  481297.2 3733686.1   431.9     3.06     4.05
2.85     YES   HRDOW            NO
 L0030182         0   0.25840E-02  481305.9 3733686.1   431.9     3.06     4.05
2.85     YES   HRDOW            NO
 L0030183         0   0.25840E-02  481314.6 3733686.0   431.9     3.06     4.05
2.85     YES   HRDOW            NO
 L0030184         0   0.25840E-02  481323.3 3733686.0   431.9     3.06     4.05
2.85     YES   HRDOW            NO
 L0030185         0   0.25840E-02  481332.0 3733686.0   431.9     3.06     4.05
2.85     YES   HRDOW            NO
 L0030186         0   0.25840E-02  481340.7 3733686.0   431.9     3.06     4.05
2.85     YES   HRDOW            NO
 L0030187         0   0.25840E-02  481349.4 3733685.9   431.9     3.06     4.05
2.85     YES   HRDOW            NO
 L0030188         0   0.25840E-02  481358.1 3733685.9   431.9     3.06     4.05
2.85     YES   HRDOW            NO
 L0030189         0   0.25840E-02  481366.8 3733685.9   431.9     3.06     4.05
2.85     YES   HRDOW            NO
 L0030190         0   0.25840E-02  481375.5 3733685.8   431.9     3.06     4.05
2.85     YES   HRDOW            NO
 L0030191         0   0.25840E-02  481384.2 3733685.8   431.9     3.06     4.05
2.85     YES   HRDOW            NO
 L0030192         0   0.25840E-02  481392.9 3733685.8   431.9     3.06     4.05
2.85     YES   HRDOW            NO
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0030194	0	0.25840E-02	481410.3	3733685.7	431.9	3.06	4.05	2.85	YES	HRDOW	NO
L0030195	0	0.25840E-02	481419.0	3733685.7	431.9	3.06	4.05	2.85	YES	HRDOW	NO
L0030196	0	0.25840E-02	481427.7	3733685.6	431.9	3.06	4.05	2.85	YES	HRDOW	NO
L0030197	0	0.25840E-02	481436.4	3733685.6	431.9	3.06	4.05	2.85	YES	HRDOW	NO
L0030198	0	0.25840E-02	481445.1	3733685.6	431.9	3.06	4.05	2.85	YES	HRDOW	NO
L0030199	0	0.25840E-02	481453.8	3733685.5	431.9	3.06	4.05	2.85	YES	HRDOW	NO
L0030200	0	0.25840E-02	481462.5	3733685.5	432.0	3.06	4.05	2.85	YES	HRDOW	NO
L0030201	0	0.25840E-02	481471.2	3733685.5	432.0	3.06	4.05	2.85	YES	HRDOW	NO
L0030202	0	0.25840E-02	481479.9	3733685.4	432.0	3.06	4.05	2.85	YES	HRDOW	NO
L0030203	0	0.25840E-02	481488.6	3733685.4	432.1	3.06	4.05	2.85	YES	HRDOW	NO
L0030204	0	0.25840E-02	481497.3	3733685.4	432.1	3.06	4.05	2.85	YES	HRDOW	NO
L0030205	0	0.25840E-02	481506.0	3733685.3	432.1	3.06	4.05	2.85	YES	HRDOW	NO
L0030206	0	0.25840E-02	481514.7	3733685.3	432.1	3.06	4.05	2.85	YES	HRDOW	NO
L0030207	0	0.25840E-02	481523.4	3733685.3	432.1	3.06	4.05	2.85	YES	HRDOW	NO

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 L0030208         0   0.25840E-02  481532.1 3733685.2   432.2     3.06     4.05
2.85     YES   HRDOW            NO
 L0030209         0   0.25840E-02  481540.8 3733685.2   432.2     3.06     4.05
2.85     YES   HRDOW            NO
 L0030210         0   0.25840E-02  481549.5 3733685.2   432.2     3.06     4.05
2.85     YES   HRDOW            NO
 L0030211         0   0.25840E-02  481558.2 3733685.1   432.2     3.06     4.05
2.85     YES   HRDOW            NO
 L0030212         0   0.25840E-02  481566.9 3733685.1   432.2     3.06     4.05
2.85     YES   HRDOW            NO
 L0030213         0   0.25840E-02  481575.6 3733685.1   432.2     3.06     4.05
2.85     YES   HRDOW            NO
 L0030214         0   0.25840E-02  481584.3 3733685.0   432.2     3.06     4.05
2.85     YES   HRDOW            NO
 L0030215         0   0.25840E-02  481593.0 3733685.0   432.2     3.06     4.05
2.85     YES   HRDOW            NO
 L0030216         0   0.25840E-02  481601.7 3733685.0   432.2     3.06     4.05
2.85     YES   HRDOW            NO
 L0030217         0   0.25840E-02  481610.4 3733684.9   432.2     3.06     4.05
2.85     YES   HRDOW            NO
 L0030218         0   0.25840E-02  481619.1 3733684.9   432.2     3.06     4.05
2.85     YES   HRDOW            NO
 L0030219         0   0.25840E-02  481627.8 3733684.9   432.2     3.06     4.05
2.85     YES   HRDOW            NO
 L0030220         0   0.25840E-02  481636.5 3733684.8   432.2     3.06     4.05
2.85     YES   HRDOW            NO
 L0030221         0   0.25840E-02  481645.2 3733684.8   432.2     3.06     4.05
2.85     YES   HRDOW            NO
 L0030222         0   0.25840E-02  481653.9 3733684.8   432.2     3.06     4.05
2.85     YES   HRDOW            NO
 L0030223         0   0.25840E-02  481662.6 3733684.7   432.2     3.06     4.05
2.85     YES   HRDOW            NO
 L0030224         0   0.25840E-02  481671.3 3733684.7   432.2     3.06     4.05
2.85     YES   HRDOW            NO
 L0030225         0   0.25840E-02  481680.0 3733684.7   432.3     3.06     4.05
2.85     YES   HRDOW            NO
 L0030226         0   0.25840E-02  481688.7 3733684.6   432.3     3.06     4.05
2.85     YES   HRDOW            NO
 L0030227         0   0.25840E-02  481697.4 3733684.6   432.3     3.06     4.05
2.85     YES   HRDOW            NO
 L0030228         0   0.25840E-02  481706.1 3733684.6   432.3     3.06     4.05
2.85     YES   HRDOW            NO
 L0030229         0   0.25840E-02  481714.8 3733684.5   432.3     3.06     4.05
2.85     YES   HRDOW            NO
 L0030230         0   0.25840E-02  481723.5 3733684.5   432.3     3.06     4.05
2.85     YES   HRDOW            NO
 L0030231         0   0.25840E-02  481732.2 3733684.5   432.3     3.06     4.05
2.85     YES   HRDOW            NO
 L0030232         0   0.25840E-02  481740.9 3733684.4   432.4     3.06     4.05
2.85     YES   HRDOW            NO
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0030234	0	0.25840E-02	481758.3	3733684.4	432.6	3.06	4.05	2.85	YES	HRDOW	NO
L0030235	0	0.25840E-02	481767.0	3733684.3	432.8	3.06	4.05	2.85	YES	HRDOW	NO
L0030236	0	0.25840E-02	481775.7	3733684.3	432.9	3.06	4.05	2.85	YES	HRDOW	NO
L0030237	0	0.25840E-02	481784.4	3733684.3	433.1	3.06	4.05	2.85	YES	HRDOW	NO
L0030238	0	0.25840E-02	481793.1	3733684.2	433.2	3.06	4.05	2.85	YES	HRDOW	NO
L0030239	0	0.25840E-02	481801.8	3733684.2	433.3	3.06	4.05	2.85	YES	HRDOW	NO
L0030240	0	0.25840E-02	481810.5	3733684.2	433.3	3.06	4.05	2.85	YES	HRDOW	NO
L0030241	0	0.25840E-02	481819.2	3733684.1	433.3	3.06	4.05	2.85	YES	HRDOW	NO
L0030242	0	0.25840E-02	481827.9	3733684.1	433.3	3.06	4.05	2.85	YES	HRDOW	NO
L0030243	0	0.25840E-02	481836.6	3733684.1	433.3	3.06	4.05	2.85	YES	HRDOW	NO
L0030244	0	0.25840E-02	481845.3	3733684.0	433.3	3.06	4.05	2.85	YES	HRDOW	NO
L0030245	0	0.25840E-02	481854.0	3733684.0	433.4	3.06	4.05	2.85	YES	HRDOW	NO
L0030246	0	0.25840E-02	481862.7	3733684.0	433.4	3.06	4.05	2.85	YES	HRDOW	NO
L0030247	0	0.25840E-02	481871.4	3733683.9	433.4	3.06	4.05	2.85	YES	HRDOW	NO

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 L0030248         0   0.25840E-02  481880.1 3733683.9   433.4     3.06     4.05
2.85     YES   HRDOW            NO
 L0030249         0   0.25840E-02  481888.8 3733683.9   433.5     3.06     4.05
2.85     YES   HRDOW            NO
 L0030250         0   0.25840E-02  481897.5 3733683.8   433.5     3.06     4.05
2.85     YES   HRDOW            NO
 L0030251         0   0.25840E-02  481906.2 3733683.8   433.5     3.06     4.05
2.85     YES   HRDOW            NO
 L0030252         0   0.25840E-02  481914.9 3733683.8   433.4     3.06     4.05
2.85     YES   HRDOW            NO
 L0030253         0   0.25840E-02  481923.6 3733683.7   433.3     3.06     4.05
2.85     YES   HRDOW            NO
 L0030254         0   0.25840E-02  481932.3 3733683.7   433.2     3.06     4.05
2.85     YES   HRDOW            NO
 L0030255         0   0.25840E-02  481941.0 3733683.7   433.1     3.06     4.05
2.85     YES   HRDOW            NO
 L0030256         0   0.25840E-02  481949.7 3733683.6   433.0     3.06     4.05
2.85     YES   HRDOW            NO
 L0030257         0   0.25840E-02  481958.4 3733683.6   433.0     3.06     4.05
2.85     YES   HRDOW            NO
 L0030258         0   0.25840E-02  481967.1 3733683.6   433.1     3.06     4.05
2.85     YES   HRDOW            NO
 L0030259         0   0.25840E-02  481975.8 3733683.5   433.2     3.06     4.05
2.85     YES   HRDOW            NO
 L0030260         0   0.25840E-02  481984.5 3733683.5   433.2     3.06     4.05
2.85     YES   HRDOW            NO
 L0030261         0   0.25840E-02  481993.2 3733683.5   433.2     3.06     4.05
2.85     YES   HRDOW            NO
 L0030262         0   0.25840E-02  482001.9 3733683.4   433.2     3.06     4.05
2.85     YES   HRDOW            NO
 L0030263         0   0.25840E-02  482010.6 3733683.4   433.2     3.06     4.05
2.85     YES   HRDOW            NO
 L0030264         0   0.25840E-02  482019.3 3733683.4   433.2     3.06     4.05
2.85     YES   HRDOW            NO
 L0030265         0   0.25840E-02  482028.0 3733683.3   433.3     3.06     4.05
2.85     YES   HRDOW            NO
 L0030266         0   0.25840E-02  482036.7 3733683.3   433.4     3.06     4.05
2.85     YES   HRDOW            NO
 L0030267         0   0.25840E-02  482045.4 3733683.3   433.7     3.06     4.05
2.85     YES   HRDOW            NO
 L0030268         0   0.25840E-02  482054.1 3733683.2   433.9     3.06     4.05
2.85     YES   HRDOW            NO
 L0030269         0   0.25840E-02  482062.8 3733683.2   434.0     3.06     4.05
2.85     YES   HRDOW            NO
 L0030270         0   0.25840E-02  482071.5 3733683.2   434.1     3.06     4.05
2.85     YES   HRDOW            NO
 L0030271         0   0.25840E-02  482080.2 3733683.1   434.3     3.06     4.05
2.85     YES   HRDOW            NO
 L0030272         0   0.25840E-02  482088.9 3733683.1   434.3     3.06     4.05
2.85     YES   HRDOW            NO
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0030274	0	0.25840E-02	482106.3	3733683.0	434.4	3.06	4.05	2.85	YES	HRDOW	NO
L0030275	0	0.25840E-02	482115.0	3733683.0	434.4	3.06	4.05	2.85	YES	HRDOW	NO
L0030276	0	0.25840E-02	482123.7	3733683.0	434.5	3.06	4.05	2.85	YES	HRDOW	NO
L0030277	0	0.25840E-02	482132.4	3733683.0	434.5	3.06	4.05	2.85	YES	HRDOW	NO
L0030278	0	0.25840E-02	482141.1	3733682.9	434.6	3.06	4.05	2.85	YES	HRDOW	NO
L0030279	0	0.25840E-02	482149.8	3733682.9	434.6	3.06	4.05	2.85	YES	HRDOW	NO
L0030280	0	0.25840E-02	482158.5	3733682.9	434.7	3.06	4.05	2.85	YES	HRDOW	NO
L0030281	0	0.25840E-02	482167.2	3733682.8	434.8	3.06	4.05	2.85	YES	HRDOW	NO
L0030282	0	0.25840E-02	482175.9	3733682.8	435.0	3.06	4.05	2.85	YES	HRDOW	NO
L0030283	0	0.25840E-02	482184.6	3733682.8	435.1	3.06	4.05	2.85	YES	HRDOW	NO
L0030284	0	0.25840E-02	482193.3	3733682.7	435.3	3.06	4.05	2.85	YES	HRDOW	NO
L0030285	0	0.25840E-02	482202.0	3733682.7	435.5	3.06	4.05	2.85	YES	HRDOW	NO
L0030286	0	0.25840E-02	482210.7	3733682.7	435.8	3.06	4.05	2.85	YES	HRDOW	NO
L0030287	0	0.25840E-02	482219.4	3733682.6	436.0	3.06	4.05	2.85	YES	HRDOW	NO

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 L0030288         0   0.25840E-02  482228.1 3733682.6   436.3     3.06     4.05
2.85     YES   HRDOW            NO
 L0030289         0   0.25840E-02  482236.8 3733682.6   436.5     3.06     4.05
2.85     YES   HRDOW            NO
 L0030290         0   0.25840E-02  482245.5 3733682.5   436.8     3.06     4.05
2.85     YES   HRDOW            NO
 L0030291         0   0.25840E-02  482254.2 3733682.5   437.1     3.06     4.05
2.85     YES   HRDOW            NO
 L0030292         0   0.25840E-02  482262.9 3733682.5   437.4     3.06     4.05
2.85     YES   HRDOW            NO
 L0030293         0   0.25840E-02  482271.6 3733682.4   437.7     3.06     4.05
2.85     YES   HRDOW            NO
 L0030294         0   0.25840E-02  482280.3 3733682.4   437.9     3.06     4.05
2.85     YES   HRDOW            NO
 L0030295         0   0.25840E-02  482289.0 3733682.4   438.2     3.06     4.05
2.85     YES   HRDOW            NO
 L0030296         0   0.25840E-02  482297.7 3733682.3   438.4     3.06     4.05
2.85     YES   HRDOW            NO
 L0030297         0   0.25840E-02  482306.4 3733682.3   438.6     3.06     4.05
2.85     YES   HRDOW            NO
 L0030298         0   0.25840E-02  482315.1 3733682.3   438.9     3.06     4.05
2.85     YES   HRDOW            NO
 L0030299         0   0.25840E-02  482323.8 3733682.2   439.2     3.06     4.05
2.85     YES   HRDOW            NO
 L0030300         0   0.25840E-02  482332.5 3733682.2   439.5     3.06     4.05
2.85     YES   HRDOW            NO
 L0030301         0   0.29586E-02  479683.5 3733410.2   440.4     3.06     4.05
2.85     YES   HRDOW            NO
 L0030302         0   0.29586E-02  479683.4 3733418.9   440.2     3.06     4.05
2.85     YES   HRDOW            NO
 L0030303         0   0.29586E-02  479683.3 3733427.6   440.1     3.06     4.05
2.85     YES   HRDOW            NO
 L0030304         0   0.29586E-02  479683.2 3733436.3   439.8     3.06     4.05
2.85     YES   HRDOW            NO
 L0030305         0   0.29586E-02  479683.1 3733445.0   439.6     3.06     4.05
2.85     YES   HRDOW            NO
 L0030306         0   0.29586E-02  479683.0 3733453.7   439.4     3.06     4.05
2.85     YES   HRDOW            NO
 L0030307         0   0.29586E-02  479682.9 3733462.4   439.2     3.06     4.05
2.85     YES   HRDOW            NO
 L0030308         0   0.29586E-02  479682.8 3733471.1   439.0     3.06     4.05
2.85     YES   HRDOW            NO
 L0030309         0   0.29586E-02  479682.7 3733479.8   438.8     3.06     4.05
2.85     YES   HRDOW            NO
 L0030310         0   0.29586E-02  479682.6 3733488.5   438.7     3.06     4.05
2.85     YES   HRDOW            NO
 L0030311         0   0.29586E-02  479682.5 3733497.2   438.5     3.06     4.05
2.85     YES   HRDOW            NO
 L0030312         0   0.29586E-02  479682.4 3733505.9   438.3     3.06     4.05
2.85     YES   HRDOW            NO
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0030314	0	0.29586E-02	479682.2	3733523.3	438.0	3.06	4.05	2.85	YES	HRDOW	NO
L0030315	0	0.29586E-02	479682.1	3733532.0	437.9	3.06	4.05	2.85	YES	HRDOW	NO
L0030316	0	0.29586E-02	479682.0	3733540.7	437.8	3.06	4.05	2.85	YES	HRDOW	NO
L0030317	0	0.29586E-02	479681.9	3733549.4	437.6	3.06	4.05	2.85	YES	HRDOW	NO
L0030318	0	0.29586E-02	479681.8	3733558.1	437.5	3.06	4.05	2.85	YES	HRDOW	NO
L0030319	0	0.29586E-02	479681.7	3733566.8	437.3	3.06	4.05	2.85	YES	HRDOW	NO
L0030320	0	0.29586E-02	479681.6	3733575.5	437.2	3.06	4.05	2.85	YES	HRDOW	NO
L0030321	0	0.29586E-02	479681.5	3733584.2	437.1	3.06	4.05	2.85	YES	HRDOW	NO
L0030322	0	0.29586E-02	479681.4	3733592.9	436.9	3.06	4.05	2.85	YES	HRDOW	NO
L0030323	0	0.29586E-02	479681.3	3733601.6	436.8	3.06	4.05	2.85	YES	HRDOW	NO
L0030324	0	0.29586E-02	479681.2	3733610.3	436.7	3.06	4.05	2.85	YES	HRDOW	NO
L0030325	0	0.29586E-02	479681.1	3733619.0	436.6	3.06	4.05	2.85	YES	HRDOW	NO
L0030326	0	0.29586E-02	479681.0	3733627.7	436.5	3.06	4.05	2.85	YES	HRDOW	NO
L0030327	0	0.29586E-02	479680.9	3733636.4	436.5	3.06	4.05	2.85	YES	HRDOW	NO

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 L0030328         0   0.29586E-02  479680.8 3733645.1   436.4     3.06     4.05
2.85     YES   HRDOW            NO
 L0030329         0   0.29586E-02  479680.7 3733653.8   436.3     3.06     4.05
2.85     YES   HRDOW            NO
 L0030330         0   0.29586E-02  479680.6 3733662.5   436.3     3.06     4.05
2.85     YES   HRDOW            NO
 L0030331         0   0.29586E-02  479680.5 3733671.2   436.2     3.06     4.05
2.85     YES   HRDOW            NO
 L0030332         0   0.29586E-02  479680.4 3733679.9   436.1     3.06     4.05
2.85     YES   HRDOW            NO
 L0030333         0   0.29586E-02  479680.3 3733688.6   435.9     3.06     4.05
2.85     YES   HRDOW            NO
 L0030334         0   0.29586E-02  479685.2 3733692.4   435.9     3.06     4.05
2.85     YES   HRDOW            NO
 L0030335         0   0.29586E-02  479693.9 3733692.3   435.9     3.06     4.05
2.85     YES   HRDOW            NO
 L0030336         0   0.29586E-02  479702.6 3733692.2   435.9     3.06     4.05
2.85     YES   HRDOW            NO
 L0030337         0   0.29586E-02  479711.3 3733692.2   435.9     3.06     4.05
2.85     YES   HRDOW            NO
 L0030338         0   0.29586E-02  479720.0 3733692.1   435.8     3.06     4.05
2.85     YES   HRDOW            NO
 L0030339         0   0.29586E-02  479728.7 3733692.1   435.8     3.06     4.05
2.85     YES   HRDOW            NO
 L0030340         0   0.29586E-02  479737.4 3733692.0   435.8     3.06     4.05
2.85     YES   HRDOW            NO
 L0030341         0   0.29586E-02  479746.1 3733692.0   435.7     3.06     4.05
2.85     YES   HRDOW            NO
 L0030342         0   0.29586E-02  479754.8 3733691.9   435.7     3.06     4.05
2.85     YES   HRDOW            NO
 L0030343         0   0.29586E-02  479763.5 3733691.8   435.6     3.06     4.05
2.85     YES   HRDOW            NO
 L0030344         0   0.29586E-02  479772.2 3733691.8   435.6     3.06     4.05
2.85     YES   HRDOW            NO
 L0030345         0   0.29586E-02  479780.9 3733691.7   435.6     3.06     4.05
2.85     YES   HRDOW            NO
 L0030346         0   0.29586E-02  479789.6 3733691.7   435.5     3.06     4.05
2.85     YES   HRDOW            NO
 L0030347         0   0.29586E-02  479798.3 3733691.6   435.5     3.06     4.05
2.85     YES   HRDOW            NO
 L0030348         0   0.29586E-02  479807.0 3733691.6   435.4     3.06     4.05
2.85     YES   HRDOW            NO
 L0030349         0   0.29586E-02  479815.7 3733691.5   435.4     3.06     4.05
2.85     YES   HRDOW            NO
 L0030350         0   0.29586E-02  479824.4 3733691.5   435.4     3.06     4.05
2.85     YES   HRDOW            NO
 L0030351         0   0.29586E-02  479833.1 3733691.4   435.3     3.06     4.05
2.85     YES   HRDOW            NO
 L0030352         0   0.29586E-02  479841.8 3733691.3   435.3     3.06     4.05
2.85     YES   HRDOW            NO
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0030354	0	0.29586E-02	479859.2	3733691.2	435.2	3.06	4.05	2.85	YES	HRDOW	NO
L0030355	0	0.29586E-02	479867.9	3733691.2	435.1	3.06	4.05	2.85	YES	HRDOW	NO
L0030356	0	0.29586E-02	479876.6	3733691.1	435.1	3.06	4.05	2.85	YES	HRDOW	NO
L0030357	0	0.29586E-02	479885.3	3733691.1	435.0	3.06	4.05	2.85	YES	HRDOW	NO
L0030358	0	0.29586E-02	479894.0	3733691.0	434.9	3.06	4.05	2.85	YES	HRDOW	NO
L0030359	0	0.29586E-02	479902.7	3733691.0	434.9	3.06	4.05	2.85	YES	HRDOW	NO
L0030360	0	0.29586E-02	479911.4	3733690.9	434.8	3.06	4.05	2.85	YES	HRDOW	NO
L0030361	0	0.29586E-02	479920.1	3733690.8	434.8	3.06	4.05	2.85	YES	HRDOW	NO
L0030362	0	0.29586E-02	479928.8	3733690.8	434.7	3.06	4.05	2.85	YES	HRDOW	NO
L0030363	0	0.29586E-02	479937.5	3733690.7	434.7	3.06	4.05	2.85	YES	HRDOW	NO
L0030364	0	0.29586E-02	479946.2	3733690.7	434.6	3.06	4.05	2.85	YES	HRDOW	NO
L0030365	0	0.29586E-02	479954.9	3733690.6	434.5	3.06	4.05	2.85	YES	HRDOW	NO
L0030366	0	0.29586E-02	479963.6	3733690.6	434.4	3.06	4.05	2.85	YES	HRDOW	NO
L0030367	0	0.29586E-02	479972.3	3733690.5	434.4	3.06	4.05	2.85	YES	HRDOW	NO

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 L0030368         0   0.29586E-02  479981.0 3733690.5   434.3     3.06     4.05
2.85     YES   HRDOW            NO
 L0030369         0   0.29586E-02  479989.7 3733690.4   434.2     3.06     4.05
2.85     YES   HRDOW            NO
 L0030370         0   0.29586E-02  479998.4 3733690.3   434.2     3.06     4.05
2.85     YES   HRDOW            NO
 L0030371         0   0.29586E-02  480007.1 3733690.3   434.1     3.06     4.05
2.85     YES   HRDOW            NO
 L0030372         0   0.29586E-02  480015.8 3733690.2   434.1     3.06     4.05
2.85     YES   HRDOW            NO
 L0030373         0   0.29586E-02  480024.5 3733690.2   434.0     3.06     4.05
2.85     YES   HRDOW            NO
 L0030374         0   0.29586E-02  480033.2 3733690.1   433.9     3.06     4.05
2.85     YES   HRDOW            NO
 L0030375         0   0.29586E-02  480041.9 3733690.1   433.9     3.06     4.05
2.85     YES   HRDOW            NO
 L0030376         0   0.29586E-02  480050.6 3733690.0   433.8     3.06     4.05
2.85     YES   HRDOW            NO
 L0030377         0   0.29586E-02  480059.3 3733690.0   433.8     3.06     4.05
2.85     YES   HRDOW            NO
 L0030378         0   0.29586E-02  480068.0 3733689.9   433.8     3.06     4.05
2.85     YES   HRDOW            NO
 L0030379         0   0.29586E-02  480076.7 3733689.8   433.8     3.06     4.05
2.85     YES   HRDOW            NO
 L0030380         0   0.29586E-02  480085.4 3733689.8   433.8     3.06     4.05
2.85     YES   HRDOW            NO
 L0030381         0   0.29586E-02  480094.1 3733689.7   433.7     3.06     4.05
2.85     YES   HRDOW            NO
 L0030382         0   0.29586E-02  480102.8 3733689.7   433.7     3.06     4.05
2.85     YES   HRDOW            NO
 L0030383         0   0.29586E-02  480111.5 3733689.6   433.7     3.06     4.05
2.85     YES   HRDOW            NO
 L0030384         0   0.29586E-02  480120.2 3733689.6   433.7     3.06     4.05
2.85     YES   HRDOW            NO
 L0030385         0   0.29586E-02  480128.9 3733689.5   433.7     3.06     4.05
2.85     YES   HRDOW            NO
 L0030386         0   0.29586E-02  480137.6 3733689.5   433.6     3.06     4.05
2.85     YES   HRDOW            NO
 L0030387         0   0.29586E-02  480146.3 3733689.4   433.6     3.06     4.05
2.85     YES   HRDOW            NO
 L0030388         0   0.29586E-02  480155.0 3733689.3   433.6     3.06     4.05
2.85     YES   HRDOW            NO
 L0030389         0   0.29586E-02  480163.7 3733689.3   433.6     3.06     4.05
2.85     YES   HRDOW            NO
 L0030390         0   0.29586E-02  480172.4 3733689.2   433.5     3.06     4.05
2.85     YES   HRDOW            NO
 L0030391         0   0.29586E-02  480181.1 3733689.2   433.5     3.06     4.05
2.85     YES   HRDOW            NO
 L0030392         0   0.29586E-02  480189.8 3733689.1   433.5     3.06     4.05
2.85     YES   HRDOW            NO
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0030394	0	0.29586E-02	480207.2	3733689.0	433.4	3.06	4.05	2.85	YES	HRDOW	NO
L0030395	0	0.29586E-02	480215.9	3733688.9	433.4	3.06	4.05	2.85	YES	HRDOW	NO
L0030396	0	0.29586E-02	480224.6	3733688.9	433.4	3.06	4.05	2.85	YES	HRDOW	NO
L0030397	0	0.29586E-02	480233.3	3733688.8	433.4	3.06	4.05	2.85	YES	HRDOW	NO
L0030398	0	0.29586E-02	480242.0	3733688.8	433.4	3.06	4.05	2.85	YES	HRDOW	NO
L0030399	0	0.29586E-02	480250.7	3733688.7	433.4	3.06	4.05	2.85	YES	HRDOW	NO
L0030400	0	0.29586E-02	480259.4	3733688.7	433.4	3.06	4.05	2.85	YES	HRDOW	NO
L0030401	0	0.29586E-02	480268.1	3733688.6	433.3	3.06	4.05	2.85	YES	HRDOW	NO
L0030402	0	0.29586E-02	480276.8	3733688.6	433.2	3.06	4.05	2.85	YES	HRDOW	NO
L0030403	0	0.29586E-02	480285.5	3733688.5	433.2	3.06	4.05	2.85	YES	HRDOW	NO
L0030404	0	0.29586E-02	480294.2	3733688.4	433.2	3.06	4.05	2.85	YES	HRDOW	NO
L0030405	0	0.29586E-02	480302.9	3733688.4	433.2	3.06	4.05	2.85	YES	HRDOW	NO
L0030406	0	0.29586E-02	480311.6	3733688.3	433.1	3.06	4.05	2.85	YES	HRDOW	NO
L0030407	0	0.29586E-02	480320.3	3733688.3	433.0	3.06	4.05	2.85	YES	HRDOW	NO

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 L0030408         0   0.29586E-02  480329.0 3733688.2   433.0     3.06     4.05
2.85     YES   HRDOW            NO
 L0030409         0   0.29586E-02  480337.7 3733688.2   432.9     3.06     4.05
2.85     YES   HRDOW            NO
 L0030410         0   0.29586E-02  480346.4 3733688.1   432.8     3.06     4.05
2.85     YES   HRDOW            NO
 L0030411         0   0.29586E-02  480355.1 3733688.1   432.6     3.06     4.05
2.85     YES   HRDOW            NO
 L0030412         0   0.29586E-02  480363.8 3733688.0   432.5     3.06     4.05
2.85     YES   HRDOW            NO
 L0030413         0   0.29586E-02  480372.5 3733687.9   432.4     3.06     4.05
2.85     YES   HRDOW            NO
 L0030414         0   0.29586E-02  480381.2 3733687.9   432.3     3.06     4.05
2.85     YES   HRDOW            NO
 L0030415         0   0.29586E-02  480389.9 3733687.8   432.3     3.06     4.05
2.85     YES   HRDOW            NO
 L0030416         0   0.29586E-02  480398.6 3733687.8   432.2     3.06     4.05
2.85     YES   HRDOW            NO
 L0030417         0   0.29586E-02  480407.3 3733687.7   432.2     3.06     4.05
2.85     YES   HRDOW            NO
 L0030418         0   0.29586E-02  480416.0 3733687.7   432.2     3.06     4.05
2.85     YES   HRDOW            NO
 L0030419         0   0.29586E-02  480424.7 3733687.6   432.2     3.06     4.05
2.85     YES   HRDOW            NO
 L0030420         0   0.29586E-02  480433.4 3733687.6   432.2     3.06     4.05
2.85     YES   HRDOW            NO
 L0030421         0   0.29586E-02  480442.1 3733687.5   432.2     3.06     4.05
2.85     YES   HRDOW            NO
 L0030422         0   0.29586E-02  480450.8 3733687.4   432.2     3.06     4.05
2.85     YES   HRDOW            NO
 L0030423         0   0.29586E-02  480459.5 3733687.4   432.2     3.06     4.05
2.85     YES   HRDOW            NO
 L0030424         0   0.29586E-02  480468.2 3733687.3   432.2     3.06     4.05
2.85     YES   HRDOW            NO
 L0030425         0   0.29586E-02  480476.9 3733687.3   432.2     3.06     4.05
2.85     YES   HRDOW            NO
 L0030426         0   0.29586E-02  480485.6 3733687.2   432.2     3.06     4.05
2.85     YES   HRDOW            NO
 L0030427         0   0.29586E-02  480494.3 3733687.2   432.2     3.06     4.05
2.85     YES   HRDOW            NO
 L0030428         0   0.29586E-02  480503.0 3733687.1   432.2     3.06     4.05
2.85     YES   HRDOW            NO
 L0030429         0   0.29586E-02  480511.7 3733687.1   432.3     3.06     4.05
2.85     YES   HRDOW            NO
 L0030430         0   0.29586E-02  480520.4 3733687.0   432.3     3.06     4.05
2.85     YES   HRDOW            NO
 L0030431         0   0.29586E-02  480529.1 3733686.9   432.3     3.06     4.05
2.85     YES   HRDOW            NO
 L0030432         0   0.29586E-02  480537.8 3733686.9   432.3     3.06     4.05
2.85     YES   HRDOW            NO
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0030434	0	0.29586E-02	480555.2	3733686.8	432.3	3.06	4.05	2.85	YES	HRDOW	NO
L0030435	0	0.29586E-02	480563.9	3733686.7	432.3	3.06	4.05	2.85	YES	HRDOW	NO
L0030436	0	0.29586E-02	480572.6	3733686.7	432.3	3.06	4.05	2.85	YES	HRDOW	NO
L0030437	0	0.29586E-02	480581.3	3733686.6	432.3	3.06	4.05	2.85	YES	HRDOW	NO
L0030438	0	0.29586E-02	480590.0	3733686.6	432.3	3.06	4.05	2.85	YES	HRDOW	NO
L0030439	0	0.29586E-02	480598.7	3733686.5	432.3	3.06	4.05	2.85	YES	HRDOW	NO
L0030440	0	0.29586E-02	480607.4	3733686.4	432.2	3.06	4.05	2.85	YES	HRDOW	NO
L0030441	0	0.29586E-02	480616.1	3733686.4	432.2	3.06	4.05	2.85	YES	HRDOW	NO
L0030442	0	0.29586E-02	480624.8	3733686.3	432.2	3.06	4.05	2.85	YES	HRDOW	NO
L0030443	0	0.29586E-02	480633.5	3733686.3	432.2	3.06	4.05	2.85	YES	HRDOW	NO
L0030444	0	0.29586E-02	480642.2	3733686.2	432.2	3.06	4.05	2.85	YES	HRDOW	NO
L0030445	0	0.29586E-02	480650.9	3733686.2	432.2	3.06	4.05	2.85	YES	HRDOW	NO
L0030446	0	0.29586E-02	480659.6	3733686.1	432.2	3.06	4.05	2.85	YES	HRDOW	NO
L0030447	0	0.29586E-02	480668.3	3733686.0	432.2	3.06	4.05	2.85	YES	HRDOW	NO

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 L0030448         0   0.29586E-02  480677.0 3733686.0   432.2     3.06     4.05
2.85     YES   HRDOW            NO
 L0030449         0   0.29586E-02  480685.7 3733685.9   432.1     3.06     4.05
2.85     YES   HRDOW            NO
 L0030450         0   0.29586E-02  480694.4 3733685.9   432.1     3.06     4.05
2.85     YES   HRDOW            NO
 L0030451         0   0.29586E-02  480703.1 3733685.8   432.1     3.06     4.05
2.85     YES   HRDOW            NO
 L0030452         0   0.29586E-02  480711.8 3733685.8   432.1     3.06     4.05
2.85     YES   HRDOW            NO
 L0030453         0   0.29586E-02  480720.5 3733685.7   432.1     3.06     4.05
2.85     YES   HRDOW            NO
 L0030454         0   0.29586E-02  480729.2 3733685.7   432.0     3.06     4.05
2.85     YES   HRDOW            NO
 L0030455         0   0.29586E-02  480737.9 3733685.6   432.0     3.06     4.05
2.85     YES   HRDOW            NO
 L0030456         0   0.29586E-02  480746.6 3733685.5   432.0     3.06     4.05
2.85     YES   HRDOW            NO
 L0030457         0   0.29586E-02  480755.3 3733685.5   432.0     3.06     4.05
2.85     YES   HRDOW            NO
 L0030458         0   0.29586E-02  480764.0 3733685.4   432.0     3.06     4.05
2.85     YES   HRDOW            NO
 L0030459         0   0.29586E-02  480772.7 3733685.4   432.0     3.06     4.05
2.85     YES   HRDOW            NO
 L0030460         0   0.29586E-02  480781.4 3733685.3   432.0     3.06     4.05
2.85     YES   HRDOW            NO
 L0030461         0   0.29586E-02  480790.1 3733685.3   432.0     3.06     4.05
2.85     YES   HRDOW            NO
 L0030462         0   0.29586E-02  480798.8 3733685.2   431.9     3.06     4.05
2.85     YES   HRDOW            NO
 L0030463         0   0.29586E-02  480807.5 3733685.2   431.9     3.06     4.05
2.85     YES   HRDOW            NO
 L0030464         0   0.29586E-02  480816.2 3733685.1   431.9     3.06     4.05
2.85     YES   HRDOW            NO
 L0030465         0   0.29586E-02  480824.9 3733685.0   431.9     3.06     4.05
2.85     YES   HRDOW            NO
 L0030466         0   0.29586E-02  480833.6 3733685.0   431.9     3.06     4.05
2.85     YES   HRDOW            NO
 L0030467         0   0.29586E-02  480842.3 3733684.9   431.9     3.06     4.05
2.85     YES   HRDOW            NO
 L0030468         0   0.29586E-02  480851.0 3733684.9   431.9     3.06     4.05
2.85     YES   HRDOW            NO
 L0030469         0   0.29586E-02  480859.7 3733684.8   432.0     3.06     4.05
2.85     YES   HRDOW            NO
 L0030470         0   0.29586E-02  480868.4 3733684.8   432.1     3.06     4.05
2.85     YES   HRDOW            NO
 L0030471         0   0.29586E-02  480877.1 3733684.7   432.1     3.06     4.05
2.85     YES   HRDOW            NO
 L0030472         0   0.29586E-02  480885.8 3733684.7   432.2     3.06     4.05
2.85     YES   HRDOW            NO
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0030474	0	0.29586E-02	480903.2	3733684.5	432.1	3.06	4.05	2.85	YES	HRDOW	NO
L0030475	0	0.29586E-02	480911.9	3733684.5	431.9	3.06	4.05	2.85	YES	HRDOW	NO
L0030476	0	0.29586E-02	480920.6	3733684.4	431.8	3.06	4.05	2.85	YES	HRDOW	NO
L0030477	0	0.29586E-02	480929.3	3733684.4	431.8	3.06	4.05	2.85	YES	HRDOW	NO
L0030478	0	0.29586E-02	480938.0	3733684.3	431.8	3.06	4.05	2.85	YES	HRDOW	NO
L0030479	0	0.29586E-02	480946.7	3733684.3	431.8	3.06	4.05	2.85	YES	HRDOW	NO
L0030480	0	0.29586E-02	480955.4	3733684.2	431.8	3.06	4.05	2.85	YES	HRDOW	NO
L0030481	0	0.29586E-02	480964.0	3733684.2	431.8	3.06	4.05	2.85	YES	HRDOW	NO
L0030482	0	0.29586E-02	480972.8	3733684.1	431.8	3.06	4.05	2.85	YES	HRDOW	NO
L0030483	0	0.29586E-02	480981.5	3733684.0	431.8	3.06	4.05	2.85	YES	HRDOW	NO
L0030484	0	0.29586E-02	480990.1	3733684.0	431.8	3.06	4.05	2.85	YES	HRDOW	NO
L0030485	0	0.29586E-02	480998.8	3733683.9	431.8	3.06	4.05	2.85	YES	HRDOW	NO
L0030486	0	0.29586E-02	481007.5	3733683.9	431.8	3.06	4.05	2.85	YES	HRDOW	NO
L0030487	0	0.29586E-02	481016.2	3733683.8	431.8	3.06	4.05	2.85	YES	HRDOW	NO

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 L0030488         0   0.29586E-02  481024.9 3733683.8   431.9     3.06     4.05
2.85     YES   HRDOW            NO
 L0030489         0   0.29586E-02  481033.6 3733683.7   431.9     3.06     4.05
2.85     YES   HRDOW            NO
 L0030490         0   0.29586E-02  481042.3 3733683.6   431.8     3.06     4.05
2.85     YES   HRDOW            NO
 L0030491         0   0.29586E-02  481051.0 3733683.6   431.8     3.06     4.05
2.85     YES   HRDOW            NO
 L0030492         0   0.29586E-02  481059.7 3733683.5   431.8     3.06     4.05
2.85     YES   HRDOW            NO
 L0030493         0   0.29586E-02  481068.4 3733683.5   431.8     3.06     4.05
2.85     YES   HRDOW            NO
 L0030494         0   0.29586E-02  481077.1 3733683.4   431.8     3.06     4.05
2.85     YES   HRDOW            NO
 L0030495         0   0.29586E-02  481085.8 3733683.4   431.8     3.06     4.05
2.85     YES   HRDOW            NO
 L0030496         0   0.29586E-02  481094.5 3733683.3   431.8     3.06     4.05
2.85     YES   HRDOW            NO
 L0030497         0   0.29586E-02  481103.2 3733683.3   431.8     3.06     4.05
2.85     YES   HRDOW            NO
 L0030498         0   0.29586E-02  481111.9 3733683.2   431.8     3.06     4.05
2.85     YES   HRDOW            NO
 L0030499         0   0.29586E-02  481120.6 3733683.1   431.8     3.06     4.05
2.85     YES   HRDOW            NO
 L0030500         0   0.29586E-02  481129.3 3733683.1   431.8     3.06     4.05
2.85     YES   HRDOW            NO
 L0030501         0   0.29586E-02  481138.0 3733683.0   431.8     3.06     4.05
2.85     YES   HRDOW            NO
 L0030502         0   0.29586E-02  481146.7 3733683.0   431.8     3.06     4.05
2.85     YES   HRDOW            NO
 L0030503         0   0.29586E-02  481155.4 3733682.9   431.8     3.06     4.05
2.85     YES   HRDOW            NO
 L0030504         0   0.29586E-02  481164.1 3733682.9   431.9     3.06     4.05
2.85     YES   HRDOW            NO
 L0030505         0   0.29586E-02  481172.8 3733682.8   431.9     3.06     4.05
2.85     YES   HRDOW            NO
 L0030506         0   0.29586E-02  481181.5 3733682.8   431.9     3.06     4.05
2.85     YES   HRDOW            NO
 L0030507         0   0.29586E-02  481190.2 3733682.7   431.9     3.06     4.05
2.85     YES   HRDOW            NO
 L0030508         0   0.29586E-02  481198.9 3733682.6   431.9     3.06     4.05
2.85     YES   HRDOW            NO
 L0030509         0   0.29586E-02  481207.6 3733682.6   431.9     3.06     4.05
2.85     YES   HRDOW            NO
 L0030510         0   0.29586E-02  481216.3 3733682.5   431.9     3.06     4.05
2.85     YES   HRDOW            NO
 L0030511         0   0.29586E-02  481225.0 3733682.5   431.9     3.06     4.05
2.85     YES   HRDOW            NO
 L0030512         0   0.29586E-02  481233.7 3733682.4   432.0     3.06     4.05
2.85     YES   HRDOW            NO
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0030513	0	0.29586E-02	481242.4	3733682.4	432.0	3.06	4.05	2.85	YES	HRDOW	NO
L0030514	0	0.29586E-02	481251.1	3733682.3	432.0	3.06	4.05	2.85	YES	HRDOW	NO
L0030515	0	0.29586E-02	481259.8	3733682.3	432.0	3.06	4.05	2.85	YES	HRDOW	NO
L0030516	0	0.29586E-02	481268.5	3733682.2	432.1	3.06	4.05	2.85	YES	HRDOW	NO
L0030517	0	0.29586E-02	481277.2	3733682.1	432.1	3.06	4.05	2.85	YES	HRDOW	NO
L0030518	0	0.29586E-02	481285.9	3733682.1	432.1	3.06	4.05	2.85	YES	HRDOW	NO
L0030519	0	0.29586E-02	481294.6	3733682.0	432.1	3.06	4.05	2.85	YES	HRDOW	NO
L0030520	0	0.29586E-02	481303.3	3733682.0	432.1	3.06	4.05	2.85	YES	HRDOW	NO
L0030521	0	0.29586E-02	481312.0	3733681.9	432.1	3.06	4.05	2.85	YES	HRDOW	NO
L0030522	0	0.29586E-02	481320.7	3733681.9	432.1	3.06	4.05	2.85	YES	HRDOW	NO
L0030523	0	0.29586E-02	481329.4	3733681.8	432.1	3.06	4.05	2.85	YES	HRDOW	NO
L0030524	0	0.29586E-02	481338.1	3733681.8	432.1	3.06	4.05	2.85	YES	HRDOW	NO
L0030525	0	0.29586E-02	481346.8	3733681.7	432.1	3.06	4.05	2.85	YES	HRDOW	NO
L0030526	0	0.29586E-02	481355.5	3733681.6	432.1	3.06	4.05	2.85	YES	HRDOW	NO
L0030527	0	0.29586E-02	481364.2	3733681.6	432.1	3.06	4.05	2.85	YES	HRDOW	NO

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 L0030528         0   0.29586E-02  481372.9 3733681.5   432.1     3.06     4.05
2.85     YES   HRDOW            NO
 L0030529         0   0.29586E-02  481381.6 3733681.5   432.1     3.06     4.05
2.85     YES   HRDOW            NO
 L0030530         0   0.29586E-02  481390.3 3733681.4   432.1     3.06     4.05
2.85     YES   HRDOW            NO
 L0030531         0   0.29586E-02  481399.0 3733681.4   432.1     3.06     4.05
2.85     YES   HRDOW            NO
 L0030532         0   0.29586E-02  481407.7 3733681.3   432.1     3.06     4.05
2.85     YES   HRDOW            NO
 L0030533         0   0.29586E-02  481416.4 3733681.3   432.1     3.06     4.05
2.85     YES   HRDOW            NO
 L0030534         0   0.29586E-02  481425.1 3733681.2   432.1     3.06     4.05
2.85     YES   HRDOW            NO
 L0030535         0   0.29586E-02  481433.8 3733681.1   432.2     3.06     4.05
2.85     YES   HRDOW            NO
 L0030536         0   0.29586E-02  481442.5 3733681.1   432.2     3.06     4.05
2.85     YES   HRDOW            NO
 L0030537         0   0.29586E-02  481451.2 3733681.0   432.2     3.06     4.05
2.85     YES   HRDOW            NO
 L0030538         0   0.29586E-02  481459.9 3733681.0   432.2     3.06     4.05
2.85     YES   HRDOW            NO
 L0030539         0   0.29586E-02  481468.6 3733680.9   432.2     3.06     4.05
2.85     YES   HRDOW            NO
 L0030540         0   0.29586E-02  481477.3 3733680.9   432.3     3.06     4.05
2.85     YES   HRDOW            NO
 L0030541         0   0.29586E-02  481486.0 3733680.8   432.3     3.06     4.05
2.85     YES   HRDOW            NO
 L0030542         0   0.29586E-02  481494.7 3733680.8   432.3     3.06     4.05
2.85     YES   HRDOW            NO
 L0030543         0   0.29586E-02  481503.4 3733680.7   432.4     3.06     4.05
2.85     YES   HRDOW            NO
 L0030544         0   0.29586E-02  481512.1 3733680.6   432.4     3.06     4.05
2.85     YES   HRDOW            NO
 L0030545         0   0.29586E-02  481520.8 3733680.6   432.4     3.06     4.05
2.85     YES   HRDOW            NO
 L0030546         0   0.29586E-02  481529.5 3733680.5   432.4     3.06     4.05
2.85     YES   HRDOW            NO
 L0030547         0   0.29586E-02  481538.2 3733680.5   432.4     3.06     4.05
2.85     YES   HRDOW            NO
 L0030548         0   0.29586E-02  481546.9 3733680.4   432.4     3.06     4.05
2.85     YES   HRDOW            NO
 L0030549         0   0.29586E-02  481555.6 3733680.4   432.4     3.06     4.05
2.85     YES   HRDOW            NO
 L0030550         0   0.29586E-02  481564.3 3733680.3   432.4     3.06     4.05
2.85     YES   HRDOW            NO
 L0030551         0   0.29586E-02  481573.0 3733680.2   432.4     3.06     4.05
2.85     YES   HRDOW            NO
 L0030552         0   0.29586E-02  481581.7 3733680.2   432.4     3.06     4.05
2.85     YES   HRDOW            NO
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ	URBAN SOURCE	AIRCRAFT EMISSION RATE SCALAR VARY BY
L0030554	0	0.29586E-02	481599.1	3733680.1	432.4	3.06	4.05	2.85	YES	HRDOW NO
L0030555	0	0.29586E-02	481607.8	3733680.0	432.4	3.06	4.05	2.85	YES	HRDOW NO
L0030556	0	0.29586E-02	481616.5	3733680.0	432.4	3.06	4.05	2.85	YES	HRDOW NO
L0030557	0	0.29586E-02	481625.2	3733679.9	432.4	3.06	4.05	2.85	YES	HRDOW NO
L0030558	0	0.29586E-02	481633.9	3733679.9	432.4	3.06	4.05	2.85	YES	HRDOW NO
L0030559	0	0.29586E-02	481642.6	3733679.8	432.4	3.06	4.05	2.85	YES	HRDOW NO
L0030560	0	0.29586E-02	481651.3	3733679.7	432.5	3.06	4.05	2.85	YES	HRDOW NO
L0030561	0	0.29586E-02	481660.0	3733679.7	432.5	3.06	4.05	2.85	YES	HRDOW NO
L0030562	0	0.29586E-02	481668.7	3733679.6	432.5	3.06	4.05	2.85	YES	HRDOW NO
L0030563	0	0.29586E-02	481677.4	3733679.6	432.6	3.06	4.05	2.85	YES	HRDOW NO
L0030564	0	0.29586E-02	481686.1	3733679.5	432.6	3.06	4.05	2.85	YES	HRDOW NO
L0030565	0	0.29586E-02	481694.8	3733679.5	432.6	3.06	4.05	2.85	YES	HRDOW NO
L0030566	0	0.29586E-02	481703.5	3733679.4	432.6	3.06	4.05	2.85	YES	HRDOW NO
L0030567	0	0.29586E-02	481712.2	3733679.4	432.6	3.06	4.05	2.85	YES	HRDOW NO

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 L0030568         0   0.29586E-02  481720.9 3733679.3   432.6     3.06     4.05
2.85     YES   HRDOW            NO
 L0030569         0   0.29586E-02  481729.6 3733679.2   432.6     3.06     4.05
2.85     YES   HRDOW            NO
 L0030570         0   0.29586E-02  481738.3 3733679.2   432.7     3.06     4.05
2.85     YES   HRDOW            NO
 L0030571         0   0.29586E-02  481747.0 3733679.1   432.7     3.06     4.05
2.85     YES   HRDOW            NO
 L0030572         0   0.29586E-02  481755.7 3733679.1   432.8     3.06     4.05
2.85     YES   HRDOW            NO
 L0030573         0   0.29586E-02  481764.4 3733679.0   432.9     3.06     4.05
2.85     YES   HRDOW            NO
 L0030574         0   0.29586E-02  481773.1 3733679.0   433.1     3.06     4.05
2.85     YES   HRDOW            NO
 L0030575         0   0.29586E-02  481781.8 3733678.9   433.2     3.06     4.05
2.85     YES   HRDOW            NO
 L0030576         0   0.29586E-02  481790.5 3733678.9   433.2     3.06     4.05
2.85     YES   HRDOW            NO
 L0030577         0   0.29586E-02  481799.2 3733678.8   433.3     3.06     4.05
2.85     YES   HRDOW            NO
 L0030578         0   0.29586E-02  481807.9 3733678.7   433.3     3.06     4.05
2.85     YES   HRDOW            NO
 L0030579         0   0.29586E-02  481816.6 3733678.7   433.3     3.06     4.05
2.85     YES   HRDOW            NO
 L0030580         0   0.29586E-02  481825.3 3733678.6   433.3     3.06     4.05
2.85     YES   HRDOW            NO
 L0030581         0   0.29586E-02  481834.0 3733678.6   433.3     3.06     4.05
2.85     YES   HRDOW            NO
 L0030582         0   0.29586E-02  481842.7 3733678.5   433.3     3.06     4.05
2.85     YES   HRDOW            NO
 L0030583         0   0.29586E-02  481851.4 3733678.5   433.4     3.06     4.05
2.85     YES   HRDOW            NO
 L0030584         0   0.29586E-02  481860.1 3733678.4   433.4     3.06     4.05
2.85     YES   HRDOW            NO
 L0030585         0   0.29586E-02  481868.8 3733678.4   433.4     3.06     4.05
2.85     YES   HRDOW            NO
 L0030586         0   0.29586E-02  481877.5 3733678.3   433.4     3.06     4.05
2.85     YES   HRDOW            NO
 L0030587         0   0.29586E-02  481886.2 3733678.2   433.5     3.06     4.05
2.85     YES   HRDOW            NO
 L0030588         0   0.29586E-02  481894.9 3733678.2   433.5     3.06     4.05
2.85     YES   HRDOW            NO
 L0030589         0   0.29586E-02  481903.6 3733678.1   433.5     3.06     4.05
2.85     YES   HRDOW            NO
 L0030590         0   0.29586E-02  481912.3 3733678.1   433.5     3.06     4.05
2.85     YES   HRDOW            NO
 L0030591         0   0.29586E-02  481921.0 3733678.0   433.4     3.06     4.05
2.85     YES   HRDOW            NO
 L0030592         0   0.29586E-02  481929.7 3733678.0   433.4     3.06     4.05
2.85     YES   HRDOW            NO
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0030593	0	0.29586E-02	481938.4	3733677.9	433.4	3.06	4.05	2.85	YES	HRDOW	NO
L0030594	0	0.29586E-02	481947.1	3733677.8	433.3	3.06	4.05	2.85	YES	HRDOW	NO
L0030595	0	0.29586E-02	481955.8	3733677.8	433.3	3.06	4.05	2.85	YES	HRDOW	NO
L0030596	0	0.29586E-02	481964.5	3733677.7	433.4	3.06	4.05	2.85	YES	HRDOW	NO
L0030597	0	0.29586E-02	481973.2	3733677.7	433.4	3.06	4.05	2.85	YES	HRDOW	NO
L0030598	0	0.29586E-02	481981.9	3733677.6	433.5	3.06	4.05	2.85	YES	HRDOW	NO
L0030599	0	0.29586E-02	481990.6	3733677.6	433.5	3.06	4.05	2.85	YES	HRDOW	NO
L0030600	0	0.29586E-02	481999.3	3733677.5	433.5	3.06	4.05	2.85	YES	HRDOW	NO
L0030601	0	0.29586E-02	482008.0	3733677.5	433.5	3.06	4.05	2.85	YES	HRDOW	NO
L0030602	0	0.29586E-02	482016.7	3733677.4	433.6	3.06	4.05	2.85	YES	HRDOW	NO
L0030603	0	0.29586E-02	482025.4	3733677.3	433.6	3.06	4.05	2.85	YES	HRDOW	NO
L0030604	0	0.29586E-02	482034.1	3733677.3	433.7	3.06	4.05	2.85	YES	HRDOW	NO
L0030605	0	0.29586E-02	482042.8	3733677.2	433.8	3.06	4.05	2.85	YES	HRDOW	NO
L0030606	0	0.29586E-02	482051.5	3733677.2	434.0	3.06	4.05	2.85	YES	HRDOW	NO
L0030607	0	0.29586E-02	482060.2	3733677.1	434.1	3.06	4.05	2.85	YES	HRDOW	NO

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 L0030608         0   0.29586E-02  482068.9 3733677.1   434.2     3.06     4.05
2.85     YES   HRDOW            NO
 L0030609         0   0.29586E-02  482077.6 3733677.0   434.3     3.06     4.05
2.85     YES   HRDOW            NO
 L0030610         0   0.29586E-02  482086.3 3733677.0   434.4     3.06     4.05
2.85     YES   HRDOW            NO
 L0030611         0   0.29586E-02  482095.0 3733676.9   434.4     3.06     4.05
2.85     YES   HRDOW            NO
 L0030612         0   0.29586E-02  482103.7 3733676.8   434.4     3.06     4.05
2.85     YES   HRDOW            NO
 L0030613         0   0.29586E-02  482112.4 3733676.8   434.5     3.06     4.05
2.85     YES   HRDOW            NO
 L0030614         0   0.29586E-02  482121.1 3733676.7   434.5     3.06     4.05
2.85     YES   HRDOW            NO
 L0030615         0   0.29586E-02  482129.8 3733676.7   434.5     3.06     4.05
2.85     YES   HRDOW            NO
 L0030616         0   0.29586E-02  482138.5 3733676.6   434.6     3.06     4.05
2.85     YES   HRDOW            NO
 L0030617         0   0.29586E-02  482147.2 3733676.6   434.7     3.06     4.05
2.85     YES   HRDOW            NO
 L0030618         0   0.29586E-02  482155.9 3733676.5   434.7     3.06     4.05
2.85     YES   HRDOW            NO
 L0030619         0   0.29586E-02  482164.6 3733676.5   434.8     3.06     4.05
2.85     YES   HRDOW            NO
 L0030620         0   0.29586E-02  482173.3 3733676.4   435.0     3.06     4.05
2.85     YES   HRDOW            NO
 L0030621         0   0.29586E-02  482182.0 3733676.3   435.1     3.06     4.05
2.85     YES   HRDOW            NO
 L0030622         0   0.29586E-02  482190.7 3733676.3   435.3     3.06     4.05
2.85     YES   HRDOW            NO
 L0030623         0   0.29586E-02  482199.4 3733676.2   435.6     3.06     4.05
2.85     YES   HRDOW            NO
 L0030624         0   0.29586E-02  482208.1 3733676.2   435.8     3.06     4.05
2.85     YES   HRDOW            NO
 L0030625         0   0.29586E-02  482216.8 3733676.1   436.1     3.06     4.05
2.85     YES   HRDOW            NO
 L0030626         0   0.29586E-02  482225.5 3733676.1   436.4     3.06     4.05
2.85     YES   HRDOW            NO
 L0030627         0   0.29586E-02  482234.2 3733676.0   436.7     3.06     4.05
2.85     YES   HRDOW            NO
 L0030628         0   0.29586E-02  482242.9 3733676.0   437.0     3.06     4.05
2.85     YES   HRDOW            NO
 L0030629         0   0.29586E-02  482251.6 3733675.9   437.3     3.06     4.05
2.85     YES   HRDOW            NO
 L0030630         0   0.29586E-02  482260.3 3733675.8   437.7     3.06     4.05
2.85     YES   HRDOW            NO
 L0030631         0   0.29586E-02  482269.0 3733675.8   438.0     3.06     4.05
2.85     YES   HRDOW            NO
 L0030632         0   0.29586E-02  482277.7 3733675.7   438.3     3.06     4.05
2.85     YES   HRDOW            NO
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0030634	0	0.29586E-02	482295.1	3733675.6	438.8	3.06	4.05	2.85	YES	HRDOW	NO
L0030635	0	0.29586E-02	482303.8	3733675.6	439.1	3.06	4.05	2.85	YES	HRDOW	NO
L0030636	0	0.29586E-02	482312.5	3733675.5	439.3	3.06	4.05	2.85	YES	HRDOW	NO
L0030637	0	0.29586E-02	482321.2	3733675.4	439.6	3.06	4.05	2.85	YES	HRDOW	NO
L0030638	0	0.29586E-02	482329.9	3733675.4	439.9	3.06	4.05	2.85	YES	HRDOW	NO
L0030639	0	0.10870E-01	482328.9	3733679.7	439.6	3.06	4.05	2.85	YES	HRDOW	NO
L0030640	0	0.10870E-01	482320.2	3733679.7	439.3	3.06	4.05	2.85	YES	HRDOW	NO
L0030641	0	0.10870E-01	482311.5	3733679.8	439.0	3.06	4.05	2.85	YES	HRDOW	NO
L0030642	0	0.10870E-01	482302.8	3733679.8	438.7	3.06	4.05	2.85	YES	HRDOW	NO
L0030643	0	0.10870E-01	482294.1	3733679.9	438.5	3.06	4.05	2.85	YES	HRDOW	NO
L0030644	0	0.10870E-01	482285.4	3733679.9	438.3	3.06	4.05	2.85	YES	HRDOW	NO
L0030645	0	0.10870E-01	482276.7	3733679.9	438.0	3.06	4.05	2.85	YES	HRDOW	NO
L0030646	0	0.10870E-01	482268.0	3733680.0	437.7	3.06	4.05	2.85	YES	HRDOW	NO
L0030647	0	0.10870E-01	482259.3	3733680.0	437.4	3.06	4.05	2.85	YES	HRDOW	NO

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 L0030648         0   0.10870E-01  482250.6 3733680.0   437.1     3.06     4.05
2.85     YES   HRDOW            NO
 L0030649         0   0.10870E-01  482241.9 3733680.1   436.8     3.06     4.05
2.85     YES   HRDOW            NO
 L0030650         0   0.10870E-01  482233.2 3733680.1   436.5     3.06     4.05
2.85     YES   HRDOW            NO
 L0030651         0   0.10870E-01  482224.5 3733680.2   436.2     3.06     4.05
2.85     YES   HRDOW            NO
 L0030652         0   0.10870E-01  482215.8 3733680.2   436.0     3.06     4.05
2.85     YES   HRDOW            NO
 L0030653         0   0.10870E-01  482207.1 3733680.2   435.7     3.06     4.05
2.85     YES   HRDOW            NO
 L0030654         0   0.10870E-01  482198.4 3733680.3   435.5     3.06     4.05
2.85     YES   HRDOW            NO
 L0030655         0   0.10870E-01  482189.7 3733680.3   435.3     3.06     4.05
2.85     YES   HRDOW            NO
 L0030656         0   0.10870E-01  482181.0 3733680.3   435.1     3.06     4.05
2.85     YES   HRDOW            NO
 L0030657         0   0.10870E-01  482172.3 3733680.4   434.9     3.06     4.05
2.85     YES   HRDOW            NO
 L0030658         0   0.10870E-01  482163.6 3733680.4   434.8     3.06     4.05
2.85     YES   HRDOW            NO
 L0030659         0   0.10870E-01  482154.9 3733680.5   434.7     3.06     4.05
2.85     YES   HRDOW            NO
 L0030660         0   0.10870E-01  482146.2 3733680.5   434.6     3.06     4.05
2.85     YES   HRDOW            NO
 L0030661         0   0.10870E-01  482137.5 3733680.5   434.6     3.06     4.05
2.85     YES   HRDOW            NO
 L0030662         0   0.10870E-01  482128.8 3733680.6   434.5     3.06     4.05
2.85     YES   HRDOW            NO
 L0030663         0   0.10870E-01  482120.1 3733680.6   434.5     3.06     4.05
2.85     YES   HRDOW            NO
 L0030664         0   0.10870E-01  482111.4 3733680.7   434.4     3.06     4.05
2.85     YES   HRDOW            NO
 L0030665         0   0.10870E-01  482102.7 3733680.7   434.4     3.06     4.05
2.85     YES   HRDOW            NO
 L0030666         0   0.10870E-01  482094.0 3733680.7   434.4     3.06     4.05
2.85     YES   HRDOW            NO
 L0030667         0   0.10870E-01  482085.3 3733680.8   434.3     3.06     4.05
2.85     YES   HRDOW            NO
 L0030668         0   0.10870E-01  482076.6 3733680.8   434.2     3.06     4.05
2.85     YES   HRDOW            NO
 L0030669         0   0.10870E-01  482067.9 3733680.8   434.1     3.06     4.05
2.85     YES   HRDOW            NO
 L0030670         0   0.10870E-01  482059.2 3733680.9   434.0     3.06     4.05
2.85     YES   HRDOW            NO
 L0030671         0   0.10870E-01  482050.5 3733680.9   433.8     3.06     4.05
2.85     YES   HRDOW            NO
 L0030672         0   0.10870E-01  482041.8 3733681.0   433.7     3.06     4.05
2.85     YES   HRDOW            NO
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0030674	0	0.10870E-01	482024.4	3733681.0	433.4	3.06	4.05	2.85	YES	HRDOW	NO
L0030675	0	0.10870E-01	482015.7	3733681.1	433.4	3.06	4.05	2.85	YES	HRDOW	NO
L0030676	0	0.10870E-01	482007.0	3733681.1	433.4	3.06	4.05	2.85	YES	HRDOW	NO
L0030677	0	0.10870E-01	481998.3	3733681.1	433.3	3.06	4.05	2.85	YES	HRDOW	NO
L0030678	0	0.10870E-01	481989.6	3733681.2	433.3	3.06	4.05	2.85	YES	HRDOW	NO
L0030679	0	0.10870E-01	481980.9	3733681.2	433.3	3.06	4.05	2.85	YES	HRDOW	NO
L0030680	0	0.10870E-01	481972.2	3733681.3	433.2	3.06	4.05	2.85	YES	HRDOW	NO
L0030681	0	0.10870E-01	481963.5	3733681.3	433.2	3.06	4.05	2.85	YES	HRDOW	NO
L0030682	0	0.10870E-01	481954.8	3733681.3	433.1	3.06	4.05	2.85	YES	HRDOW	NO
L0030683	0	0.10870E-01	481946.1	3733681.4	433.1	3.06	4.05	2.85	YES	HRDOW	NO
L0030684	0	0.10870E-01	481937.5	3733681.4	433.2	3.06	4.05	2.85	YES	HRDOW	NO
L0030685	0	0.10870E-01	481928.8	3733681.5	433.3	3.06	4.05	2.85	YES	HRDOW	NO
L0030686	0	0.10870E-01	481920.0	3733681.5	433.4	3.06	4.05	2.85	YES	HRDOW	NO
L0030687	0	0.10870E-01	481911.3	3733681.5	433.4	3.06	4.05	2.85	YES	HRDOW	NO

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 L0030688         0   0.10870E-01  481902.6 3733681.6   433.5     3.06     4.05
2.85     YES   HRDOW            NO
 L0030689         0   0.10870E-01  481894.0 3733681.6   433.5     3.06     4.05
2.85     YES   HRDOW            NO
 L0030690         0   0.10870E-01  481885.2 3733681.6   433.5     3.06     4.05
2.85     YES   HRDOW            NO
 L0030691         0   0.10870E-01  481876.5 3733681.7   433.4     3.06     4.05
2.85     YES   HRDOW            NO
 L0030692         0   0.10870E-01  481867.9 3733681.7   433.4     3.06     4.05
2.85     YES   HRDOW            NO
 L0030693         0   0.10870E-01  481859.2 3733681.8   433.4     3.06     4.05
2.85     YES   HRDOW            NO
 L0030694         0   0.10870E-01  481850.5 3733681.8   433.3     3.06     4.05
2.85     YES   HRDOW            NO
 L0030695         0   0.10870E-01  481841.8 3733681.8   433.3     3.06     4.05
2.85     YES   HRDOW            NO
 L0030696         0   0.10870E-01  481833.1 3733681.9   433.3     3.06     4.05
2.85     YES   HRDOW            NO
 L0030697         0   0.10870E-01  481824.4 3733681.9   433.3     3.06     4.05
2.85     YES   HRDOW            NO
 L0030698         0   0.10870E-01  481815.7 3733681.9   433.3     3.06     4.05
2.85     YES   HRDOW            NO
 L0030699         0   0.10870E-01  481807.0 3733682.0   433.3     3.06     4.05
2.85     YES   HRDOW            NO
 L0030700         0   0.10870E-01  481798.3 3733682.0   433.3     3.06     4.05
2.85     YES   HRDOW            NO
 L0030701         0   0.10870E-01  481789.6 3733682.1   433.2     3.06     4.05
2.85     YES   HRDOW            NO
 L0030702         0   0.10870E-01  481780.9 3733682.1   433.1     3.06     4.05
2.85     YES   HRDOW            NO
 L0030703         0   0.10870E-01  481772.2 3733682.1   432.9     3.06     4.05
2.85     YES   HRDOW            NO
 L0030704         0   0.10870E-01  481763.5 3733682.2   432.8     3.06     4.05
2.85     YES   HRDOW            NO
 L0030705         0   0.10870E-01  481754.8 3733682.2   432.7     3.06     4.05
2.85     YES   HRDOW            NO
 L0030706         0   0.10870E-01  481746.1 3733682.3   432.5     3.06     4.05
2.85     YES   HRDOW            NO
 L0030707         0   0.10870E-01  481737.4 3733682.3   432.5     3.06     4.05
2.85     YES   HRDOW            NO
 L0030708         0   0.10870E-01  481728.7 3733682.3   432.4     3.06     4.05
2.85     YES   HRDOW            NO
 L0030709         0   0.10870E-01  481720.0 3733682.4   432.4     3.06     4.05
2.85     YES   HRDOW            NO
 L0030710         0   0.10870E-01  481711.3 3733682.4   432.4     3.06     4.05
2.85     YES   HRDOW            NO
 L0030711         0   0.10870E-01  481702.6 3733682.4   432.4     3.06     4.05
2.85     YES   HRDOW            NO
 L0030712         0   0.10870E-01  481693.9 3733682.5   432.4     3.06     4.05
2.85     YES   HRDOW            NO
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ	URBAN SOURCE	AIRCRAFT EMISSION RATE SCALAR VARY BY
L0030714	0	0.10870E-01	481688.1	3733671.1	433.1	3.06	4.05	2.85	YES	HRDOW NO
L0030715	0	0.10870E-01	481688.2	3733662.4	433.2	3.06	4.05	2.85	YES	HRDOW NO
L0030716	0	0.10870E-01	481688.3	3733653.7	433.2	3.06	4.05	2.85	YES	HRDOW NO
L0030717	0	0.10870E-01	481688.5	3733645.0	433.2	3.06	4.05	2.85	YES	HRDOW NO
L0030718	0	0.10870E-01	481688.6	3733636.3	433.2	3.06	4.05	2.85	YES	HRDOW NO
L0030719	0	0.10870E-01	481688.7	3733627.6	433.2	3.06	4.05	2.85	YES	HRDOW NO
L0030720	0	0.10870E-01	481688.8	3733618.9	433.1	3.06	4.05	2.85	YES	HRDOW NO
L0030721	0	0.10870E-01	481689.0	3733610.2	433.1	3.06	4.05	2.85	YES	HRDOW NO
L0030722	0	0.10870E-01	481689.1	3733601.5	433.1	3.06	4.05	2.85	YES	HRDOW NO
L0030723	0	0.10870E-01	481689.2	3733592.8	433.1	3.06	4.05	2.85	YES	HRDOW NO
L0030724	0	0.10870E-01	481689.4	3733584.1	433.1	3.06	4.05	2.85	YES	HRDOW NO
L0030725	0	0.10870E-01	481689.5	3733575.4	433.1	3.06	4.05	2.85	YES	HRDOW NO
L0030726	0	0.10870E-01	481689.6	3733566.7	433.1	3.06	4.05	2.85	YES	HRDOW NO
L0030727	0	0.10870E-01	481689.7	3733558.0	433.2	3.06	4.05	2.85	YES	HRDOW NO

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 L0030728         0   0.10870E-01  481689.9 3733549.3   433.2     3.06     4.05
2.85     YES   HRDOW            NO
 L0030729         0   0.10870E-01  481690.0 3733540.6   433.2     3.06     4.05
2.85     YES   HRDOW            NO
 L0030730         0   0.10870E-01  481690.1 3733531.9   433.1     3.06     4.05
2.85     YES   HRDOW            NO
 L0031240         0   0.49261E-02  479338.7 3732983.7   447.9     3.82     5.58
3.56     YES   HRDOW            NO
 L0031241         0   0.49261E-02  479338.6 3732995.6   447.6     3.82     5.58
3.56     YES   HRDOW            NO
 L0031242         0   0.49261E-02  479338.4 3733007.6   447.3     3.82     5.58
3.56     YES   HRDOW            NO
 L0031243         0   0.49261E-02  479338.3 3733019.6   447.1     3.82     5.58
3.56     YES   HRDOW            NO
 L0031244         0   0.49261E-02  479338.2 3733031.6   446.8     3.82     5.58
3.56     YES   HRDOW            NO
 L0031245         0   0.49261E-02  479338.1 3733043.6   446.5     3.82     5.58
3.56     YES   HRDOW            NO
 L0031246         0   0.49261E-02  479338.0 3733055.6   446.3     3.82     5.58
3.56     YES   HRDOW            NO
 L0031247         0   0.49261E-02  479337.8 3733067.6   446.0     3.82     5.58
3.56     YES   HRDOW            NO
 L0031248         0   0.49261E-02  479337.7 3733079.6   445.7     3.82     5.58
3.56     YES   HRDOW            NO
 L0031249         0   0.49261E-02  479337.6 3733091.6   445.5     3.82     5.58
3.56     YES   HRDOW            NO
 L0031250         0   0.49261E-02  479337.5 3733103.6   445.3     3.82     5.58
3.56     YES   HRDOW            NO
 L0031251         0   0.49261E-02  479337.4 3733115.6   445.0     3.82     5.58
3.56     YES   HRDOW            NO
 L0031252         0   0.49261E-02  479337.2 3733127.6   444.8     3.82     5.58
3.56     YES   HRDOW            NO
 L0031253         0   0.49261E-02  479337.1 3733139.6   444.6     3.82     5.58
3.56     YES   HRDOW            NO
 L0031254         0   0.49261E-02  479337.0 3733151.6   444.3     3.82     5.58
3.56     YES   HRDOW            NO
 L0031255         0   0.49261E-02  479336.9 3733163.6   444.1     3.82     5.58
3.56     YES   HRDOW            NO
 L0031256         0   0.49261E-02  479336.8 3733175.6   443.8     3.82     5.58
3.56     YES   HRDOW            NO
 L0031257         0   0.49261E-02  479346.5 3733177.9   443.7     3.82     5.58
3.56     YES   HRDOW            NO
 L0031258         0   0.49261E-02  479358.5 3733178.0   443.8     3.82     5.58
3.56     YES   HRDOW            NO
 L0031259         0   0.49261E-02  479362.7 3733170.3   444.0     3.82     5.58
3.56     YES   HRDOW            NO
 L0031260         0   0.49261E-02  479362.6 3733158.3   444.2     3.82     5.58
3.56     YES   HRDOW            NO
 L0031261         0   0.49261E-02  479362.5 3733146.3   444.5     3.82     5.58
3.56     YES   HRDOW            NO
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0031263	0	0.49261E-02	479362.4	3733122.3	445.0	3.82	5.58	3.56	YES	HRDOW	NO
L0031264	0	0.49261E-02	479362.4	3733110.3	445.3	3.82	5.58	3.56	YES	HRDOW	NO
L0031265	0	0.49261E-02	479362.3	3733098.3	445.5	3.82	5.58	3.56	YES	HRDOW	NO
L0031266	0	0.49261E-02	479362.2	3733086.3	445.8	3.82	5.58	3.56	YES	HRDOW	NO
L0031267	0	0.49261E-02	479362.2	3733074.3	446.1	3.82	5.58	3.56	YES	HRDOW	NO
L0031268	0	0.49261E-02	479362.1	3733062.3	446.3	3.82	5.58	3.56	YES	HRDOW	NO
L0031269	0	0.49261E-02	479362.0	3733050.3	446.6	3.82	5.58	3.56	YES	HRDOW	NO
L0031270	0	0.49261E-02	479362.0	3733038.3	446.8	3.82	5.58	3.56	YES	HRDOW	NO
L0031271	0	0.49261E-02	479361.9	3733026.3	447.0	3.82	5.58	3.56	YES	HRDOW	NO
L0031272	0	0.49261E-02	479361.9	3733014.3	447.3	3.82	5.58	3.56	YES	HRDOW	NO
L0031273	0	0.49261E-02	479361.8	3733002.3	447.5	3.82	5.58	3.56	YES	HRDOW	NO
L0031274	0	0.49261E-02	479361.7	3732990.3	447.8	3.82	5.58	3.56	YES	HRDOW	NO
L0031275	0	0.49261E-02	479361.7	3732978.3	448.1	3.82	5.58	3.56	YES	HRDOW	NO
L0031276	0	0.49261E-02	479373.0	3732977.7	448.1	3.82	5.58	3.56	YES	HRDOW	NO

L0031277	0	0.49261E-02	479385.0	3732977.8	448.2	3.82	5.58	3.56	YES	HRDOW	NO	
L0031278	0	0.49261E-02	479389.0	3732985.8	448.1	3.82	5.58	3.56	YES	HRDOW	NO	
L0031279	0	0.49261E-02	479388.8	3732997.8	447.8	3.82	5.58	3.56	YES	HRDOW	NO	
L0031280	0	0.49261E-02	479388.6	3733009.8	447.6	3.82	5.58	3.56	YES	HRDOW	NO	
L0031281	0	0.49261E-02	479388.4	3733021.8	447.4	3.82	5.58	3.56	YES	HRDOW	NO	
L0031282	0	0.49261E-02	479388.1	3733033.8	447.2	3.82	5.58	3.56	YES	HRDOW	NO	
L0031283	0	0.49261E-02	479387.9	3733045.8	446.9	3.82	5.58	3.56	YES	HRDOW	NO	
L0031284	0	0.49261E-02	479387.7	3733057.8	446.7	3.82	5.58	3.56	YES	HRDOW	NO	
L0031285	0	0.49261E-02	479387.5	3733069.8	446.4	3.82	5.58	3.56	YES	HRDOW	NO	
L0031286	0	0.49261E-02	479387.3	3733081.8	446.1	3.82	5.58	3.56	YES	HRDOW	NO	
L0031287	0	0.49261E-02	479387.1	3733093.8	445.9	3.82	5.58	3.56	YES	HRDOW	NO	
L0031288	0	0.49261E-02	479386.9	3733105.8	445.6	3.82	5.58	3.56	YES	HRDOW	NO	
L0031289	0	0.49261E-02	479386.7	3733117.8	445.3	3.82	5.58	3.56	YES	HRDOW	NO	
L0031290	0	0.49261E-02	479386.5	3733129.8	445.1	3.82	5.58	3.56	YES	HRDOW	NO	
L0031291	0	0.49261E-02	479386.3	3733141.7	444.8	3.82	5.58	3.56	YES	HRDOW	NO	
L0031292	0	0.49261E-02	479386.1	3733153.7	444.5	3.82	5.58	3.56	YES	HRDOW	NO	
L0031293	0	0.49261E-02	479385.9	3733165.7	444.3	3.82	5.58	3.56	YES	HRDOW	NO	
L0031294	0	0.49261E-02	479385.7	3733177.7	444.0	3.82	5.58	3.56	YES	HRDOW	NO	
L0031295	0	0.49261E-02	479395.5	3733179.7	444.1	3.82	5.58	3.56	YES	HRDOW	NO	
L0031296	0	0.49261E-02	479407.5	3733179.6	444.2	3.82	5.58	3.56	YES	HRDOW	NO	
L0031297	0	0.49261E-02	479410.0	3733169.9	444.5	3.82	5.58	3.56	YES	HRDOW	NO	
L0031298	0	0.49261E-02	479410.1	3733157.9	444.7	3.82	5.58	3.56	YES	HRDOW	NO	
L0031299	0	0.49261E-02	479410.2	3733145.9	445.0	3.82	5.58	3.56	YES	HRDOW	NO	
L0031300	0	0.49261E-02	479410.3	3733133.9	445.2	3.82	5.58	3.56	YES	HRDOW	NO	
L0031301	0	0.49261E-02	479410.4	3733121.9	445.5	3.82	5.58	3.56	YES	HRDOW	NO	

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0031303	0	0.49261E-02	479410.6	3733097.9	446.0	3.82	5.58	3.56	YES	HRDOW	NO
L0031304	0	0.49261E-02	479410.7	3733085.9	446.3	3.82	5.58	3.56	YES	HRDOW	NO
L0031305	0	0.49261E-02	479410.8	3733073.9	446.6	3.82	5.58	3.56	YES	HRDOW	NO
L0031306	0	0.49261E-02	479410.9	3733061.9	446.9	3.82	5.58	3.56	YES	HRDOW	NO
L0031307	0	0.49261E-02	479411.0	3733049.9	447.2	3.82	5.58	3.56	YES	HRDOW	NO
L0031308	0	0.49261E-02	479411.1	3733037.9	447.4	3.82	5.58	3.56	YES	HRDOW	NO
L0031309	0	0.49261E-02	479411.3	3733025.9	447.6	3.82	5.58	3.56	YES	HRDOW	NO
L0031310	0	0.49261E-02	479411.4	3733013.9	447.8	3.82	5.58	3.56	YES	HRDOW	NO
L0031311	0	0.49261E-02	479411.5	3733001.9	448.1	3.82	5.58	3.56	YES	HRDOW	NO
L0031312	0	0.49261E-02	479411.6	3732989.9	448.3	3.82	5.58	3.56	YES	HRDOW	NO
L0031313	0	0.49261E-02	479411.7	3732977.9	448.5	3.82	5.58	3.56	YES	HRDOW	NO
L0031314	0	0.49261E-02	479423.3	3732977.5	448.7	3.82	5.58	3.56	YES	HRDOW	NO
L0031315	0	0.49261E-02	479435.3	3732977.5	448.8	3.82	5.58	3.56	YES	HRDOW	NO
L0031316	0	0.49261E-02	479435.8	3732988.9	448.6	3.82	5.58	3.56	YES	HRDOW	NO

L0031317	0	0.49261E-02	479435.7	3733000.9	448.4	3.82	5.58	3.56	YES	HRDOW	NO
L0031318	0	0.49261E-02	479435.6	3733012.9	448.2	3.82	5.58	3.56	YES	HRDOW	NO
L0031319	0	0.49261E-02	479435.5	3733024.9	447.9	3.82	5.58	3.56	YES	HRDOW	NO
L0031320	0	0.49261E-02	479435.3	3733036.9	447.7	3.82	5.58	3.56	YES	HRDOW	NO
L0031321	0	0.49261E-02	479435.2	3733048.9	447.4	3.82	5.58	3.56	YES	HRDOW	NO
L0031322	0	0.49261E-02	479435.1	3733060.9	447.2	3.82	5.58	3.56	YES	HRDOW	NO
L0031323	0	0.49261E-02	479435.0	3733072.9	446.9	3.82	5.58	3.56	YES	HRDOW	NO
L0031324	0	0.49261E-02	479434.8	3733084.9	446.6	3.82	5.58	3.56	YES	HRDOW	NO
L0031325	0	0.49261E-02	479434.7	3733096.9	446.3	3.82	5.58	3.56	YES	HRDOW	NO
L0031326	0	0.49261E-02	479434.6	3733108.9	446.1	3.82	5.58	3.56	YES	HRDOW	NO
L0031327	0	0.49261E-02	479434.5	3733120.9	445.8	3.82	5.58	3.56	YES	HRDOW	NO
L0031328	0	0.49261E-02	479434.4	3733132.9	445.6	3.82	5.58	3.56	YES	HRDOW	NO
L0031329	0	0.49261E-02	479434.2	3733144.9	445.3	3.82	5.58	3.56	YES	HRDOW	NO
L0031330	0	0.49261E-02	479434.1	3733156.9	445.0	3.82	5.58	3.56	YES	HRDOW	NO
L0031331	0	0.49261E-02	479434.0	3733168.9	444.8	3.82	5.58	3.56	YES	HRDOW	NO
L0031332	0	0.49261E-02	479435.3	3733179.4	444.6	3.82	5.58	3.56	YES	HRDOW	NO
L0031333	0	0.49261E-02	479447.3	3733179.3	444.7	3.82	5.58	3.56	YES	HRDOW	NO
L0031334	0	0.49261E-02	479458.1	3733178.0	444.8	3.82	5.58	3.56	YES	HRDOW	NO
L0031335	0	0.49261E-02	479458.2	3733166.0	445.1	3.82	5.58	3.56	YES	HRDOW	NO
L0031336	0	0.49261E-02	479458.3	3733154.0	445.3	3.82	5.58	3.56	YES	HRDOW	NO
L0031337	0	0.49261E-02	479458.4	3733142.0	445.6	3.82	5.58	3.56	YES	HRDOW	NO
L0031338	0	0.49261E-02	479458.5	3733130.0	445.9	3.82	5.58	3.56	YES	HRDOW	NO
L0031339	0	0.49261E-02	479458.5	3733118.0	446.2	3.82	5.58	3.56	YES	HRDOW	NO
L0031340	0	0.49261E-02	479458.6	3733106.0	446.4	3.82	5.58	3.56	YES	HRDOW	NO
L0031341	0	0.49261E-02	479458.7	3733094.0	446.6	3.82	5.58	3.56	YES	HRDOW	NO

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0031343	0	0.49261E-02	479458.9	3733070.0	447.1	3.82	5.58	3.56	YES	HRDOW	NO
L0031344	0	0.49261E-02	479458.9	3733058.0	447.4	3.82	5.58	3.56	YES	HRDOW	NO
L0031345	0	0.49261E-02	479459.0	3733046.0	447.7	3.82	5.58	3.56	YES	HRDOW	NO
L0031346	0	0.49261E-02	479459.1	3733034.0	447.9	3.82	5.58	3.56	YES	HRDOW	NO
L0031347	0	0.49261E-02	479459.2	3733022.0	448.2	3.82	5.58	3.56	YES	HRDOW	NO
L0031348	0	0.49261E-02	479459.3	3733010.0	448.5	3.82	5.58	3.56	YES	HRDOW	NO
L0031349	0	0.49261E-02	479459.3	3732998.0	448.7	3.82	5.58	3.56	YES	HRDOW	NO
L0031350	0	0.49261E-02	479459.4	3732986.0	449.0	3.82	5.58	3.56	YES	HRDOW	NO
L0031351	0	0.49261E-02	479463.1	3732977.7	449.2	3.82	5.58	3.56	YES	HRDOW	NO
L0031352	0	0.49261E-02	479475.1	3732977.7	449.2	3.82	5.58	3.56	YES	HRDOW	NO
L0031353	0	0.49261E-02	479485.5	3732979.3	449.2	3.82	5.58	3.56	YES	HRDOW	NO
L0031354	0	0.49261E-02	479485.2	3732991.3	449.0	3.82	5.58	3.56	YES	HRDOW	NO
L0031355	0	0.49261E-02	479484.9	3733003.3	448.7	3.82	5.58	3.56	YES	HRDOW	NO
L0031356	0	0.49261E-02	479484.7	3733015.3	448.5	3.82	5.58	3.56	YES	HRDOW	NO

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 L0031357         0   0.49261E-02  479484.4 3733027.3   448.2     3.82     5.58
3.56     YES   HRDOW            NO
 L0031358         0   0.49261E-02  479484.2 3733039.3   448.0     3.82     5.58
3.56     YES   HRDOW            NO
 L0031359         0   0.49261E-02  479483.9 3733051.3   447.7     3.82     5.58
3.56     YES   HRDOW            NO
 L0031360         0   0.49261E-02  479483.6 3733063.3   447.4     3.82     5.58
3.56     YES   HRDOW            NO
 L0031361         0   0.49261E-02  479483.4 3733075.3   447.2     3.82     5.58
3.56     YES   HRDOW            NO
 L0031362         0   0.49261E-02  479493.2 3733077.4   447.2     3.82     5.58
3.56     YES   HRDOW            NO
 L0031363         0   0.49261E-02  479505.2 3733077.4   447.2     3.82     5.58
3.56     YES   HRDOW            NO
 L0031364         0   0.49261E-02  479505.8 3733066.0   447.4     3.82     5.58
3.56     YES   HRDOW            NO
 L0031365         0   0.49261E-02  479505.8 3733054.0   447.7     3.82     5.58
3.56     YES   HRDOW            NO
 L0031366         0   0.49261E-02  479505.9 3733042.0   447.9     3.82     5.58
3.56     YES   HRDOW            NO
 L0031367         0   0.49261E-02  479505.9 3733030.0   448.2     3.82     5.58
3.56     YES   HRDOW            NO
 L0031368         0   0.49261E-02  479505.9 3733018.0   448.4     3.82     5.58
3.56     YES   HRDOW            NO
 L0031369         0   0.49261E-02  479505.9 3733006.0   448.7     3.82     5.58
3.56     YES   HRDOW            NO
 L0031370         0   0.49261E-02  479505.9 3732994.0   448.9     3.82     5.58
3.56     YES   HRDOW            NO
 L0031371         0   0.49261E-02  479505.9 3732982.0   449.2     3.82     5.58
3.56     YES   HRDOW            NO
 L0031372         0   0.49261E-02  479514.1 3732978.0   449.2     3.82     5.58
3.56     YES   HRDOW            NO
 L0031373         0   0.49261E-02  479526.1 3732977.8   449.2     3.82     5.58
3.56     YES   HRDOW            NO
 L0031374         0   0.49261E-02  479529.5 3732986.2   449.0     3.82     5.58
3.56     YES   HRDOW            NO
 L0031375         0   0.49261E-02  479529.2 3732998.2   448.8     3.82     5.58
3.56     YES   HRDOW            NO
 L0031376         0   0.49261E-02  479528.9 3733010.2   448.5     3.82     5.58
3.56     YES   HRDOW            NO
 L0031377         0   0.49261E-02  479528.7 3733022.2   448.2     3.82     5.58
3.56     YES   HRDOW            NO
 L0031378         0   0.49261E-02  479528.4 3733034.2   448.0     3.82     5.58
3.56     YES   HRDOW            NO
 L0031379         0   0.49261E-02  479528.1 3733046.2   447.7     3.82     5.58
3.56     YES   HRDOW            NO
 L0031380         0   0.49261E-02  479527.9 3733058.2   447.4     3.82     5.58
3.56     YES   HRDOW            NO
 L0031381         0   0.49261E-02  479527.6 3733070.2   447.2     3.82     5.58
3.56     YES   HRDOW            NO
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ	URBAN SOURCE	AIRCRAFT EMISSION RATE SCALAR VARY BY
L0031383	0	0.49261E-02	479541.6	3733080.1	446.9	3.82	5.58	3.56	YES	HRDOW NO
L0031384	0	0.49261E-02	479550.5	3733077.0	446.9	3.82	5.58	3.56	YES	HRDOW NO
L0031385	0	0.49261E-02	479550.5	3733065.0	447.1	3.82	5.58	3.56	YES	HRDOW NO
L0031386	0	0.49261E-02	479550.5	3733053.0	447.4	3.82	5.58	3.56	YES	HRDOW NO
L0031387	0	0.49261E-02	479550.5	3733041.0	447.7	3.82	5.58	3.56	YES	HRDOW NO
L0031388	0	0.49261E-02	479550.5	3733029.0	448.0	3.82	5.58	3.56	YES	HRDOW NO
L0031389	0	0.49261E-02	479550.5	3733017.0	448.3	3.82	5.58	3.56	YES	HRDOW NO
L0031390	0	0.49261E-02	479550.5	3733005.0	448.6	3.82	5.58	3.56	YES	HRDOW NO
L0031391	0	0.49261E-02	479550.5	3732993.0	448.9	3.82	5.58	3.56	YES	HRDOW NO
L0031392	0	0.49261E-02	479550.5	3732981.0	449.2	3.82	5.58	3.56	YES	HRDOW NO
L0031393	0	0.49261E-02	479560.6	3732979.7	449.2	3.82	5.58	3.56	YES	HRDOW NO
L0031394	0	0.49261E-02	479572.6	3732980.4	449.2	3.82	5.58	3.56	YES	HRDOW NO
L0031395	0	0.49261E-02	479576.9	3732988.3	449.0	3.82	5.58	3.56	YES	HRDOW NO
L0031396	0	0.49261E-02	479576.8	3733000.3	448.8	3.82	5.58	3.56	YES	HRDOW NO

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 L0031397         0   0.49261E-02  479576.8 3733012.3   448.5     3.82     5.58
3.56     YES   HRDOW            NO
 L0031398         0   0.49261E-02  479576.7 3733024.3   448.2     3.82     5.58
3.56     YES   HRDOW            NO
 L0031399         0   0.49261E-02  479576.6 3733036.3   447.9     3.82     5.58
3.56     YES   HRDOW            NO
 L0031400         0   0.49261E-02  479576.5 3733048.3   447.6     3.82     5.58
3.56     YES   HRDOW            NO
 L0031401         0   0.49261E-02  479576.4 3733060.3   447.3     3.82     5.58
3.56     YES   HRDOW            NO
 L0031402         0   0.49261E-02  479576.4 3733072.3   447.0     3.82     5.58
3.56     YES   HRDOW            NO
 L0031403         0   0.49261E-02  479581.7 3733078.8   446.9     3.82     5.58
3.56     YES   HRDOW            NO
 L0031404         0   0.49261E-02  479593.7 3733078.7   447.0     3.82     5.58
3.56     YES   HRDOW            NO
 L0031405         0   0.49261E-02  479600.2 3733073.0   447.2     3.82     5.58
3.56     YES   HRDOW            NO
 L0031406         0   0.49261E-02  479600.2 3733061.0   447.4     3.82     5.58
3.56     YES   HRDOW            NO
 L0031407         0   0.49261E-02  479600.3 3733049.0   447.6     3.82     5.58
3.56     YES   HRDOW            NO
 L0031408         0   0.49261E-02  479600.3 3733037.0   447.9     3.82     5.58
3.56     YES   HRDOW            NO
 L0031409         0   0.49261E-02  479600.4 3733025.0   448.2     3.82     5.58
3.56     YES   HRDOW            NO
 L0031410         0   0.49261E-02  479600.4 3733013.0   448.4     3.82     5.58
3.56     YES   HRDOW            NO
 L0031411         0   0.49261E-02  479600.5 3733001.0   448.7     3.82     5.58
3.56     YES   HRDOW            NO
 L0031412         0   0.49261E-02  479600.6 3732989.0   448.9     3.82     5.58
3.56     YES   HRDOW            NO
 L0031413         0   0.49261E-02  479604.3 3732980.8   449.1     3.82     5.58
3.56     YES   HRDOW            NO
 L0031414         0   0.49261E-02  479616.3 3732981.3   449.0     3.82     5.58
3.56     YES   HRDOW            NO
 L0031415         0   0.49261E-02  479624.2 3732985.5   448.9     3.82     5.58
3.56     YES   HRDOW            NO
 L0031416         0   0.49261E-02  479623.9 3732997.5   448.6     3.82     5.58
3.56     YES   HRDOW            NO
 L0031417         0   0.49261E-02  479623.7 3733009.5   448.4     3.82     5.58
3.56     YES   HRDOW            NO
 L0031418         0   0.49261E-02  479623.4 3733021.5   448.2     3.82     5.58
3.56     YES   HRDOW            NO
 L0031419         0   0.49261E-02  479623.2 3733033.5   447.9     3.82     5.58
3.56     YES   HRDOW            NO
 L0031420         0   0.49261E-02  479622.9 3733045.5   447.7     3.82     5.58
3.56     YES   HRDOW            NO
 L0031421         0   0.49261E-02  479622.7 3733057.5   447.5     3.82     5.58
3.56     YES   HRDOW            NO
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0031423	0	0.49261E-02	479627.9	3733075.8	447.1	3.82	5.58	3.56	YES	HRDOW	NO
L0031424	0	0.49261E-02	479639.9	3733075.7	447.1	3.82	5.58	3.56	YES	HRDOW	NO
L0031425	0	0.49261E-02	479647.1	3733070.8	447.1	3.82	5.58	3.56	YES	HRDOW	NO
L0031426	0	0.49261E-02	479647.1	3733058.8	447.3	3.82	5.58	3.56	YES	HRDOW	NO
L0031427	0	0.49261E-02	479647.1	3733046.8	447.5	3.82	5.58	3.56	YES	HRDOW	NO
L0031428	0	0.49261E-02	479647.2	3733034.8	447.8	3.82	5.58	3.56	YES	HRDOW	NO
L0031429	0	0.49261E-02	479647.2	3733022.8	448.0	3.82	5.58	3.56	YES	HRDOW	NO
L0031430	0	0.49261E-02	479647.2	3733010.8	448.2	3.82	5.58	3.56	YES	HRDOW	NO
L0031431	0	0.49261E-02	479647.3	3732998.8	448.4	3.82	5.58	3.56	YES	HRDOW	NO
L0031432	0	0.49261E-02	479647.3	3732986.8	448.6	3.82	5.58	3.56	YES	HRDOW	NO
L0031433	0	0.49261E-02	479656.3	3732983.9	448.6	3.82	5.58	3.56	YES	HRDOW	NO
L0031434	0	0.49261E-02	479668.3	3732984.0	448.4	3.82	5.58	3.56	YES	HRDOW	NO
L0031435	0	0.49261E-02	479671.3	3732992.9	448.2	3.82	5.58	3.56	YES	HRDOW	NO
L0031436	0	0.49261E-02	479671.1	3733004.9	448.0	3.82	5.58	3.56	YES	HRDOW	NO

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 L0031437         0   0.49261E-02  479671.0 3733016.9   447.8     3.82     5.58
3.56     YES   HRDOW            NO
 L0031438         0   0.49261E-02  479670.8 3733028.9   447.6     3.82     5.58
3.56     YES   HRDOW            NO
 L0031439         0   0.49261E-02  479670.7 3733040.9   447.4     3.82     5.58
3.56     YES   HRDOW            NO
 L0031440         0   0.49261E-02  479670.5 3733052.9   447.2     3.82     5.58
3.56     YES   HRDOW            NO
 L0031441         0   0.49261E-02  479670.3 3733064.9   447.0     3.82     5.58
3.56     YES   HRDOW            NO
 L0031442         0   0.49261E-02  479670.2 3733076.9   446.7     3.82     5.58
3.56     YES   HRDOW            NO
 L0031476         0   0.12346E-01  479664.6 3733478.7   439.0     3.82     5.58
3.56     YES   HRDOW            NO
 L0031477         0   0.12346E-01  479652.6 3733478.7   439.0     3.82     5.58
3.56     YES   HRDOW            NO
 L0031478         0   0.12346E-01  479640.6 3733478.8   439.1     3.82     5.58
3.56     YES   HRDOW            NO
 L0031479         0   0.12346E-01  479628.6 3733478.8   439.1     3.82     5.58
3.56     YES   HRDOW            NO
 L0031480         0   0.12346E-01  479616.6 3733478.8   439.2     3.82     5.58
3.56     YES   HRDOW            NO
 L0031481         0   0.12346E-01  479604.6 3733478.9   439.2     3.82     5.58
3.56     YES   HRDOW            NO
 L0031482         0   0.12346E-01  479592.6 3733478.9   439.2     3.82     5.58
3.56     YES   HRDOW            NO
 L0031483         0   0.12346E-01  479580.6 3733478.9   439.2     3.82     5.58
3.56     YES   HRDOW            NO
 L0031484         0   0.12346E-01  479568.6 3733478.9   439.1     3.82     5.58
3.56     YES   HRDOW            NO
 L0031485         0   0.12346E-01  479556.6 3733479.0   439.1     3.82     5.58
3.56     YES   HRDOW            NO
 L0031486         0   0.12346E-01  479544.6 3733479.0   439.0     3.82     5.58
3.56     YES   HRDOW            NO
 L0031487         0   0.12346E-01  479532.6 3733479.0   438.9     3.82     5.58
3.56     YES   HRDOW            NO
 L0031488         0   0.12346E-01  479520.6 3733479.1   438.9     3.82     5.58
3.56     YES   HRDOW            NO
 L0031489         0   0.12346E-01  479508.6 3733479.1   438.8     3.82     5.58
3.56     YES   HRDOW            NO
 L0031490         0   0.12346E-01  479496.6 3733479.1   438.8     3.82     5.58
3.56     YES   HRDOW            NO
 L0031491         0   0.12346E-01  479491.5 3733471.9   439.0     3.82     5.58
3.56     YES   HRDOW            NO
 L0031492         0   0.12346E-01  479490.8 3733459.9   439.2     3.82     5.58
3.56     YES   HRDOW            NO
 L0031493         0   0.12346E-01  479500.9 3733458.2   439.2     3.82     5.58
3.56     YES   HRDOW            NO
 L0031494         0   0.12346E-01  479512.9 3733458.3   439.2     3.82     5.58
3.56     YES   HRDOW            NO
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE BY	EMISSION RATE SCALAR VARY	AIRCRAFT
L0031496	0	0.12346E-01	479536.9	3733458.4	439.3	3.82	5.58	3.56	YES	HRDOW	NO
L0031497	0	0.12346E-01	479548.9	3733458.5	439.4	3.82	5.58	3.56	YES	HRDOW	NO
L0031498	0	0.12346E-01	479560.9	3733458.5	439.4	3.82	5.58	3.56	YES	HRDOW	NO
L0031499	0	0.12346E-01	479572.9	3733458.6	439.5	3.82	5.58	3.56	YES	HRDOW	NO
L0031500	0	0.12346E-01	479584.9	3733458.7	439.6	3.82	5.58	3.56	YES	HRDOW	NO
L0031501	0	0.12346E-01	479596.9	3733458.7	439.6	3.82	5.58	3.56	YES	HRDOW	NO
L0031502	0	0.12346E-01	479608.9	3733458.8	439.5	3.82	5.58	3.56	YES	HRDOW	NO
L0031503	0	0.12346E-01	479620.9	3733458.9	439.5	3.82	5.58	3.56	YES	HRDOW	NO
L0031504	0	0.12346E-01	479632.9	3733458.9	439.5	3.82	5.58	3.56	YES	HRDOW	NO
L0031505	0	0.12346E-01	479644.9	3733459.0	439.4	3.82	5.58	3.56	YES	HRDOW	NO
L0031506	0	0.12346E-01	479656.9	3733459.1	439.4	3.82	5.58	3.56	YES	HRDOW	NO
L0031507	0	0.12346E-01	479667.3	3733457.4	439.4	3.82	5.58	3.56	YES	HRDOW	NO
L0031508	0	0.12346E-01	479667.7	3733445.4	439.7	3.82	5.58	3.56	YES	HRDOW	NO
L0031509	0	0.12346E-01	479664.7	3733436.8	439.9	3.82	5.58	3.56	YES	HRDOW	NO

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 L0031510         0   0.12346E-01  479652.7 3733437.0   439.9     3.82     5.58
3.56     YES   HRDOW            NO
 L0031511         0   0.12346E-01  479640.7 3733437.1   439.9     3.82     5.58
3.56     YES   HRDOW            NO
 L0031512         0   0.12346E-01  479628.7 3733437.3   440.0     3.82     5.58
3.56     YES   HRDOW            NO
 L0031513         0   0.12346E-01  479616.7 3733437.4   440.0     3.82     5.58
3.56     YES   HRDOW            NO
 L0031514         0   0.12346E-01  479604.7 3733437.6   440.0     3.82     5.58
3.56     YES   HRDOW            NO
 L0031515         0   0.12346E-01  479592.7 3733437.7   440.0     3.82     5.58
3.56     YES   HRDOW            NO
 L0031516         0   0.12346E-01  479580.7 3733437.9   440.0     3.82     5.58
3.56     YES   HRDOW            NO
 L0031517         0   0.12346E-01  479568.7 3733438.0   439.9     3.82     5.58
3.56     YES   HRDOW            NO
 L0031518         0   0.12346E-01  479556.7 3733438.2   439.8     3.82     5.58
3.56     YES   HRDOW            NO
 L0031519         0   0.12346E-01  479544.7 3733438.3   439.7     3.82     5.58
3.56     YES   HRDOW            NO
 L0031520         0   0.12346E-01  479532.7 3733438.5   439.6     3.82     5.58
3.56     YES   HRDOW            NO
 L0031521         0   0.12346E-01  479520.7 3733438.6   439.6     3.82     5.58
3.56     YES   HRDOW            NO
 L0031522         0   0.12346E-01  479508.7 3733438.8   439.6     3.82     5.58
3.56     YES   HRDOW            NO
 L0031523         0   0.12346E-01  479496.7 3733438.9   439.6     3.82     5.58
3.56     YES   HRDOW            NO
 L0031524         0   0.12346E-01  479489.6 3733434.3   439.7     3.82     5.58
3.56     YES   HRDOW            NO
 L0031525         0   0.12346E-01  479490.0 3733422.3   439.9     3.82     5.58
3.56     YES   HRDOW            NO
 L0031526         0   0.12346E-01  479497.1 3733417.3   440.0     3.82     5.58
3.56     YES   HRDOW            NO
 L0031527         0   0.12346E-01  479509.1 3733417.4   440.0     3.82     5.58
3.56     YES   HRDOW            NO
 L0031528         0   0.12346E-01  479521.1 3733417.5   440.0     3.82     5.58
3.56     YES   HRDOW            NO
 L0031529         0   0.12346E-01  479533.1 3733417.6   440.0     3.82     5.58
3.56     YES   HRDOW            NO
 L0031530         0   0.12346E-01  479545.1 3733417.7   440.1     3.82     5.58
3.56     YES   HRDOW            NO
 L0031531         0   0.12346E-01  479557.1 3733417.8   440.1     3.82     5.58
3.56     YES   HRDOW            NO
 L0031532         0   0.12346E-01  479569.1 3733417.9   440.2     3.82     5.58
3.56     YES   HRDOW            NO
 L0031533         0   0.12346E-01  479581.1 3733418.0   440.4     3.82     5.58
3.56     YES   HRDOW            NO
 L0031534         0   0.12346E-01  479593.1 3733418.1   440.4     3.82     5.58
3.56     YES   HRDOW            NO
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0031536	0	0.12346E-01	479617.1	3733418.3	440.4	3.82	5.58	3.56	YES	HRDOW	NO
L0031537	0	0.12346E-01	479629.1	3733418.4	440.4	3.82	5.58	3.56	YES	HRDOW	NO
L0031538	0	0.12346E-01	479641.1	3733418.5	440.4	3.82	5.58	3.56	YES	HRDOW	NO
L0031539	0	0.12346E-01	479653.1	3733418.7	440.3	3.82	5.58	3.56	YES	HRDOW	NO
L0031540	0	0.12346E-01	479665.1	3733418.8	440.3	3.82	5.58	3.56	YES	HRDOW	NO
L0031541	0	0.12346E-01	479665.9	3733407.5	440.6	3.82	5.58	3.56	YES	HRDOW	NO
L0031542	0	0.12346E-01	479663.5	3733398.1	440.8	3.82	5.58	3.56	YES	HRDOW	NO
L0031543	0	0.12346E-01	479651.5	3733398.1	440.8	3.82	5.58	3.56	YES	HRDOW	NO
L0031544	0	0.12346E-01	479639.5	3733398.2	440.8	3.82	5.58	3.56	YES	HRDOW	NO
L0031545	0	0.12346E-01	479627.5	3733398.2	440.8	3.82	5.58	3.56	YES	HRDOW	NO
L0031546	0	0.12346E-01	479615.5	3733398.3	440.8	3.82	5.58	3.56	YES	HRDOW	NO
L0031547	0	0.12346E-01	479603.5	3733398.4	440.8	3.82	5.58	3.56	YES	HRDOW	NO
L0031548	0	0.12346E-01	479591.5	3733398.4	440.8	3.82	5.58	3.56	YES	HRDOW	NO
L0031549	0	0.12346E-01	479579.5	3733398.5	440.7	3.82	5.58	3.56	YES	HRDOW	NO

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 L0031550         0   0.12346E-01  479567.5 3733398.5   440.6     3.82     5.58
3.56     YES   HRDOW            NO
 L0031551         0   0.12346E-01  479555.5 3733398.6   440.5     3.82     5.58
3.56     YES   HRDOW            NO
 L0031552         0   0.12346E-01  479543.5 3733398.6   440.5     3.82     5.58
3.56     YES   HRDOW            NO
 L0031553         0   0.12346E-01  479531.5 3733398.7   440.4     3.82     5.58
3.56     YES   HRDOW            NO
 L0031554         0   0.12346E-01  479519.5 3733398.8   440.4     3.82     5.58
3.56     YES   HRDOW            NO
 L0031555         0   0.12346E-01  479507.5 3733398.8   440.4     3.82     5.58
3.56     YES   HRDOW            NO
 L0031556         0   0.12346E-01  479495.5 3733398.9   440.4     3.82     5.58
3.56     YES   HRDOW            NO
 L0031557         0   0.10417E-01  481708.7 3733530.5   433.0     3.82     5.58
3.56     YES   HRDOW            NO
 L0031558         0   0.10417E-01  481720.7 3733530.5   432.9     3.82     5.58
3.56     YES   HRDOW            NO
 L0031559         0   0.10417E-01  481732.7 3733530.6   432.9     3.82     5.58
3.56     YES   HRDOW            NO
 L0031560         0   0.10417E-01  481744.7 3733530.6   433.0     3.82     5.58
3.56     YES   HRDOW            NO
 L0031561         0   0.10417E-01  481756.7 3733530.6   433.0     3.82     5.58
3.56     YES   HRDOW            NO
 L0031562         0   0.10417E-01  481768.7 3733530.6   433.0     3.82     5.58
3.56     YES   HRDOW            NO
 L0031563         0   0.10417E-01  481780.7 3733530.6   433.0     3.82     5.58
3.56     YES   HRDOW            NO
 L0031564         0   0.10417E-01  481792.7 3733530.6   433.0     3.82     5.58
3.56     YES   HRDOW            NO
 L0031565         0   0.10417E-01  481804.7 3733530.6   433.1     3.82     5.58
3.56     YES   HRDOW            NO
 L0031566         0   0.10417E-01  481816.7 3733530.7   433.1     3.82     5.58
3.56     YES   HRDOW            NO
 L0031567         0   0.10417E-01  481828.7 3733530.7   433.1     3.82     5.58
3.56     YES   HRDOW            NO
 L0031568         0   0.10417E-01  481840.7 3733530.7   433.2     3.82     5.58
3.56     YES   HRDOW            NO
 L0031569         0   0.10417E-01  481852.7 3733530.7   433.0     3.82     5.58
3.56     YES   HRDOW            NO
 L0031570         0   0.10417E-01  481857.2 3733538.4   432.8     3.82     5.58
3.56     YES   HRDOW            NO
 L0031571         0   0.10417E-01  481857.5 3733550.4   432.7     3.82     5.58
3.56     YES   HRDOW            NO
 L0031572         0   0.10417E-01  481847.0 3733551.8   433.2     3.82     5.58
3.56     YES   HRDOW            NO
 L0031573         0   0.10417E-01  481835.0 3733551.8   433.2     3.82     5.58
3.56     YES   HRDOW            NO
 L0031574         0   0.10417E-01  481823.0 3733551.9   433.1     3.82     5.58
3.56     YES   HRDOW            NO
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0031576	0	0.10417E-01	481799.0	3733551.9	433.0	3.82	5.58	3.56	YES	HRDOW	NO
L0031577	0	0.10417E-01	481787.0	3733551.9	433.0	3.82	5.58	3.56	YES	HRDOW	NO
L0031578	0	0.10417E-01	481775.0	3733551.9	433.0	3.82	5.58	3.56	YES	HRDOW	NO
L0031579	0	0.10417E-01	481763.0	3733551.9	433.0	3.82	5.58	3.56	YES	HRDOW	NO
L0031580	0	0.10417E-01	481751.0	3733551.9	432.9	3.82	5.58	3.56	YES	HRDOW	NO
L0031581	0	0.10417E-01	481739.0	3733551.9	432.9	3.82	5.58	3.56	YES	HRDOW	NO
L0031582	0	0.10417E-01	481727.0	3733551.9	432.9	3.82	5.58	3.56	YES	HRDOW	NO
L0031583	0	0.10417E-01	481715.0	3733551.9	432.9	3.82	5.58	3.56	YES	HRDOW	NO
L0031584	0	0.10417E-01	481706.3	3733555.5	433.0	3.82	5.58	3.56	YES	HRDOW	NO
L0031585	0	0.10417E-01	481705.6	3733567.5	433.0	3.82	5.58	3.56	YES	HRDOW	NO
L0031586	0	0.10417E-01	481711.8	3733572.9	432.9	3.82	5.58	3.56	YES	HRDOW	NO
L0031587	0	0.10417E-01	481723.8	3733572.8	432.9	3.82	5.58	3.56	YES	HRDOW	NO
L0031588	0	0.10417E-01	481735.8	3733572.6	432.9	3.82	5.58	3.56	YES	HRDOW	NO
L0031589	0	0.10417E-01	481747.8	3733572.5	432.9	3.82	5.58	3.56	YES	HRDOW	NO

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 L0031590         0   0.10417E-01  481759.8 3733572.4   433.0     3.82     5.58
3.56     YES   HRDOW            NO
 L0031591         0   0.10417E-01  481771.8 3733572.3   433.0     3.82     5.58
3.56     YES   HRDOW            NO
 L0031592         0   0.10417E-01  481783.8 3733572.1   433.0     3.82     5.58
3.56     YES   HRDOW            NO
 L0031593         0   0.10417E-01  481795.8 3733572.0   433.0     3.82     5.58
3.56     YES   HRDOW            NO
 L0031594         0   0.10417E-01  481807.8 3733571.9   433.1     3.82     5.58
3.56     YES   HRDOW            NO
 L0031595         0   0.10417E-01  481819.8 3733571.8   433.1     3.82     5.58
3.56     YES   HRDOW            NO
 L0031596         0   0.10417E-01  481831.8 3733571.6   433.2     3.82     5.58
3.56     YES   HRDOW            NO
 L0031597         0   0.10417E-01  481843.8 3733571.5   433.2     3.82     5.58
3.56     YES   HRDOW            NO
 L0031598         0   0.10417E-01  481855.8 3733571.4   432.8     3.82     5.58
3.56     YES   HRDOW            NO
 L0031599         0   0.10417E-01  481856.6 3733580.8   432.7     3.82     5.58
3.56     YES   HRDOW            NO
 L0031600         0   0.10417E-01  481854.7 3733592.7   432.8     3.82     5.58
3.56     YES   HRDOW            NO
 L0031601         0   0.10417E-01  481843.1 3733593.3   433.2     3.82     5.58
3.56     YES   HRDOW            NO
 L0031602         0   0.10417E-01  481831.1 3733593.3   433.2     3.82     5.58
3.56     YES   HRDOW            NO
 L0031603         0   0.10417E-01  481819.1 3733593.3   433.2     3.82     5.58
3.56     YES   HRDOW            NO
 L0031604         0   0.10417E-01  481807.1 3733593.4   433.1     3.82     5.58
3.56     YES   HRDOW            NO
 L0031605         0   0.10417E-01  481795.1 3733593.4   433.1     3.82     5.58
3.56     YES   HRDOW            NO
 L0031606         0   0.10417E-01  481783.1 3733593.4   433.0     3.82     5.58
3.56     YES   HRDOW            NO
 L0031607         0   0.10417E-01  481771.1 3733593.4   433.0     3.82     5.58
3.56     YES   HRDOW            NO
 L0031608         0   0.10417E-01  481759.1 3733593.5   433.0     3.82     5.58
3.56     YES   HRDOW            NO
 L0031609         0   0.10417E-01  481747.1 3733593.5   432.9     3.82     5.58
3.56     YES   HRDOW            NO
 L0031610         0   0.10417E-01  481735.1 3733593.5   432.9     3.82     5.58
3.56     YES   HRDOW            NO
 L0031611         0   0.10417E-01  481723.1 3733593.6   432.9     3.82     5.58
3.56     YES   HRDOW            NO
 L0031612         0   0.10417E-01  481711.1 3733593.6   432.9     3.82     5.58
3.56     YES   HRDOW            NO
 L0031613         0   0.10417E-01  481705.9 3733600.4   433.0     3.82     5.58
3.56     YES   HRDOW            NO
 L0031614         0   0.10417E-01  481705.9 3733612.4   433.0     3.82     5.58
3.56     YES   HRDOW            NO
```

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0031616	0	0.10417E-01	481725.4	3733616.4	432.9	3.82	5.58	3.56	YES	HRDOW	NO
L0031617	0	0.10417E-01	481737.4	3733616.1	432.9	3.82	5.58	3.56	YES	HRDOW	NO
L0031618	0	0.10417E-01	481749.4	3733615.8	433.0	3.82	5.58	3.56	YES	HRDOW	NO
L0031619	0	0.10417E-01	481761.3	3733615.5	433.0	3.82	5.58	3.56	YES	HRDOW	NO
L0031620	0	0.10417E-01	481773.3	3733615.2	433.0	3.82	5.58	3.56	YES	HRDOW	NO
L0031621	0	0.10417E-01	481785.3	3733614.8	433.1	3.82	5.58	3.56	YES	HRDOW	NO
L0031622	0	0.10417E-01	481797.3	3733614.5	433.1	3.82	5.58	3.56	YES	HRDOW	NO
L0031623	0	0.10417E-01	481809.3	3733614.2	433.2	3.82	5.58	3.56	YES	HRDOW	NO
L0031624	0	0.10417E-01	481821.3	3733613.9	433.3	3.82	5.58	3.56	YES	HRDOW	NO
L0031625	0	0.10417E-01	481833.3	3733613.6	433.3	3.82	5.58	3.56	YES	HRDOW	NO
L0031626	0	0.10417E-01	481845.3	3733613.3	433.3	3.82	5.58	3.56	YES	HRDOW	NO
L0031627	0	0.10417E-01	481845.4	3733621.4	433.3	3.82	5.58	3.56	YES	HRDOW	NO
L0031628	0	0.10417E-01	481841.1	3733632.5	433.3	3.82	5.58	3.56	YES	HRDOW	NO
L0031629	0	0.10417E-01	481831.7	3733636.5	433.4	3.82	5.58	3.56	YES	HRDOW	NO

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 L0031630         0   0.10417E-01  481819.7 3733636.6   433.4     3.82     5.58
3.56     YES   HRDOW            NO
 L0031631         0   0.10417E-01  481807.7 3733636.7   433.3     3.82     5.58
3.56     YES   HRDOW            NO
 L0031632         0   0.10417E-01  481795.7 3733636.8   433.2     3.82     5.58
3.56     YES   HRDOW            NO
 L0031633         0   0.10417E-01  481783.7 3733636.9   433.2     3.82     5.58
3.56     YES   HRDOW            NO
 L0031634         0   0.10417E-01  481771.7 3733637.0   433.1     3.82     5.58
3.56     YES   HRDOW            NO
 L0031635         0   0.10417E-01  481759.7 3733637.1   433.1     3.82     5.58
3.56     YES   HRDOW            NO
 L0031636         0   0.10417E-01  481747.7 3733637.2   433.0     3.82     5.58
3.56     YES   HRDOW            NO
 L0031637         0   0.10417E-01  481735.7 3733637.3   433.0     3.82     5.58
3.56     YES   HRDOW            NO
 L0031638         0   0.10417E-01  481723.7 3733637.5   432.9     3.82     5.58
3.56     YES   HRDOW            NO
 L0031639         0   0.10417E-01  481711.7 3733637.6   433.0     3.82     5.58
3.56     YES   HRDOW            NO
 L0031640         0   0.10417E-01  481707.3 3733644.9   433.0     3.82     5.58
3.56     YES   HRDOW            NO
 L0031641         0   0.10417E-01  481707.8 3733656.9   433.1     3.82     5.58
3.56     YES   HRDOW            NO
 L0031642         0   0.10417E-01  481717.9 3733658.7   433.1     3.82     5.58
3.56     YES   HRDOW            NO
 L0031643         0   0.10417E-01  481729.8 3733658.5   433.1     3.82     5.58
3.56     YES   HRDOW            NO
 L0031644         0   0.10417E-01  481741.8 3733658.3   433.2     3.82     5.58
3.56     YES   HRDOW            NO
 L0031645         0   0.10417E-01  481753.8 3733658.1   433.2     3.82     5.58
3.56     YES   HRDOW            NO
 L0031646         0   0.10417E-01  481765.8 3733657.9   433.2     3.82     5.58
3.56     YES   HRDOW            NO
 L0031647         0   0.10417E-01  481777.8 3733657.6   433.3     3.82     5.58
3.56     YES   HRDOW            NO
 L0031648         0   0.10417E-01  481789.8 3733657.3   433.3     3.82     5.58
3.56     YES   HRDOW            NO
 L0031649         0   0.10417E-01  481801.8 3733657.0   433.3     3.82     5.58
3.56     YES   HRDOW            NO
 L0031650         0   0.10417E-01  481813.8 3733656.7   433.4     3.82     5.58
3.56     YES   HRDOW            NO
 L0031651         0   0.10417E-01  481825.8 3733656.4   433.4     3.82     5.58
3.56     YES   HRDOW            NO
 L0031652         0   0.10417E-01  481837.8 3733656.1   433.4     3.82     5.58
3.56     YES   HRDOW            NO
 *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
S1ON	L0031240 , L0031241 , L0031242 , L0031243 , L0031244 , L0031245 , L0031246 , L0031247 ,
	L0031248 , L0031249 , L0031250 , L0031251 , L0031252 , L0031253 , L0031254 , L0031255 ,
	L0031256 , L0031257 , L0031258 , L0031259 , L0031260 , L0031261 , L0031262 , L0031263 ,
	L0031264 , L0031265 , L0031266 , L0031267 , L0031268 , L0031269 , L0031270 , L0031271 ,
	L0031272 , L0031273 , L0031274 , L0031275 , L0031276 , L0031277 , L0031278 , L0031279 ,
	L0031280 , L0031281 , L0031282 , L0031283 , L0031284 , L0031285 , L0031286 , L0031287 ,
	L0031288 , L0031289 , L0031290 , L0031291 , L0031292 , L0031293 , L0031294 , L0031295 ,
	L0031296 , L0031297 , L0031298 , L0031299 , L0031300 , L0031301 , L0031302 , L0031303 ,
	L0031304 , L0031305 , L0031306 , L0031307 , L0031308 , L0031309 , L0031310 , L0031311 ,
	L0031312 , L0031313 , L0031314 , L0031315 , L0031316 , L0031317 , L0031318 , L0031319 ,
	L0031320 , L0031321 , L0031322 , L0031323 , L0031324 , L0031325 , L0031326 , L0031327 ,
	L0031328 , L0031329 , L0031330 , L0031331 , L0031332 , L0031333 , L0031334 , L0031335 ,
	L0031336 , L0031337 , L0031338 , L0031339 , L0031340 , L0031341 , L0031342 , L0031343 ,

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L0031349 , L0031350 , L0031351 ,

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L0031357 , L0031358 , L0031359 ,

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L0031365 , L0031366 , L0031367 ,

L0031368 , L0031369 , L0031370 , L0031371 , L0031372 ,
L0031373 , L0031374 , L0031375 ,

L0031376 , L0031377 , L0031378 , L0031379 , L0031380 ,
L0031381 , L0031382 , L0031383 ,

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L0031389 , L0031390 , L0031391 ,

L0031392 , L0031393 , L0031394 , L0031395 , L0031396 ,
L0031397 , L0031398 , L0031399 ,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs

L0031400 , L0031401 , L0031402 , L0031403 , L0031404 ,
L0031405 , L0031406 , L0031407 ,

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L0031421 , L0031422 , L0031423 ,

L0031424 , L0031425 , L0031426 , L0031427 , L0031428 ,
L0031429 , L0031430 , L0031431 ,

L0031432 , L0031433 , L0031434 , L0031435 , L0031436 ,
L0031437 , L0031438 , L0031439 ,

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  S1OFF      L0029914    , L0029915    , L0029916    , L0029917    , L0029918    ,
L0029919    , L0029920    , L0029921    ,

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L0029927    , L0029928    , L0029929    ,

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L0029935    , L0029936    , L0029937    ,

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L0029943    , L0029944    , L0029945    ,

             L0029946    , L0029947    , L0029948    , L0029949    , L0029950    ,
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L0029983    , L0029984    , L0029985    ,

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L0029991    , L0029992    , L0029993    ,

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L0030007    , L0030008    , L0030009    ,

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L0030015    , L0030016    , L0030017    ,

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L0030023    , L0030024    , L0030025    ,
 *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
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	L0030034 , L0030035 , L0030036 , L0030037 , L0030038 , L0030039 , L0030040 , L0030041 ,
	L0030042 , L0030043 , L0030044 , L0030045 , L0030046 , L0030047 , L0030048 , L0030049 ,
	L0030050 , L0030051 , L0030052 , L0030053 , L0030054 , L0030055 , L0030056 , L0030057 ,
	L0030058 , L0030059 , L0030060 , L0030061 , L0030062 , L0030063 , L0030064 , L0030065 ,
	L0030066 , L0030067 , L0030068 , L0030069 , L0030070 , L0030071 , L0030072 , L0030073 ,
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	L0030082 , L0030083 , L0030084 , L0030085 , L0030086 , L0030087 , L0030088 , L0030089 ,
	L0030090 , L0030091 , L0030092 , L0030093 , L0030094 , L0030095 , L0030096 , L0030097 ,
	L0030098 , L0030099 , L0030100 , L0030101 , L0030102 , L0030103 , L0030104 , L0030105 ,
	L0030106 , L0030107 , L0030108 , L0030109 , L0030110 , L0030111 , L0030112 , L0030113 ,
	L0030114 , L0030115 , L0030116 , L0030117 , L0030118 , L0030119 , L0030120 , L0030121 ,
	L0030122 , L0030123 , L0030124 , L0030125 , L0030126 , L0030127 , L0030128 , L0030129 ,
	L0030130 , L0030131 , L0030132 , L0030133 , L0030134 , L0030135 , L0030136 , L0030137 ,

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs

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L0030199 , L0030200 , L0030201 ,

L0030202 , L0030203 , L0030204 , L0030205 , L0030206 ,
L0030207 , L0030208 , L0030209 ,

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L0030215 , L0030216 , L0030217 ,

L0030218 , L0030219 , L0030220 , L0030221 , L0030222 ,
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L0030287    , L0030288    , L0030289    ,

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L0030295    , L0030296    , L0030297    ,

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  S2ON       L0031476    , L0031477    , L0031478    , L0031479    , L0031480    ,
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L0031513    , L0031514    , L0031515    ,
 *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                *** SOURCE IDs DEFINING SOURCE GROUPS ***
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SRCGROUP ID	SOURCE IDs
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	L0031548 , L0031549 , L0031550 , L0031551 , L0031552 , L0031553 , L0031554 , L0031555 ,
	L0031556 ,
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	L0030317 , L0030318 , L0030319 , L0030320 , L0030321 , L0030322 , L0030323 , L0030324 ,
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	L0030333 , L0030334 , L0030335 , L0030336 , L0030337 , L0030338 , L0030339 , L0030340 ,
	L0030341 , L0030342 , L0030343 , L0030344 , L0030345 , L0030346 , L0030347 , L0030348 ,
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L0030386 , L0030387 , L0030388 ,

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L0030410 , L0030411 , L0030412 ,

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs

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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                                *** SOURCE IDs DEFINING SOURCE GROUPS ***

 SRCGROUP ID   SOURCE IDs
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L0030724   , L0030725   , L0030726   ,

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                                *** SOURCE IDs DEFINING SOURCE GROUPS ***

 SRCGROUP ID   SOURCE IDs
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 *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                          ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                         ***        17:22:37

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                *** SOURCE IDs DEFINING SOURCE GROUPS ***

 SRCGROUP ID                                                SOURCE IDs
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*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs

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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                                *** SOURCE IDs DEFINING SOURCE GROUPS ***

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*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs

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                                                *** SOURCE IDs DEFINING SOURCE GROUPS ***

 SRCGROUP ID                                                SOURCE IDs
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*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs

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                                          *** SOURCE IDs DEFINING SOURCE GROUPS ***

 SRCGROUP ID   SOURCE IDs
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                                        *** SOURCE IDs DEFINED AS URBAN SOURCES
***

  URBAN ID   URBAN POP   SOURCE IDs
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              2189641.   L0029914   , L0029915   , L0029916   , L0029917   ,
L0029918   , L0029919   , L0029920   ,
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L0029927   , L0029928   , L0029929   ,

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             L0029938   , L0029939   , L0029940   , L0029941   , L0029942   ,

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L0029943    , L0029944    , L0029945    ,

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L0029967    , L0029968    , L0029969    ,

             L0029970    , L0029971    , L0029972    , L0029973    , L0029974    ,
L0029975    , L0029976    , L0029977    ,

             L0029978    , L0029979    , L0029980    , L0029981    , L0029982    ,
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L0029999    , L0030000    , L0030001    ,

             L0030002    , L0030003    , L0030004    , L0030005    , L0030006    ,
L0030007    , L0030008    , L0030009    ,

             L0030010    , L0030011    , L0030012    , L0030013    , L0030014    ,
L0030015    , L0030016    , L0030017    ,

             L0030018    , L0030019    , L0030020    , L0030021    , L0030022    ,
L0030023    , L0030024    , L0030025    ,

             L0030026    , L0030027    , L0030028    , L0030029    , L0030030    ,
L0030031    , L0030032    , L0030033    ,

             L0030034    , L0030035    , L0030036    , L0030037    , L0030038    ,
L0030039    , L0030040    , L0030041    ,

             L0030042    , L0030043    , L0030044    , L0030045    , L0030046    ,
L0030047    , L0030048    , L0030049    ,

             L0030050    , L0030051    , L0030052    , L0030053    , L0030054    ,
L0030055    , L0030056    , L0030057    ,

             L0030058    , L0030059    , L0030060    , L0030061    , L0030062    ,
L0030063    , L0030064    , L0030065    ,

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L0030071    , L0030072    , L0030073    ,
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*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs

L0030074 , L0030075 , L0030076 , L0030077 , L0030078 , L0030079 , L0030080 , L0030081 ,

L0030082 , L0030083 , L0030084 , L0030085 , L0030086 , L0030087 , L0030088 , L0030089 ,

L0030090 , L0030091 , L0030092 , L0030093 , L0030094 , L0030095 , L0030096 , L0030097 ,

L0030098 , L0030099 , L0030100 , L0030101 , L0030102 , L0030103 , L0030104 , L0030105 ,

L0030106 , L0030107 , L0030108 , L0030109 , L0030110 , L0030111 , L0030112 , L0030113 ,

L0030114 , L0030115 , L0030116 , L0030117 , L0030118 , L0030119 , L0030120 , L0030121 ,

L0030122 , L0030123 , L0030124 , L0030125 , L0030126 , L0030127 , L0030128 , L0030129 ,

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L0030138 , L0030139 , L0030140 , L0030141 , L0030142 , L0030143 , L0030144 , L0030145 ,

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L0030154 , L0030155 , L0030156 , L0030157 , L0030158 , L0030159 , L0030160 , L0030161 ,

L0030162 , L0030163 , L0030164 , L0030165 , L0030166 , L0030167 , L0030168 , L0030169 ,

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             L0030170    , L0030171    , L0030172    , L0030173    , L0030174    ,
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L0030183    , L0030184    , L0030185    ,

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L0030191    , L0030192    , L0030193    ,

             L0030194    , L0030195    , L0030196    , L0030197    , L0030198    ,
L0030199    , L0030200    , L0030201    ,

             L0030202    , L0030203    , L0030204    , L0030205    , L0030206    ,
L0030207    , L0030208    , L0030209    ,

             L0030210    , L0030211    , L0030212    , L0030213    , L0030214    ,
L0030215    , L0030216    , L0030217    ,

             L0030218    , L0030219    , L0030220    , L0030221    , L0030222    ,
L0030223    , L0030224    , L0030225    ,

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L0030231    , L0030232    , L0030233    ,
 *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                           ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                          ***        17:22:37

                                    PAGE  50
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                          *** SOURCE IDs DEFINED AS URBAN SOURCES
***

  URBAN ID   URBAN POP                                    SOURCE IDs
  --------   ---------                                    ----------


             L0030234    , L0030235    , L0030236    , L0030237    , L0030238    ,
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L0030247    , L0030248    , L0030249    ,

             L0030250    , L0030251    , L0030252    , L0030253    , L0030254    ,
L0030255    , L0030256    , L0030257    ,

             L0030258    , L0030259    , L0030260    , L0030261    , L0030262    ,
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L0030263   , L0030264   , L0030265   ,

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L0030279   , L0030280   , L0030281   ,

             L0030282   , L0030283   , L0030284   , L0030285   , L0030286   ,
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             L0030298   , L0030299   , L0030300   , L0030301   , L0030302   ,
L0030303   , L0030304   , L0030305   ,

             L0030306   , L0030307   , L0030308   , L0030309   , L0030310   ,
L0030311   , L0030312   , L0030313   ,

             L0030314   , L0030315   , L0030316   , L0030317   , L0030318   ,
L0030319   , L0030320   , L0030321   ,

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             L0030362   , L0030363   , L0030364   , L0030365   , L0030366   ,
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             L0030378   , L0030379   , L0030380   , L0030381   , L0030382   ,
L0030383   , L0030384   , L0030385   ,

             L0030386   , L0030387   , L0030388   , L0030389   , L0030390   ,
L0030391   , L0030392   , L0030393   ,

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                          *** SOURCE IDs DEFINED AS URBAN SOURCES
***

URBAN ID	URBAN POP	SOURCE IDs

L0030394 , L0030395 , L0030396 , L0030397 , L0030398 ,
L0030399 , L0030400 , L0030401 ,

L0030402 , L0030403 , L0030404 , L0030405 , L0030406 ,
L0030407 , L0030408 , L0030409 ,

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L0030415 , L0030416 , L0030417 ,

L0030418 , L0030419 , L0030420 , L0030421 , L0030422 ,
L0030423 , L0030424 , L0030425 ,

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L0030479 , L0030480 , L0030481 ,

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L0030487 , L0030488 , L0030489 ,

*** SOURCE IDs DEFINED AS URBAN SOURCES
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URBAN ID	URBAN POP	SOURCE IDs

L0030554 , L0030555 , L0030556 , L0030557 , L0030558 ,
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L0030562 , L0030563 , L0030564 , L0030565 , L0030566 ,
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L0030570 , L0030571 , L0030572 , L0030573 , L0030574 ,
L0030575 , L0030576 , L0030577 ,

L0030578 , L0030579 , L0030580 , L0030581 , L0030582 ,

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L0030591   , L0030592   , L0030593   ,

             L0030594   , L0030595   , L0030596   , L0030597   , L0030598   ,
L0030599   , L0030600   , L0030601   ,

             L0030602   , L0030603   , L0030604   , L0030605   , L0030606   ,
L0030607   , L0030608   , L0030609   ,

             L0030610   , L0030611   , L0030612   , L0030613   , L0030614   ,
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             L0030618   , L0030619   , L0030620   , L0030621   , L0030622   ,
L0030623   , L0030624   , L0030625   ,

             L0030626   , L0030627   , L0030628   , L0030629   , L0030630   ,
L0030631   , L0030632   , L0030633   ,

             L0030634   , L0030635   , L0030636   , L0030637   , L0030638   ,
L0030639   , L0030640   , L0030641   ,

             L0030642   , L0030643   , L0030644   , L0030645   , L0030646   ,
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             L0030706   , L0030707   , L0030708   , L0030709   , L0030710   ,
L0030711   , L0030712   , L0030713   ,

*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs

L0030714 , L0030715 , L0030716 , L0030717 , L0030718 , L0030719 , L0030720 , L0030721 ,

L0030722 , L0030723 , L0030724 , L0030725 , L0030726 , L0030727 , L0030728 , L0030729 ,

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L0031311 , L0031312 , L0031313 , L0031314 , L0031315 , L0031316 , L0031317 , L0031318 ,

*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs

L0031383 , L0031384 , L0031385 , L0031386 , L0031387 ,
L0031388 , L0031389 , L0031390 ,

L0031391 , L0031392 , L0031393 , L0031394 , L0031395 ,
L0031396 , L0031397 , L0031398 ,

L0031399 , L0031400 , L0031401 , L0031402 , L0031403 ,
L0031404 , L0031405 , L0031406 ,

L0031407 , L0031408 , L0031409 , L0031410 , L0031411 ,

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L0031436    , L0031437    , L0031438    ,

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L0031477    , L0031478    , L0031479    ,

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L0031493    , L0031494    , L0031495    ,

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*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs

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L0031632 , L0031633 , L0031634 , L0031635 , L0031636 , L0031637 , L0031638 , L0031639 ,

L0031640 , L0031641 , L0031642 , L0031643 , L0031644 , L0031645 , L0031646 , L0031647 ,

L0031648 , L0031649 , L0031650 , L0031651 , L0031652 ,

SOURCE ID = L0029914 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0029915 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01						

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14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                            DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                            DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***       17:22:37

                                  PAGE  58
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0029916     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                            DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                            DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                            DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
```

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0029917 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF

WEEK (HRDOW) *

 SOURCE ID = L0029918   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - -

22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0029920 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0029921   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - -

```
 SOURCE ID = L0029922     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                        ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***       17:22:37

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0029923     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
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    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                          ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                         ***       17:22:37

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0029924     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0029925 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0029926 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0029927 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00

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    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                          ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                         ***       17:22:37

                                   PAGE  70
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0029928     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                          ***        03/08/24
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                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0029929     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
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                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0029930     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
```

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- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                    DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***       17:22:37

                                  PAGE  73
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0029931     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                    DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
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   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0029932     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0029933   ; SOURCE TYPE = VOLUME   :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0029934   ; SOURCE TYPE = VOLUME   :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															

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    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00

                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00

                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
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                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0029935     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -

                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00

                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
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1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0029936 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0029937 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0029938 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01

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    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                          ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                         ***       17:22:37

                                   PAGE  81
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0029939     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
```

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6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
🡅 *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:22:37

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0029940     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
🡅 *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:22:37

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0029941 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0029942 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                          ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                         ***       17:22:37

                                   PAGE  85
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0029943     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
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14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0029944   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

```
 SOURCE ID = L0029945     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0029946     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
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                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
🡅 *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:22:37

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0029947     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
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22  .0000E+00   23  .0000E+00   24  .0000E+00
🡅 *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:22:37

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0029948     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
🡅 *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:22:37

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0029949     ; SOURCE TYPE = VOLUME   :
```

```
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                        ***       17:22:37

                                   PAGE  92
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0029950     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
```

6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0029951   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0029952   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                  DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                  DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                  DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0029953   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR

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 - - -
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14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                          ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                         ***       17:22:37

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0029955     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                          ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0029956 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0029957 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0029958 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00

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22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
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                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0029959     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0029960 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0029961 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00

6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0029962   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                        ***        17:22:37

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0029963     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                        ***        17:22:37

                                   PAGE 106
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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SOURCE ID = L0029964 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0029965 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01						

14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                              DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                              DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0029966   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                              DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                              DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                              DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0029967 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF

WEEK (HRDOW) *

 SOURCE ID = L0029968   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0029969   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00

22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0029970 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0029971   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

```
 SOURCE ID = L0029972     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                        ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***       17:22:37

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0029973     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
```

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    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                          ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                         ***       17:22:37

                                   PAGE 116
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0029974     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0029975 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0029976 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

HOUR SCALAR HOUR SCALAR HOUR SCALAR
 - - -

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    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                          ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                         ***       17:22:37

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0029978     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                          ***        03/08/24
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                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0029979   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0029980   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -

- -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0029981 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
- -
- -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00

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   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
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                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0029982     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0029983 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0029984 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00

                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00

                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
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                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0029985     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -

                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00

                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0029986 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0029987 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0029988 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01

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    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                          ***       03/08/24
 *** AERMET - VERSION  16216 ***   ***
                         ***       17:22:37

                                   PAGE 131
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0029989     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
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6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0029990   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0029991 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0029992 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00

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   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***    *** COMPASS CONSTRUCTION
                              ***         03/08/24
 *** AERMET - VERSION  16216 ***    ***
                             ***        17:22:37

                                    PAGE 135
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0029993     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
```

14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0029994   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

```
 SOURCE ID = L0029995     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - -
```

```
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
♠ *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:22:37

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0029997     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
```

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22  .0000E+00   23  .0000E+00   24  .0000E+00
🡅 *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:22:37

                                  PAGE 140
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0029998     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
🡅 *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:22:37

                                  PAGE 141
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0029999     ; SOURCE TYPE = VOLUME   :
```

```
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                        ***       17:22:37

                                   PAGE 142
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030000     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
```

6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030001   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

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                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030002     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
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                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030003     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
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 - - -
```

```
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

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                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030005     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030006 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030007 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030008 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00

22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030009   ; SOURCE TYPE = VOLUME   :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030010 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030011 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00

```
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                          ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                         ***       17:22:37

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030012     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
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    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                        ***        17:22:37

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030013     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                        ***        17:22:37

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030014 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030015 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01						

```
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                          ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                         ***       17:22:37

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030016     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030017 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF

WEEK (HRDOW) *

 SOURCE ID = L0030018   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - -

22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030020 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030021   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - -

```
 SOURCE ID = L0030022     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                        ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***       17:22:37

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030023     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                          ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030024     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030025 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030026 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

HOUR SCALAR HOUR SCALAR HOUR SCALAR
- - - -

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    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***       03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***       17:22:37

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030028     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***       03/08/24
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                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030029   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030030   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -

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- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                    DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***       17:22:37

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030031     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                    DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
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   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
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                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030032     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030033 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030034 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
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                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030035     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
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1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030036 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030037 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030038 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01

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    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                          ***       03/08/24
 *** AERMET - VERSION  16216 ***   ***
                         ***       17:22:37

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030039     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
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6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
🡅 *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:22:37

                                  PAGE 182
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030040     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
🡅 *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:22:37

                                  PAGE 183
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030041 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030042 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00

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   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***    *** COMPASS CONSTRUCTION
                              ***         03/08/24
 *** AERMET - VERSION  16216 ***    ***
                             ***        17:22:37

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030043     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
```

14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030044   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

```
 SOURCE ID = L0030045     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:22:37

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030046     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0030047   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - -

```
22  .0000E+00   23  .0000E+00   24  .0000E+00
🡅 *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:22:37

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030048     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
🡅 *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:22:37

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030049     ; SOURCE TYPE = VOLUME   :
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```
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                        ***       17:22:37

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030050     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
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6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030051   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030052   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030053   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR

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 - - -
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14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                          ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                         ***       17:22:37

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030055     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                          ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030056 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030057 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030058 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00						

22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030059   ; SOURCE TYPE = VOLUME   :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030060 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030061 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00

```
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:22:37

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030062     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
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    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                        ***        17:22:37

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030063     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                        ***        17:22:37

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030064 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030065 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01						

14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                          DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030066   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                          DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030067   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF

WEEK (HRDOW) *

 SOURCE ID = L0030068   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - -

22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030070 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030071   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - -

```
 SOURCE ID = L0030072     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                        ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***       17:22:37

                                  PAGE 215
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030073     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
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    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                          ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                         ***       17:22:37

                                   PAGE 216
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030074     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030075 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030076 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

HOUR SCALAR HOUR SCALAR HOUR SCALAR
- - - -

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    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                          ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                         ***       17:22:37

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030078     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                          ***        03/08/24
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                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030079     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
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                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030080     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                    DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***       17:22:37

                                  PAGE 223
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030081     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                    DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
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   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
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                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030082     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030083 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030084 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00

                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00

                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                             ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                            ***       17:22:37

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030085     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -

                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00

                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030086 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030087 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030088 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01

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    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                          ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                         ***       17:22:37

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030089     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
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6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
🡅 *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:22:37

                                  PAGE 232
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030090     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
🡅 *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:22:37

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
```

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030091 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030092 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***    *** COMPASS CONSTRUCTION
                              ***         03/08/24
 *** AERMET - VERSION  16216 ***    ***
                             ***        17:22:37

                                    PAGE 235
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030093     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
```

14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030094   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

```
 SOURCE ID = L0030095     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:22:37

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030096     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

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                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
🡅 *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:22:37

                                  PAGE 239
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030097     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
```

22 .0000E+00   23 .0000E+00   24 .0000E+00

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0030098   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -

                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00

                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00

                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0030099   ; SOURCE TYPE = VOLUME   :

```
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                        ***       17:22:37

                                   PAGE 242
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030100     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
```

6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030101   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

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                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030102     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
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                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030103     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
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 - - -
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14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SUNDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030105   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -

DAY OF WEEK = WEEKDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SATURDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SUNDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030106 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030107 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030108 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00

22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030109   ; SOURCE TYPE = VOLUME   :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030110 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030111 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00

6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030112   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY

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    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                        ***        17:22:37

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030113     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                        ***        17:22:37

                                   PAGE 256
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030114     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - 
- - - - - - - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```



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                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030115     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - 
- - - - - - - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
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14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                            DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                            DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                          ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                         ***       17:22:37

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030116     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                            DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                            DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                            DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030117 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF

WEEK (HRDOW) *

 SOURCE ID = L0030118   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - -

22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030120   ; SOURCE TYPE = VOLUME   :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030121   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - -

```
 SOURCE ID = L0030122     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                        ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***       17:22:37

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030123     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
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    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                          ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                         ***       17:22:37

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030124     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030125 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030126 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030127 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00

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    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***       03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***       17:22:37

                                  PAGE 270
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030128     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***       03/08/24
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                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030129     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
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                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030130     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
```

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- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                    DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***       17:22:37

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030131     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                    DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
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   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:22:37

                                  PAGE 274
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030132     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:22:37
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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030133 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR				

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.0000E+00	8	.1000E+01				
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01
14	.1000E+01	15	.1000E+01	16	.0000E+00				
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00				

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.0000E+00	8	.0000E+00				
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00
14	.0000E+00	15	.0000E+00	16	.0000E+00				
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00				

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.0000E+00	8	.0000E+00				
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00
14	.0000E+00	15	.0000E+00	16	.0000E+00				
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00				

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030134 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR				

DAY OF WEEK = WEEKDAY

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030135 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030136 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030137 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030138 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01

```
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                          ***       03/08/24
 *** AERMET - VERSION  16216 ***   ***
                         ***       17:22:37

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030139     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
```

```
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
🡅 *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:22:37

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030140     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
🡅 *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:22:37

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030141 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030142 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***    *** COMPASS CONSTRUCTION
                              ***         03/08/24
 *** AERMET - VERSION  16216 ***    ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030143     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
```

14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030144   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

```
 SOURCE ID = L0030145     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:22:37

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030146     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
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                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
🡅 *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:22:37

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030147     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
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22 .0000E+00   23 .0000E+00   24 .0000E+00

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0030148   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -

                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0030149   ; SOURCE TYPE = VOLUME   :

```
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                        ***       17:22:37

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030150     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
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6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030151   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0030152   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -

                                                    DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00

                                                    DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00

                                                    DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0030153   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR

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 - - -
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14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                          ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                         ***       17:22:37

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030155     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                          ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030156 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030157 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01								
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00								
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00								
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00								
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00								
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00								
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00								

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030158 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01								
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00								
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00								
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00								
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00														

22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030159   ; SOURCE TYPE = VOLUME   :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030160 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030161 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00

6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                              DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                              DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030162   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                              DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                              DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                              DAY OF WEEK = SUNDAY

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    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                        ***        17:22:37

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030163     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                        ***        17:22:37

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030164 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030165 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01						

14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                              DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                              DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030166   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                              DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                              DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                              DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00

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    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                          ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030167     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                          ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
```

WEEK (HRDOW) *

 SOURCE ID = L0030168   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - -

```
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***       17:22:37

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030170     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
```

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030171   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - -

```
 SOURCE ID = L0030172     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:22:37

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030173     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:22:37

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030174     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030175 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030176 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

HOUR SCALAR HOUR SCALAR HOUR SCALAR
 - - -

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    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***       03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***       17:22:37

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030178     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***       03/08/24
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                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030179   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030180   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -

```
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                    DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***       17:22:37

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030181     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                    DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
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   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:22:37

                                  PAGE 324
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030182     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:22:37
```

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030183 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030184 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030185 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030186 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- - - -

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030187 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030188 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01

```
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                          ***       03/08/24
 *** AERMET - VERSION  16216 ***   ***
                         ***       17:22:37

                                   PAGE 331
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030189     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
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6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
🡅 *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:22:37

                                  PAGE 332
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030190     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
🡅 *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:22:37

                                  PAGE 333
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030191 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030192 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00

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   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***    *** COMPASS CONSTRUCTION
                              ***         03/08/24
 *** AERMET - VERSION  16216 ***    ***
                             ***        17:22:37

                                    PAGE 335
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030193     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
```

14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030194   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

```
 SOURCE ID = L0030195     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:22:37

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030196     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

```
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
🡅 *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:22:37

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030197     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
```

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22  .0000E+00   23  .0000E+00   24  .0000E+00
🡅 *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:22:37

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030198     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
🡅 *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:22:37

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030199     ; SOURCE TYPE = VOLUME   :
```

```
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                        ***       17:22:37

                                   PAGE 342
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030200     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
```

6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030201   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

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                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030202     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```



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                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030203     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
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 - - -
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14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                            DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                          ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                         ***       17:22:37

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030205     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                            DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                            DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                            DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                          ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030206 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030207 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030208 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030209   ; SOURCE TYPE = VOLUME   :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030210 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030211 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00

6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030212   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY

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    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                        ***        17:22:37

                                   PAGE 355
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030213     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                        ***        17:22:37

                                   PAGE 356
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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SOURCE ID = L0030214 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SOURCE ID = L0030215 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01						

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14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                            DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                            DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                          ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                         ***       17:22:37

                                  PAGE 358
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030216     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                            DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                            DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                            DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
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    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                         ***       17:22:37

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030217     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                         ***       17:22:37

                                   PAGE 360
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
```

WEEK (HRDOW) *

 SOURCE ID = L0030218   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - -

22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030220   ; SOURCE TYPE = VOLUME   :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030221   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - -

```
 SOURCE ID = L0030222     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                        ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***       17:22:37

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030223     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:22:37

                                  PAGE 366
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030224     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030225 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030226 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - -

```
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                          ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                         ***       17:22:37

                                   PAGE 370
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030228     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                          ***        03/08/24
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                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030229     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
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                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030230     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
```

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- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                    DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***       17:22:37

                                  PAGE 373
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030231     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                    DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030232     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030233 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR				

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.0000E+00	8	.1000E+01				
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01
14	.1000E+01	15	.1000E+01	16	.0000E+00				
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00				

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.0000E+00	8	.0000E+00				
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00
14	.0000E+00	15	.0000E+00	16	.0000E+00				
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00				

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.0000E+00	8	.0000E+00				
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00
14	.0000E+00	15	.0000E+00	16	.0000E+00				
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00				

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030234 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR				

DAY OF WEEK = WEEKDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                             ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                            ***       17:22:37

                                    PAGE 377
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030235     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030236 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030237 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030238 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01

```
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                          ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                         ***       17:22:37

                                   PAGE 381
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030239     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
```

```
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
🡅 *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:22:37

                                 PAGE 382
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030240     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
🡅 *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:22:37

                                 PAGE 383
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030241 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030242 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***    *** COMPASS CONSTRUCTION
                              ***         03/08/24
 *** AERMET - VERSION  16216 ***    ***
                             ***        17:22:37

                                    PAGE 385
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030243     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
```

14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030244   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

```
 SOURCE ID = L0030245     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:22:37

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030246     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

```
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                           ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                           ***       17:22:37

                                    PAGE 389
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030247     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
```

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22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:22:37

                                  PAGE 390
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030248     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:22:37

                                  PAGE 391
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030249     ; SOURCE TYPE = VOLUME   :
```

```
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                        ***       17:22:37

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030250     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
```

6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030251   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030252   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                  DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                  DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                  DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030253   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR

- -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030254 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00

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14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                            DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030255     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                            DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                            DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                            DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030256 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030257 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030258 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00

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22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                        ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:22:37

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030259     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                        ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:22:37
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030260 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030261 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00

6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030262   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                        ***        17:22:37

                                   PAGE 405
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030263     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                        ***        17:22:37

                                   PAGE 406
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030264 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030265 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01						

```
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                          ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                         ***       17:22:37

                                  PAGE 408
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030266     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
```

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030267   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF

WEEK (HRDOW) *

 SOURCE ID = L0030268   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - -

22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030270 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00

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   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:22:37

                                  PAGE 413
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030271     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:22:37

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
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 SOURCE ID = L0030272     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                        ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:22:37

                                  PAGE 415
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030273     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:22:37

                                  PAGE 416
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030274     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030275 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030276 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

HOUR SCALAR HOUR SCALAR HOUR SCALAR
- - - -

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    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                          ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                         ***       17:22:37

                                   PAGE 420
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030278     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                          ***        03/08/24
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                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030279     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
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                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030280     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
```

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- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                    DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***       17:22:37

                                  PAGE 423
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030281     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                    DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
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   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
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                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030282     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030283 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030284 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                             ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                            ***       17:22:37

                                    PAGE 427
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030285     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00								
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00								
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030286 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01								
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00								
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00								
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00								
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00								
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00								
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030287 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030288 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01

```
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:22:37

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030289     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
```

```
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
🡅 *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:22:37

                                  PAGE 432
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030290     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
🡅 *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:22:37

                                  PAGE 433
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030291 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030292 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***    *** COMPASS CONSTRUCTION
                          ***        03/08/24
 *** AERMET - VERSION  16216 ***    ***
                         ***       17:22:37

                                    PAGE 435
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030293     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
```

14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030294   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

```
 SOURCE ID = L0030295     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:22:37

                                  PAGE 438
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030296     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030297 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR				

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00

22 .0000E+00   23 .0000E+00   24 .0000E+00

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0030298   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -

                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00

                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00

                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0030299   ; SOURCE TYPE = VOLUME   :

```
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                        ***       17:22:37

                                   PAGE 442
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030300     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
```

6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030301   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

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                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030302     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
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                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030303     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
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 - - -
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14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                                              DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030305   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -

                                              DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                                              DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                                              DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030306 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030307 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030308 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR				

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00

22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030309   ; SOURCE TYPE = VOLUME   :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030310 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030311 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00

6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                              DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                              DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030312   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                              DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                              DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                              DAY OF WEEK = SUNDAY

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    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                        ***        17:22:37

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030313     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                        ***        17:22:37

                                   PAGE 456
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030314 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030315 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01						

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14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                          ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                         ***       17:22:37

                                  PAGE 458
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030316     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
```

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    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                         ***       17:22:37

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030317     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
```

WEEK (HRDOW) *

 SOURCE ID = L0030318   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - -

22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030320 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030321   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - -

```
 SOURCE ID = L0030322     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                        ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***       17:22:37

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030323     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                          ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030324     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030325 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030326 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

HOUR SCALAR HOUR SCALAR HOUR SCALAR
- - - -

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    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                          ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                         ***       17:22:37

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030328     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                          ***        03/08/24
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                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030329     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
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                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030330     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                    DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***       17:22:37

                                PAGE 473
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030331     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                    DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

```
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030332     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030333 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030334 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                             ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                            ***       17:22:37

                                    PAGE 477
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030335     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030336 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- - - -

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030337 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030338 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01

```
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                          ***       03/08/24
 *** AERMET - VERSION  16216 ***   ***
                         ***       17:22:37

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030339     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
```

```
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
🡅 *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:22:37

                                  PAGE 482
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030340     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
🡅 *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:22:37

                                  PAGE 483
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
```

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030341 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030342 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***    *** COMPASS CONSTRUCTION
                              ***         03/08/24
 *** AERMET - VERSION  16216 ***    ***
                             ***        17:22:37

                                    PAGE 485
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030343     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
```

14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030344   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

```
 SOURCE ID = L0030345     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:22:37

                                  PAGE 488
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030346     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030347 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00

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22  .0000E+00   23  .0000E+00   24  .0000E+00
🡅 *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:22:37

                                  PAGE 490
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030348     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
🡅 *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:22:37

                                  PAGE 491
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030349     ; SOURCE TYPE = VOLUME   :
```

```
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                        ***       17:22:37

                                   PAGE 492
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030350     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
```

6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030351   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030352 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030353 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

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 - - -
```

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14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                          ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                         ***       17:22:37

                                   PAGE 497
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030355     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                          ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030356 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030357 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030358 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00

22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030359   ; SOURCE TYPE = VOLUME   :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030360 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030361 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00

6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030362   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY

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    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                        ***        17:22:37

                                   PAGE 505
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030363     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                        ***        17:22:37

                                   PAGE 506
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030364 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030365 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01						

14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SATURDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SUNDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0030366   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -

DAY OF WEEK = WEEKDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SATURDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SUNDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030367 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- - - -

WEEK (HRDOW) *

 SOURCE ID = L0030368   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - -

22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030370 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030371   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - -

```
 SOURCE ID = L0030372     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                        ***       17:22:37

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030373     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
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    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:22:37

                                  PAGE 516
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030374     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030375 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030376 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

SOURCE ID = L0030377 ; SOURCE TYPE = VOLUME :
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00

```
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                          ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                         ***       17:22:37

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030378     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                          ***        03/08/24
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                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030379     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```



```
                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030380     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
```

```
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                    DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***       17:22:37

                                PAGE 523
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030381     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                    DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030382     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030383 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030384 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                        ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***       17:22:37

                                  PAGE 527
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030385     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030386 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030387 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030388 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01

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    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                          ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                         ***       17:22:37

                                   PAGE 531
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030389     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
```

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6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
🡅 *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:22:37

                                  PAGE 532
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030390     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
🡅 *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:22:37

                                  PAGE 533
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030391 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030392 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***    *** COMPASS CONSTRUCTION
                              ***         03/08/24
 *** AERMET - VERSION  16216 ***    ***
                             ***        17:22:37

                                    PAGE 535
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030393     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
```

14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030394   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

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 SOURCE ID = L0030395     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:22:37

                                  PAGE 538
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030396     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
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                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                           ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                           ***       17:22:37

                                    PAGE 539
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030397     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
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22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:22:37

                                  PAGE 540
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030398     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:22:37

                                  PAGE 541
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030399     ; SOURCE TYPE = VOLUME   :
```

```
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                        ***       17:22:37

                                   PAGE 542
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030400     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
```

6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030401   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0030402   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -

                                                    DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00

                                                    DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00

                                                    DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0030403   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR

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 - - -
```

```
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                            DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030405     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                            DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                            DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                            DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030406 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030407 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01								
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00								
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00								
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00								
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00								
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00								
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00								

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030408 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01								
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00								
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00								
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00								
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00														

22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030409   ; SOURCE TYPE = VOLUME   :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030410 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030411 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00

```
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:22:37

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030412     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
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    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                        ***        17:22:37

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030413     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                        ***        17:22:37

                                   PAGE 556
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030414 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030415 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01						

14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                          DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030416   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                          DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030417 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF

WEEK (HRDOW) *

 SOURCE ID = L0030418   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - -

22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030420 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030421   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - -

```
 SOURCE ID = L0030422     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                        ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***       17:22:37

                                  PAGE 565
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030423     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                          ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                         ***       17:22:37

                                   PAGE 566
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030424     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030425 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030426 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

HOUR SCALAR HOUR SCALAR HOUR SCALAR
- - - -

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    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                          ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                         ***       17:22:37

                                   PAGE 570
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030428     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                          ***        03/08/24
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                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030429   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030430   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -

```
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                    DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***       17:22:37

                                PAGE 573
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030431     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                    DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
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   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030432     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030433 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030434 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                             ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030435     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030436 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- - - -

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030437 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030438 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01

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    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                          ***       03/08/24
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030439     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
```

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6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
🡅 *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:22:37

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030440     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
🡅 *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:22:37

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030441 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030442 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***    *** COMPASS CONSTRUCTION
                              ***         03/08/24
 *** AERMET - VERSION  16216 ***    ***
                             ***        17:22:37

                                    PAGE 585
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030443     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
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14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030444   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

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 SOURCE ID = L0030445     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:22:37

                                  PAGE 588
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030446     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030447 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR				

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00

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22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                          ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                         ***        17:22:37

                                    PAGE 590
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030448     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                          ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                         ***        17:22:37

                                    PAGE 591
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030449     ; SOURCE TYPE = VOLUME   :
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  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                        ***       17:22:37

                                   PAGE 592
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030450     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
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6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030451   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0030452   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -

                                                    DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00

                                                    DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00

                                                    DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0030453   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR

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 - - -
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14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                          ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                         ***       17:22:37

                                   PAGE 597
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030455     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                          ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030456 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030457 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030458 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00

22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030459   ; SOURCE TYPE = VOLUME   :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030460 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030461 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00

6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030462   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY

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    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                        ***        17:22:37

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030463     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                        ***        17:22:37

                                   PAGE 606
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030464 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030465 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01						

14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SATURDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SUNDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0030466   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -

DAY OF WEEK = WEEKDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SATURDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SUNDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00

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    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                          ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                          ***       17:22:37

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030467     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                          ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                          ***       17:22:37

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
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WEEK (HRDOW) *

 SOURCE ID = L0030468   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030469   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00

22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030470   ; SOURCE TYPE = VOLUME   :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030471   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - -

```
 SOURCE ID = L0030472     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                        ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***       17:22:37

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030473     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
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    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***       17:22:37

                                  PAGE 616
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030474     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030475 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030476 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

HOUR SCALAR HOUR SCALAR HOUR SCALAR
- - - -

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    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                          ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                         ***       17:22:37

                                   PAGE 620
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030478     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                          ***        03/08/24
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                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030479     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
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                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030480     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                    DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***       17:22:37

                                  PAGE 623
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030481     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                    DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

```
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030482     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030483 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030484 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                        ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***       17:22:37

                                  PAGE 627
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030485     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030486 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030487 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030488 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01

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    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                          ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                         ***       17:22:37

                                   PAGE 631
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030489     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
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6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
🡅 *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:22:37

                                  PAGE 632
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030490     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
🡅 *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:22:37

                                  PAGE 633
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
```

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030491 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030492 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                             ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                            ***       17:22:37

                                    PAGE 635
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030493     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
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14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030494   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

```
 SOURCE ID = L0030495     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:22:37

                                  PAGE 638
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030496     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

```
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
🡅 *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:22:37

                                  PAGE 639
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030497     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
```

22 .0000E+00   23 .0000E+00   24 .0000E+00

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0030498   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -

                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0030499   ; SOURCE TYPE = VOLUME   :

```
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                        ***       17:22:37

                                   PAGE 642
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030500     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
```

6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030501   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0030502   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -

                                                    DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00

                                                    DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00

                                                    DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0030503   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR

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 - - -
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14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                          ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                         ***       17:22:37

                                   PAGE 647
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030505     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                          ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030506 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030507 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030508 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00

22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030509   ; SOURCE TYPE = VOLUME   :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030510 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030511 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00

6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030512   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY

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    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                        ***        17:22:37

                                   PAGE 655
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030513     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                        ***        17:22:37

                                   PAGE 656
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030514   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - -

14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                              DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                              DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030516   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                              DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                              DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                              DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030517   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF

WEEK (HRDOW) *

 SOURCE ID = L0030518   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - -

22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030520   ; SOURCE TYPE = VOLUME   :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00

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   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***       03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***       17:22:37

                                   PAGE 663
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030521     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR  HOUR   SCALAR  HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***       03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***       17:22:37

                                   PAGE 664
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
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 SOURCE ID = L0030522     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                        ***       17:22:37

                                  PAGE 665
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030523     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
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    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                          ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                         ***       17:22:37

                                    PAGE 666
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030524     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030525 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030526 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

HOUR SCALAR HOUR SCALAR HOUR SCALAR
- - - -

```
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                          ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                         ***       17:22:37

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030528     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                          ***        03/08/24
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                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030529   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030530   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -

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- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                    DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***       17:22:37

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030531     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                    DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
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   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030532     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030533 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030534 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															

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    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                             ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                            ***       17:22:37

                                    PAGE 677
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030535     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
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1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030536 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030537     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                        ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:22:37

                                  PAGE 680
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030538     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
```

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    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                          ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                         ***       17:22:37

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030539     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
```

```
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
🡅 *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:22:37

                                 PAGE 682
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030540     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
🡅 *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:22:37

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030541 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030542 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                          ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                         ***       17:22:37

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030543     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
```

14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030544   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

```
 SOURCE ID = L0030545     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - -
```

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                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
🡅 *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:22:37

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030547     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
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22  .0000E+00   23  .0000E+00   24  .0000E+00
🡅 *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:22:37

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030548     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
🡅 *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:22:37

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030549     ; SOURCE TYPE = VOLUME   :
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```
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                        ***       17:22:37

                                   PAGE 692
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030550     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
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6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030551   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030552   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030553   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR

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 - - -
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14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030555   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -

                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030556 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030557 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030558 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00

22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030559   ; SOURCE TYPE = VOLUME   :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030560 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030561 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00

6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030562   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY

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    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                        ***        17:22:37

                                   PAGE 705
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030563     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                        ***        17:22:37

                                   PAGE 706
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030564 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030565 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01						

14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                              DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                              DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030566   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                              DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                              DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                              DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030567 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- - - -

WEEK (HRDOW) *

 SOURCE ID = L0030568   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - -

22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030570 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030571   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - -

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 SOURCE ID = L0030572     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                        ***       17:22:37

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030573     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
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    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:22:37

                                  PAGE 716
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030574     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030575 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030576 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - -

```
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***       03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***       17:22:37

                                  PAGE 720
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030578     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***       03/08/24
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                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0030579   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
                                                    DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                    DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                    DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0030580   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -

```
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                    DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***       17:22:37

                                  PAGE 723
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030581     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                    DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
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```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
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*** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030582     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030583 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030584 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                             ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                            ***       17:22:37

                                    PAGE 727
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030585     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030586 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030587 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030588 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01

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    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                          ***       03/08/24
 *** AERMET - VERSION  16216 ***   ***
                         ***       17:22:37

                                   PAGE 731
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030589     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
```

```
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
🡅 *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:22:37

                                  PAGE 732
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030590     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
🡅 *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:22:37

                                  PAGE 733
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030591 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030592 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***    *** COMPASS CONSTRUCTION
                          ***        03/08/24
 *** AERMET - VERSION  16216 ***    ***
                         ***       17:22:37

                                    PAGE 735
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030593     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
```

14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030594   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

```
 SOURCE ID = L0030595     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:22:37

                                PAGE 738
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030596     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030597 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR				

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00

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22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:22:37

                                  PAGE 740
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030598     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:22:37

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030599     ; SOURCE TYPE = VOLUME   :
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```
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                        ***       17:22:37

                                   PAGE 742
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030600     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
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6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030601   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

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                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:22:37

                                  PAGE 744
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030602     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:22:37

                                  PAGE 745
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030603     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
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 - - -
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14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SUNDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030605   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -

DAY OF WEEK = WEEKDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SATURDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SUNDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030606 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030607 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01								
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00								
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00								
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00								
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00								
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00								
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00								

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030608 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01								
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00								
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00								
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00								
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00														

22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030609   ; SOURCE TYPE = VOLUME   :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030610 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030611 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00

6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030612   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY

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    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                        ***        17:22:37

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030613     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                        ***        17:22:37

                                   PAGE 756
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030614 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030615 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01						

14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                          DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030616   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                          DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030617 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF

WEEK (HRDOW) *

 SOURCE ID = L0030618   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - -

22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030620   ; SOURCE TYPE = VOLUME   :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030621   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - -

```
 SOURCE ID = L0030622     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                        ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***       17:22:37

                                  PAGE 765
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030623     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                          ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                         ***       17:22:37

                                   PAGE 766
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030624     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030625 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030626 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

HOUR SCALAR HOUR SCALAR HOUR SCALAR
- - - -

```
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                          ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                         ***       17:22:37

                                   PAGE 770
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030628     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                          ***        03/08/24
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                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030629     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
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                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030630     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
```

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- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                    DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***       17:22:37

                                  PAGE 773
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030631     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                    DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
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   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030632     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030633 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030634 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                             ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                            ***       17:22:37

                                    PAGE 777
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030635     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030636 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
- -

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030637 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030638 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01

```
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                          ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                         ***       17:22:37

                                   PAGE 781
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030639     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
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6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
🡅 *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:22:37

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030640     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
🡅 *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:22:37

                                  PAGE 783
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030641 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030642 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00

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   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***    *** COMPASS CONSTRUCTION
                              ***         03/08/24
 *** AERMET - VERSION  16216 ***    ***
                             ***        17:22:37

                                    PAGE 785
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030643     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
```

14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030644   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

```
 SOURCE ID = L0030645     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:22:37

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030646     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
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                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                           ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                           ***       17:22:37

                                    PAGE 789
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030647     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
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22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:22:37

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030648     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:22:37

                                  PAGE 791
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030649     ; SOURCE TYPE = VOLUME   :
```

```
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                        ***       17:22:37

                                   PAGE 792
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030650     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
```

6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030651   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030652   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030653   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR

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 - - -
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14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030655   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -

                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030656 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030657 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030658 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00

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22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                        ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:22:37

                                  PAGE 801
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030659     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                        ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:22:37
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030660 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030661 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00

6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030662   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY

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    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                        ***        17:22:37

                                   PAGE 805
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030663     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                        ***        17:22:37

                                   PAGE 806
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030664 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030665 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01						

14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                          DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030666   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                          DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00

```
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                          ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                          ***       17:22:37

                                    PAGE 809
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030667     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                          ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                          ***       17:22:37

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
```

WEEK (HRDOW) *

 SOURCE ID = L0030668   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - -

22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030670 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030671   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - -

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 SOURCE ID = L0030672     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                        ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***       17:22:37

                                  PAGE 815
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030673     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
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    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:22:37

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030674     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030675 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030676 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

HOUR SCALAR HOUR SCALAR HOUR SCALAR
- - - -

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    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:22:37

                                  PAGE 820
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030678     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
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                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030679     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```



```
                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030680     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
```

```
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                    DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***       17:22:37

                                  PAGE 823
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030681     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                    DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
```

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   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030682     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030683 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030684 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                        ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***       17:22:37

                                  PAGE 827
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030685     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030686 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030687     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                          ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                         ***       17:22:37

                                   PAGE 830
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030688     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
```

```
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                          ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                         ***       17:22:37

                                   PAGE 831
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030689     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
```

```
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
🡅 *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:22:37

                                  PAGE 832
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030690     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
🡅 *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:22:37

                                  PAGE 833
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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SOURCE ID = L0030691 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030692 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***    *** COMPASS CONSTRUCTION
                              ***         03/08/24
 *** AERMET - VERSION  16216 ***    ***
                             ***        17:22:37

                                    PAGE 835
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030693     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
```

14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030694   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

```
 SOURCE ID = L0030695     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:22:37

                                  PAGE 838
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030696     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030697 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR				

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00

22 .0000E+00   23 .0000E+00   24 .0000E+00

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0030698   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -

                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0030699   ; SOURCE TYPE = VOLUME   :

```
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                        ***       17:22:37

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030700     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
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6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030701   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030702   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -

                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030703   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR

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 - - -
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14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SUNDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030705   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -

DAY OF WEEK = WEEKDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SATURDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SUNDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030706 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030707 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030708 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00						

22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030709   ; SOURCE TYPE = VOLUME   :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030710 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030711 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00

6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030712   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY

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    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:22:37

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030713     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:22:37

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030714   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - -

14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                          DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030716   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                          DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00

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    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                          ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                          ***       17:22:37

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030717     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                          ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                          ***       17:22:37

                                    PAGE 860
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
```

WEEK (HRDOW) *

 SOURCE ID = L0030718   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030719   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00

22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030720 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030721   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - -

```
 SOURCE ID = L0030722     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                        ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***       17:22:37

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030723     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
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    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                          ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                          ***       17:22:37

                                    PAGE 866
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030724     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030725 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0030726 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

HOUR SCALAR HOUR SCALAR HOUR SCALAR
- - - -

```
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                          ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                         ***       17:22:37

                                   PAGE 870
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030728     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                          ***        03/08/24
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                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030729     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
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                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0030730     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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- -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0031240 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0031241     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0031242 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0031243 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															

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    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                             ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                            ***       17:22:37

                                    PAGE 877
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0031244     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00								
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00								
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0031245 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01								
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00								
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00								
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00								
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00								
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00								
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0031246 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0031247 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01

```
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                          ***       03/08/24
 *** AERMET - VERSION  16216 ***   ***
                         ***       17:22:37

                                   PAGE 881
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0031248     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
```

6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0031249   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0031250 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0031251 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00

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   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                          ***       03/08/24
 *** AERMET - VERSION  16216 ***   ***
                         ***       17:22:37

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0031252     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
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14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0031253   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

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 SOURCE ID = L0031254     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:22:37

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0031255     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
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                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
🡅 *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:22:37

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0031256     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
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22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:22:37

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0031257     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0031258     ; SOURCE TYPE = VOLUME   :
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```
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                        ***       17:22:37

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0031259     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
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6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0031260   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0031261 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0031262 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

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 - - -
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14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0031264   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -

                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0031265 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0031266 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0031267 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- - - -

22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0031268   ; SOURCE TYPE = VOLUME   :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0031269 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0031270 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00

6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0031271   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY

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    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                        ***        17:22:37

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0031272     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                  DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                        ***        17:22:37

                                   PAGE 906
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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SOURCE ID = L0031273 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0031274 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01						

14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                              DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                              DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0031275   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                              DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                              DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                              DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00

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    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                         ***       17:22:37

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0031276     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                         ***       17:22:37

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
```

WEEK (HRDOW) *

 SOURCE ID = L0031277   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - -

22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0031279 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0031280   ; SOURCE TYPE = VOLUME   :
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
- -

DAY OF WEEK = WEEKDAY
1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SATURDAY
1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SUNDAY
1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

```
 SOURCE ID = L0031281     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - -
```

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    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                          ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                         ***       17:22:37

                                   PAGE 916
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0031283     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0031284 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0031285 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

HOUR SCALAR HOUR SCALAR HOUR SCALAR
- - - -

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    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:22:37

                                  PAGE 920
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0031287     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
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                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0031288   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
                                                    DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                    DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                    DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0031289   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -

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- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                    DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***       17:22:37

                                  PAGE 923
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0031290     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                    DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
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   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
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                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0031291     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0031292 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0031293 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                        ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***       17:22:37

                                  PAGE 927
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0031294     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
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1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0031295 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0031296 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0031297 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01

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    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                          ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:22:37

                                  PAGE 931
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0031298     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
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6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0031299   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0031300 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0031301 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***    *** COMPASS CONSTRUCTION
                              ***         03/08/24
 *** AERMET - VERSION  16216 ***    ***
                             ***        17:22:37

                                    PAGE 935
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0031302     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
```

14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0031303   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

```
 SOURCE ID = L0031304     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:22:37

                                  PAGE 938
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0031305     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
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1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0031306 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00

22 .0000E+00   23 .0000E+00   24 .0000E+00

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0031307   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -

                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0031308   ; SOURCE TYPE = VOLUME   :

```
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                        ***       17:22:37

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0031309     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
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6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0031310   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0031311   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -

                                                    DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00

                                                    DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00

                                                    DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0031312   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR

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 - - -
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14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SUNDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0031314   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -

DAY OF WEEK = WEEKDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SATURDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SUNDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0031315 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0031316 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01								
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00								
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00								
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00								
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00								
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00								
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00								

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0031317 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01								
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00								
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00								
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00								
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00														

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22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                        ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:22:37

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0031318     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                        ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:22:37
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0031319 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0031320 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00

6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0031321   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY

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    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0031322     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                        ***        17:22:37

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0031323 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0031324 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01						

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14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                        ***       17:22:37

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0031325     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
```

```
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
🡅 *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:22:37

                                  PAGE 959
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0031326     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
🡅 *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:22:37

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
```

WEEK (HRDOW) *

 SOURCE ID = L0031327   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - -

22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0031329 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0031330   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - -

```
 SOURCE ID = L0031331     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                        ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***       17:22:37

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0031332     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
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    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:22:37

                                  PAGE 966
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0031333     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0031334 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0031335 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

HOUR SCALAR HOUR SCALAR HOUR SCALAR
- - - -

```
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                          ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                         ***       17:22:37

                                    PAGE 970
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0031337     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                          ***        03/08/24
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                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0031338     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
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```
                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0031339     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
```

```
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                    DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***       17:22:37

                                  PAGE 973
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0031340     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                    DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0031341     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0031342 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0031343 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                             ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                            ***       17:22:37

                                    PAGE 977
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0031344     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0031345 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0031346 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0031347 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01

```
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                          ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                         ***       17:22:37

                                   PAGE 981
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0031348     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
```

```
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
🡅 *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:22:37

                                  PAGE 982
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0031349     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
🡅 *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:22:37

                                  PAGE 983
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0031350 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0031351 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00

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   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                          ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                         ***       17:22:37

                                    PAGE 985
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0031352     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
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14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0031353   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

```
 SOURCE ID = L0031354     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:22:37

                                  PAGE 988
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0031355     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
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1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0031356 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00

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22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:22:37

                                  PAGE 990
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0031357     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:22:37

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0031358     ; SOURCE TYPE = VOLUME   :
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```
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                        ***       17:22:37

                                   PAGE 992
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0031359     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
```

6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0031360   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0031361 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0031362 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

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 - - -
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```
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                          ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                         ***       17:22:37

                                   PAGE 997
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0031364     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                          ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0031365 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0031366 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

```
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
🡅 *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:22:37

                                PAGE  1000
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0031367     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
```

22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0031368   ; SOURCE TYPE = VOLUME   :

HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR

- - - -

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0031369 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0031370 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00

6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0031371   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                        ***        17:22:37

                                PAGE  1005
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0031372     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                        ***        17:22:37

                                PAGE  1006
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
```

SOURCE ID = L0031373 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0031374 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01						

```
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***       17:22:37

                                PAGE  1008
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0031375     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0031376 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF

WEEK (HRDOW) *

 SOURCE ID = L0031377   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - -

```
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                          ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                         ***       17:22:37

                                PAGE  1012
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0031379     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
```

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0031380   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - -

```
 SOURCE ID = L0031381     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - -
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:22:37

                                PAGE  1016
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0031383     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0031384 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0031385 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

HOUR SCALAR HOUR SCALAR HOUR SCALAR
- -

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0031386 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR HOUR SCALAR HOUR SCALAR
- -

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00

```
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
1 *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                          ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                         ***       17:22:37

                                PAGE  1020
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0031387     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
1 *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                          ***        03/08/24
```

```
                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0031388     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
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                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0031389     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
```

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0031390   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0031391     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0031392 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0031393 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                        ***       17:22:37

                                PAGE  1027
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0031394     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0031395 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0031396 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0031397 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01

```
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                          ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                         ***        17:22:37

                                PAGE  1031
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0031398     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
```

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6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
🡅 *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:22:37

                                PAGE  1032
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0031399     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
🡅 *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:22:37

                                PAGE  1033
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
```

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0031400 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0031401 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                          ***       03/08/24
 *** AERMET - VERSION  16216 ***   ***
                         ***       17:22:37

                                PAGE  1035
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0031402     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
```

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0031403   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

```
 SOURCE ID = L0031404     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:22:37

                                PAGE  1038
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0031405     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
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                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
🡅 *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:22:37

                                PAGE  1039
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0031406     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
```

22 .0000E+00   23 .0000E+00   24 .0000E+00

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0031407   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -

                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00

                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00

                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0031408   ; SOURCE TYPE = VOLUME   :

```
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                        ***       17:22:37

                                PAGE  1042
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0031409     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
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6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0031410   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0031411   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                 DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0031412   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR

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 - - -
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14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                          ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                         ***       17:22:37

                                PAGE  1047
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0031414     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                          ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0031415 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0031416 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0031417 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00

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22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
1 *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:22:37

                                PAGE  1051
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0031418     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
1 *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:22:37
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0031419 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0031420 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00

6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0031421   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY

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    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                        ***        17:22:37

                                PAGE  1055
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0031422     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                        ***        17:22:37

                                PAGE  1056
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0031423 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0031424 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01						

14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SATURDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SUNDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0031425   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -

DAY OF WEEK = WEEKDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SATURDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SUNDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00

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    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                          ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                         ***       17:22:37

                                PAGE  1059
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0031426     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                          ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                         ***       17:22:37

                                PAGE  1060
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
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WEEK (HRDOW) *

 SOURCE ID = L0031427     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                          ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***       17:22:37

                                PAGE  1061
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0031428     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
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22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0031429 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

- - - -

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   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:22:37

                                PAGE  1063
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0031430     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:22:37

                                PAGE  1064
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *
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```
 SOURCE ID = L0031431     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - -
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                          ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                         ***       17:22:37

                                PAGE  1066
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0031433     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0031434 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0031435 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

HOUR SCALAR HOUR SCALAR HOUR SCALAR
- - - -

```
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                          ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                         ***       17:22:37

                                PAGE  1070
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0031437     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                          ***        03/08/24
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*** AERMET - VERSION 16216 ***   ***
                      ***   17:22:37

                              PAGE 1071
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0031438   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0031439   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -

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- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                    DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***       17:22:37

                                PAGE  1073
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0031440     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                    DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
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   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
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                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0031441     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0031442 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0031476 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                             ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                            ***       17:22:37

                                  PAGE  1077
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0031477     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0031478 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- - - -

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0031479 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0031480 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01

```
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0031481     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
```

```
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
🡅 *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:22:37

                                PAGE  1082
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0031482     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
🡅 *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:22:37

                                PAGE  1083
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0031483 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0031484 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                          ***       03/08/24
 *** AERMET - VERSION  16216 ***   ***
                         ***       17:22:37

                                PAGE  1085
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0031485     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
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14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0031486   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

```
 SOURCE ID = L0031487     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:22:37

                                PAGE  1088
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0031488     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

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                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
🡅 *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:22:37

                                PAGE  1089
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0031489     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
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22 .0000E+00   23 .0000E+00   24 .0000E+00

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0031490   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -

                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0031491   ; SOURCE TYPE = VOLUME   :

```
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                        ***       17:22:37

                                PAGE  1092
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0031492     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
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6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0031493   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0031494   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                 DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0031495   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR

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 - - -
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```
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                            DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                          ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                         ***       17:22:37

                                PAGE  1097
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0031497     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                            DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                            DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                            DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                          ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0031498 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0031499 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0031500 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00						

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22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                        ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:22:37

                                PAGE  1101
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0031501     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                        ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:22:37
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0031502 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0031503 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00

6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0031504   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY

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    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                        ***        17:22:37

                                PAGE  1105
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0031505     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                        ***        17:22:37

                                PAGE  1106
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0031506 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0031507 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01						

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14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                          ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                         ***       17:22:37

                                PAGE  1108
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0031508     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
```

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0031509 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF

WEEK (HRDOW) *

 SOURCE ID = L0031510   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - -

```
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                            DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                            DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                          ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                         ***       17:22:37

                                PAGE  1112
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0031512     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                            DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                            DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                            DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
```

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0031513   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - -

```
 SOURCE ID = L0031514     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                        ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:22:37

                                PAGE  1115
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0031515     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:22:37

                                PAGE  1116
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0031516     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0031517 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0031518 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

HOUR SCALAR HOUR SCALAR HOUR SCALAR
 - - -

```
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***       17:22:37

                                PAGE  1120
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0031520     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
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 *** AERMET - VERSION  16216 ***   ***
                       ***       17:22:37

                              PAGE  1121
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0031521     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***       03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***       17:22:37

                              PAGE  1122
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0031522     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
```

```
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                    DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                          ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:22:37

                                PAGE  1123
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0031523     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                    DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
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                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0031524     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0031525 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR				

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.0000E+00	8	.1000E+01				
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01
14	.1000E+01	15	.1000E+01	16	.0000E+00				
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00				

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.0000E+00	8	.0000E+00				
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00
14	.0000E+00	15	.0000E+00	16	.0000E+00				
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00				

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.0000E+00	8	.0000E+00				
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00
14	.0000E+00	15	.0000E+00	16	.0000E+00				
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00				

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0031526 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR				

DAY OF WEEK = WEEKDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00

                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00

                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
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                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0031527     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -

                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00

                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00								
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00								
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00								

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0031528 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01								
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00								
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00								
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00								
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00								
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00								
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0031529 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0031530 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01

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    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                          ***       03/08/24
 *** AERMET - VERSION  16216 ***   ***
                         ***       17:22:37

                                PAGE  1131
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0031531     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
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6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
🡅 *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:22:37

                                PAGE  1132
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0031532     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
🡅 *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:22:37

                                PAGE  1133
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
```

SOURCE ID = L0031533 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0031534 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                          ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                         ***       17:22:37

                                PAGE  1135
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0031535     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
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14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0031536   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

```
 SOURCE ID = L0031537     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:22:37

                                PAGE  1138
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0031538     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
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                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
🡅 *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:22:37

                                PAGE  1139
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0031539     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
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22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:22:37

                                PAGE  1140
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0031540     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:22:37

                                PAGE  1141
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0031541     ; SOURCE TYPE = VOLUME   :
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```
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                        ***       17:22:37

                                PAGE  1142
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0031542     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
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6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0031543   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0031544   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0031545   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR

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 - - -
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14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                            DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                          ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                         ***       17:22:37

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0031547     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                            DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                            DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                            DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                          ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0031548 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0031549 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0031550 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00

22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0031551   ; SOURCE TYPE = VOLUME   :

HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR

- - - -

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0031552 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

↟ *** AERMOD - VERSION 23132 *** *** COMPASS CONSTRUCTION
*** *** 03/08/24
*** AERMET - VERSION 16216 *** ***
*** 17:22:37

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0031553 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00						

6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0031554   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0031555   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0031556 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0031557 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01						

14 .1000E+01   15 .1000E+01   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0031558   ; SOURCE TYPE = VOLUME   :
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
- -
DAY OF WEEK = WEEKDAY
1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00

```
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                          ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                          ***       17:22:37

                                PAGE  1159
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0031559     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                          ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                          ***       17:22:37

                                PAGE  1160
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
```

WEEK (HRDOW) *

 SOURCE ID = L0031560   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - -

22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0031562 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0031563   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - -

```
 SOURCE ID = L0031564     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                        ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***       17:22:37

                                PAGE  1165
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0031565     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0031566 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0031567 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0031568 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

HOUR SCALAR HOUR SCALAR HOUR SCALAR
 - - -

```
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
1 *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                          ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                         ***       17:22:37

                                PAGE  1170
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0031570     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
1 *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                          ***        03/08/24
```

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0031571   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0031572   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -

- -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0031573 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00

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   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

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                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0031574     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0031575 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR				

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.0000E+00	8	.1000E+01				
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01
14	.1000E+01	15	.1000E+01	16	.0000E+00				
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00				

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.0000E+00	8	.0000E+00				
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00
14	.0000E+00	15	.0000E+00	16	.0000E+00				
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00				

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.0000E+00	8	.0000E+00				
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00
14	.0000E+00	15	.0000E+00	16	.0000E+00				
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00				

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0031576 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR				

DAY OF WEEK = WEEKDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```



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                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0031577     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0031578 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- - - -

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0031579     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                        ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:22:37

                                PAGE  1180
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0031580     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
```

```
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                          ***       03/08/24
 *** AERMET - VERSION  16216 ***   ***
                         ***       17:22:37

                                PAGE  1181
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0031581     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
```

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6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
🡅 *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:22:37

                                PAGE  1182
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0031582     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
🡅 *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:22:37

                                PAGE  1183
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0031583 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0031584 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00

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   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                          ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                         ***       17:22:37

                                PAGE  1185
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0031585     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
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14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0031586   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

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 SOURCE ID = L0031587     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:22:37

                                PAGE  1188
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0031588     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
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                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
🡅 *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:22:37

                                PAGE  1189
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0031589     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
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22  .0000E+00   23  .0000E+00   24  .0000E+00
🡅 *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:22:37

                                PAGE  1190
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0031590     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
🡅 *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:22:37

                                PAGE  1191
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0031591     ; SOURCE TYPE = VOLUME   :
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  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                        ***       17:22:37

                                PAGE  1192
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0031592     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
```

6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0031593   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

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                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:22:37

                                PAGE  1194
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0031594     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:22:37

                                PAGE  1195
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0031595     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
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 - - -
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14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                            DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                          ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                         ***       17:22:37

                                PAGE  1197
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0031597     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                            DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                            DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                            DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                          ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0031598 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0031599 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0031600 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- - - -

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22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
🡅 *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:22:37

                                PAGE  1201
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0031601     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
🡅 *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:22:37
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0031602 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0031603 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00

6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0031604   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY

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    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                        ***        17:22:37

                                PAGE  1205
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0031605     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                        ***        17:22:37

                                PAGE  1206
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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 SOURCE ID = L0031606   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - -

```
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***       17:22:37

                                PAGE  1208
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0031608     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
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    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                          ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                         ***       17:22:37

                                PAGE  1209
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0031609     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                          ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                         ***       17:22:37

                                PAGE  1210
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
```

WEEK (HRDOW) *

 SOURCE ID = L0031610   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - -

```
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***       17:22:37

                                PAGE  1212
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0031612     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
```

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0031613   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - -

```
 SOURCE ID = L0031614     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                        ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***       17:22:37

                                PAGE  1215
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0031615     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:22:37

                                PAGE  1216
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0031616     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0031617 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0031618 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

HOUR SCALAR HOUR SCALAR HOUR SCALAR
- - - -

```
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:22:37

                                PAGE  1220
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0031620     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
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                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0031621   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0031622   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -

- -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0031623 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0031624   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0031625 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR				

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.0000E+00	8	.1000E+01				
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01
14	.1000E+01	15	.1000E+01	16	.0000E+00				
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00				

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.0000E+00	8	.0000E+00				
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00
14	.0000E+00	15	.0000E+00	16	.0000E+00				
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00				

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.0000E+00	8	.0000E+00				
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00
14	.0000E+00	15	.0000E+00	16	.0000E+00				
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00				

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0031626 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR				

DAY OF WEEK = WEEKDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                        ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***       17:22:37

                                PAGE  1227
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0031627     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0031628 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01
14 .1000E+01 15 .1000E+01 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0031629 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0031630 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01

```
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0031631     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
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6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
🡅 *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:22:37

                                PAGE  1232
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0031632     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
🡅 *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:22:37

                                PAGE  1233
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0031633 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0031634 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                          ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                         ***       17:22:37

                                PAGE  1235
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0031635     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
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                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0031636   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

```
 SOURCE ID = L0031637     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:22:37

                                PAGE  1238
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0031638     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0031639   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00

22 .0000E+00   23 .0000E+00   24 .0000E+00

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0031640   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0031641   ; SOURCE TYPE = VOLUME   :

```
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                        ***       17:22:37

                                PAGE  1242
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0031642     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
```

6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0031643   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

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                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:22:37

                                PAGE  1244
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0031644     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01
14  .1000E+01   15  .1000E+01   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:22:37

                                PAGE  1245
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0031645     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
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 - - -
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14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SUNDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0031647   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -

DAY OF WEEK = WEEKDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SATURDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SUNDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0031648 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0031649 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0031650 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0031651   ; SOURCE TYPE = VOLUME   :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .1000E+01
9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01
14 .1000E+01   15 .1000E+01   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0031652 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(478269.3, 3732495.4, 471.1, 683.6, 0.0); (478319.3, 3732495.4, 471.2, 683.6, 0.0);
(478369.3, 3732495.4, 471.1, 683.6, 0.0); (478419.3, 3732495.4, 469.3, 683.6, 0.0);
(478469.3, 3732495.4, 467.3, 683.6, 0.0); (478519.3, 3732495.4, 467.1, 683.6, 0.0);

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     ( 478569.3, 3732495.4,     470.6,     683.6,       0.0);         ( 478619.3,
3732495.4,     468.8,     683.6,       0.0);
     ( 478669.3, 3732495.4,     471.0,     683.6,       0.0);         ( 478719.3,
3732495.4,     473.9,     683.6,       0.0);
     ( 478769.3, 3732495.4,     474.1,     683.6,       0.0);         ( 478819.3,
3732495.4,     478.1,     683.6,       0.0);
     ( 478869.3, 3732495.4,     476.9,     683.6,       0.0);         ( 478919.3,
3732495.4,     470.7,     683.6,       0.0);
     ( 478969.3, 3732495.4,     467.4,     683.6,       0.0);         ( 479019.3,
3732495.4,     468.0,     683.6,       0.0);
     ( 479069.3, 3732495.4,     473.9,     683.6,       0.0);         ( 479119.3,
3732495.4,     484.2,     683.6,       0.0);
     ( 479169.3, 3732495.4,     488.4,     683.6,       0.0);         ( 478269.3,
3732545.4,     470.4,     683.6,       0.0);
     ( 478319.3, 3732545.4,     471.2,     683.6,       0.0);         ( 478369.3,
3732545.4,     470.2,     683.6,       0.0);
     ( 478419.3, 3732545.4,     467.3,     683.6,       0.0);         ( 478469.3,
3732545.4,     464.5,     683.6,       0.0);
     ( 478519.3, 3732545.4,     462.5,     683.6,       0.0);         ( 478569.3,
3732545.4,     464.5,     683.6,       0.0);
     ( 478619.3, 3732545.4,     466.1,     683.6,       0.0);         ( 478669.3,
3732545.4,     465.1,     683.6,       0.0);
     ( 478719.3, 3732545.4,     466.3,     683.6,       0.0);         ( 478769.3,
3732545.4,     470.8,     683.6,       0.0);
     ( 478819.3, 3732545.4,     473.5,     683.6,       0.0);         ( 478869.3,
3732545.4,     474.2,     683.6,       0.0);
     ( 478919.3, 3732545.4,     469.2,     683.6,       0.0);         ( 478969.3,
3732545.4,     465.7,     683.6,       0.0);
     ( 479019.3, 3732545.4,     465.6,     683.6,       0.0);         ( 479069.3,
3732545.4,     467.2,     683.6,       0.0);
     ( 479119.3, 3732545.4,     474.8,     683.6,       0.0);         ( 479169.3,
3732545.4,     479.2,     683.6,       0.0);
     ( 478269.3, 3732595.4,     469.2,     683.6,       0.0);         ( 478319.3,
3732595.4,     469.4,     683.6,       0.0);
     ( 478369.3, 3732595.4,     467.1,     683.6,       0.0);         ( 478419.3,
3732595.4,     465.0,     683.6,       0.0);
     ( 478469.3, 3732595.4,     463.1,     683.6,       0.0);         ( 478519.3,
3732595.4,     460.3,     683.6,       0.0);
     ( 478569.3, 3732595.4,     460.0,     683.6,       0.0);         ( 478619.3,
3732595.4,     463.2,     683.6,       0.0);
     ( 478669.3, 3732595.4,     462.7,     683.6,       0.0);         ( 478719.3,
3732595.4,     463.5,     683.6,       0.0);
     ( 478769.3, 3732595.4,     467.5,     683.6,       0.0);         ( 478819.3,
3732595.4,     470.1,     683.6,       0.0);
     ( 478869.3, 3732595.4,     469.5,     683.6,       0.0);         ( 478919.3,
3732595.4,     465.2,     683.6,       0.0);
     ( 478969.3, 3732595.4,     464.2,     683.6,       0.0);         ( 479019.3,
3732595.4,     463.6,     683.6,       0.0);
     ( 479069.3, 3732595.4,     463.8,     683.6,       0.0);         ( 479119.3,
3732595.4,     465.2,     683.6,       0.0);
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(479169.3, 3732595.4, 467.2, 683.6, 0.0); (478269.3, 3732645.4, 466.4, 683.6, 0.0);
(478319.3, 3732645.4, 463.7, 683.6, 0.0); (478369.3, 3732645.4, 463.2, 683.6, 0.0);
(478419.3, 3732645.4, 462.7, 683.6, 0.0); (478469.3, 3732645.4, 461.5, 683.6, 0.0);
(478519.3, 3732645.4, 457.8, 683.6, 0.0); (478569.3, 3732645.4, 457.1, 683.6, 0.0);
(478619.3, 3732645.4, 458.9, 683.6, 0.0); (478669.3, 3732645.4, 459.9, 683.6, 0.0);
(478719.3, 3732645.4, 460.7, 683.6, 0.0); (478769.3, 3732645.4, 462.9, 683.6, 0.0);
(478819.3, 3732645.4, 464.9, 683.6, 0.0); (478869.3, 3732645.4, 460.2, 683.6, 0.0);
(478919.3, 3732645.4, 461.3, 683.6, 0.0); (478969.3, 3732645.4, 462.0, 683.6, 0.0);
(479019.3, 3732645.4, 462.1, 683.6, 0.0); (479069.3, 3732645.4, 461.1, 683.6, 0.0);
(479119.3, 3732645.4, 463.3, 683.6, 0.0); (479169.3, 3732645.4, 463.3, 683.6, 0.0);
(479219.3, 3732645.4, 464.8, 683.6, 0.0); (479269.3, 3732645.4, 464.8, 683.6, 0.0);
(478269.3, 3732695.4, 461.6, 683.6, 0.0); (478319.3, 3732695.4, 460.9, 683.6, 0.0);
(478369.3, 3732695.4, 460.3, 683.6, 0.0); (478419.3, 3732695.4, 459.9, 683.6, 0.0);
(478469.3, 3732695.4, 459.1, 683.6, 0.0); (478519.3, 3732695.4, 456.4, 683.6, 0.0);
(478569.3, 3732695.4, 456.1, 683.6, 0.0); (478619.3, 3732695.4, 457.3, 683.6, 0.0);
(478669.3, 3732695.4, 458.5, 683.6, 0.0); (478719.3, 3732695.4, 459.8, 683.6, 0.0);
(478769.3, 3732695.4, 460.9, 683.6, 0.0); (478819.3, 3732695.4, 459.4, 683.6, 0.0);

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(478869.3, 3732695.4, 456.2, 683.6, 0.0); (478919.3, 3732695.4, 457.0, 683.6, 0.0);
(478969.3, 3732695.4, 458.1, 683.6, 0.0); (479019.3, 3732695.4, 459.2, 683.6, 0.0);

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     ( 479069.3, 3732695.4,     459.9,     683.6,       0.0);         ( 479119.3,
3732695.4,     461.6,     683.6,       0.0);
     ( 479169.3, 3732695.4,     461.8,     683.6,       0.0);         ( 479219.3,
3732695.4,     462.2,     683.6,       0.0);
     ( 479269.3, 3732695.4,     462.2,     683.6,       0.0);         ( 478269.3,
3732745.4,     456.8,     683.6,       0.0);
     ( 478319.3, 3732745.4,     457.0,     683.6,       0.0);         ( 478369.3,
3732745.4,     457.3,     683.6,       0.0);
     ( 478419.3, 3732745.4,     456.8,     683.6,       0.0);         ( 478469.3,
3732745.4,     456.5,     683.6,       0.0);
     ( 478519.3, 3732745.4,     455.3,     683.6,       0.0);         ( 478569.3,
3732745.4,     455.0,     683.6,       0.0);
     ( 478619.3, 3732745.4,     455.8,     683.6,       0.0);         ( 478669.3,
3732745.4,     456.4,     683.6,       0.0);
     ( 478719.3, 3732745.4,     456.9,     683.6,       0.0);         ( 478769.3,
3732745.4,     457.0,     683.6,       0.0);
     ( 478819.3, 3732745.4,     455.9,     683.6,       0.0);         ( 478869.3,
3732745.4,     454.9,     683.6,       0.0);
     ( 478919.3, 3732745.4,     456.1,     683.6,       0.0);         ( 478969.3,
3732745.4,     457.0,     683.6,       0.0);
     ( 479019.3, 3732745.4,     458.2,     683.6,       0.0);         ( 479069.3,
3732745.4,     459.3,     683.6,       0.0);
     ( 479119.3, 3732745.4,     460.3,     683.6,       0.0);         ( 479169.3,
3732745.4,     461.1,     683.6,       0.0);
     ( 479219.3, 3732745.4,     459.4,     683.6,       0.0);         ( 479269.3,
3732745.4,     459.3,     683.6,       0.0);
     ( 478269.3, 3732795.4,     455.6,     683.6,       0.0);         ( 478319.3,
3732795.4,     456.0,     683.6,       0.0);
     ( 478369.3, 3732795.4,     455.6,     683.6,       0.0);         ( 478419.3,
3732795.4,     455.2,     683.6,       0.0);
     ( 478469.3, 3732795.4,     454.7,     683.6,       0.0);         ( 478519.3,
3732795.4,     454.3,     683.6,       0.0);
     ( 478569.3, 3732795.4,     454.4,     683.6,       0.0);         ( 478619.3,
3732795.4,     455.0,     683.6,       0.0);
     ( 478669.3, 3732795.4,     455.5,     683.6,       0.0);         ( 478719.3,
3732795.4,     455.6,     683.6,       0.0);
     ( 478769.3, 3732795.4,     455.1,     683.6,       0.0);         ( 478819.3,
3732795.4,     454.6,     683.6,       0.0);
     ( 478869.3, 3732795.4,     454.2,     683.6,       0.0);         ( 478919.3,
3732795.4,     454.6,     683.6,       0.0);
     ( 478969.3, 3732795.4,     455.1,     683.6,       0.0);         ( 479019.3,
3732795.4,     455.6,     683.6,       0.0);
     ( 479069.3, 3732795.4,     456.2,     683.6,       0.0);         ( 479119.3,
3732795.4,     456.5,     683.6,       0.0);
     ( 479169.3, 3732795.4,     456.8,     683.6,       0.0);         ( 479219.3,
3732795.4,     456.4,     683.6,       0.0);
     ( 479269.3, 3732795.4,     456.8,     683.6,       0.0);         ( 478269.3,
3732845.4,     452.1,     683.6,       0.0);
     ( 478319.3, 3732845.4,     453.8,     683.6,       0.0);         ( 478369.3,
3732845.4,     451.8,     683.6,       0.0);
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(478419.3, 3732845.4, 451.4, 683.6, 0.0); (478469.3, 3732845.4, 451.3, 683.6, 0.0);
(478519.3, 3732845.4, 452.3, 683.6, 0.0); (478569.3, 3732845.4, 453.1, 683.6, 0.0);
(478619.3, 3732845.4, 453.5, 683.6, 0.0); (478669.3, 3732845.4, 454.0, 683.6, 0.0);
(478719.3, 3732845.4, 454.1, 683.6, 0.0); (478769.3, 3732845.4, 452.8, 683.6, 0.0);
(478819.3, 3732845.4, 452.1, 683.6, 0.0); (478869.3, 3732845.4, 452.2, 683.6, 0.0);
(478919.3, 3732845.4, 453.2, 683.6, 0.0); (478969.3, 3732845.4, 454.2, 683.6, 0.0);
(479019.3, 3732845.4, 454.7, 683.6, 0.0); (479069.3, 3732845.4, 455.4, 683.6, 0.0);
(479119.3, 3732845.4, 456.0, 683.6, 0.0); (479169.3, 3732845.4, 455.2, 683.6, 0.0);
(479219.3, 3732845.4, 454.6, 683.6, 0.0); (479269.3, 3732845.4, 455.0, 683.6, 0.0);
(478269.3, 3732995.4, 444.4, 683.6, 0.0); (478319.3, 3732995.4, 446.3, 683.6, 0.0);
(478369.3, 3732995.4, 446.5, 683.6, 0.0); (478419.3, 3732995.4, 447.1, 683.6, 0.0);
(478469.3, 3732995.4, 447.9, 683.6, 0.0); (478519.3, 3732995.4, 448.7, 683.6, 0.0);
(478569.3, 3732995.4, 448.9, 683.6, 0.0); (478619.3, 3732995.4, 448.4, 683.6, 0.0);
(478669.3, 3732995.4, 447.7, 683.6, 0.0); (478719.3, 3732995.4, 447.0, 683.6, 0.0);
(478969.3, 3732995.4, 447.6, 683.6, 0.0); (479019.3, 3732995.4, 447.9, 683.6, 0.0);
(479069.3, 3732995.4, 448.6, 683.6, 0.0); (479119.3, 3732995.4, 448.4, 683.6, 0.0);
(479169.3, 3732995.4, 448.1, 683.6, 0.0); (479219.3, 3732995.4, 447.8, 683.6, 0.0);
(479269.3, 3732995.4, 448.0, 683.6, 0.0); (478269.3, 3733045.4, 444.0, 683.6, 0.0);

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(478319.3, 3733045.4, 444.9, 683.6, 0.0); (478369.3, 3733045.4, 445.8, 683.6, 0.0);

```
     ( 478419.3, 3733045.4,     446.9,     683.6,       0.0);         ( 478469.3,
3733045.4,     448.0,     683.6,       0.0);
     ( 478519.3, 3733045.4,     448.7,     683.6,       0.0);         ( 478569.3,
3733045.4,     448.8,     683.6,       0.0);
     ( 478619.3, 3733045.4,     448.3,     683.6,       0.0);         ( 478669.3,
3733045.4,     447.3,     683.6,       0.0);
     ( 478719.3, 3733045.4,     446.5,     683.6,       0.0);         ( 478769.3,
3733045.4,     446.0,     683.6,       0.0);
     ( 478819.3, 3733045.4,     445.4,     683.6,       0.0);         ( 478969.3,
3733045.4,     446.8,     683.6,       0.0);
     ( 479019.3, 3733045.4,     447.3,     683.6,       0.0);         ( 479069.3,
3733045.4,     448.0,     683.6,       0.0);
     ( 479119.3, 3733045.4,     448.0,     683.6,       0.0);         ( 479169.3,
3733045.4,     447.9,     683.6,       0.0);
     ( 479219.3, 3733045.4,     447.4,     683.6,       0.0);         ( 479269.3,
3733045.4,     447.2,     683.6,       0.0);
     ( 478269.3, 3733095.4,     444.4,     683.6,       0.0);         ( 478319.3,
3733095.4,     445.4,     683.6,       0.0);
     ( 478369.3, 3733095.4,     446.7,     683.6,       0.0);         ( 478419.3,
3733095.4,     447.9,     683.6,       0.0);
     ( 478469.3, 3733095.4,     449.0,     683.6,       0.0);         ( 478519.3,
3733095.4,     449.5,     683.6,       0.0);
     ( 478569.3, 3733095.4,     449.5,     683.6,       0.0);         ( 478619.3,
3733095.4,     449.2,     683.6,       0.0);
     ( 478669.3, 3733095.4,     448.2,     683.6,       0.0);         ( 478719.3,
3733095.4,     446.8,     683.6,       0.0);
     ( 478769.3, 3733095.4,     445.5,     683.6,       0.0);         ( 478819.3,
3733095.4,     443.9,     683.6,       0.0);
     ( 478869.3, 3733095.4,     443.1,     683.6,       0.0);         ( 478919.3,
3733095.4,     443.8,     683.6,       0.0);
     ( 478969.3, 3733095.4,     445.3,     683.6,       0.0);         ( 479019.3,
3733095.4,     445.2,     683.6,       0.0);
     ( 479069.3, 3733095.4,     445.0,     683.6,       0.0);         ( 479119.3,
3733095.4,     445.2,     683.6,       0.0);
     ( 479169.3, 3733095.4,     445.1,     683.6,       0.0);         ( 479219.3,
3733095.4,     445.6,     683.6,       0.0);
     ( 479269.3, 3733095.4,     445.7,     683.6,       0.0);         ( 478269.3,
3733145.4,     445.1,     683.6,       0.0);
     ( 478319.3, 3733145.4,     445.6,     683.6,       0.0);         ( 478369.3,
3733145.4,     446.4,     683.6,       0.0);
     ( 478419.3, 3733145.4,     448.1,     683.6,       0.0);         ( 478469.3,
3733145.4,     449.9,     683.6,       0.0);
     ( 478519.3, 3733145.4,     450.5,     683.6,       0.0);         ( 478569.3,
3733145.4,     450.1,     683.6,       0.0);
     ( 478619.3, 3733145.4,     449.3,     683.6,       0.0);         ( 478669.3,
3733145.4,     448.1,     683.6,       0.0);
     ( 478719.3, 3733145.4,     447.4,     683.6,       0.0);         ( 478769.3,
3733145.4,     445.6,     683.6,       0.0);
     ( 478819.3, 3733145.4,     442.8,     683.6,       0.0);         ( 478869.3,
3733145.4,     441.6,     683.6,       0.0);
```

```
     ( 478919.3, 3733145.4,     440.7,     683.6,       0.0);         ( 478969.3,
3733145.4,     443.6,     683.6,       0.0);
     ( 479019.3, 3733145.4,     443.6,     683.6,       0.0);         ( 479069.3,
3733145.4,     443.5,     683.6,       0.0);
     ( 479119.3, 3733145.4,     443.9,     683.6,       0.0);         ( 479169.3,
3733145.4,     443.4,     683.6,       0.0);
     ( 479219.3, 3733145.4,     444.2,     683.6,       0.0);         ( 479269.3,
3733145.4,     444.4,     683.6,       0.0);
     ( 478269.3, 3733195.4,     445.6,     683.6,       0.0);         ( 478319.3,
3733195.4,     447.6,     683.6,       0.0);
     ( 478369.3, 3733195.4,     450.8,     683.6,       0.0);         ( 478419.3,
3733195.4,     455.0,     612.3,       0.0);
     ( 478569.3, 3733195.4,     454.3,     683.6,       0.0);         ( 478619.3,
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     ( 478669.3, 3733195.4,     449.6,     683.6,       0.0);         ( 478719.3,
3733195.4,     447.2,     683.6,       0.0);
     ( 478769.3, 3733195.4,     445.5,     683.6,       0.0);         ( 478819.3,
3733195.4,     443.2,     683.6,       0.0);
     ( 478869.3, 3733195.4,     440.8,     683.6,       0.0);         ( 478919.3,
3733195.4,     438.9,     683.6,       0.0);
     ( 478969.3, 3733195.4,     442.2,     683.6,       0.0);         ( 479019.3,
3733195.4,     442.2,     683.6,       0.0);
     ( 479069.3, 3733195.4,     442.0,     683.6,       0.0);         ( 479119.3,
3733195.4,     442.4,     683.6,       0.0);
     ( 479169.3, 3733195.4,     442.3,     683.6,       0.0);         ( 479219.3,
3733195.4,     443.0,     683.6,       0.0);
     ( 479269.3, 3733195.4,     443.4,     683.6,       0.0);         ( 478619.3,
3733245.4,     454.2,     612.3,       0.0);
     ( 478669.3, 3733245.4,     451.0,     683.6,       0.0);         ( 478719.3,
3733245.4,     447.7,     683.6,       0.0);
     ( 478769.3, 3733245.4,     444.7,     683.6,       0.0);         ( 478819.3,
3733245.4,     442.8,     683.6,       0.0);
     ( 478869.3, 3733245.4,     440.8,     683.6,       0.0);         ( 478919.3,
3733245.4,     438.7,     683.6,       0.0);
     ( 478969.3, 3733245.4,     441.5,     683.6,       0.0);         ( 479019.3,
3733245.4,     441.3,     683.6,       0.0);
     ( 479069.3, 3733245.4,     441.6,     683.6,       0.0);         ( 479119.3,
3733245.4,     441.9,     683.6,       0.0);
 *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                          ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                         ***        17:22:37

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                                  *** DISCRETE CARTESIAN RECEPTORS ***
                                                 (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                              (METERS)
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```
     ( 479169.3, 3733245.4,     441.9,     683.6,       0.0);         ( 479219.3,
3733245.4,     442.4,     683.6,       0.0);
     ( 479269.3, 3733245.4,     442.7,     683.6,       0.0);         ( 478819.3,
3733295.4,     443.4,     683.6,       0.0);
     ( 478869.3, 3733295.4,     442.1,     683.6,       0.0);         ( 478919.3,
3733295.4,     440.3,     683.6,       0.0);
     ( 478969.3, 3733295.4,     440.4,     683.6,       0.0);         ( 479019.3,
3733295.4,     440.0,     683.6,       0.0);
     ( 479069.3, 3733295.4,     440.0,     683.6,       0.0);         ( 479119.3,
3733295.4,     441.5,     683.6,       0.0);
     ( 479169.3, 3733295.4,     441.8,     683.6,       0.0);         ( 479219.3,
3733295.4,     442.0,     683.6,       0.0);
     ( 479269.3, 3733295.4,     442.0,     683.6,       0.0);         ( 478819.3,
3733345.4,     444.0,     612.3,       0.0);
     ( 478869.3, 3733345.4,     442.4,     612.3,       0.0);         ( 478919.3,
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     ( 478969.3, 3733345.4,     438.8,     683.6,       0.0);         ( 479019.3,
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     ( 479069.3, 3733345.4,     439.4,     683.6,       0.0);         ( 479119.3,
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     ( 479169.3, 3733345.4,     441.8,     612.3,       0.0);         ( 479219.3,
3733345.4,     441.5,     441.5,       0.0);
     ( 479269.3, 3733345.4,     441.5,     441.5,       0.0);         ( 478819.3,
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     ( 478869.3, 3733395.4,     440.6,     612.3,       0.0);         ( 478919.3,
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     ( 478969.3, 3733395.4,     438.3,     612.3,       0.0);         ( 479019.3,
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     ( 479069.3, 3733395.4,     438.5,     612.3,       0.0);         ( 479119.3,
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     ( 479169.3, 3733395.4,     440.4,     440.4,       0.0);         ( 479219.3,
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     ( 479069.3, 3733445.4,     437.9,     437.9,       0.0);         ( 479119.3,
3733445.4,     439.5,     439.5,       0.0);
     ( 479169.3, 3733445.4,     439.8,     439.8,       0.0);         ( 479219.3,
3733445.4,     439.9,     439.9,       0.0);
     ( 479269.3, 3733445.4,     439.8,     439.8,       0.0);         ( 478919.3,
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     ( 478969.3, 3733495.4,     437.2,     489.1,       0.0);         ( 479019.3,
3733495.4,     437.3,     437.3,       0.0);
     ( 479069.3, 3733495.4,     437.5,     437.5,       0.0);         ( 479119.3,
3733495.4,     438.8,     438.8,       0.0);
     ( 479169.3, 3733495.4,     439.0,     439.0,       0.0);         ( 479219.3,
3733495.4,     439.1,     439.1,       0.0);
     ( 479269.3, 3733495.4,     438.9,     438.9,       0.0);         ( 478869.3,
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     ( 478919.3, 3733545.4,     435.9,     489.1,       0.0);         ( 478969.3,
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     ( 479219.3, 3733545.4,     438.2,     438.2,       0.0);         ( 479269.3,
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     ( 478719.3, 3733595.4,     436.0,     489.1,       0.0);         ( 478769.3,
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3733595.4,     432.6,     489.1,       0.0);
     ( 478919.3, 3733595.4,     434.9,     489.1,       0.0);         ( 478969.3,
3733595.4,     436.1,     488.1,       0.0);
     ( 479019.3, 3733595.4,     436.3,     436.3,       0.0);         ( 479069.3,
3733595.4,     436.5,     436.5,       0.0);
     ( 479119.3, 3733595.4,     437.4,     437.4,       0.0);         ( 479169.3,
3733595.4,     437.5,     437.5,       0.0);
     ( 479219.3, 3733595.4,     437.4,     437.4,       0.0);         ( 479269.3,
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     ( 478719.3, 3733645.4,     435.3,     489.1,       0.0);         ( 478769.3,
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     ( 478919.3, 3733645.4,     434.9,     489.1,       0.0);         ( 478969.3,
3733645.4,     436.0,     436.0,       0.0);
     ( 479019.3, 3733645.4,     436.3,     436.3,       0.0);         ( 479069.3,
3733645.4,     436.6,     436.6,       0.0);
     ( 479119.3, 3733645.4,     437.1,     437.1,       0.0);         ( 479169.3,
3733645.4,     437.2,     437.2,       0.0);
     ( 479219.3, 3733645.4,     437.0,     437.0,       0.0);         ( 479269.3,
3733645.4,     436.8,     436.8,       0.0);
     ( 478269.3, 3733695.4,     434.5,     489.1,       0.0);         ( 478319.3,
3733695.4,     434.7,     489.1,       0.0);
     ( 478369.3, 3733695.4,     434.9,     489.1,       0.0);         ( 478419.3,
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     ( 478469.3, 3733695.4,     435.1,     489.1,       0.0);         ( 478519.3,
3733695.4,     435.2,     489.1,       0.0);
     ( 478569.3, 3733695.4,     435.5,     489.1,       0.0);         ( 478619.3,
3733695.4,     435.6,     489.1,       0.0);
 *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                           ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                           ***       17:22:37

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                                    *** DISCRETE CARTESIAN RECEPTORS ***
                                                   (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
```

(METERS)

(478669.3, 3733695.4, 435.6, 489.1, 0.0); (478719.3, 3733695.4, 435.8, 489.1, 0.0);
(478769.3, 3733695.4, 435.7, 489.1, 0.0); (478819.3, 3733695.4, 435.2, 489.1, 0.0);
(478869.3, 3733695.4, 435.0, 489.1, 0.0); (478919.3, 3733695.4, 435.1, 435.1, 0.0);
(478969.3, 3733695.4, 435.4, 435.4, 0.0); (479019.3, 3733695.4, 435.6, 435.6, 0.0);
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(479269.3, 3733695.4, 435.9, 435.9, 0.0); (478269.3, 3733745.4, 434.4, 489.1, 0.0);
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(478719.3, 3733745.4, 434.9, 489.1, 0.0); (478769.3, 3733745.4, 435.1, 489.1, 0.0);
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(478769.3, 3733795.4, 434.9, 489.1, 0.0); (478819.3, 3733795.4, 435.1, 435.1, 0.0);
(478869.3, 3733795.4, 434.6, 434.6, 0.0); (478919.3, 3733795.4, 435.4, 435.4, 0.0);

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     ( 479169.3, 3733795.4,     435.8,     435.8,       0.0);         ( 479219.3,
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     ( 479269.3, 3733795.4,     435.9,     435.9,       0.0);         ( 478269.3,
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     ( 478319.3, 3733845.4,     433.5,     489.1,       0.0);         ( 478369.3,
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     ( 478419.3, 3733845.4,     434.2,     489.1,       0.0);         ( 478469.3,
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     ( 478619.3, 3733845.4,     434.6,     489.1,       0.0);         ( 478669.3,
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     ( 479019.3, 3733845.4,     435.2,     435.2,       0.0);         ( 479069.3,
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     ( 479119.3, 3733845.4,     435.3,     435.3,       0.0);         ( 479169.3,
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     ( 479219.3, 3733845.4,     435.6,     435.6,       0.0);         ( 479269.3,
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     ( 478669.3, 3733895.4,     433.9,     433.9,       0.0);         ( 478719.3,
3733895.4,     434.6,     434.6,       0.0);
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3733895.4,     435.1,     435.1,       0.0);
     ( 478969.3, 3733895.4,     434.9,     434.9,       0.0);         ( 479019.3,
3733895.4,     434.9,     434.9,       0.0);
 *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                           ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                           ***       17:22:37

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

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(479269.3, 3733895.4, 435.3, 435.3, 0.0); (478569.3, 3733945.4, 432.3, 432.3, 0.0);
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(478919.3, 3733945.4, 434.8, 434.8, 0.0); (478969.3, 3733945.4, 434.9, 434.9, 0.0);
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(479119.3, 3733995.4, 434.8, 434.8, 0.0); (479169.3, 3733995.4, 435.1, 435.1, 0.0);
(479219.3, 3733995.4, 435.1, 435.1, 0.0); (479269.3, 3733995.4, 434.5, 434.5, 0.0);
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     ( 479219.3, 3734095.4,     435.2,     435.2,       0.0);         ( 479269.3,
3734095.4,     434.5,     434.5,       0.0);
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     ( 479069.3, 3734145.4,     434.3,     434.3,       0.0);         ( 479119.3,
3734145.4,     434.9,     434.9,       0.0);
     ( 479169.3, 3734145.4,     434.9,     434.9,       0.0);         ( 479219.3,
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     ( 479269.3, 3734145.4,     433.8,     433.8,       0.0);         ( 479019.3,
3734195.4,     430.8,     430.8,       0.0);
     ( 479069.3, 3734195.4,     434.3,     434.3,       0.0);         ( 479119.3,
3734195.4,     434.5,     434.5,       0.0);
     ( 479169.3, 3734195.4,     434.5,     434.5,       0.0);         ( 479219.3,
3734195.4,     432.9,     432.9,       0.0);
     ( 479269.3, 3734195.4,     433.0,     433.0,       0.0);         ( 479069.3,
3734245.4,     430.9,     434.4,       0.0);
     ( 479119.3, 3734245.4,     433.3,     433.3,       0.0);         ( 479169.3,
3734245.4,     431.0,     431.0,       0.0);
     ( 479219.3, 3734245.4,     430.7,     430.7,       0.0);         ( 479269.3,
3734245.4,     432.2,     432.2,       0.0);
     ( 481711.0, 3731999.8,     435.0,     435.0,       0.0);         ( 481761.0,
3731999.8,     434.8,     434.8,       0.0);
     ( 481811.0, 3731999.8,     434.9,     434.9,       0.0);         ( 481861.0,
3731999.8,     434.8,     434.8,       0.0);
     ( 481911.0, 3731999.8,     435.0,     435.0,       0.0);         ( 481961.0,
3731999.8,     435.2,     435.2,       0.0);
     ( 482011.0, 3731999.8,     435.2,     435.2,       0.0);         ( 482061.0,
3731999.8,     435.7,     435.7,       0.0);
     ( 482111.0, 3731999.8,     435.5,     435.5,       0.0);         ( 482161.0,
3731999.8,     435.4,     435.4,       0.0);
     ( 482211.0, 3731999.8,     435.1,     435.1,       0.0);         ( 482261.0,
3731999.8,     435.5,     435.5,       0.0);
     ( 482311.0, 3731999.8,     435.6,     435.6,       0.0);         ( 482361.0,
3731999.8,     435.6,     435.6,       0.0);
     ( 482411.0, 3731999.8,     435.8,     435.8,       0.0);         ( 481711.0,
3732049.8,     435.1,     435.1,       0.0);
     ( 481761.0, 3732049.8,     435.0,     435.0,       0.0);         ( 481811.0,
3732049.8,     435.1,     435.1,       0.0);
     ( 481861.0, 3732049.8,     435.1,     435.1,       0.0);         ( 481911.0,
3732049.8,     435.4,     435.4,       0.0);
     ( 481961.0, 3732049.8,     435.6,     435.6,       0.0);         ( 482011.0,
3732049.8,     435.8,     435.8,       0.0);
 *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                           ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                           ***       17:22:37
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(482061.0, 3732049.8, 436.1, 436.1, 0.0); (482111.0, 3732049.8, 436.0, 436.0, 0.0);
(482161.0, 3732049.8, 436.0, 436.0, 0.0); (482211.0, 3732049.8, 435.9, 435.9, 0.0);
(482261.0, 3732049.8, 435.9, 435.9, 0.0); (482311.0, 3732049.8, 435.9, 435.9, 0.0);
(482361.0, 3732049.8, 435.9, 435.9, 0.0); (482411.0, 3732049.8, 435.9, 435.9, 0.0);
(481711.0, 3732099.8, 435.2, 435.2, 0.0); (481761.0, 3732099.8, 435.4, 435.4, 0.0);
(481811.0, 3732099.8, 435.3, 435.3, 0.0); (481861.0, 3732099.8, 435.3, 435.3, 0.0);
(481911.0, 3732099.8, 435.6, 435.6, 0.0); (481961.0, 3732099.8, 436.0, 436.0, 0.0);
(482011.0, 3732099.8, 436.3, 436.3, 0.0); (482061.0, 3732099.8, 436.5, 436.5, 0.0);
(482111.0, 3732099.8, 436.6, 436.6, 0.0); (482161.0, 3732099.8, 436.4, 436.4, 0.0);
(482211.0, 3732099.8, 436.3, 436.3, 0.0); (482261.0, 3732099.8, 436.0, 436.0, 0.0);
(482311.0, 3732099.8, 435.8, 435.8, 0.0); (482361.0, 3732099.8, 435.9, 435.9, 0.0);
(482411.0, 3732099.8, 436.1, 436.1, 0.0); (481711.0, 3732149.8, 435.7, 435.7, 0.0);
(481761.0, 3732149.8, 435.8, 435.8, 0.0); (481811.0, 3732149.8, 435.7, 435.7, 0.0);
(481861.0, 3732149.8, 435.5, 435.5, 0.0); (481911.0, 3732149.8, 435.5, 435.5, 0.0);
(481961.0, 3732149.8, 435.7, 435.7, 0.0); (482011.0, 3732149.8, 436.1, 436.1, 0.0);
(482061.0, 3732149.8, 436.6, 436.6, 0.0); (482111.0, 3732149.8, 436.9, 436.9, 0.0);
(482161.0, 3732149.8, 436.7, 436.7, 0.0); (482211.0, 3732149.8, 436.5, 436.5, 0.0);
(482261.0, 3732149.8, 436.2, 436.2, 0.0); (482311.0, 3732149.8, 435.9, 435.9, 0.0);
(482361.0, 3732149.8, 436.3, 436.3, 0.0); (482411.0, 3732149.8, 436.4, 436.4, 0.0);
(481711.0, 3732199.8, 436.3, 436.3, 0.0); (481761.0, 3732199.8, 436.4, 436.4, 0.0);
(481811.0, 3732199.8, 436.3, 436.3, 0.0); (481861.0, 3732199.8, 436.0, 436.0, 0.0);
(481911.0, 3732199.8, 436.4, 436.4, 0.0); (481961.0, 3732199.8, 436.6, 436.6, 0.0);

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     ( 482011.0, 3732199.8,     436.6,     436.6,       0.0);         ( 482061.0,
3732199.8,     436.7,     436.7,       0.0);
     ( 482111.0, 3732199.8,     436.9,     436.9,       0.0);         ( 482161.0,
3732199.8,     437.3,     437.3,       0.0);
     ( 482211.0, 3732199.8,     437.4,     437.4,       0.0);         ( 482261.0,
3732199.8,     437.3,     437.3,       0.0);
     ( 482311.0, 3732199.8,     437.0,     437.0,       0.0);         ( 482361.0,
3732199.8,     437.1,     437.1,       0.0);
     ( 482411.0, 3732199.8,     437.1,     437.1,       0.0);         ( 481711.0,
3732249.8,     436.2,     436.2,       0.0);
     ( 481761.0, 3732249.8,     436.4,     436.4,       0.0);         ( 481811.0,
3732249.8,     436.8,     436.8,       0.0);
     ( 481861.0, 3732249.8,     436.6,     436.6,       0.0);         ( 481911.0,
3732249.8,     437.2,     437.2,       0.0);
     ( 481961.0, 3732249.8,     437.4,     437.4,       0.0);         ( 482011.0,
3732249.8,     437.3,     437.3,       0.0);
     ( 482061.0, 3732249.8,     437.0,     437.0,       0.0);         ( 482111.0,
3732249.8,     436.9,     436.9,       0.0);
     ( 482161.0, 3732249.8,     437.6,     437.6,       0.0);         ( 482211.0,
3732249.8,     437.9,     437.9,       0.0);
     ( 482261.0, 3732249.8,     437.8,     437.8,       0.0);         ( 482311.0,
3732249.8,     437.4,     437.4,       0.0);
     ( 482361.0, 3732249.8,     437.4,     437.4,       0.0);         ( 482411.0,
3732249.8,     437.3,     437.3,       0.0);
     ( 481711.0, 3732299.8,     435.6,     435.6,       0.0);         ( 481761.0,
3732299.8,     436.0,     436.0,       0.0);
     ( 481811.0, 3732299.8,     436.2,     436.2,       0.0);         ( 481861.0,
3732299.8,     436.1,     436.1,       0.0);
     ( 481911.0, 3732299.8,     436.0,     436.0,       0.0);         ( 481961.0,
3732299.8,     435.9,     435.9,       0.0);
     ( 482011.0, 3732299.8,     436.1,     436.1,       0.0);         ( 482061.0,
3732299.8,     436.6,     436.6,       0.0);
     ( 482111.0, 3732299.8,     436.8,     436.8,       0.0);         ( 482161.0,
3732299.8,     437.5,     437.5,       0.0);
     ( 482211.0, 3732299.8,     437.7,     437.7,       0.0);         ( 482261.0,
3732299.8,     437.7,     437.7,       0.0);
     ( 482311.0, 3732299.8,     437.6,     437.6,       0.0);         ( 482361.0,
3732299.8,     437.6,     437.6,       0.0);
     ( 482411.0, 3732299.8,     437.5,     437.5,       0.0);         ( 481711.0,
3732349.8,     435.2,     435.2,       0.0);
     ( 481761.0, 3732349.8,     435.5,     435.5,       0.0);         ( 481811.0,
3732349.8,     435.5,     435.5,       0.0);
     ( 481861.0, 3732349.8,     435.6,     435.6,       0.0);         ( 481911.0,
3732349.8,     435.8,     435.8,       0.0);
     ( 481961.0, 3732349.8,     435.9,     435.9,       0.0);         ( 482011.0,
3732349.8,     436.0,     436.0,       0.0);
 *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                           ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                           ***       17:22:37
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(482061.0, 3732349.8, 436.2, 436.2, 0.0); (482111.0, 3732349.8, 436.5, 436.5, 0.0);
(482161.0, 3732349.8, 436.9, 436.9, 0.0); (482211.0, 3732349.8, 437.2, 437.2, 0.0);
(482261.0, 3732349.8, 437.3, 437.3, 0.0); (482311.0, 3732349.8, 437.6, 437.6, 0.0);
(482361.0, 3732349.8, 437.7, 437.7, 0.0); (482411.0, 3732349.8, 437.6, 437.6, 0.0);
(481711.0, 3732399.8, 434.8, 434.8, 0.0); (481761.0, 3732399.8, 435.0, 435.0, 0.0);
(481811.0, 3732399.8, 435.1, 435.1, 0.0); (481861.0, 3732399.8, 435.3, 435.3, 0.0);
(481911.0, 3732399.8, 435.8, 435.8, 0.0); (481961.0, 3732399.8, 436.0, 436.0, 0.0);
(482011.0, 3732399.8, 436.0, 436.0, 0.0); (482061.0, 3732399.8, 435.9, 435.9, 0.0);
(482111.0, 3732399.8, 436.0, 436.0, 0.0); (482161.0, 3732399.8, 436.1, 436.1, 0.0);
(482211.0, 3732399.8, 436.6, 436.6, 0.0); (482261.0, 3732399.8, 436.9, 436.9, 0.0);
(482311.0, 3732399.8, 437.1, 437.1, 0.0); (482361.0, 3732399.8, 437.2, 437.2, 0.0);
(482411.0, 3732399.8, 437.2, 437.2, 0.0); (481711.0, 3732449.8, 434.6, 434.6, 0.0);
(481761.0, 3732449.8, 434.7, 434.7, 0.0); (481811.0, 3732449.8, 434.8, 434.8, 0.0);
(481861.0, 3732449.8, 435.2, 435.2, 0.0); (481911.0, 3732449.8, 435.7, 435.7, 0.0);
(481961.0, 3732449.8, 435.9, 435.9, 0.0); (482011.0, 3732449.8, 435.8, 435.8, 0.0);
(482061.0, 3732449.8, 435.6, 435.6, 0.0); (482111.0, 3732449.8, 435.6, 435.6, 0.0);
(482161.0, 3732449.8, 435.9, 435.9, 0.0); (482211.0, 3732449.8, 436.6, 436.6, 0.0);
(482261.0, 3732449.8, 436.9, 436.9, 0.0); (482311.0, 3732449.8, 436.7, 436.7, 0.0);
(482361.0, 3732449.8, 436.7, 436.7, 0.0); (482411.0, 3732449.8, 436.9, 436.9, 0.0);
(481711.0, 3732499.8, 434.5, 434.5, 0.0); (481761.0, 3732499.8, 434.5, 434.5, 0.0);
(481811.0, 3732499.8, 434.6, 434.6, 0.0); (481861.0, 3732499.8, 434.9, 434.9, 0.0);

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     ( 481911.0, 3732499.8,     435.4,     435.4,       0.0);         ( 481961.0,
3732499.8,     435.4,     435.4,       0.0);
     ( 482011.0, 3732499.8,     435.2,     435.2,       0.0);         ( 482061.0,
3732499.8,     435.2,     435.2,       0.0);
     ( 482111.0, 3732499.8,     435.5,     435.5,       0.0);         ( 482161.0,
3732499.8,     435.8,     435.8,       0.0);
     ( 482211.0, 3732499.8,     436.2,     436.2,       0.0);         ( 482261.0,
3732499.8,     436.4,     436.4,       0.0);
     ( 482311.0, 3732499.8,     436.4,     436.4,       0.0);         ( 482361.0,
3732499.8,     436.8,     436.8,       0.0);
     ( 482411.0, 3732499.8,     436.9,     436.9,       0.0);         ( 481711.0,
3732549.8,     434.2,     434.2,       0.0);
     ( 481761.0, 3732549.8,     434.2,     434.2,       0.0);         ( 481811.0,
3732549.8,     434.3,     434.3,       0.0);
     ( 481861.0, 3732549.8,     434.6,     434.6,       0.0);         ( 481911.0,
3732549.8,     434.8,     434.8,       0.0);
     ( 481961.0, 3732549.8,     434.8,     434.8,       0.0);         ( 482011.0,
3732549.8,     434.8,     434.8,       0.0);
     ( 482061.0, 3732549.8,     434.8,     434.8,       0.0);         ( 482111.0,
3732549.8,     435.4,     435.4,       0.0);
     ( 482161.0, 3732549.8,     435.7,     435.7,       0.0);         ( 482211.0,
3732549.8,     436.0,     436.0,       0.0);
     ( 482261.0, 3732549.8,     436.2,     436.2,       0.0);         ( 482311.0,
3732549.8,     436.3,     436.3,       0.0);
     ( 482361.0, 3732549.8,     436.6,     436.6,       0.0);         ( 482411.0,
3732549.8,     436.8,     436.8,       0.0);
     ( 481711.0, 3732599.8,     434.0,     434.0,       0.0);         ( 481761.0,
3732599.8,     434.1,     434.1,       0.0);
     ( 481811.0, 3732599.8,     434.2,     434.2,       0.0);         ( 481861.0,
3732599.8,     434.3,     434.3,       0.0);
     ( 481911.0, 3732599.8,     434.4,     434.4,       0.0);         ( 481961.0,
3732599.8,     434.4,     434.4,       0.0);
     ( 482011.0, 3732599.8,     434.5,     434.5,       0.0);         ( 482061.0,
3732599.8,     434.7,     434.7,       0.0);
     ( 482111.0, 3732599.8,     435.4,     435.4,       0.0);         ( 482161.0,
3732599.8,     435.5,     435.5,       0.0);
     ( 482211.0, 3732599.8,     435.8,     435.8,       0.0);         ( 482261.0,
3732599.8,     436.0,     436.0,       0.0);
     ( 482311.0, 3732599.8,     436.1,     436.1,       0.0);         ( 482361.0,
3732599.8,     436.2,     436.2,       0.0);
     ( 482411.0, 3732599.8,     436.2,     436.2,       0.0);         ( 481711.0,
3732649.8,     433.8,     433.8,       0.0);
     ( 481761.0, 3732649.8,     433.9,     433.9,       0.0);         ( 481811.0,
3732649.8,     434.0,     434.0,       0.0);
     ( 481861.0, 3732649.8,     434.1,     434.1,       0.0);         ( 481911.0,
3732649.8,     434.2,     434.2,       0.0);
     ( 481961.0, 3732649.8,     434.4,     434.4,       0.0);         ( 482011.0,
3732649.8,     434.6,     434.6,       0.0);
 *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                           ***        03/08/24
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*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(482061.0, 3732649.8, 434.9, 434.9, 0.0); (482111.0, 3732649.8, 435.5, 435.5, 0.0);
(482161.0, 3732649.8, 435.4, 435.4, 0.0); (482211.0, 3732649.8, 435.7, 435.7, 0.0);
(482261.0, 3732649.8, 435.8, 435.8, 0.0); (482311.0, 3732649.8, 435.9, 435.9, 0.0);
(482361.0, 3732649.8, 436.0, 436.0, 0.0); (482411.0, 3732649.8, 435.9, 435.9, 0.0);
(481711.0, 3732699.8, 433.8, 433.8, 0.0); (481761.0, 3732699.8, 433.8, 433.8, 0.0);
(481811.0, 3732699.8, 433.9, 433.9, 0.0); (481861.0, 3732699.8, 434.0, 434.0, 0.0);
(481911.0, 3732699.8, 434.2, 434.2, 0.0); (481961.0, 3732699.8, 434.5, 434.5, 0.0);
(482011.0, 3732699.8, 434.8, 434.8, 0.0); (482061.0, 3732699.8, 435.0, 435.0, 0.0);
(482111.0, 3732699.8, 435.5, 435.5, 0.0); (482161.0, 3732699.8, 435.6, 435.6, 0.0);
(482211.0, 3732699.8, 435.9, 435.9, 0.0); (482261.0, 3732699.8, 435.8, 435.8, 0.0);
(482311.0, 3732699.8, 435.9, 435.9, 0.0); (482361.0, 3732699.8, 435.9, 435.9, 0.0);
(482411.0, 3732699.8, 435.8, 435.8, 0.0); (481711.0, 3732749.8, 433.7, 433.7, 0.0);
(481761.0, 3732749.8, 433.7, 433.7, 0.0); (481811.0, 3732749.8, 433.8, 433.8, 0.0);
(481861.0, 3732749.8, 433.9, 433.9, 0.0); (481911.0, 3732749.8, 434.0, 434.0, 0.0);
(481961.0, 3732749.8, 434.2, 434.2, 0.0); (482011.0, 3732749.8, 434.5, 434.5, 0.0);
(482061.0, 3732749.8, 434.7, 434.7, 0.0); (482111.0, 3732749.8, 435.2, 435.2, 0.0);
(482161.0, 3732749.8, 435.3, 435.3, 0.0); (482211.0, 3732749.8, 435.1, 435.1, 0.0);
(482261.0, 3732749.8, 435.0, 435.0, 0.0); (482311.0, 3732749.8, 435.2, 435.2, 0.0);
(482361.0, 3732749.8, 435.2, 435.2, 0.0); (482411.0, 3732749.8, 435.3, 435.3, 0.0);
(481711.0, 3732799.8, 433.6, 433.6, 0.0); (481761.0, 3732799.8, 433.5, 433.5, 0.0);

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     ( 481811.0, 3732799.8,     433.7,     433.7,       0.0);         ( 481861.0,
3732799.8,     433.8,     433.8,       0.0);
     ( 481911.0, 3732799.8,     433.8,     433.8,       0.0);         ( 481961.0,
3732799.8,     434.0,     434.0,       0.0);
     ( 482011.0, 3732799.8,     434.2,     434.2,       0.0);         ( 482061.0,
3732799.8,     434.5,     434.5,       0.0);
     ( 482111.0, 3732799.8,     435.0,     435.0,       0.0);         ( 482161.0,
3732799.8,     435.1,     435.1,       0.0);
     ( 482211.0, 3732799.8,     434.8,     434.8,       0.0);         ( 482261.0,
3732799.8,     434.7,     434.7,       0.0);
     ( 482311.0, 3732799.8,     434.7,     434.7,       0.0);         ( 482361.0,
3732799.8,     434.8,     434.8,       0.0);
     ( 482411.0, 3732799.8,     435.0,     435.0,       0.0);         ( 481711.0,
3732849.8,     433.5,     433.5,       0.0);
     ( 481761.0, 3732849.8,     433.4,     433.4,       0.0);         ( 481811.0,
3732849.8,     433.6,     433.6,       0.0);
     ( 481861.0, 3732849.8,     433.7,     433.7,       0.0);         ( 481911.0,
3732849.8,     433.8,     433.8,       0.0);
     ( 481961.0, 3732849.8,     434.0,     434.0,       0.0);         ( 482011.0,
3732849.8,     434.1,     434.1,       0.0);
     ( 482061.0, 3732849.8,     434.4,     434.4,       0.0);         ( 482111.0,
3732849.8,     434.6,     434.6,       0.0);
     ( 482161.0, 3732849.8,     434.7,     434.7,       0.0);         ( 482211.0,
3732849.8,     434.6,     434.6,       0.0);
     ( 482261.0, 3732849.8,     434.5,     434.5,       0.0);         ( 482311.0,
3732849.8,     434.6,     434.6,       0.0);
     ( 482361.0, 3732849.8,     434.8,     434.8,       0.0);         ( 482411.0,
3732849.8,     434.9,     434.9,       0.0);
     ( 479316.4, 3733388.0,     440.0,     440.0,       0.0);         ( 479346.4,
3733388.0,     439.8,     439.8,       0.0);
     ( 479376.4, 3733388.0,     439.8,     439.8,       0.0);         ( 479406.4,
3733388.0,     440.1,     440.1,       0.0);
     ( 479436.4, 3733388.0,     440.3,     440.3,       0.0);         ( 479466.4,
3733388.0,     440.5,     440.5,       0.0);
     ( 479316.4, 3733418.0,     439.5,     439.5,       0.0);         ( 479346.4,
3733418.0,     439.4,     439.4,       0.0);
     ( 479376.4, 3733418.0,     439.4,     439.4,       0.0);         ( 479406.4,
3733418.0,     439.7,     439.7,       0.0);
     ( 479436.4, 3733418.0,     439.9,     439.9,       0.0);         ( 479466.4,
3733418.0,     440.0,     440.0,       0.0);
     ( 479316.4, 3733448.0,     439.0,     439.0,       0.0);         ( 479346.4,
3733448.0,     439.0,     439.0,       0.0);
     ( 479376.4, 3733448.0,     439.0,     439.0,       0.0);         ( 479406.4,
3733448.0,     439.3,     439.3,       0.0);
     ( 479436.4, 3733448.0,     439.5,     439.5,       0.0);         ( 479466.4,
3733448.0,     439.5,     439.5,       0.0);
     ( 479316.4, 3733478.0,     438.4,     438.4,       0.0);         ( 479346.4,
3733478.0,     438.3,     438.3,       0.0);
     ( 479376.4, 3733478.0,     438.4,     438.4,       0.0);         ( 479406.4,
3733478.0,     438.7,     438.7,       0.0);
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(479436.4, 3733478.0, 438.9, 438.9, 0.0); (479466.4, 3733478.0, 438.9, 438.9, 0.0);
(479490.3, 3733193.5, 444.6, 683.6, 0.0); (479520.3, 3733193.5, 444.6, 683.6, 0.0);
(479550.3, 3733193.5, 444.7, 683.6, 0.0); (479580.3, 3733193.5, 444.9, 444.9, 0.0);
(479610.3, 3733193.5, 444.9, 444.9, 0.0); (479640.3, 3733193.5, 444.7, 444.7, 0.0);
(479670.3, 3733193.5, 444.5, 444.5, 0.0); (479490.3, 3733223.5, 444.0, 683.6, 0.0);
(479520.3, 3733223.5, 444.0, 444.0, 0.0); (479550.3, 3733223.5, 444.1, 444.1, 0.0);
(479580.3, 3733223.5, 444.3, 444.3, 0.0); (479610.3, 3733223.5, 444.4, 444.4, 0.0);
(479640.3, 3733223.5, 444.1, 444.1, 0.0); (479670.3, 3733223.5, 443.9, 443.9, 0.0);
(479490.3, 3733253.5, 443.2, 443.2, 0.0); (479520.3, 3733253.5, 443.4, 443.4, 0.0);
(479550.3, 3733253.5, 443.5, 443.5, 0.0); (479580.3, 3733253.5, 443.8, 443.8, 0.0);
(479610.3, 3733253.5, 443.9, 443.9, 0.0); (479640.3, 3733253.5, 443.6, 443.6, 0.0);
(479670.3, 3733253.5, 443.3, 443.3, 0.0); (479490.3, 3733283.5, 442.6, 442.6, 0.0);
(479520.3, 3733283.5, 442.8, 442.8, 0.0); (479550.3, 3733283.5, 443.0, 443.0, 0.0);
(479580.3, 3733283.5, 443.1, 443.1, 0.0); (479610.3, 3733283.5, 443.2, 443.2, 0.0);
(479640.3, 3733283.5, 443.1, 443.1, 0.0); (479670.3, 3733283.5, 442.8, 442.8, 0.0);
(479490.3, 3733313.5, 442.0, 442.0, 0.0); (479520.3, 3733313.5, 442.2, 442.2, 0.0);
(479550.3, 3733313.5, 442.4, 442.4, 0.0); (479580.3, 3733313.5, 442.4, 442.4, 0.0);
(479610.3, 3733313.5, 442.5, 442.5, 0.0); (479640.3, 3733313.5, 442.6, 442.6, 0.0);
(479670.3, 3733313.5, 442.4, 442.4, 0.0); (479490.3, 3733343.5, 441.4, 441.4, 0.0);

```
     ( 479520.3, 3733343.5,     441.6,     441.6,       0.0);         ( 479550.3,
3733343.5,     441.7,     441.7,       0.0);
     ( 479580.3, 3733343.5,     441.8,     441.8,       0.0);         ( 479610.3,
3733343.5,     441.8,     441.8,       0.0);
     ( 479640.3, 3733343.5,     442.0,     442.0,       0.0);         ( 479670.3,
3733343.5,     441.9,     441.9,       0.0);
     ( 479490.3, 3733373.5,     440.8,     440.8,       0.0);         ( 479520.3,
3733373.5,     440.9,     440.9,       0.0);
     ( 479550.3, 3733373.5,     441.0,     441.0,       0.0);         ( 479580.3,
3733373.5,     441.2,     441.2,       0.0);
     ( 479610.3, 3733373.5,     441.2,     441.2,       0.0);         ( 479640.3,
3733373.5,     441.3,     441.3,       0.0);
     ( 479670.3, 3733373.5,     441.3,     441.3,       0.0);         ( 479575.3,
3733098.6,     446.5,     683.6,       0.0);
     ( 479605.3, 3733098.6,     446.7,     683.6,       0.0);         ( 479635.3,
3733098.6,     446.7,     683.6,       0.0);
     ( 479665.3, 3733098.6,     446.4,     683.6,       0.0);         ( 479575.3,
3733128.6,     446.0,     683.6,       0.0);
     ( 479605.3, 3733128.6,     446.2,     683.6,       0.0);         ( 479635.3,
3733128.6,     446.1,     683.6,       0.0);
     ( 479665.3, 3733128.6,     445.9,     683.6,       0.0);         ( 479575.3,
3733158.6,     445.4,     683.6,       0.0);
     ( 479605.3, 3733158.6,     445.5,     683.6,       0.0);         ( 479635.3,
3733158.6,     445.4,     683.6,       0.0);
     ( 479665.3, 3733158.6,     445.4,     445.4,       0.0);         ( 479575.3,
3733188.6,     444.9,     683.6,       0.0);
     ( 479605.3, 3733188.6,     445.0,     445.0,       0.0);         ( 479635.3,
3733188.6,     444.9,     444.9,       0.0);
     ( 479665.3, 3733188.6,     444.7,     444.7,       0.0);         ( 479378.0,
3732025.3,     477.5,     683.6,       0.0);
     ( 479428.0, 3732025.3,     476.0,     683.6,       0.0);         ( 479478.0,
3732025.3,     473.7,     683.6,       0.0);
     ( 479528.0, 3732025.3,     471.6,     683.6,       0.0);         ( 479578.0,
3732025.3,     470.8,     683.6,       0.0);
     ( 479628.0, 3732025.3,     471.2,     683.6,       0.0);         ( 479678.0,
3732025.3,     471.0,     683.6,       0.0);
     ( 479378.0, 3732075.3,     477.0,     683.6,       0.0);         ( 479428.0,
3732075.3,     475.1,     683.6,       0.0);
     ( 479478.0, 3732075.3,     473.7,     683.6,       0.0);         ( 479528.0,
3732075.3,     470.6,     683.6,       0.0);
     ( 479578.0, 3732075.3,     469.3,     683.6,       0.0);         ( 479628.0,
3732075.3,     468.6,     683.6,       0.0);
     ( 479678.0, 3732075.3,     467.5,     683.6,       0.0);         ( 479378.0,
3732125.3,     475.2,     683.6,       0.0);
     ( 479428.0, 3732125.3,     473.2,     683.6,       0.0);         ( 479478.0,
3732125.3,     472.7,     683.6,       0.0);
     ( 479528.0, 3732125.3,     469.7,     683.6,       0.0);         ( 479578.0,
3732125.3,     469.0,     683.6,       0.0);
     ( 479628.0, 3732125.3,     468.5,     683.6,       0.0);         ( 479678.0,
3732125.3,     466.5,     683.6,       0.0);
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*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(479478.0, 3732175.3, 471.2, 683.6, 0.0); (479528.0, 3732175.3, 469.8, 683.6, 0.0);
(479578.0, 3732175.3, 469.4, 683.6, 0.0); (479628.0, 3732175.3, 468.6, 683.6, 0.0);
(479678.0, 3732175.3, 467.3, 683.6, 0.0); (479378.0, 3732225.3, 472.9, 683.6, 0.0);
(479428.0, 3732225.3, 470.6, 683.6, 0.0); (479478.0, 3732225.3, 470.0, 683.6, 0.0);
(479528.0, 3732225.3, 470.0, 683.6, 0.0); (479578.0, 3732225.3, 469.3, 683.6, 0.0);
(479628.0, 3732225.3, 468.4, 683.6, 0.0); (479678.0, 3732225.3, 468.2, 683.6, 0.0);
(479378.0, 3732275.3, 470.4, 683.6, 0.0); (479428.0, 3732275.3, 469.0, 683.6, 0.0);
(479478.0, 3732275.3, 469.1, 683.6, 0.0); (479528.0, 3732275.3, 469.4, 683.6, 0.0);
(479578.0, 3732275.3, 469.1, 683.6, 0.0); (479628.0, 3732275.3, 468.8, 683.6, 0.0);
(479678.0, 3732275.3, 467.1, 683.6, 0.0); (479378.0, 3732325.3, 468.9, 683.6, 0.0);
(479428.0, 3732325.3, 467.2, 683.6, 0.0); (479478.0, 3732325.3, 467.6, 683.6, 0.0);
(479528.0, 3732325.3, 467.9, 683.6, 0.0); (479578.0, 3732325.3, 468.6, 683.6, 0.0);
(479628.0, 3732325.3, 468.3, 683.6, 0.0); (479678.0, 3732325.3, 466.1, 683.6, 0.0);
(479378.0, 3732375.3, 471.4, 683.6, 0.0); (479428.0, 3732375.3, 467.0, 683.6, 0.0);
(479478.0, 3732375.3, 466.8, 683.6, 0.0); (479528.0, 3732375.3, 466.7, 683.6, 0.0);
(479578.0, 3732375.3, 466.6, 683.6, 0.0); (479628.0, 3732375.3, 466.4, 683.6, 0.0);
(479678.0, 3732375.3, 466.8, 683.6, 0.0); (479378.0, 3732425.3, 470.9, 683.6, 0.0);
(479428.0, 3732425.3, 466.6, 683.6, 0.0); (479478.0, 3732425.3, 466.7, 683.6, 0.0);

```
     ( 479528.0, 3732425.3,     466.2,     683.6,       0.0);         ( 479578.0,
3732425.3,     465.6,     683.6,       0.0);
     ( 479628.0, 3732425.3,     466.3,     683.6,       0.0);         ( 479678.0,
3732425.3,     466.1,     683.6,       0.0);
     ( 479378.0, 3732475.3,     469.5,     683.6,       0.0);         ( 479428.0,
3732475.3,     464.8,     683.6,       0.0);
     ( 479478.0, 3732475.3,     465.2,     683.6,       0.0);         ( 479528.0,
3732475.3,     465.1,     683.6,       0.0);
     ( 479578.0, 3732475.3,     465.5,     683.6,       0.0);         ( 479628.0,
3732475.3,     465.8,     683.6,       0.0);
     ( 479678.0, 3732475.3,     464.6,     683.6,       0.0);         ( 479378.0,
3732525.3,     468.4,     683.6,       0.0);
     ( 479428.0, 3732525.3,     463.8,     683.6,       0.0);         ( 479478.0,
3732525.3,     464.8,     683.6,       0.0);
     ( 479528.0, 3732525.3,     464.0,     683.6,       0.0);         ( 479578.0,
3732525.3,     464.9,     683.6,       0.0);
     ( 479628.0, 3732525.3,     465.1,     683.6,       0.0);         ( 479678.0,
3732525.3,     461.0,     683.6,       0.0);
     ( 479378.0, 3732575.3,     467.5,     683.6,       0.0);         ( 479428.0,
3732575.3,     463.2,     683.6,       0.0);
     ( 479478.0, 3732575.3,     462.3,     683.6,       0.0);         ( 479528.0,
3732575.3,     462.6,     683.6,       0.0);
     ( 479578.0, 3732575.3,     464.0,     683.6,       0.0);         ( 479628.0,
3732575.3,     462.2,     683.6,       0.0);
     ( 479678.0, 3732575.3,     460.1,     683.6,       0.0);         ( 479378.0,
3732625.3,     464.7,     683.6,       0.0);
     ( 479428.0, 3732625.3,     461.5,     683.6,       0.0);         ( 479478.0,
3732625.3,     460.1,     683.6,       0.0);
     ( 479528.0, 3732625.3,     460.2,     683.6,       0.0);         ( 479578.0,
3732625.3,     461.5,     683.6,       0.0);
     ( 479628.0, 3732625.3,     460.4,     683.6,       0.0);         ( 479678.0,
3732625.3,     459.0,     683.6,       0.0);
     ( 479378.0, 3732675.3,     461.4,     683.6,       0.0);         ( 479428.0,
3732675.3,     458.9,     683.6,       0.0);
     ( 479478.0, 3732675.3,     457.3,     683.6,       0.0);         ( 479528.0,
3732675.3,     458.9,     683.6,       0.0);
     ( 479578.0, 3732675.3,     459.8,     683.6,       0.0);         ( 479628.0,
3732675.3,     459.0,     683.6,       0.0);
     ( 479678.0, 3732675.3,     455.9,     683.6,       0.0);         ( 479378.0,
3732725.3,     458.4,     683.6,       0.0);
     ( 479428.0, 3732725.3,     456.9,     683.6,       0.0);         ( 479478.0,
3732725.3,     455.6,     683.6,       0.0);
     ( 479528.0, 3732725.3,     456.1,     683.6,       0.0);         ( 479578.0,
3732725.3,     458.0,     683.6,       0.0);
     ( 479628.0, 3732725.3,     457.3,     683.6,       0.0);         ( 479678.0,
3732725.3,     453.8,     683.6,       0.0);
     ( 479378.0, 3732775.3,     455.7,     683.6,       0.0);         ( 479428.0,
3732775.3,     455.1,     683.6,       0.0);
     ( 479478.0, 3732775.3,     454.8,     683.6,       0.0);         ( 479528.0,
3732775.3,     454.0,     683.6,       0.0);
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*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(479428.0, 3732825.3, 454.5, 683.6, 0.0); (479478.0, 3732825.3, 452.8, 683.6, 0.0);
(479528.0, 3732825.3, 452.2, 683.6, 0.0); (479578.0, 3732825.3, 453.3, 683.6, 0.0);
(479628.0, 3732825.3, 453.6, 683.6, 0.0); (479678.0, 3732825.3, 452.6, 683.6, 0.0);
(479378.0, 3732875.3, 451.6, 683.6, 0.0); (479428.0, 3732875.3, 452.0, 683.6, 0.0);
(479478.0, 3732875.3, 451.5, 683.6, 0.0); (479528.0, 3732875.3, 451.2, 683.6, 0.0);
(479578.0, 3732875.3, 451.4, 683.6, 0.0); (479628.0, 3732875.3, 450.8, 683.6, 0.0);
(479678.0, 3732875.3, 449.7, 683.6, 0.0); (479704.3, 3733711.8, 435.6, 435.6, 0.0);
(479754.3, 3733711.8, 435.4, 435.4, 0.0); (479804.3, 3733711.8, 435.3, 435.3, 0.0);
(479854.3, 3733711.8, 435.2, 435.2, 0.0); (479904.3, 3733711.8, 435.0, 435.0, 0.0);
(479954.3, 3733711.8, 434.6, 434.6, 0.0); (480004.3, 3733711.8, 434.2, 434.2, 0.0);
(480054.3, 3733711.8, 434.0, 434.0, 0.0); (480104.3, 3733711.8, 434.0, 434.0, 0.0);
(480154.3, 3733711.8, 433.9, 433.9, 0.0); (480204.3, 3733711.8, 433.9, 433.9, 0.0);
(480254.3, 3733711.8, 433.7, 433.7, 0.0); (480304.3, 3733711.8, 432.6, 432.6, 0.0);
(480354.3, 3733711.8, 431.4, 431.4, 0.0); (480404.3, 3733711.8, 430.9, 430.9, 0.0);
(480454.3, 3733711.8, 430.9, 430.9, 0.0); (480504.3, 3733711.8, 431.0, 431.0, 0.0);
(480554.3, 3733711.8, 431.0, 431.0, 0.0); (480604.3, 3733711.8, 431.0, 431.0, 0.0);
(480654.3, 3733711.8, 431.0, 431.0, 0.0); (480704.3, 3733711.8, 430.9, 430.9, 0.0);

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     ( 480754.3, 3733711.8,     430.9,     430.9,       0.0);         ( 480804.3,
3733711.8,     430.9,     430.9,       0.0);
     ( 480854.3, 3733711.8,     431.1,     431.1,       0.0);         ( 479704.3,
3733761.8,     435.1,     435.1,       0.0);
     ( 479754.3, 3733761.8,     434.8,     434.8,       0.0);         ( 479804.3,
3733761.8,     434.8,     434.8,       0.0);
     ( 479854.3, 3733761.8,     435.0,     435.0,       0.0);         ( 479904.3,
3733761.8,     434.9,     434.9,       0.0);
     ( 479954.3, 3733761.8,     434.8,     434.8,       0.0);         ( 480004.3,
3733761.8,     434.2,     434.2,       0.0);
     ( 480054.3, 3733761.8,     434.1,     434.1,       0.0);         ( 480104.3,
3733761.8,     434.4,     434.4,       0.0);
     ( 480154.3, 3733761.8,     434.3,     434.3,       0.0);         ( 480204.3,
3733761.8,     434.0,     434.0,       0.0);
     ( 480254.3, 3733761.8,     433.1,     433.1,       0.0);         ( 480304.3,
3733761.8,     429.5,     429.5,       0.0);
     ( 480354.3, 3733761.8,     431.6,     431.6,       0.0);         ( 480404.3,
3733761.8,     432.1,     432.1,       0.0);
     ( 480454.3, 3733761.8,     432.1,     432.1,       0.0);         ( 480504.3,
3733761.8,     432.0,     432.0,       0.0);
     ( 480554.3, 3733761.8,     431.9,     431.9,       0.0);         ( 480604.3,
3733761.8,     431.8,     431.8,       0.0);
     ( 480654.3, 3733761.8,     432.0,     432.0,       0.0);         ( 480704.3,
3733761.8,     432.1,     432.1,       0.0);
     ( 480754.3, 3733761.8,     432.1,     432.1,       0.0);         ( 480804.3,
3733761.8,     432.0,     432.0,       0.0);
     ( 480854.3, 3733761.8,     431.9,     431.9,       0.0);         ( 479704.3,
3733811.8,     434.9,     434.9,       0.0);
     ( 479754.3, 3733811.8,     434.9,     434.9,       0.0);         ( 479804.3,
3733811.8,     434.9,     434.9,       0.0);
     ( 479854.3, 3733811.8,     435.2,     435.2,       0.0);         ( 479904.3,
3733811.8,     435.2,     435.2,       0.0);
     ( 479954.3, 3733811.8,     434.8,     434.8,       0.0);         ( 480004.3,
3733811.8,     434.1,     434.1,       0.0);
     ( 480054.3, 3733811.8,     434.6,     434.6,       0.0);         ( 480104.3,
3733811.8,     434.9,     434.9,       0.0);
     ( 480154.3, 3733811.8,     434.5,     434.5,       0.0);         ( 480204.3,
3733811.8,     433.9,     433.9,       0.0);
     ( 480304.3, 3733811.8,     431.6,     431.6,       0.0);         ( 480354.3,
3733811.8,     433.1,     433.1,       0.0);
     ( 480404.3, 3733811.8,     432.9,     432.9,       0.0);         ( 480454.3,
3733811.8,     432.8,     432.8,       0.0);
     ( 480504.3, 3733811.8,     432.8,     432.8,       0.0);         ( 480554.3,
3733811.8,     432.7,     432.7,       0.0);
     ( 480604.3, 3733811.8,     432.4,     432.4,       0.0);         ( 480654.3,
3733811.8,     433.2,     433.2,       0.0);
     ( 480704.3, 3733811.8,     433.2,     433.2,       0.0);         ( 480754.3,
3733811.8,     432.9,     432.9,       0.0);
     ( 480804.3, 3733811.8,     432.8,     432.8,       0.0);         ( 480854.3,
3733811.8,     432.6,     432.6,       0.0);
```

(479704.3, 3733861.8, 434.9, 434.9, 0.0); (479754.3, 3733861.8, 435.1, 435.1, 0.0);
(479804.3, 3733861.8, 435.2, 435.2, 0.0); (479854.3, 3733861.8, 435.5, 435.5, 0.0);
(479904.3, 3733861.8, 435.4, 435.4, 0.0); (479954.3, 3733861.8, 435.0, 435.0, 0.0);

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(480004.3, 3733861.8, 434.2, 434.2, 0.0); (480054.3, 3733861.8, 434.6, 434.6, 0.0);
(480104.3, 3733861.8, 434.4, 434.4, 0.0); (480154.3, 3733861.8, 434.1, 434.1, 0.0);
(480204.3, 3733861.8, 433.7, 433.7, 0.0); (480304.3, 3733861.8, 432.2, 432.2, 0.0);
(480354.3, 3733861.8, 433.2, 433.2, 0.0); (480404.3, 3733861.8, 433.1, 433.1, 0.0);
(480454.3, 3733861.8, 433.0, 433.0, 0.0); (480504.3, 3733861.8, 432.8, 432.8, 0.0);
(480554.3, 3733861.8, 432.8, 432.8, 0.0); (480604.3, 3733861.8, 432.3, 432.3, 0.0);
(480654.3, 3733861.8, 433.2, 433.2, 0.0); (480704.3, 3733861.8, 433.2, 433.2, 0.0);
(480754.3, 3733861.8, 432.9, 432.9, 0.0); (480804.3, 3733861.8, 432.9, 432.9, 0.0);
(480854.3, 3733861.8, 432.6, 432.6, 0.0); (479704.3, 3733911.8, 435.2, 435.2, 0.0);
(479754.3, 3733911.8, 435.3, 435.3, 0.0); (479804.3, 3733911.8, 435.3, 435.3, 0.0);
(479854.3, 3733911.8, 435.7, 435.7, 0.0); (479904.3, 3733911.8, 435.5, 435.5, 0.0);
(479954.3, 3733911.8, 434.8, 434.8, 0.0); (480004.3, 3733911.8, 434.6, 434.6, 0.0);
(480054.3, 3733911.8, 434.2, 434.2, 0.0); (480104.3, 3733911.8, 433.8, 433.8, 0.0);
(480154.3, 3733911.8, 433.3, 433.3, 0.0); (480204.3, 3733911.8, 432.2, 432.2, 0.0);
(480304.3, 3733911.8, 432.7, 432.7, 0.0); (480354.3, 3733911.8, 433.2, 433.2, 0.0);
(480404.3, 3733911.8, 433.2, 433.2, 0.0); (480454.3, 3733911.8, 433.1, 433.1, 0.0);

```
     ( 480504.3, 3733911.8,     432.9,     432.9,       0.0);         ( 480554.3,
3733911.8,     432.7,     432.7,       0.0);
     ( 480604.3, 3733911.8,     432.2,     432.2,       0.0);         ( 480654.3,
3733911.8,     433.0,     433.0,       0.0);
     ( 480704.3, 3733911.8,     433.0,     433.0,       0.0);         ( 480754.3,
3733911.8,     432.7,     432.7,       0.0);
     ( 480804.3, 3733911.8,     432.7,     432.7,       0.0);         ( 480854.3,
3733911.8,     432.0,     432.0,       0.0);
     ( 479704.3, 3733961.8,     434.8,     434.8,       0.0);         ( 479754.3,
3733961.8,     434.9,     434.9,       0.0);
     ( 479804.3, 3733961.8,     434.9,     434.9,       0.0);         ( 479854.3,
3733961.8,     435.2,     435.2,       0.0);
     ( 479904.3, 3733961.8,     435.3,     435.3,       0.0);         ( 479954.3,
3733961.8,     434.9,     434.9,       0.0);
     ( 480404.3, 3733961.8,     432.7,     432.7,       0.0);         ( 480454.3,
3733961.8,     432.8,     432.8,       0.0);
     ( 480504.3, 3733961.8,     432.6,     432.6,       0.0);         ( 480554.3,
3733961.8,     432.3,     432.3,       0.0);
     ( 480604.3, 3733961.8,     432.1,     432.1,       0.0);         ( 480654.3,
3733961.8,     433.0,     433.0,       0.0);
     ( 480704.3, 3733961.8,     432.8,     432.8,       0.0);         ( 480754.3,
3733961.8,     432.4,     432.4,       0.0);
     ( 480804.3, 3733961.8,     432.4,     432.4,       0.0);         ( 480854.3,
3733961.8,     431.8,     431.8,       0.0);
     ( 479854.3, 3734011.8,     434.4,     434.4,       0.0);         ( 479904.3,
3734011.8,     435.3,     435.3,       0.0);
     ( 479954.3, 3734011.8,     434.0,     434.0,       0.0);         ( 480454.3,
3734011.8,     432.7,     432.7,       0.0);
     ( 480504.3, 3734011.8,     432.6,     432.6,       0.0);         ( 480554.3,
3734011.8,     432.5,     432.5,       0.0);
     ( 480604.3, 3734011.8,     431.9,     431.9,       0.0);         ( 480654.3,
3734011.8,     432.5,     432.5,       0.0);
     ( 480704.3, 3734011.8,     432.3,     432.3,       0.0);         ( 480754.3,
3734011.8,     432.4,     432.4,       0.0);
     ( 480804.3, 3734011.8,     432.7,     432.7,       0.0);         ( 480854.3,
3734011.8,     431.6,     431.6,       0.0);
     ( 480604.3, 3734061.8,     432.4,     432.4,       0.0);         ( 480654.3,
3734061.8,     432.5,     432.5,       0.0);
     ( 480704.3, 3734061.8,     432.6,     432.6,       0.0);         ( 480754.3,
3734061.8,     432.6,     432.6,       0.0);
     ( 480804.3, 3734061.8,     432.4,     432.4,       0.0);         ( 480854.3,
3734061.8,     431.6,     431.6,       0.0);
     ( 479709.8, 3732002.0,     469.7,     683.6,       0.0);         ( 479759.8,
3732002.0,     466.7,     683.6,       0.0);
     ( 479809.8, 3732002.0,     464.0,     683.6,       0.0);         ( 479859.8,
3732002.0,     461.9,     683.6,       0.0);
     ( 479909.8, 3732002.0,     459.8,     683.6,       0.0);         ( 479959.8,
3732002.0,     457.7,     683.6,       0.0);
     ( 480009.8, 3732002.0,     456.5,     683.6,       0.0);         ( 480059.8,
3732002.0,     455.4,     683.6,       0.0);
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(480109.8, 3732002.0, 453.0, 683.6, 0.0); (480159.8, 3732002.0, 452.7, 683.6, 0.0);
(480209.8, 3732002.0, 452.2, 683.6, 0.0); (480259.8, 3732002.0, 451.3, 683.6, 0.0);
(480309.8, 3732002.0, 451.2, 683.6, 0.0); (480359.8, 3732002.0, 451.5, 683.6, 0.0);
(480409.8, 3732002.0, 451.8, 683.6, 0.0); (480459.8, 3732002.0, 448.1, 683.6, 0.0);

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(480509.8, 3732002.0, 446.8, 683.6, 0.0); (480559.8, 3732002.0, 446.3, 683.6, 0.0);
(480609.8, 3732002.0, 445.7, 683.6, 0.0); (480659.8, 3732002.0, 444.9, 683.6, 0.0);
(480709.8, 3732002.0, 444.1, 683.6, 0.0); (480759.8, 3732002.0, 443.3, 683.6, 0.0);
(480809.8, 3732002.0, 442.4, 683.6, 0.0); (480859.8, 3732002.0, 442.3, 683.6, 0.0);
(480909.8, 3732002.0, 440.2, 683.6, 0.0); (480959.8, 3732002.0, 438.5, 683.6, 0.0);
(481009.8, 3732002.0, 438.2, 683.6, 0.0); (481059.8, 3732002.0, 437.7, 437.7, 0.0);
(481109.8, 3732002.0, 437.3, 437.3, 0.0); (481159.8, 3732002.0, 437.2, 437.2, 0.0);
(481209.8, 3732002.0, 437.0, 437.0, 0.0); (481259.8, 3732002.0, 436.8, 436.8, 0.0);
(481309.8, 3732002.0, 436.3, 436.3, 0.0); (481359.8, 3732002.0, 436.1, 436.1, 0.0);
(481409.8, 3732002.0, 435.9, 435.9, 0.0); (481459.8, 3732002.0, 435.8, 435.8, 0.0);
(481509.8, 3732002.0, 435.7, 435.7, 0.0); (481559.8, 3732002.0, 435.5, 435.5, 0.0);
(481609.8, 3732002.0, 435.3, 435.3, 0.0); (481659.8, 3732002.0, 435.0, 435.0, 0.0);
(479709.8, 3732052.0, 467.2, 683.6, 0.0); (479759.8, 3732052.0, 465.1, 683.6, 0.0);
(479809.8, 3732052.0, 463.0, 683.6, 0.0); (479859.8, 3732052.0, 460.4, 683.6, 0.0);
(479909.8, 3732052.0, 458.6, 683.6, 0.0); (479959.8, 3732052.0, 457.3, 683.6, 0.0);

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     ( 480009.8, 3732052.0,     456.2,     683.6,       0.0);         ( 480059.8,
3732052.0,     455.0,     683.6,       0.0);
     ( 480109.8, 3732052.0,     453.7,     683.6,       0.0);         ( 480159.8,
3732052.0,     452.9,     683.6,       0.0);
     ( 480209.8, 3732052.0,     452.2,     683.6,       0.0);         ( 480259.8,
3732052.0,     451.3,     683.6,       0.0);
     ( 480309.8, 3732052.0,     450.8,     683.6,       0.0);         ( 480359.8,
3732052.0,     450.4,     683.6,       0.0);
     ( 480409.8, 3732052.0,     449.8,     683.6,       0.0);         ( 480459.8,
3732052.0,     447.6,     683.6,       0.0);
     ( 480509.8, 3732052.0,     446.6,     683.6,       0.0);         ( 480559.8,
3732052.0,     446.0,     683.6,       0.0);
     ( 480609.8, 3732052.0,     445.4,     683.6,       0.0);         ( 480659.8,
3732052.0,     444.8,     683.6,       0.0);
     ( 480709.8, 3732052.0,     444.2,     683.6,       0.0);         ( 480759.8,
3732052.0,     443.6,     683.6,       0.0);
     ( 480809.8, 3732052.0,     443.0,     683.6,       0.0);         ( 480859.8,
3732052.0,     442.6,     683.6,       0.0);
     ( 480909.8, 3732052.0,     440.3,     683.6,       0.0);         ( 480959.8,
3732052.0,     438.4,     683.6,       0.0);
     ( 481009.8, 3732052.0,     438.1,     438.1,       0.0);         ( 481059.8,
3732052.0,     437.7,     437.7,       0.0);
     ( 481109.8, 3732052.0,     437.3,     437.3,       0.0);         ( 481159.8,
3732052.0,     437.1,     437.1,       0.0);
     ( 481209.8, 3732052.0,     436.9,     436.9,       0.0);         ( 481259.8,
3732052.0,     436.7,     436.7,       0.0);
     ( 481309.8, 3732052.0,     436.5,     436.5,       0.0);         ( 481359.8,
3732052.0,     436.2,     436.2,       0.0);
     ( 481409.8, 3732052.0,     435.9,     435.9,       0.0);         ( 481459.8,
3732052.0,     435.7,     435.7,       0.0);
     ( 481509.8, 3732052.0,     435.6,     435.6,       0.0);         ( 481559.8,
3732052.0,     435.4,     435.4,       0.0);
     ( 481609.8, 3732052.0,     435.3,     435.3,       0.0);         ( 481659.8,
3732052.0,     435.1,     435.1,       0.0);
     ( 479709.8, 3732102.0,     464.6,     683.6,       0.0);         ( 479759.8,
3732102.0,     463.3,     683.6,       0.0);
     ( 479809.8, 3732102.0,     461.7,     683.6,       0.0);         ( 479859.8,
3732102.0,     460.0,     683.6,       0.0);
     ( 479909.8, 3732102.0,     458.9,     683.6,       0.0);         ( 479959.8,
3732102.0,     457.8,     683.6,       0.0);
     ( 480009.8, 3732102.0,     456.6,     683.6,       0.0);         ( 480059.8,
3732102.0,     455.3,     683.6,       0.0);
     ( 480109.8, 3732102.0,     454.2,     683.6,       0.0);         ( 480159.8,
3732102.0,     452.9,     683.6,       0.0);
     ( 480209.8, 3732102.0,     451.8,     683.6,       0.0);         ( 480259.8,
3732102.0,     450.5,     683.6,       0.0);
     ( 480309.8, 3732102.0,     449.9,     683.6,       0.0);         ( 480359.8,
3732102.0,     449.0,     683.6,       0.0);
     ( 480409.8, 3732102.0,     448.0,     683.6,       0.0);         ( 480459.8,
3732102.0,     447.2,     683.6,       0.0);
```

(480509.8, 3732102.0, 446.5, 683.6, 0.0); (480559.8, 3732102.0, 445.8, 683.6, 0.0);
(480609.8, 3732102.0, 445.0, 683.6, 0.0); (480659.8, 3732102.0, 444.2, 683.6, 0.0);
(480709.8, 3732102.0, 443.5, 683.6, 0.0); (480759.8, 3732102.0, 442.8, 683.6, 0.0);
(480809.8, 3732102.0, 442.0, 683.6, 0.0); (480859.8, 3732102.0, 441.3, 683.6, 0.0);
(480909.8, 3732102.0, 440.8, 683.6, 0.0); (480959.8, 3732102.0, 439.8, 439.8, 0.0);

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(481009.8, 3732102.0, 439.0, 439.0, 0.0); (481059.8, 3732102.0, 438.4, 438.4, 0.0);
(481109.8, 3732102.0, 437.7, 437.7, 0.0); (481159.8, 3732102.0, 437.2, 437.2, 0.0);
(481209.8, 3732102.0, 436.7, 436.7, 0.0); (481259.8, 3732102.0, 436.4, 436.4, 0.0);
(481309.8, 3732102.0, 436.1, 436.1, 0.0); (481359.8, 3732102.0, 435.8, 435.8, 0.0);
(481409.8, 3732102.0, 435.6, 435.6, 0.0); (481459.8, 3732102.0, 435.5, 435.5, 0.0);
(481509.8, 3732102.0, 435.5, 435.5, 0.0); (481559.8, 3732102.0, 435.4, 435.4, 0.0);
(481609.8, 3732102.0, 435.4, 435.4, 0.0); (481659.8, 3732102.0, 435.3, 435.3, 0.0);
(479709.8, 3732152.0, 464.7, 683.6, 0.0); (479759.8, 3732152.0, 463.2, 683.6, 0.0);
(479809.8, 3732152.0, 461.7, 683.6, 0.0); (479859.8, 3732152.0, 460.3, 683.6, 0.0);
(479909.8, 3732152.0, 458.9, 683.6, 0.0); (479959.8, 3732152.0, 457.7, 683.6, 0.0);
(480009.8, 3732152.0, 456.6, 683.6, 0.0); (480059.8, 3732152.0, 455.4, 683.6, 0.0);
(480109.8, 3732152.0, 454.2, 683.6, 0.0); (480159.8, 3732152.0, 453.0, 683.6, 0.0);
(480209.8, 3732152.0, 451.9, 683.6, 0.0); (480259.8, 3732152.0, 450.6, 683.6, 0.0);
(480309.8, 3732152.0, 449.3, 683.6, 0.0); (480359.8, 3732152.0, 448.4, 683.6, 0.0);

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     ( 480409.8, 3732152.0,     447.6,     683.6,       0.0);         ( 480459.8,
3732152.0,     446.9,     683.6,       0.0);
     ( 480509.8, 3732152.0,     446.1,     683.6,       0.0);         ( 480559.8,
3732152.0,     445.3,     683.6,       0.0);
     ( 480609.8, 3732152.0,     444.5,     683.6,       0.0);         ( 480659.8,
3732152.0,     443.7,     683.6,       0.0);
     ( 480709.8, 3732152.0,     443.1,     683.6,       0.0);         ( 480759.8,
3732152.0,     442.4,     683.6,       0.0);
     ( 480809.8, 3732152.0,     441.7,     683.6,       0.0);         ( 480859.8,
3732152.0,     441.1,     683.6,       0.0);
     ( 480909.8, 3732152.0,     440.6,     440.6,       0.0);         ( 480959.8,
3732152.0,     439.8,     439.8,       0.0);
     ( 481009.8, 3732152.0,     439.0,     439.0,       0.0);         ( 481059.8,
3732152.0,     438.5,     438.5,       0.0);
     ( 481109.8, 3732152.0,     437.8,     437.8,       0.0);         ( 481159.8,
3732152.0,     437.1,     437.1,       0.0);
     ( 481209.8, 3732152.0,     436.6,     436.6,       0.0);         ( 481259.8,
3732152.0,     436.3,     436.3,       0.0);
     ( 481309.8, 3732152.0,     436.1,     436.1,       0.0);         ( 481359.8,
3732152.0,     435.8,     435.8,       0.0);
     ( 481409.8, 3732152.0,     435.6,     435.6,       0.0);         ( 481459.8,
3732152.0,     435.5,     435.5,       0.0);
     ( 481509.8, 3732152.0,     435.5,     435.5,       0.0);         ( 481559.8,
3732152.0,     435.4,     435.4,       0.0);
     ( 481609.8, 3732152.0,     435.6,     435.6,       0.0);         ( 481659.8,
3732152.0,     435.7,     435.7,       0.0);
     ( 479709.8, 3732202.0,     465.5,     683.6,       0.0);         ( 479759.8,
3732202.0,     463.4,     683.6,       0.0);
     ( 479809.8, 3732202.0,     462.2,     683.6,       0.0);         ( 479859.8,
3732202.0,     460.8,     683.6,       0.0);
     ( 479909.8, 3732202.0,     459.2,     683.6,       0.0);         ( 479959.8,
3732202.0,     457.7,     683.6,       0.0);
     ( 480009.8, 3732202.0,     456.2,     683.6,       0.0);         ( 480059.8,
3732202.0,     454.7,     683.6,       0.0);
     ( 480109.8, 3732202.0,     453.2,     683.6,       0.0);         ( 480159.8,
3732202.0,     452.0,     683.6,       0.0);
     ( 480209.8, 3732202.0,     451.4,     683.6,       0.0);         ( 480259.8,
3732202.0,     449.9,     683.6,       0.0);
     ( 480309.8, 3732202.0,     448.3,     683.6,       0.0);         ( 480359.8,
3732202.0,     447.9,     683.6,       0.0);
     ( 480409.8, 3732202.0,     447.2,     683.6,       0.0);         ( 480459.8,
3732202.0,     446.8,     683.6,       0.0);
     ( 480509.8, 3732202.0,     445.9,     683.6,       0.0);         ( 480559.8,
3732202.0,     445.0,     683.6,       0.0);
     ( 480609.8, 3732202.0,     444.2,     683.6,       0.0);         ( 480659.8,
3732202.0,     443.4,     683.6,       0.0);
     ( 480709.8, 3732202.0,     442.7,     683.6,       0.0);         ( 480759.8,
3732202.0,     442.0,     683.6,       0.0);
     ( 480809.8, 3732202.0,     441.4,     683.6,       0.0);         ( 480859.8,
3732202.0,     440.8,     683.6,       0.0);
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     ( 480909.8, 3732202.0,     440.5,     440.5,       0.0);         ( 480959.8,
3732202.0,     439.9,     439.9,       0.0);
     ( 481009.8, 3732202.0,     439.2,     439.2,       0.0);         ( 481059.8,
3732202.0,     438.5,     438.5,       0.0);
     ( 481109.8, 3732202.0,     437.8,     437.8,       0.0);         ( 481159.8,
3732202.0,     437.2,     437.2,       0.0);
     ( 481209.8, 3732202.0,     436.8,     436.8,       0.0);         ( 481259.8,
3732202.0,     436.4,     436.4,       0.0);
     ( 481309.8, 3732202.0,     436.1,     436.1,       0.0);         ( 481359.8,
3732202.0,     435.9,     435.9,       0.0);
     ( 481409.8, 3732202.0,     435.6,     435.6,       0.0);         ( 481459.8,
3732202.0,     435.5,     435.5,       0.0);
 *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                           ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                           ***       17:22:37

                                  PAGE  1268
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                                  *** DISCRETE CARTESIAN RECEPTORS ***
                                                (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                          (METERS)

     ( 481509.8, 3732202.0,     435.4,     435.4,       0.0);         ( 481559.8,
3732202.0,     435.4,     435.4,       0.0);
     ( 481609.8, 3732202.0,     435.7,     435.7,       0.0);         ( 481659.8,
3732202.0,     436.1,     436.1,       0.0);
     ( 479709.8, 3732252.0,     465.2,     683.6,       0.0);         ( 479759.8,
3732252.0,     464.3,     683.6,       0.0);
     ( 479809.8, 3732252.0,     463.1,     683.6,       0.0);         ( 479859.8,
3732252.0,     461.8,     683.6,       0.0);
     ( 479909.8, 3732252.0,     459.7,     683.6,       0.0);         ( 479959.8,
3732252.0,     457.7,     683.6,       0.0);
     ( 480009.8, 3732252.0,     456.0,     683.6,       0.0);         ( 480059.8,
3732252.0,     454.3,     683.6,       0.0);
     ( 480109.8, 3732252.0,     453.1,     683.6,       0.0);         ( 480159.8,
3732252.0,     451.7,     683.6,       0.0);
     ( 480209.8, 3732252.0,     450.4,     683.6,       0.0);         ( 480259.8,
3732252.0,     449.2,     683.6,       0.0);
     ( 480309.8, 3732252.0,     447.8,     683.6,       0.0);         ( 480359.8,
3732252.0,     447.2,     683.6,       0.0);
     ( 480409.8, 3732252.0,     446.8,     683.6,       0.0);         ( 480459.8,
3732252.0,     446.5,     683.6,       0.0);
     ( 480509.8, 3732252.0,     445.6,     683.6,       0.0);         ( 480559.8,
3732252.0,     444.8,     683.6,       0.0);
     ( 480609.8, 3732252.0,     444.1,     683.6,       0.0);         ( 480659.8,
3732252.0,     443.4,     683.6,       0.0);
     ( 480709.8, 3732252.0,     442.6,     683.6,       0.0);         ( 480759.8,
3732252.0,     441.8,     683.6,       0.0);
```

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     ( 480809.8, 3732252.0,     441.1,     683.6,       0.0);         ( 480859.8,
3732252.0,     440.6,     440.6,       0.0);
     ( 480909.8, 3732252.0,     440.2,     440.2,       0.0);         ( 480959.8,
3732252.0,     439.7,     439.7,       0.0);
     ( 481009.8, 3732252.0,     438.9,     438.9,       0.0);         ( 481059.8,
3732252.0,     438.6,     438.6,       0.0);
     ( 481109.8, 3732252.0,     437.9,     437.9,       0.0);         ( 481159.8,
3732252.0,     437.4,     437.4,       0.0);
     ( 481209.8, 3732252.0,     436.9,     436.9,       0.0);         ( 481259.8,
3732252.0,     436.5,     436.5,       0.0);
     ( 481309.8, 3732252.0,     436.1,     436.1,       0.0);         ( 481359.8,
3732252.0,     435.9,     435.9,       0.0);
     ( 481409.8, 3732252.0,     435.6,     435.6,       0.0);         ( 481459.8,
3732252.0,     435.4,     435.4,       0.0);
     ( 481509.8, 3732252.0,     435.3,     435.3,       0.0);         ( 481559.8,
3732252.0,     435.4,     435.4,       0.0);
     ( 481609.8, 3732252.0,     435.5,     435.5,       0.0);         ( 481659.8,
3732252.0,     435.9,     435.9,       0.0);
     ( 479709.8, 3732302.0,     465.2,     683.6,       0.0);         ( 479759.8,
3732302.0,     464.2,     683.6,       0.0);
     ( 479809.8, 3732302.0,     463.0,     683.6,       0.0);         ( 479859.8,
3732302.0,     461.6,     683.6,       0.0);
     ( 479909.8, 3732302.0,     460.2,     683.6,       0.0);         ( 479959.8,
3732302.0,     458.6,     683.6,       0.0);
     ( 480009.8, 3732302.0,     457.0,     683.6,       0.0);         ( 480059.8,
3732302.0,     455.7,     683.6,       0.0);
     ( 480109.8, 3732302.0,     454.6,     683.6,       0.0);         ( 480159.8,
3732302.0,     453.0,     683.6,       0.0);
     ( 480209.8, 3732302.0,     451.4,     683.6,       0.0);         ( 480259.8,
3732302.0,     450.1,     683.6,       0.0);
     ( 480309.8, 3732302.0,     448.7,     683.6,       0.0);         ( 480359.8,
3732302.0,     447.2,     683.6,       0.0);
     ( 480409.8, 3732302.0,     446.2,     683.6,       0.0);         ( 480459.8,
3732302.0,     445.6,     683.6,       0.0);
     ( 480509.8, 3732302.0,     445.1,     683.6,       0.0);         ( 480559.8,
3732302.0,     444.5,     683.6,       0.0);
     ( 480609.8, 3732302.0,     443.8,     683.6,       0.0);         ( 480659.8,
3732302.0,     443.2,     683.6,       0.0);
     ( 480709.8, 3732302.0,     442.5,     683.6,       0.0);         ( 480759.8,
3732302.0,     441.7,     683.6,       0.0);
     ( 480809.8, 3732302.0,     441.2,     441.2,       0.0);         ( 480859.8,
3732302.0,     440.8,     440.8,       0.0);
     ( 480909.8, 3732302.0,     439.9,     439.9,       0.0);         ( 480959.8,
3732302.0,     439.3,     439.3,       0.0);
     ( 481009.8, 3732302.0,     438.7,     438.7,       0.0);         ( 481059.8,
3732302.0,     438.2,     438.2,       0.0);
     ( 481109.8, 3732302.0,     437.5,     437.5,       0.0);         ( 481159.8,
3732302.0,     436.9,     436.9,       0.0);
     ( 481209.8, 3732302.0,     436.6,     436.6,       0.0);         ( 481259.8,
3732302.0,     436.4,     436.4,       0.0);
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(481309.8, 3732302.0, 436.0, 436.0, 0.0); (481359.8, 3732302.0, 436.1, 436.1, 0.0);
(481409.8, 3732302.0, 435.9, 435.9, 0.0); (481459.8, 3732302.0, 435.6, 435.6, 0.0);
(481509.8, 3732302.0, 435.4, 435.4, 0.0); (481559.8, 3732302.0, 435.4, 435.4, 0.0);
(481609.8, 3732302.0, 435.4, 435.4, 0.0); (481659.8, 3732302.0, 435.4, 435.4, 0.0);
(479709.8, 3732352.0, 465.2, 683.6, 0.0); (479759.8, 3732352.0, 463.9, 683.6, 0.0);
(479809.8, 3732352.0, 462.6, 683.6, 0.0); (479859.8, 3732352.0, 461.2, 683.6, 0.0);
(479909.8, 3732352.0, 459.9, 683.6, 0.0); (479959.8, 3732352.0, 458.7, 683.6, 0.0);

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(480009.8, 3732352.0, 457.4, 683.6, 0.0); (480059.8, 3732352.0, 456.1, 683.6, 0.0);
(480109.8, 3732352.0, 454.9, 683.6, 0.0); (480159.8, 3732352.0, 453.5, 683.6, 0.0);
(480209.8, 3732352.0, 452.2, 683.6, 0.0); (480259.8, 3732352.0, 450.6, 683.6, 0.0);
(480309.8, 3732352.0, 448.8, 683.6, 0.0); (480359.8, 3732352.0, 447.6, 683.6, 0.0);
(480409.8, 3732352.0, 446.1, 683.6, 0.0); (480459.8, 3732352.0, 445.1, 683.6, 0.0);
(480509.8, 3732352.0, 444.6, 683.6, 0.0); (480559.8, 3732352.0, 444.0, 683.6, 0.0);
(480609.8, 3732352.0, 443.5, 683.6, 0.0); (480659.8, 3732352.0, 442.9, 683.6, 0.0);
(480709.8, 3732352.0, 442.3, 683.6, 0.0); (480759.8, 3732352.0, 441.8, 683.6, 0.0);
(480809.8, 3732352.0, 440.8, 440.8, 0.0); (480859.8, 3732352.0, 440.7, 440.7, 0.0);
(480909.8, 3732352.0, 439.6, 439.6, 0.0); (480959.8, 3732352.0, 438.9, 438.9, 0.0);
(481009.8, 3732352.0, 438.4, 438.4, 0.0); (481059.8, 3732352.0, 437.9, 437.9, 0.0);
(481109.8, 3732352.0, 437.6, 437.6, 0.0); (481159.8, 3732352.0, 437.2, 437.2, 0.0);

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     ( 481209.8, 3732352.0,     436.7,     436.7,       0.0);         ( 481259.8,
3732352.0,     436.5,     436.5,       0.0);
     ( 481309.8, 3732352.0,     435.9,     435.9,       0.0);         ( 481359.8,
3732352.0,     436.0,     436.0,       0.0);
     ( 481409.8, 3732352.0,     436.0,     436.0,       0.0);         ( 481459.8,
3732352.0,     435.7,     435.7,       0.0);
     ( 481509.8, 3732352.0,     435.5,     435.5,       0.0);         ( 481559.8,
3732352.0,     435.0,     435.0,       0.0);
     ( 481609.8, 3732352.0,     435.3,     435.3,       0.0);         ( 481659.8,
3732352.0,     435.1,     435.1,       0.0);
     ( 479709.8, 3732402.0,     464.6,     683.6,       0.0);         ( 479759.8,
3732402.0,     463.1,     683.6,       0.0);
     ( 479809.8, 3732402.0,     462.0,     683.6,       0.0);         ( 479859.8,
3732402.0,     460.6,     683.6,       0.0);
     ( 479909.8, 3732402.0,     459.1,     683.6,       0.0);         ( 479959.8,
3732402.0,     457.3,     683.6,       0.0);
     ( 480009.8, 3732402.0,     456.6,     683.6,       0.0);         ( 480059.8,
3732402.0,     455.6,     683.6,       0.0);
     ( 480109.8, 3732402.0,     454.5,     683.6,       0.0);         ( 480159.8,
3732402.0,     453.2,     683.6,       0.0);
     ( 480209.8, 3732402.0,     452.1,     683.6,       0.0);         ( 480259.8,
3732402.0,     450.8,     683.6,       0.0);
     ( 480309.8, 3732402.0,     449.3,     683.6,       0.0);         ( 480359.8,
3732402.0,     447.8,     683.6,       0.0);
     ( 480409.8, 3732402.0,     446.1,     683.6,       0.0);         ( 480459.8,
3732402.0,     444.8,     683.6,       0.0);
     ( 480509.8, 3732402.0,     444.3,     683.6,       0.0);         ( 480559.8,
3732402.0,     443.6,     683.6,       0.0);
     ( 480609.8, 3732402.0,     443.1,     683.6,       0.0);         ( 480659.8,
3732402.0,     442.6,     683.6,       0.0);
     ( 480709.8, 3732402.0,     441.7,     683.6,       0.0);         ( 480759.8,
3732402.0,     441.2,     441.2,       0.0);
     ( 480809.8, 3732402.0,     440.6,     440.6,       0.0);         ( 480859.8,
3732402.0,     440.1,     440.1,       0.0);
     ( 480909.8, 3732402.0,     439.5,     439.5,       0.0);         ( 480959.8,
3732402.0,     438.5,     438.5,       0.0);
     ( 481009.8, 3732402.0,     437.9,     437.9,       0.0);         ( 481059.8,
3732402.0,     437.3,     437.3,       0.0);
     ( 481109.8, 3732402.0,     437.2,     437.2,       0.0);         ( 481159.8,
3732402.0,     436.9,     436.9,       0.0);
     ( 481209.8, 3732402.0,     436.5,     436.5,       0.0);         ( 481259.8,
3732402.0,     436.3,     436.3,       0.0);
     ( 481309.8, 3732402.0,     435.8,     435.8,       0.0);         ( 481359.8,
3732402.0,     435.4,     435.4,       0.0);
     ( 481409.8, 3732402.0,     435.3,     435.3,       0.0);         ( 481459.8,
3732402.0,     435.0,     435.0,       0.0);
     ( 481509.8, 3732402.0,     435.2,     435.2,       0.0);         ( 481559.8,
3732402.0,     435.1,     435.1,       0.0);
     ( 481609.8, 3732402.0,     435.1,     435.1,       0.0);         ( 481659.8,
3732402.0,     434.7,     434.7,       0.0);
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(479709.8, 3732452.0, 462.5, 683.6, 0.0); (479759.8, 3732452.0, 460.1, 683.6, 0.0);
(479809.8, 3732452.0, 459.8, 683.6, 0.0); (479859.8, 3732452.0, 459.6, 683.6, 0.0);
(479909.8, 3732452.0, 458.1, 683.6, 0.0); (479959.8, 3732452.0, 455.6, 683.6, 0.0);
(480009.8, 3732452.0, 454.4, 683.6, 0.0); (480059.8, 3732452.0, 454.4, 683.6, 0.0);
(480109.8, 3732452.0, 453.8, 683.6, 0.0); (480159.8, 3732452.0, 452.6, 683.6, 0.0);
(480209.8, 3732452.0, 451.4, 683.6, 0.0); (480259.8, 3732452.0, 450.4, 683.6, 0.0);
(480309.8, 3732452.0, 449.3, 683.6, 0.0); (480359.8, 3732452.0, 448.0, 683.6, 0.0);
(480409.8, 3732452.0, 446.3, 683.6, 0.0); (480459.8, 3732452.0, 444.9, 683.6, 0.0);

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(480509.8, 3732452.0, 444.1, 683.6, 0.0); (480559.8, 3732452.0, 443.3, 683.6, 0.0);
(480609.8, 3732452.0, 442.8, 683.6, 0.0); (480659.8, 3732452.0, 442.2, 683.6, 0.0);
(480709.8, 3732452.0, 441.6, 441.6, 0.0); (480759.8, 3732452.0, 441.4, 441.4, 0.0);
(480809.8, 3732452.0, 440.3, 440.3, 0.0); (480859.8, 3732452.0, 439.8, 439.8, 0.0);
(480909.8, 3732452.0, 439.7, 439.7, 0.0); (480959.8, 3732452.0, 438.5, 438.5, 0.0);
(481009.8, 3732452.0, 437.8, 437.8, 0.0); (481059.8, 3732452.0, 437.4, 437.4, 0.0);
(481109.8, 3732452.0, 437.2, 437.2, 0.0); (481159.8, 3732452.0, 436.8, 436.8, 0.0);
(481209.8, 3732452.0, 436.3, 436.3, 0.0); (481259.8, 3732452.0, 436.1, 436.1, 0.0);
(481309.8, 3732452.0, 435.5, 435.5, 0.0); (481359.8, 3732452.0, 435.1, 435.1, 0.0);
(481409.8, 3732452.0, 434.9, 434.9, 0.0); (481459.8, 3732452.0, 434.5, 434.5, 0.0);
(481509.8, 3732452.0, 434.4, 434.4, 0.0); (481559.8, 3732452.0, 434.7, 434.7, 0.0);

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     ( 481609.8, 3732452.0,     434.7,     434.7,       0.0);         ( 481659.8,
3732452.0,     434.6,     434.6,       0.0);
     ( 479709.8, 3732502.0,     460.6,     683.6,       0.0);         ( 479759.8,
3732502.0,     457.9,     683.6,       0.0);
     ( 479809.8, 3732502.0,     456.8,     683.6,       0.0);         ( 479859.8,
3732502.0,     458.1,     683.6,       0.0);
     ( 479909.8, 3732502.0,     457.1,     683.6,       0.0);         ( 479959.8,
3732502.0,     454.3,     683.6,       0.0);
     ( 480009.8, 3732502.0,     452.2,     683.6,       0.0);         ( 480059.8,
3732502.0,     452.5,     683.6,       0.0);
     ( 480109.8, 3732502.0,     452.7,     683.6,       0.0);         ( 480159.8,
3732502.0,     452.1,     683.6,       0.0);
     ( 480209.8, 3732502.0,     451.0,     683.6,       0.0);         ( 480259.8,
3732502.0,     449.8,     683.6,       0.0);
     ( 480309.8, 3732502.0,     448.7,     683.6,       0.0);         ( 480359.8,
3732502.0,     447.7,     683.6,       0.0);
     ( 480409.8, 3732502.0,     446.6,     683.6,       0.0);         ( 480459.8,
3732502.0,     445.3,     683.6,       0.0);
     ( 480509.8, 3732502.0,     444.2,     683.6,       0.0);         ( 480559.8,
3732502.0,     443.3,     683.6,       0.0);
     ( 480609.8, 3732502.0,     442.7,     683.6,       0.0);         ( 480659.8,
3732502.0,     441.9,     441.9,       0.0);
     ( 480709.8, 3732502.0,     441.4,     441.4,       0.0);         ( 480759.8,
3732502.0,     441.2,     441.2,       0.0);
     ( 480809.8, 3732502.0,     440.1,     440.1,       0.0);         ( 480859.8,
3732502.0,     439.5,     439.5,       0.0);
     ( 480909.8, 3732502.0,     439.1,     439.1,       0.0);         ( 480959.8,
3732502.0,     438.6,     438.6,       0.0);
     ( 481009.8, 3732502.0,     437.7,     437.7,       0.0);         ( 481059.8,
3732502.0,     437.3,     437.3,       0.0);
     ( 481109.8, 3732502.0,     436.5,     436.5,       0.0);         ( 481159.8,
3732502.0,     436.3,     436.3,       0.0);
     ( 481209.8, 3732502.0,     435.9,     435.9,       0.0);         ( 481259.8,
3732502.0,     435.8,     435.8,       0.0);
     ( 481309.8, 3732502.0,     435.3,     435.3,       0.0);         ( 481359.8,
3732502.0,     435.2,     435.2,       0.0);
     ( 481409.8, 3732502.0,     434.8,     434.8,       0.0);         ( 481459.8,
3732502.0,     434.4,     434.4,       0.0);
     ( 481509.8, 3732502.0,     434.3,     434.3,       0.0);         ( 481559.8,
3732502.0,     434.4,     434.4,       0.0);
     ( 481609.8, 3732502.0,     434.3,     434.3,       0.0);         ( 481659.8,
3732502.0,     434.4,     434.4,       0.0);
     ( 479709.8, 3732552.0,     458.7,     683.6,       0.0);         ( 479759.8,
3732552.0,     457.6,     683.6,       0.0);
     ( 479809.8, 3732552.0,     455.2,     683.6,       0.0);         ( 479859.8,
3732552.0,     455.2,     683.6,       0.0);
     ( 479909.8, 3732552.0,     454.1,     683.6,       0.0);         ( 479959.8,
3732552.0,     453.1,     683.6,       0.0);
     ( 480009.8, 3732552.0,     450.7,     683.6,       0.0);         ( 480059.8,
3732552.0,     450.7,     683.6,       0.0);
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(480109.8, 3732552.0, 450.3, 683.6, 0.0); (480159.8, 3732552.0, 450.7, 683.6, 0.0);
(480209.8, 3732552.0, 450.5, 683.6, 0.0); (480259.8, 3732552.0, 449.6, 683.6, 0.0);
(480309.8, 3732552.0, 448.4, 683.6, 0.0); (480359.8, 3732552.0, 447.2, 683.6, 0.0);
(480409.8, 3732552.0, 446.2, 683.6, 0.0); (480459.8, 3732552.0, 445.3, 683.6, 0.0);
(480509.8, 3732552.0, 444.2, 683.6, 0.0); (480559.8, 3732552.0, 443.3, 683.6, 0.0);
(480609.8, 3732552.0, 442.7, 442.7, 0.0); (480659.8, 3732552.0, 442.0, 442.0, 0.0);
(480709.8, 3732552.0, 441.1, 441.1, 0.0); (480759.8, 3732552.0, 440.8, 440.8, 0.0);
(480809.8, 3732552.0, 439.5, 439.5, 0.0); (480859.8, 3732552.0, 439.2, 439.2, 0.0);
(480909.8, 3732552.0, 438.8, 438.8, 0.0); (480959.8, 3732552.0, 438.1, 438.1, 0.0);

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(481009.8, 3732552.0, 437.6, 437.6, 0.0); (481059.8, 3732552.0, 437.4, 437.4, 0.0);
(481109.8, 3732552.0, 436.7, 436.7, 0.0); (481159.8, 3732552.0, 436.3, 436.3, 0.0);
(481209.8, 3732552.0, 436.0, 436.0, 0.0); (481259.8, 3732552.0, 435.7, 435.7, 0.0);
(481309.8, 3732552.0, 435.2, 435.2, 0.0); (481359.8, 3732552.0, 435.2, 435.2, 0.0);
(481409.8, 3732552.0, 434.9, 434.9, 0.0); (481459.8, 3732552.0, 434.6, 434.6, 0.0);
(481509.8, 3732552.0, 434.2, 434.2, 0.0); (481559.8, 3732552.0, 434.2, 434.2, 0.0);
(481609.8, 3732552.0, 434.0, 434.0, 0.0); (481659.8, 3732552.0, 434.1, 434.1, 0.0);
(479709.8, 3732602.0, 457.7, 683.6, 0.0); (479759.8, 3732602.0, 455.7, 683.6, 0.0);
(479809.8, 3732602.0, 453.8, 683.6, 0.0); (479859.8, 3732602.0, 452.6, 683.6, 0.0);
(479909.8, 3732602.0, 451.5, 683.6, 0.0); (479959.8, 3732602.0, 451.1, 683.6, 0.0);

```
     ( 480009.8, 3732602.0,     449.6,     683.6,       0.0);         ( 480059.8,
3732602.0,     448.4,     683.6,       0.0);
     ( 480109.8, 3732602.0,     447.7,     683.6,       0.0);         ( 480159.8,
3732602.0,     448.3,     683.6,       0.0);
     ( 480209.8, 3732602.0,     449.1,     683.6,       0.0);         ( 480259.8,
3732602.0,     448.9,     683.6,       0.0);
     ( 480309.8, 3732602.0,     448.2,     683.6,       0.0);         ( 480359.8,
3732602.0,     447.1,     683.6,       0.0);
     ( 480409.8, 3732602.0,     445.8,     683.6,       0.0);         ( 480459.8,
3732602.0,     444.9,     683.6,       0.0);
     ( 480509.8, 3732602.0,     443.9,     683.6,       0.0);         ( 480559.8,
3732602.0,     443.0,     443.0,       0.0);
     ( 480609.8, 3732602.0,     442.2,     442.2,       0.0);         ( 480659.8,
3732602.0,     441.5,     441.5,       0.0);
     ( 480709.8, 3732602.0,     440.8,     440.8,       0.0);         ( 480759.8,
3732602.0,     440.4,     440.4,       0.0);
     ( 480809.8, 3732602.0,     439.1,     439.1,       0.0);         ( 480859.8,
3732602.0,     438.8,     438.8,       0.0);
     ( 480909.8, 3732602.0,     438.3,     438.3,       0.0);         ( 480959.8,
3732602.0,     437.7,     437.7,       0.0);
     ( 481009.8, 3732602.0,     437.4,     437.4,       0.0);         ( 481059.8,
3732602.0,     436.8,     436.8,       0.0);
     ( 481109.8, 3732602.0,     436.4,     436.4,       0.0);         ( 481159.8,
3732602.0,     436.0,     436.0,       0.0);
     ( 481209.8, 3732602.0,     435.7,     435.7,       0.0);         ( 481259.8,
3732602.0,     435.4,     435.4,       0.0);
     ( 481309.8, 3732602.0,     435.2,     435.2,       0.0);         ( 481359.8,
3732602.0,     435.8,     435.8,       0.0);
     ( 481409.8, 3732602.0,     435.4,     435.4,       0.0);         ( 481459.8,
3732602.0,     435.3,     435.3,       0.0);
     ( 481509.8, 3732602.0,     434.3,     434.3,       0.0);         ( 481559.8,
3732602.0,     434.0,     434.0,       0.0);
     ( 481609.8, 3732602.0,     434.0,     434.0,       0.0);         ( 481659.8,
3732602.0,     433.9,     433.9,       0.0);
     ( 479709.8, 3732652.0,     456.6,     683.6,       0.0);         ( 479759.8,
3732652.0,     454.0,     683.6,       0.0);
     ( 479809.8, 3732652.0,     453.1,     683.6,       0.0);         ( 479859.8,
3732652.0,     451.7,     683.6,       0.0);
     ( 479909.8, 3732652.0,     450.6,     683.6,       0.0);         ( 479959.8,
3732652.0,     449.9,     683.6,       0.0);
     ( 480009.8, 3732652.0,     449.0,     683.6,       0.0);         ( 480059.8,
3732652.0,     448.5,     683.6,       0.0);
     ( 480109.8, 3732652.0,     446.0,     683.6,       0.0);         ( 480159.8,
3732652.0,     446.4,     683.6,       0.0);
     ( 480209.8, 3732652.0,     447.4,     683.6,       0.0);         ( 480259.8,
3732652.0,     447.8,     683.6,       0.0);
     ( 480309.8, 3732652.0,     447.5,     683.6,       0.0);         ( 480359.8,
3732652.0,     446.8,     683.6,       0.0);
     ( 480409.8, 3732652.0,     445.6,     683.6,       0.0);         ( 480459.8,
3732652.0,     444.7,     683.6,       0.0);
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(480509.8, 3732652.0, 444.1, 444.1, 0.0); (480559.8, 3732652.0, 443.2, 443.2, 0.0);
(480609.8, 3732652.0, 442.0, 442.0, 0.0); (480659.8, 3732652.0, 440.8, 440.8, 0.0);
(480709.8, 3732652.0, 440.3, 440.3, 0.0); (480759.8, 3732652.0, 440.2, 440.2, 0.0);
(480809.8, 3732652.0, 438.9, 438.9, 0.0); (480859.8, 3732652.0, 438.5, 438.5, 0.0);
(480909.8, 3732652.0, 438.0, 438.0, 0.0); (480959.8, 3732652.0, 437.4, 437.4, 0.0);
(481009.8, 3732652.0, 437.1, 437.1, 0.0); (481059.8, 3732652.0, 436.7, 436.7, 0.0);
(481109.8, 3732652.0, 436.1, 436.1, 0.0); (481159.8, 3732652.0, 435.8, 435.8, 0.0);
(481209.8, 3732652.0, 435.4, 435.4, 0.0); (481259.8, 3732652.0, 435.1, 435.1, 0.0);
(481309.8, 3732652.0, 435.0, 435.0, 0.0); (481359.8, 3732652.0, 435.8, 435.8, 0.0);
(481409.8, 3732652.0, 435.4, 435.4, 0.0); (481459.8, 3732652.0, 434.8, 434.8, 0.0);

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(481509.8, 3732652.0, 434.3, 434.3, 0.0); (481559.8, 3732652.0, 434.2, 434.2, 0.0);
(481609.8, 3732652.0, 434.2, 434.2, 0.0); (481659.8, 3732652.0, 434.1, 434.1, 0.0);
(479709.8, 3732702.0, 454.2, 683.6, 0.0); (479759.8, 3732702.0, 453.5, 683.6, 0.0);
(479809.8, 3732702.0, 452.8, 683.6, 0.0); (479859.8, 3732702.0, 451.1, 683.6, 0.0);
(479909.8, 3732702.0, 449.3, 683.6, 0.0); (479959.8, 3732702.0, 448.1, 683.6, 0.0);
(480009.8, 3732702.0, 447.6, 683.6, 0.0); (480059.8, 3732702.0, 447.4, 683.6, 0.0);
(480109.8, 3732702.0, 445.2, 683.6, 0.0); (480159.8, 3732702.0, 445.1, 683.6, 0.0);
(480209.8, 3732702.0, 445.7, 683.6, 0.0); (480259.8, 3732702.0, 446.3, 683.6, 0.0);
(480309.8, 3732702.0, 446.4, 683.6, 0.0); (480359.8, 3732702.0, 445.9, 683.6, 0.0);

```
     ( 480409.8, 3732702.0,     445.1,     445.1,       0.0);         ( 480459.8,
3732702.0,     444.1,     444.1,       0.0);
     ( 480509.8, 3732702.0,     443.4,     443.4,       0.0);         ( 480559.8,
3732702.0,     442.8,     442.8,       0.0);
     ( 480609.8, 3732702.0,     442.0,     442.0,       0.0);         ( 480659.8,
3732702.0,     440.8,     440.8,       0.0);
     ( 480709.8, 3732702.0,     440.0,     440.0,       0.0);         ( 480759.8,
3732702.0,     439.8,     439.8,       0.0);
     ( 480809.8, 3732702.0,     438.6,     438.6,       0.0);         ( 480859.8,
3732702.0,     438.2,     438.2,       0.0);
     ( 480909.8, 3732702.0,     437.6,     437.6,       0.0);         ( 480959.8,
3732702.0,     437.1,     437.1,       0.0);
     ( 481009.8, 3732702.0,     436.7,     436.7,       0.0);         ( 481059.8,
3732702.0,     436.3,     436.3,       0.0);
     ( 481109.8, 3732702.0,     435.8,     435.8,       0.0);         ( 481159.8,
3732702.0,     435.4,     435.4,       0.0);
     ( 481209.8, 3732702.0,     435.2,     435.2,       0.0);         ( 481259.8,
3732702.0,     434.9,     434.9,       0.0);
     ( 481309.8, 3732702.0,     434.8,     434.8,       0.0);         ( 481359.8,
3732702.0,     435.2,     435.2,       0.0);
     ( 481409.8, 3732702.0,     435.0,     435.0,       0.0);         ( 481459.8,
3732702.0,     434.9,     434.9,       0.0);
     ( 481509.8, 3732702.0,     433.8,     433.8,       0.0);         ( 481559.8,
3732702.0,     434.5,     434.5,       0.0);
     ( 481609.8, 3732702.0,     434.9,     434.9,       0.0);         ( 481659.8,
3732702.0,     434.8,     434.8,       0.0);
     ( 479709.8, 3732752.0,     452.9,     683.6,       0.0);         ( 479759.8,
3732752.0,     453.4,     683.6,       0.0);
     ( 479809.8, 3732752.0,     452.8,     683.6,       0.0);         ( 479859.8,
3732752.0,     451.2,     683.6,       0.0);
     ( 479909.8, 3732752.0,     449.5,     683.6,       0.0);         ( 479959.8,
3732752.0,     448.1,     683.6,       0.0);
     ( 480009.8, 3732752.0,     448.0,     683.6,       0.0);         ( 480059.8,
3732752.0,     447.2,     683.6,       0.0);
     ( 480109.8, 3732752.0,     444.5,     683.6,       0.0);         ( 480159.8,
3732752.0,     443.5,     683.6,       0.0);
     ( 480209.8, 3732752.0,     443.9,     683.6,       0.0);         ( 480259.8,
3732752.0,     444.8,     683.6,       0.0);
     ( 480309.8, 3732752.0,     444.9,     683.6,       0.0);         ( 480359.8,
3732752.0,     444.5,     444.5,       0.0);
     ( 480409.8, 3732752.0,     444.3,     444.3,       0.0);         ( 480459.8,
3732752.0,     443.4,     443.4,       0.0);
     ( 480509.8, 3732752.0,     442.6,     442.6,       0.0);         ( 480559.8,
3732752.0,     442.0,     442.0,       0.0);
     ( 480609.8, 3732752.0,     441.3,     441.3,       0.0);         ( 480659.8,
3732752.0,     440.6,     440.6,       0.0);
     ( 480709.8, 3732752.0,     439.7,     439.7,       0.0);         ( 480759.8,
3732752.0,     439.5,     439.5,       0.0);
     ( 480809.8, 3732752.0,     438.1,     438.1,       0.0);         ( 480859.8,
3732752.0,     437.8,     437.8,       0.0);
```

(480909.8, 3732752.0, 437.2, 437.2, 0.0); (480959.8, 3732752.0, 436.6, 436.6, 0.0);
(481009.8, 3732752.0, 436.2, 436.2, 0.0); (481059.8, 3732752.0, 435.8, 435.8, 0.0);
(481109.8, 3732752.0, 435.4, 435.4, 0.0); (481159.8, 3732752.0, 435.1, 435.1, 0.0);
(481209.8, 3732752.0, 434.9, 434.9, 0.0); (481259.8, 3732752.0, 434.7, 434.7, 0.0);
(481309.8, 3732752.0, 434.6, 434.6, 0.0); (481359.8, 3732752.0, 434.9, 434.9, 0.0);
(481409.8, 3732752.0, 434.8, 434.8, 0.0); (481459.8, 3732752.0, 435.0, 435.0, 0.0);
(481509.8, 3732752.0, 433.6, 433.6, 0.0); (481559.8, 3732752.0, 434.4, 434.4, 0.0);
(481609.8, 3732752.0, 434.7, 434.7, 0.0); (481659.8, 3732752.0, 434.6, 434.6, 0.0);
(479709.8, 3732802.0, 452.1, 683.6, 0.0); (479759.8, 3732802.0, 451.7, 683.6, 0.0);
(479809.8, 3732802.0, 451.7, 683.6, 0.0); (479859.8, 3732802.0, 451.3, 683.6, 0.0);
(479909.8, 3732802.0, 450.5, 683.6, 0.0); (479959.8, 3732802.0, 449.2, 683.6, 0.0);

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(480009.8, 3732802.0, 446.3, 683.6, 0.0); (480059.8, 3732802.0, 445.1, 683.6, 0.0);
(480109.8, 3732802.0, 444.1, 683.6, 0.0); (480159.8, 3732802.0, 442.8, 683.6, 0.0);
(480209.8, 3732802.0, 442.6, 683.6, 0.0); (480259.8, 3732802.0, 443.5, 683.6, 0.0);
(480309.8, 3732802.0, 443.4, 683.6, 0.0); (480359.8, 3732802.0, 443.1, 443.1, 0.0);
(480409.8, 3732802.0, 443.2, 443.2, 0.0); (480459.8, 3732802.0, 442.7, 442.7, 0.0);
(480509.8, 3732802.0, 442.0, 442.0, 0.0); (480559.8, 3732802.0, 441.2, 441.2, 0.0);
(480609.8, 3732802.0, 440.6, 440.6, 0.0); (480659.8, 3732802.0, 440.0, 440.0, 0.0);
(480709.8, 3732802.0, 439.2, 439.2, 0.0); (480759.8, 3732802.0, 438.7, 438.7, 0.0);

```
     ( 480809.8, 3732802.0,     437.7,     437.7,       0.0);         ( 480859.8,
3732802.0,     437.4,     437.4,       0.0);
     ( 480909.8, 3732802.0,     436.8,     436.8,       0.0);         ( 480959.8,
3732802.0,     436.2,     436.2,       0.0);
     ( 481009.8, 3732802.0,     435.7,     435.7,       0.0);         ( 481059.8,
3732802.0,     435.4,     435.4,       0.0);
     ( 481109.8, 3732802.0,     435.1,     435.1,       0.0);         ( 481159.8,
3732802.0,     434.8,     434.8,       0.0);
     ( 481209.8, 3732802.0,     434.6,     434.6,       0.0);         ( 481259.8,
3732802.0,     434.6,     434.6,       0.0);
     ( 481309.8, 3732802.0,     434.4,     434.4,       0.0);         ( 481359.8,
3732802.0,     434.5,     434.5,       0.0);
     ( 481409.8, 3732802.0,     434.2,     434.2,       0.0);         ( 481459.8,
3732802.0,     434.0,     434.0,       0.0);
     ( 481509.8, 3732802.0,     433.3,     433.3,       0.0);         ( 481559.8,
3732802.0,     434.1,     434.1,       0.0);
     ( 481609.8, 3732802.0,     434.3,     434.3,       0.0);         ( 481659.8,
3732802.0,     434.1,     434.1,       0.0);
     ( 479709.8, 3732852.0,     450.9,     683.6,       0.0);         ( 479759.8,
3732852.0,     449.5,     683.6,       0.0);
     ( 479809.8, 3732852.0,     451.1,     683.6,       0.0);         ( 479859.8,
3732852.0,     451.1,     683.6,       0.0);
     ( 479909.8, 3732852.0,     451.2,     683.6,       0.0);         ( 479959.8,
3732852.0,     449.4,     683.6,       0.0);
     ( 480009.8, 3732852.0,     445.5,     683.6,       0.0);         ( 480059.8,
3732852.0,     445.8,     683.6,       0.0);
     ( 480109.8, 3732852.0,     445.6,     683.6,       0.0);         ( 480159.8,
3732852.0,     442.8,     683.6,       0.0);
     ( 480209.8, 3732852.0,     441.7,     683.6,       0.0);         ( 480259.8,
3732852.0,     442.1,     683.6,       0.0);
     ( 480309.8, 3732852.0,     442.2,     442.2,       0.0);         ( 480359.8,
3732852.0,     441.8,     441.8,       0.0);
     ( 480409.8, 3732852.0,     442.4,     442.4,       0.0);         ( 480459.8,
3732852.0,     441.9,     441.9,       0.0);
     ( 480509.8, 3732852.0,     441.1,     441.1,       0.0);         ( 480559.8,
3732852.0,     440.5,     440.5,       0.0);
     ( 480609.8, 3732852.0,     440.0,     440.0,       0.0);         ( 480659.8,
3732852.0,     439.4,     439.4,       0.0);
     ( 480709.8, 3732852.0,     438.8,     438.8,       0.0);         ( 480759.8,
3732852.0,     438.6,     438.6,       0.0);
     ( 480809.8, 3732852.0,     437.6,     437.6,       0.0);         ( 480859.8,
3732852.0,     437.0,     437.0,       0.0);
     ( 480909.8, 3732852.0,     436.3,     436.3,       0.0);         ( 480959.8,
3732852.0,     435.8,     435.8,       0.0);
     ( 481009.8, 3732852.0,     435.4,     435.4,       0.0);         ( 481059.8,
3732852.0,     435.1,     435.1,       0.0);
     ( 481109.8, 3732852.0,     434.8,     434.8,       0.0);         ( 481159.8,
3732852.0,     434.6,     434.6,       0.0);
     ( 481209.8, 3732852.0,     434.4,     434.4,       0.0);         ( 481259.8,
3732852.0,     434.3,     434.3,       0.0);
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(481309.8, 3732852.0, 434.1, 434.1, 0.0); (481359.8, 3732852.0, 434.3, 434.3, 0.0);
(481409.8, 3732852.0, 434.0, 434.0, 0.0); (481459.8, 3732852.0, 433.6, 433.6, 0.0);
(481509.8, 3732852.0, 432.4, 432.4, 0.0); (481559.8, 3732852.0, 433.8, 433.8, 0.0);
(481609.8, 3732852.0, 433.9, 433.9, 0.0); (481659.8, 3732852.0, 433.6, 433.6, 0.0);
(479709.8, 3732902.0, 448.8, 683.6, 0.0); (479759.8, 3732902.0, 449.6, 683.6, 0.0);
(479809.8, 3732902.0, 450.2, 683.6, 0.0); (479859.8, 3732902.0, 449.3, 683.6, 0.0);
(479909.8, 3732902.0, 451.3, 683.6, 0.0); (479959.8, 3732902.0, 449.5, 683.6, 0.0);
(480009.8, 3732902.0, 446.4, 683.6, 0.0); (480059.8, 3732902.0, 445.8, 683.6, 0.0);
(480109.8, 3732902.0, 444.9, 683.6, 0.0); (480159.8, 3732902.0, 442.2, 683.6, 0.0);
(480209.8, 3732902.0, 441.1, 683.6, 0.0); (480259.8, 3732902.0, 440.9, 440.9, 0.0);
(480309.8, 3732902.0, 440.8, 440.8, 0.0); (480359.8, 3732902.0, 440.5, 440.5, 0.0);
(480409.8, 3732902.0, 441.6, 441.6, 0.0); (480459.8, 3732902.0, 441.2, 441.2, 0.0);

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(480509.8, 3732902.0, 440.2, 440.2, 0.0); (480559.8, 3732902.0, 439.5, 439.5, 0.0);
(480609.8, 3732902.0, 439.2, 439.2, 0.0); (480659.8, 3732902.0, 438.7, 438.7, 0.0);
(480709.8, 3732902.0, 437.9, 437.9, 0.0); (480759.8, 3732902.0, 437.8, 437.8, 0.0);
(480809.8, 3732902.0, 437.3, 437.3, 0.0); (480859.8, 3732902.0, 436.2, 436.2, 0.0);
(480909.8, 3732902.0, 435.7, 435.7, 0.0); (480959.8, 3732902.0, 435.3, 435.3, 0.0);
(481009.8, 3732902.0, 435.0, 435.0, 0.0); (481059.8, 3732902.0, 434.7, 434.7, 0.0);
(481109.8, 3732902.0, 434.4, 434.4, 0.0); (481159.8, 3732902.0, 434.2, 434.2, 0.0);

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     ( 481309.8, 3732902.0,     433.8,     433.8,       0.0);         ( 481359.8,
3732902.0,     433.5,     433.5,       0.0);
     ( 481409.8, 3732902.0,     433.3,     433.3,       0.0);         ( 481459.8,
3732902.0,     433.1,     433.1,       0.0);
     ( 481509.8, 3732902.0,     433.0,     433.0,       0.0);         ( 481559.8,
3732902.0,     433.1,     433.1,       0.0);
     ( 481609.8, 3732902.0,     433.2,     433.2,       0.0);         ( 481659.8,
3732902.0,     433.3,     433.3,       0.0);
     ( 479709.8, 3732952.0,     448.2,     683.6,       0.0);         ( 479759.8,
3732952.0,     449.0,     683.6,       0.0);
     ( 479809.8, 3732952.0,     448.8,     683.6,       0.0);         ( 479859.8,
3732952.0,     447.6,     683.6,       0.0);
     ( 479909.8, 3732952.0,     449.4,     683.6,       0.0);         ( 479959.8,
3732952.0,     448.4,     683.6,       0.0);
     ( 480009.8, 3732952.0,     445.3,     683.6,       0.0);         ( 480059.8,
3732952.0,     443.7,     683.6,       0.0);
     ( 480109.8, 3732952.0,     442.5,     683.6,       0.0);         ( 480159.8,
3732952.0,     441.4,     441.4,       0.0);
     ( 480209.8, 3732952.0,     440.5,     440.5,       0.0);         ( 480259.8,
3732952.0,     439.9,     439.9,       0.0);
     ( 480309.8, 3732952.0,     439.5,     439.5,       0.0);         ( 480359.8,
3732952.0,     439.6,     439.6,       0.0);
     ( 480409.8, 3732952.0,     440.8,     440.8,       0.0);         ( 480459.8,
3732952.0,     440.5,     440.5,       0.0);
     ( 480509.8, 3732952.0,     439.7,     439.7,       0.0);         ( 480559.8,
3732952.0,     438.6,     438.6,       0.0);
     ( 480609.8, 3732952.0,     438.4,     438.4,       0.0);         ( 480659.8,
3732952.0,     438.2,     438.2,       0.0);
     ( 480709.8, 3732952.0,     437.2,     437.2,       0.0);         ( 480759.8,
3732952.0,     436.8,     436.8,       0.0);
     ( 480809.8, 3732952.0,     436.5,     436.5,       0.0);         ( 480859.8,
3732952.0,     435.8,     435.8,       0.0);
     ( 480909.8, 3732952.0,     435.2,     435.2,       0.0);         ( 480959.8,
3732952.0,     434.7,     434.7,       0.0);
     ( 481009.8, 3732952.0,     434.5,     434.5,       0.0);         ( 481059.8,
3732952.0,     434.3,     434.3,       0.0);
     ( 481109.8, 3732952.0,     434.1,     434.1,       0.0);         ( 481159.8,
3732952.0,     434.0,     434.0,       0.0);
     ( 481209.8, 3732952.0,     433.8,     433.8,       0.0);         ( 481259.8,
3732952.0,     433.7,     433.7,       0.0);
     ( 481309.8, 3732952.0,     433.6,     433.6,       0.0);         ( 481359.8,
3732952.0,     433.3,     433.3,       0.0);
     ( 481409.8, 3732952.0,     433.1,     433.1,       0.0);         ( 481459.8,
3732952.0,     433.0,     433.0,       0.0);
     ( 481509.8, 3732952.0,     433.0,     433.0,       0.0);         ( 481559.8,
3732952.0,     433.1,     433.1,       0.0);
     ( 481609.8, 3732952.0,     433.1,     433.1,       0.0);         ( 481659.8,
3732952.0,     433.2,     433.2,       0.0);
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     ( 479709.8, 3733002.0,     447.6,     683.6,       0.0);         ( 479759.8,
3733002.0,     447.8,     683.6,       0.0);
     ( 479809.8, 3733002.0,     446.9,     683.6,       0.0);         ( 479859.8,
3733002.0,     445.9,     683.6,       0.0);
     ( 479909.8, 3733002.0,     446.1,     683.6,       0.0);         ( 479959.8,
3733002.0,     446.0,     683.6,       0.0);
     ( 480009.8, 3733002.0,     444.4,     444.4,       0.0);         ( 480059.8,
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     ( 480109.8, 3733002.0,     441.5,     441.5,       0.0);         ( 480159.8,
3733002.0,     440.6,     440.6,       0.0);
     ( 480209.8, 3733002.0,     439.8,     439.8,       0.0);         ( 480259.8,
3733002.0,     439.3,     439.3,       0.0);
     ( 480309.8, 3733002.0,     438.9,     438.9,       0.0);         ( 480359.8,
3733002.0,     438.9,     438.9,       0.0);
     ( 480409.8, 3733002.0,     440.1,     440.1,       0.0);         ( 480459.8,
3733002.0,     439.9,     439.9,       0.0);
     ( 480509.8, 3733002.0,     439.2,     439.2,       0.0);         ( 480559.8,
3733002.0,     438.0,     438.0,       0.0);
     ( 480609.8, 3733002.0,     437.8,     437.8,       0.0);         ( 480659.8,
3733002.0,     438.0,     438.0,       0.0);
     ( 480709.8, 3733002.0,     437.0,     437.0,       0.0);         ( 480759.8,
3733002.0,     436.0,     436.0,       0.0);
     ( 480809.8, 3733002.0,     435.7,     435.7,       0.0);         ( 480859.8,
3733002.0,     435.4,     435.4,       0.0);
     ( 480909.8, 3733002.0,     435.1,     435.1,       0.0);         ( 480959.8,
3733002.0,     434.6,     434.6,       0.0);
 *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                           ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                                *** DISCRETE CARTESIAN RECEPTORS ***
                                               (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                          (METERS)

     ( 481009.8, 3733002.0,     434.3,     434.3,       0.0);         ( 481059.8,
3733002.0,     434.1,     434.1,       0.0);
     ( 481109.8, 3733002.0,     433.9,     433.9,       0.0);         ( 481159.8,
3733002.0,     433.8,     433.8,       0.0);
     ( 481209.8, 3733002.0,     433.7,     433.7,       0.0);         ( 481259.8,
3733002.0,     433.6,     433.6,       0.0);
     ( 481309.8, 3733002.0,     433.4,     433.4,       0.0);         ( 481359.8,
3733002.0,     433.2,     433.2,       0.0);
     ( 481409.8, 3733002.0,     433.0,     433.0,       0.0);         ( 481459.8,
3733002.0,     432.9,     432.9,       0.0);
     ( 481509.8, 3733002.0,     432.9,     432.9,       0.0);         ( 481559.8,
3733002.0,     433.1,     433.1,       0.0);
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     ( 481609.8, 3733002.0,     433.1,     433.1,       0.0);         ( 481659.8,
3733002.0,     433.2,     433.2,       0.0);
     ( 479709.8, 3733052.0,     446.9,     683.6,       0.0);         ( 479759.8,
3733052.0,     446.7,     683.6,       0.0);
     ( 479809.8, 3733052.0,     445.9,     683.6,       0.0);         ( 479859.8,
3733052.0,     444.9,     683.6,       0.0);
     ( 479909.8, 3733052.0,     444.0,     683.6,       0.0);         ( 479959.8,
3733052.0,     443.8,     443.8,       0.0);
     ( 480009.8, 3733052.0,     443.1,     443.1,       0.0);         ( 480059.8,
3733052.0,     441.7,     441.7,       0.0);
     ( 480109.8, 3733052.0,     440.5,     440.5,       0.0);         ( 480159.8,
3733052.0,     439.8,     439.8,       0.0);
     ( 480209.8, 3733052.0,     439.3,     439.3,       0.0);         ( 480259.8,
3733052.0,     438.8,     438.8,       0.0);
     ( 480309.8, 3733052.0,     438.4,     438.4,       0.0);         ( 480359.8,
3733052.0,     438.2,     438.2,       0.0);
     ( 480409.8, 3733052.0,     439.2,     439.2,       0.0);         ( 480459.8,
3733052.0,     439.1,     439.1,       0.0);
     ( 480509.8, 3733052.0,     438.6,     438.6,       0.0);         ( 480559.8,
3733052.0,     437.6,     437.6,       0.0);
     ( 480609.8, 3733052.0,     436.9,     436.9,       0.0);         ( 480659.8,
3733052.0,     436.9,     436.9,       0.0);
     ( 480709.8, 3733052.0,     436.4,     436.4,       0.0);         ( 480759.8,
3733052.0,     435.6,     435.6,       0.0);
     ( 480809.8, 3733052.0,     435.0,     435.0,       0.0);         ( 480859.8,
3733052.0,     434.8,     434.8,       0.0);
     ( 480909.8, 3733052.0,     434.7,     434.7,       0.0);         ( 480959.8,
3733052.0,     434.2,     434.2,       0.0);
     ( 481009.8, 3733052.0,     433.9,     433.9,       0.0);         ( 481059.8,
3733052.0,     433.7,     433.7,       0.0);
     ( 481109.8, 3733052.0,     433.5,     433.5,       0.0);         ( 481159.8,
3733052.0,     433.6,     433.6,       0.0);
     ( 481209.8, 3733052.0,     433.6,     433.6,       0.0);         ( 481259.8,
3733052.0,     433.5,     433.5,       0.0);
     ( 481309.8, 3733052.0,     433.2,     433.2,       0.0);         ( 481359.8,
3733052.0,     433.0,     433.0,       0.0);
     ( 481409.8, 3733052.0,     432.9,     432.9,       0.0);         ( 481459.8,
3733052.0,     432.9,     432.9,       0.0);
     ( 481509.8, 3733052.0,     432.9,     432.9,       0.0);         ( 481559.8,
3733052.0,     433.1,     433.1,       0.0);
     ( 481609.8, 3733052.0,     433.1,     433.1,       0.0);         ( 481659.8,
3733052.0,     433.3,     433.3,       0.0);
     ( 479709.8, 3733102.0,     445.9,     683.6,       0.0);         ( 479759.8,
3733102.0,     445.9,     683.6,       0.0);
     ( 479809.8, 3733102.0,     445.9,     445.9,       0.0);         ( 479859.8,
3733102.0,     444.8,     444.8,       0.0);
     ( 479909.8, 3733102.0,     443.6,     443.6,       0.0);         ( 479959.8,
3733102.0,     442.6,     442.6,       0.0);
     ( 480009.8, 3733102.0,     441.8,     441.8,       0.0);         ( 480059.8,
3733102.0,     440.6,     440.6,       0.0);
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     ( 480109.8, 3733102.0,     439.6,     439.6,       0.0);         ( 480159.8,
3733102.0,     439.1,     439.1,       0.0);
     ( 480209.8, 3733102.0,     438.7,     438.7,       0.0);         ( 480259.8,
3733102.0,     438.4,     438.4,       0.0);
     ( 480309.8, 3733102.0,     437.9,     437.9,       0.0);         ( 480359.8,
3733102.0,     437.6,     437.6,       0.0);
     ( 480409.8, 3733102.0,     438.2,     438.2,       0.0);         ( 480459.8,
3733102.0,     438.3,     438.3,       0.0);
     ( 480509.8, 3733102.0,     437.9,     437.9,       0.0);         ( 480559.8,
3733102.0,     437.1,     437.1,       0.0);
     ( 480609.8, 3733102.0,     436.2,     436.2,       0.0);         ( 480659.8,
3733102.0,     436.1,     436.1,       0.0);
     ( 480709.8, 3733102.0,     435.9,     435.9,       0.0);         ( 480759.8,
3733102.0,     435.2,     435.2,       0.0);
     ( 480809.8, 3733102.0,     434.5,     434.5,       0.0);         ( 480859.8,
3733102.0,     434.2,     434.2,       0.0);
     ( 480909.8, 3733102.0,     434.1,     434.1,       0.0);         ( 480959.8,
3733102.0,     433.7,     433.7,       0.0);
     ( 481009.8, 3733102.0,     433.6,     433.6,       0.0);         ( 481059.8,
3733102.0,     433.4,     433.4,       0.0);
     ( 481109.8, 3733102.0,     433.3,     433.3,       0.0);         ( 481159.8,
3733102.0,     433.3,     433.3,       0.0);
     ( 481209.8, 3733102.0,     433.3,     433.3,       0.0);         ( 481259.8,
3733102.0,     433.2,     433.2,       0.0);
     ( 481309.8, 3733102.0,     433.0,     433.0,       0.0);         ( 481359.8,
3733102.0,     432.9,     432.9,       0.0);
     ( 481409.8, 3733102.0,     432.9,     432.9,       0.0);         ( 481459.8,
3733102.0,     432.9,     432.9,       0.0);
 *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                           ***         03/08/24
 *** AERMET - VERSION  16216 ***    ***
                           ***         17:22:37

                                  PAGE  1276
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                                    *** DISCRETE CARTESIAN RECEPTORS ***
                                                   (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                                (METERS)

     ( 481509.8, 3733102.0,     433.0,     433.0,       0.0);         ( 481559.8,
3733102.0,     433.1,     433.1,       0.0);
     ( 481609.8, 3733102.0,     433.2,     433.2,       0.0);         ( 481659.8,
3733102.0,     433.4,     433.4,       0.0);
     ( 479709.8, 3733152.0,     445.0,     445.0,       0.0);         ( 479759.8,
3733152.0,     444.7,     444.7,       0.0);
     ( 479809.8, 3733152.0,     445.2,     445.2,       0.0);         ( 479859.8,
3733152.0,     444.5,     444.5,       0.0);
     ( 479909.8, 3733152.0,     443.3,     443.3,       0.0);         ( 479959.8,
3733152.0,     441.7,     441.7,       0.0);
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     ( 480009.8, 3733152.0,     440.7,     440.7,       0.0);         ( 480059.8,
3733152.0,     439.8,     439.8,       0.0);
     ( 480109.8, 3733152.0,     439.0,     439.0,       0.0);         ( 480159.8,
3733152.0,     438.5,     438.5,       0.0);
     ( 480209.8, 3733152.0,     438.1,     438.1,       0.0);         ( 480259.8,
3733152.0,     437.9,     437.9,       0.0);
     ( 480309.8, 3733152.0,     437.6,     437.6,       0.0);         ( 480359.8,
3733152.0,     437.1,     437.1,       0.0);
     ( 480409.8, 3733152.0,     437.2,     437.2,       0.0);         ( 480459.8,
3733152.0,     437.4,     437.4,       0.0);
     ( 480509.8, 3733152.0,     437.3,     437.3,       0.0);         ( 480559.8,
3733152.0,     436.5,     436.5,       0.0);
     ( 480609.8, 3733152.0,     435.6,     435.6,       0.0);         ( 480659.8,
3733152.0,     435.4,     435.4,       0.0);
     ( 480709.8, 3733152.0,     435.2,     435.2,       0.0);         ( 480759.8,
3733152.0,     434.6,     434.6,       0.0);
     ( 480809.8, 3733152.0,     434.1,     434.1,       0.0);         ( 480859.8,
3733152.0,     433.8,     433.8,       0.0);
     ( 480909.8, 3733152.0,     433.7,     433.7,       0.0);         ( 480959.8,
3733152.0,     433.4,     433.4,       0.0);
     ( 481009.8, 3733152.0,     433.3,     433.3,       0.0);         ( 481059.8,
3733152.0,     433.2,     433.2,       0.0);
     ( 481109.8, 3733152.0,     433.1,     433.1,       0.0);         ( 481159.8,
3733152.0,     433.1,     433.1,       0.0);
     ( 481209.8, 3733152.0,     433.1,     433.1,       0.0);         ( 481259.8,
3733152.0,     433.0,     433.0,       0.0);
     ( 481309.8, 3733152.0,     432.8,     432.8,       0.0);         ( 481359.8,
3733152.0,     432.8,     432.8,       0.0);
     ( 481409.8, 3733152.0,     432.8,     432.8,       0.0);         ( 481459.8,
3733152.0,     433.0,     433.0,       0.0);
     ( 481509.8, 3733152.0,     433.0,     433.0,       0.0);         ( 481559.8,
3733152.0,     433.1,     433.1,       0.0);
     ( 481609.8, 3733152.0,     433.2,     433.2,       0.0);         ( 481659.8,
3733152.0,     433.4,     433.4,       0.0);
     ( 479709.8, 3733202.0,     444.0,     444.0,       0.0);         ( 479759.8,
3733202.0,     443.5,     443.5,       0.0);
     ( 479809.8, 3733202.0,     443.7,     443.7,       0.0);         ( 479859.8,
3733202.0,     443.7,     443.7,       0.0);
     ( 479909.8, 3733202.0,     442.8,     442.8,       0.0);         ( 479959.8,
3733202.0,     441.3,     441.3,       0.0);
     ( 480009.8, 3733202.0,     440.0,     440.0,       0.0);         ( 480059.8,
3733202.0,     439.1,     439.1,       0.0);
     ( 480109.8, 3733202.0,     438.6,     438.6,       0.0);         ( 480159.8,
3733202.0,     438.1,     438.1,       0.0);
     ( 480209.8, 3733202.0,     437.6,     437.6,       0.0);         ( 480259.8,
3733202.0,     437.3,     437.3,       0.0);
     ( 480309.8, 3733202.0,     437.3,     437.3,       0.0);         ( 480359.8,
3733202.0,     436.8,     436.8,       0.0);
     ( 480409.8, 3733202.0,     436.4,     436.4,       0.0);         ( 480459.8,
3733202.0,     436.5,     436.5,       0.0);
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(480709.8, 3733202.0, 434.4, 434.4, 0.0); (480759.8, 3733202.0, 433.8, 433.8, 0.0);
(480809.8, 3733202.0, 433.6, 433.6, 0.0); (480859.8, 3733202.0, 433.5, 433.5, 0.0);
(480909.8, 3733202.0, 433.4, 433.4, 0.0); (480959.8, 3733202.0, 433.2, 433.2, 0.0);
(481009.8, 3733202.0, 433.1, 433.1, 0.0); (481059.8, 3733202.0, 433.0, 433.0, 0.0);
(481109.8, 3733202.0, 433.0, 433.0, 0.0); (481159.8, 3733202.0, 433.0, 433.0, 0.0);
(481209.8, 3733202.0, 432.9, 432.9, 0.0); (481259.8, 3733202.0, 432.8, 432.8, 0.0);
(481309.8, 3733202.0, 432.7, 432.7, 0.0); (481359.8, 3733202.0, 432.7, 432.7, 0.0);
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(481509.8, 3733202.0, 433.0, 433.0, 0.0); (481559.8, 3733202.0, 433.1, 433.1, 0.0);
(481609.8, 3733202.0, 433.1, 433.1, 0.0); (481659.8, 3733202.0, 433.3, 433.3, 0.0);
(479709.8, 3733252.0, 443.0, 443.0, 0.0); (479759.8, 3733252.0, 442.7, 442.7, 0.0);
(479809.8, 3733252.0, 442.4, 442.4, 0.0); (479859.8, 3733252.0, 442.6, 442.6, 0.0);
(479909.8, 3733252.0, 441.9, 441.9, 0.0); (479959.8, 3733252.0, 440.6, 440.6, 0.0);

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(480009.8, 3733252.0, 439.5, 439.5, 0.0); (480059.8, 3733252.0, 438.6, 438.6, 0.0);
(480109.8, 3733252.0, 438.2, 438.2, 0.0); (480159.8, 3733252.0, 437.7, 437.7, 0.0);
(480209.8, 3733252.0, 437.2, 437.2, 0.0); (480259.8, 3733252.0, 436.8, 436.8, 0.0);
(480309.8, 3733252.0, 436.6, 436.6, 0.0); (480359.8, 3733252.0, 436.4, 436.4, 0.0);

```
     ( 480409.8, 3733252.0,     436.0,     436.0,       0.0);         ( 480459.8,
3733252.0,     435.9,     435.9,       0.0);
     ( 480509.8, 3733252.0,     435.6,     435.6,       0.0);         ( 480559.8,
3733252.0,     435.3,     435.3,       0.0);
     ( 480609.8, 3733252.0,     434.6,     434.6,       0.0);         ( 480659.8,
3733252.0,     434.1,     434.1,       0.0);
     ( 480709.8, 3733252.0,     433.7,     433.7,       0.0);         ( 480759.8,
3733252.0,     433.3,     433.3,       0.0);
     ( 480809.8, 3733252.0,     433.3,     433.3,       0.0);         ( 480859.8,
3733252.0,     433.2,     433.2,       0.0);
     ( 480909.8, 3733252.0,     433.1,     433.1,       0.0);         ( 480959.8,
3733252.0,     433.0,     433.0,       0.0);
     ( 481009.8, 3733252.0,     432.9,     432.9,       0.0);         ( 481059.8,
3733252.0,     432.9,     432.9,       0.0);
     ( 481109.8, 3733252.0,     432.8,     432.8,       0.0);         ( 481159.8,
3733252.0,     432.8,     432.8,       0.0);
     ( 481209.8, 3733252.0,     432.8,     432.8,       0.0);         ( 481259.8,
3733252.0,     432.8,     432.8,       0.0);
     ( 481309.8, 3733252.0,     432.7,     432.7,       0.0);         ( 481359.8,
3733252.0,     432.7,     432.7,       0.0);
     ( 481409.8, 3733252.0,     432.8,     432.8,       0.0);         ( 481459.8,
3733252.0,     432.9,     432.9,       0.0);
     ( 481509.8, 3733252.0,     432.9,     432.9,       0.0);         ( 481559.8,
3733252.0,     433.0,     433.0,       0.0);
     ( 481609.8, 3733252.0,     433.1,     433.1,       0.0);         ( 481659.8,
3733252.0,     433.3,     433.3,       0.0);
     ( 479709.8, 3733302.0,     442.0,     442.0,       0.0);         ( 479759.8,
3733302.0,     441.7,     441.7,       0.0);
     ( 479809.8, 3733302.0,     441.5,     441.5,       0.0);         ( 479859.8,
3733302.0,     441.5,     441.5,       0.0);
     ( 479909.8, 3733302.0,     440.9,     440.9,       0.0);         ( 479959.8,
3733302.0,     439.8,     439.8,       0.0);
     ( 480009.8, 3733302.0,     439.0,     439.0,       0.0);         ( 480059.8,
3733302.0,     438.1,     438.1,       0.0);
     ( 480109.8, 3733302.0,     437.6,     437.6,       0.0);         ( 480159.8,
3733302.0,     437.2,     437.2,       0.0);
     ( 480209.8, 3733302.0,     436.7,     436.7,       0.0);         ( 480259.8,
3733302.0,     436.2,     436.2,       0.0);
     ( 480309.8, 3733302.0,     435.9,     435.9,       0.0);         ( 480359.8,
3733302.0,     435.7,     435.7,       0.0);
     ( 480409.8, 3733302.0,     435.6,     435.6,       0.0);         ( 480459.8,
3733302.0,     435.4,     435.4,       0.0);
     ( 480509.8, 3733302.0,     435.1,     435.1,       0.0);         ( 480559.8,
3733302.0,     434.9,     434.9,       0.0);
     ( 480609.8, 3733302.0,     434.4,     434.4,       0.0);         ( 480659.8,
3733302.0,     433.8,     433.8,       0.0);
     ( 480709.8, 3733302.0,     433.5,     433.5,       0.0);         ( 480759.8,
3733302.0,     433.2,     433.2,       0.0);
     ( 480809.8, 3733302.0,     433.1,     433.1,       0.0);         ( 480859.8,
3733302.0,     432.9,     432.9,       0.0);
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     ( 480909.8, 3733302.0,     433.0,     433.0,       0.0);         ( 480959.8,
3733302.0,     432.8,     432.8,       0.0);
     ( 481009.8, 3733302.0,     432.8,     432.8,       0.0);         ( 481059.8,
3733302.0,     432.7,     432.7,       0.0);
     ( 481109.8, 3733302.0,     432.7,     432.7,       0.0);         ( 481159.8,
3733302.0,     432.7,     432.7,       0.0);
     ( 481209.8, 3733302.0,     432.7,     432.7,       0.0);         ( 481259.8,
3733302.0,     432.7,     432.7,       0.0);
     ( 481309.8, 3733302.0,     432.6,     432.6,       0.0);         ( 481359.8,
3733302.0,     432.6,     432.6,       0.0);
     ( 481409.8, 3733302.0,     432.7,     432.7,       0.0);         ( 481459.8,
3733302.0,     432.7,     432.7,       0.0);
     ( 481509.8, 3733302.0,     432.8,     432.8,       0.0);         ( 481559.8,
3733302.0,     432.9,     432.9,       0.0);
     ( 481609.8, 3733302.0,     433.0,     433.0,       0.0);         ( 481659.8,
3733302.0,     433.2,     433.2,       0.0);
     ( 479709.8, 3733352.0,     441.3,     441.3,       0.0);         ( 479759.8,
3733352.0,     440.7,     440.7,       0.0);
     ( 479809.8, 3733352.0,     440.6,     440.6,       0.0);         ( 479859.8,
3733352.0,     440.7,     440.7,       0.0);
     ( 479909.8, 3733352.0,     439.9,     439.9,       0.0);         ( 479959.8,
3733352.0,     439.1,     439.1,       0.0);
     ( 480009.8, 3733352.0,     438.4,     438.4,       0.0);         ( 480059.8,
3733352.0,     437.7,     437.7,       0.0);
     ( 480109.8, 3733352.0,     437.1,     437.1,       0.0);         ( 480159.8,
3733352.0,     436.6,     436.6,       0.0);
     ( 480209.8, 3733352.0,     436.2,     436.2,       0.0);         ( 480259.8,
3733352.0,     435.7,     435.7,       0.0);
     ( 480309.8, 3733352.0,     435.4,     435.4,       0.0);         ( 480359.8,
3733352.0,     435.2,     435.2,       0.0);
     ( 480409.8, 3733352.0,     435.1,     435.1,       0.0);         ( 480459.8,
3733352.0,     435.1,     435.1,       0.0);
 *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                           ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                                  *** DISCRETE CARTESIAN RECEPTORS ***
                                                 (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                              (METERS)

     ( 480509.8, 3733352.0,     434.9,     434.9,       0.0);         ( 480559.8,
3733352.0,     434.6,     434.6,       0.0);
     ( 480609.8, 3733352.0,     434.3,     434.3,       0.0);         ( 480659.8,
3733352.0,     433.9,     433.9,       0.0);
     ( 480709.8, 3733352.0,     433.5,     433.5,       0.0);         ( 480759.8,
3733352.0,     433.2,     433.2,       0.0);
```

```
     ( 480809.8, 3733352.0,     433.1,     433.1,       0.0);         ( 480859.8,
3733352.0,     432.9,     432.9,       0.0);
     ( 480909.8, 3733352.0,     432.8,     432.8,       0.0);         ( 480959.8,
3733352.0,     432.6,     432.6,       0.0);
     ( 481009.8, 3733352.0,     432.6,     432.6,       0.0);         ( 481059.8,
3733352.0,     432.6,     432.6,       0.0);
     ( 481109.8, 3733352.0,     432.5,     432.5,       0.0);         ( 481159.8,
3733352.0,     432.5,     432.5,       0.0);
     ( 481209.8, 3733352.0,     432.5,     432.5,       0.0);         ( 481259.8,
3733352.0,     432.6,     432.6,       0.0);
     ( 481309.8, 3733352.0,     432.5,     432.5,       0.0);         ( 481359.8,
3733352.0,     432.5,     432.5,       0.0);
     ( 481409.8, 3733352.0,     432.6,     432.6,       0.0);         ( 481459.8,
3733352.0,     432.7,     432.7,       0.0);
     ( 481509.8, 3733352.0,     432.8,     432.8,       0.0);         ( 481559.8,
3733352.0,     432.9,     432.9,       0.0);
     ( 481609.8, 3733352.0,     433.0,     433.0,       0.0);         ( 481659.8,
3733352.0,     433.3,     433.3,       0.0);
     ( 479709.8, 3733402.0,     440.4,     440.4,       0.0);         ( 479759.8,
3733402.0,     439.8,     439.8,       0.0);
     ( 479809.8, 3733402.0,     439.6,     439.6,       0.0);         ( 479859.8,
3733402.0,     439.6,     439.6,       0.0);
     ( 479909.8, 3733402.0,     438.9,     438.9,       0.0);         ( 479959.8,
3733402.0,     438.2,     438.2,       0.0);
     ( 480009.8, 3733402.0,     437.7,     437.7,       0.0);         ( 480059.8,
3733402.0,     437.1,     437.1,       0.0);
     ( 480109.8, 3733402.0,     436.5,     436.5,       0.0);         ( 480159.8,
3733402.0,     436.0,     436.0,       0.0);
     ( 480209.8, 3733402.0,     435.5,     435.5,       0.0);         ( 480259.8,
3733402.0,     435.1,     435.1,       0.0);
     ( 480309.8, 3733402.0,     434.7,     434.7,       0.0);         ( 480359.8,
3733402.0,     434.7,     434.7,       0.0);
     ( 480409.8, 3733402.0,     434.7,     434.7,       0.0);         ( 480459.8,
3733402.0,     434.6,     434.6,       0.0);
     ( 480509.8, 3733402.0,     434.5,     434.5,       0.0);         ( 480559.8,
3733402.0,     434.3,     434.3,       0.0);
     ( 480609.8, 3733402.0,     434.2,     434.2,       0.0);         ( 480659.8,
3733402.0,     433.9,     433.9,       0.0);
     ( 480709.8, 3733402.0,     433.5,     433.5,       0.0);         ( 480759.8,
3733402.0,     433.1,     433.1,       0.0);
     ( 480809.8, 3733402.0,     433.0,     433.0,       0.0);         ( 480859.8,
3733402.0,     433.2,     433.2,       0.0);
     ( 480909.8, 3733402.0,     432.7,     432.7,       0.0);         ( 480959.8,
3733402.0,     432.5,     432.5,       0.0);
     ( 481009.8, 3733402.0,     432.5,     432.5,       0.0);         ( 481059.8,
3733402.0,     432.5,     432.5,       0.0);
     ( 481109.8, 3733402.0,     432.4,     432.4,       0.0);         ( 481159.8,
3733402.0,     432.4,     432.4,       0.0);
     ( 481209.8, 3733402.0,     432.4,     432.4,       0.0);         ( 481259.8,
3733402.0,     432.7,     432.7,       0.0);
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     ( 481309.8, 3733402.0,     432.4,     432.4,       0.0);         ( 481359.8,
3733402.0,     432.5,     432.5,       0.0);
     ( 481409.8, 3733402.0,     432.5,     432.5,       0.0);         ( 481459.8,
3733402.0,     432.6,     432.6,       0.0);
     ( 481509.8, 3733402.0,     432.7,     432.7,       0.0);         ( 481559.8,
3733402.0,     432.9,     432.9,       0.0);
     ( 481609.8, 3733402.0,     433.1,     433.1,       0.0);         ( 481659.8,
3733402.0,     433.3,     433.3,       0.0);
     ( 479709.8, 3733452.0,     439.4,     439.4,       0.0);         ( 479759.8,
3733452.0,     438.9,     438.9,       0.0);
     ( 479809.8, 3733452.0,     438.6,     438.6,       0.0);         ( 479859.8,
3733452.0,     438.3,     438.3,       0.0);
     ( 479909.8, 3733452.0,     437.9,     437.9,       0.0);         ( 479959.8,
3733452.0,     437.4,     437.4,       0.0);
     ( 480009.8, 3733452.0,     436.9,     436.9,       0.0);         ( 480059.8,
3733452.0,     436.5,     436.5,       0.0);
     ( 480109.8, 3733452.0,     435.9,     435.9,       0.0);         ( 480159.8,
3733452.0,     435.4,     435.4,       0.0);
     ( 480209.8, 3733452.0,     434.9,     434.9,       0.0);         ( 480259.8,
3733452.0,     434.6,     434.6,       0.0);
     ( 480309.8, 3733452.0,     434.2,     434.2,       0.0);         ( 480359.8,
3733452.0,     434.2,     434.2,       0.0);
     ( 480409.8, 3733452.0,     434.3,     434.3,       0.0);         ( 480459.8,
3733452.0,     434.2,     434.2,       0.0);
     ( 480509.8, 3733452.0,     434.1,     434.1,       0.0);         ( 480559.8,
3733452.0,     433.9,     433.9,       0.0);
     ( 480609.8, 3733452.0,     433.7,     433.7,       0.0);         ( 480659.8,
3733452.0,     433.5,     433.5,       0.0);
     ( 480709.8, 3733452.0,     433.3,     433.3,       0.0);         ( 480759.8,
3733452.0,     433.1,     433.1,       0.0);
     ( 480809.8, 3733452.0,     433.0,     433.0,       0.0);         ( 480859.8,
3733452.0,     433.1,     433.1,       0.0);
     ( 480909.8, 3733452.0,     432.5,     432.5,       0.0);         ( 480959.8,
3733452.0,     432.4,     432.4,       0.0);
 *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                           ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                                  *** DISCRETE CARTESIAN RECEPTORS ***
                                                 (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                              (METERS)

     ( 481009.8, 3733452.0,     432.4,     432.4,       0.0);         ( 481059.8,
3733452.0,     432.4,     432.4,       0.0);
     ( 481109.8, 3733452.0,     432.4,     432.4,       0.0);         ( 481159.8,
3733452.0,     432.4,     432.4,       0.0);
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     ( 481209.8, 3733452.0,     432.3,     432.3,       0.0);         ( 481259.8,
3733452.0,     432.6,     432.6,       0.0);
     ( 481309.8, 3733452.0,     432.5,     432.5,       0.0);         ( 481359.8,
3733452.0,     432.5,     432.5,       0.0);
     ( 481409.8, 3733452.0,     432.5,     432.5,       0.0);         ( 481459.8,
3733452.0,     432.6,     432.6,       0.0);
     ( 481509.8, 3733452.0,     432.8,     432.8,       0.0);         ( 481559.8,
3733452.0,     432.9,     432.9,       0.0);
     ( 481609.8, 3733452.0,     433.0,     433.0,       0.0);         ( 481659.8,
3733452.0,     433.2,     433.2,       0.0);
     ( 479709.8, 3733502.0,     438.3,     438.3,       0.0);         ( 479759.8,
3733502.0,     438.0,     438.0,       0.0);
     ( 479809.8, 3733502.0,     437.7,     437.7,       0.0);         ( 479859.8,
3733502.0,     437.4,     437.4,       0.0);
     ( 479909.8, 3733502.0,     437.1,     437.1,       0.0);         ( 479959.8,
3733502.0,     436.7,     436.7,       0.0);
     ( 480009.8, 3733502.0,     436.1,     436.1,       0.0);         ( 480059.8,
3733502.0,     435.7,     435.7,       0.0);
     ( 480109.8, 3733502.0,     435.3,     435.3,       0.0);         ( 480159.8,
3733502.0,     434.7,     434.7,       0.0);
     ( 480209.8, 3733502.0,     434.3,     434.3,       0.0);         ( 480259.8,
3733502.0,     434.1,     434.1,       0.0);
     ( 480309.8, 3733502.0,     433.8,     433.8,       0.0);         ( 480359.8,
3733502.0,     433.9,     433.9,       0.0);
     ( 480409.8, 3733502.0,     434.0,     434.0,       0.0);         ( 480459.8,
3733502.0,     433.9,     433.9,       0.0);
     ( 480509.8, 3733502.0,     433.8,     433.8,       0.0);         ( 480559.8,
3733502.0,     433.6,     433.6,       0.0);
     ( 480609.8, 3733502.0,     433.5,     433.5,       0.0);         ( 480659.8,
3733502.0,     433.4,     433.4,       0.0);
     ( 480709.8, 3733502.0,     433.1,     433.1,       0.0);         ( 480759.8,
3733502.0,     433.0,     433.0,       0.0);
     ( 480809.8, 3733502.0,     432.7,     432.7,       0.0);         ( 480859.8,
3733502.0,     433.1,     433.1,       0.0);
     ( 480909.8, 3733502.0,     432.4,     432.4,       0.0);         ( 480959.8,
3733502.0,     432.3,     432.3,       0.0);
     ( 481009.8, 3733502.0,     432.4,     432.4,       0.0);         ( 481059.8,
3733502.0,     432.3,     432.3,       0.0);
     ( 481109.8, 3733502.0,     432.4,     432.4,       0.0);         ( 481159.8,
3733502.0,     432.4,     432.4,       0.0);
     ( 481209.8, 3733502.0,     432.4,     432.4,       0.0);         ( 481259.8,
3733502.0,     432.4,     432.4,       0.0);
     ( 481309.8, 3733502.0,     432.5,     432.5,       0.0);         ( 481359.8,
3733502.0,     432.6,     432.6,       0.0);
     ( 481409.8, 3733502.0,     432.6,     432.6,       0.0);         ( 481459.8,
3733502.0,     432.7,     432.7,       0.0);
     ( 481509.8, 3733502.0,     432.8,     432.8,       0.0);         ( 481559.8,
3733502.0,     432.9,     432.9,       0.0);
     ( 481609.8, 3733502.0,     433.0,     433.0,       0.0);         ( 481659.8,
3733502.0,     433.3,     433.3,       0.0);
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     ( 479709.8, 3733552.0,     437.4,     437.4,       0.0);         ( 479759.8,
3733552.0,     437.2,     437.2,       0.0);
     ( 479809.8, 3733552.0,     436.8,     436.8,       0.0);         ( 479859.8,
3733552.0,     436.5,     436.5,       0.0);
     ( 479909.8, 3733552.0,     436.4,     436.4,       0.0);         ( 479959.8,
3733552.0,     436.0,     436.0,       0.0);
     ( 480009.8, 3733552.0,     435.4,     435.4,       0.0);         ( 480059.8,
3733552.0,     434.9,     434.9,       0.0);
     ( 480109.8, 3733552.0,     434.5,     434.5,       0.0);         ( 480159.8,
3733552.0,     433.9,     433.9,       0.0);
     ( 480209.8, 3733552.0,     433.7,     433.7,       0.0);         ( 480259.8,
3733552.0,     433.6,     433.6,       0.0);
     ( 480309.8, 3733552.0,     433.5,     433.5,       0.0);         ( 480359.8,
3733552.0,     433.5,     433.5,       0.0);
     ( 480409.8, 3733552.0,     433.6,     433.6,       0.0);         ( 480459.8,
3733552.0,     433.5,     433.5,       0.0);
     ( 480509.8, 3733552.0,     433.5,     433.5,       0.0);         ( 480559.8,
3733552.0,     433.4,     433.4,       0.0);
     ( 480609.8, 3733552.0,     433.3,     433.3,       0.0);         ( 480659.8,
3733552.0,     433.1,     433.1,       0.0);
     ( 480709.8, 3733552.0,     433.1,     433.1,       0.0);         ( 480759.8,
3733552.0,     433.2,     433.2,       0.0);
     ( 480809.8, 3733552.0,     432.5,     432.5,       0.0);         ( 480859.8,
3733552.0,     432.8,     432.8,       0.0);
     ( 480909.8, 3733552.0,     432.4,     432.4,       0.0);         ( 480959.8,
3733552.0,     432.3,     432.3,       0.0);
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3733552.0,     432.3,     432.3,       0.0);
     ( 481109.8, 3733552.0,     432.3,     432.3,       0.0);         ( 481159.8,
3733552.0,     432.3,     432.3,       0.0);
     ( 481209.8, 3733552.0,     432.3,     432.3,       0.0);         ( 481259.8,
3733552.0,     432.4,     432.4,       0.0);
     ( 481309.8, 3733552.0,     432.4,     432.4,       0.0);         ( 481359.8,
3733552.0,     432.6,     432.6,       0.0);
     ( 481409.8, 3733552.0,     432.6,     432.6,       0.0);         ( 481459.8,
3733552.0,     432.7,     432.7,       0.0);
↟ *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                          ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:22:37

                                PAGE  1280
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                                 *** DISCRETE CARTESIAN RECEPTORS ***
                                               (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                          (METERS)

     ( 481509.8, 3733552.0,     433.1,     433.1,       0.0);         ( 481559.8,
3733552.0,     433.1,     433.1,       0.0);
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     ( 479709.8, 3733602.0,     436.7,     436.7,       0.0);         ( 479759.8,
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     ( 479809.8, 3733602.0,     436.2,     436.2,       0.0);         ( 479859.8,
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3733602.0,     432.8,     432.8,       0.0);
     ( 480709.8, 3733602.0,     432.6,     432.6,       0.0);         ( 480759.8,
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3733652.0,     433.7,     433.7,       0.0);
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     ( 480309.8, 3733652.0,     433.0,     433.0,       0.0);         ( 480359.8,
3733652.0,     433.1,     433.1,       0.0);
     ( 480409.8, 3733652.0,     433.0,     433.0,       0.0);         ( 480459.8,
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     ( 480509.8, 3733652.0,     433.0,     433.0,       0.0);         ( 480559.8,
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3733652.0,     432.7,     432.7,       0.0);
     ( 480709.8, 3733652.0,     432.5,     432.5,       0.0);         ( 480759.8,
3733652.0,     432.4,     432.4,       0.0);
     ( 480809.8, 3733652.0,     432.3,     432.3,       0.0);         ( 480859.8,
3733652.0,     432.3,     432.3,       0.0);
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     ( 482181.9, 3733705.6,     434.9,     434.9,       0.0);         ( 482231.9,
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 *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                          ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                         ***        17:22:37

                                  PAGE  1281
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                                  *** DISCRETE CARTESIAN RECEPTORS ***
                                                (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                             (METERS)
```

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     ( 482081.9, 3733755.6,     433.9,     433.9,       0.0);         ( 482131.9,
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     ( 482181.9, 3733805.6,     434.4,     434.4,       0.0);         ( 482231.9,
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     ( 482369.5, 3733479.8,     434.5,     434.5,       0.0);         ( 482269.5,
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     ( 482319.5, 3733529.8,     434.6,     434.6,       0.0);         ( 482369.5,
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     ( 479489.6, 3733099.5,     446.7,     683.6,       0.0);         ( 479519.6,
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     ( 479549.6, 3733099.5,     446.4,     683.6,       0.0);         ( 479489.6,
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     ( 479489.6, 3733159.5,     445.4,     683.6,       0.0);         ( 479519.6,
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     ( 479549.6, 3733159.5,     445.4,     683.6,       0.0);

 *** AERMOD - VERSION 23132  ***   *** COMPASS CONSTRUCTION
                           ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                           ***       17:22:37

                                  PAGE  1282
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                                *** METEOROLOGICAL DAYS SELECTED FOR
PROCESSING ***
```

(1=YES; 0=NO)

```
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
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1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1
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NOTE: METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON WHAT IS INCLUDED IN THE DATA FILE.

*** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED CATEGORIES ***

(METERS/SEC)

1.54, 3.09, 5.14, 8.23, 10.80,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL DATA ***

Surface file: PERI_V9_ADJU\PERI_V9.SFC
Met Version: 16216
Profile file: PERI_V9_ADJU\PERI_V9.PFL

Surface format: FREE

Profile format: FREE

Surface station no.: 3171 Upper air station no.: 3190
Name: UNKNOWN Name: UNKNOWN

Year: 2010 Year: 2010

First 24 hours of scalar data

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O LEN	Z0	BOWEN	ALBEDO	REF WS	WD	HT	REF TA	HT
10	01	01	1	01	-7.9	0.125	-9.000	-9.000	-999.	106.	21.2	0.19	0.61	1.00	1.30	335.	9.1	282.5	5.5
10	01	01	1	02	-3.9	0.088	-9.000	-9.000	-999.	62.	15.1	0.19	0.61	1.00	0.90	142.	9.1	280.9	5.5
10	01	01	1	03	-3.9	0.088	-9.000	-9.000	-999.	62.	15.1	0.19	0.61	1.00	0.90	324.	9.1	280.4	5.5
10	01	01	1	04	-1.3	0.064	-9.000	-9.000	-999.	39.	18.3	0.19	0.61	1.00	0.40	294.	9.1	278.8	5.5
10	01	01	1	05	-3.9	0.088	-9.000	-9.000	-999.	62.	15.0	0.19	0.61	1.00	0.90	205.	9.1	278.1	5.5
10	01	01	1	06	-1.3	0.065	-9.000	-9.000	-999.	39.	18.3	0.19	0.61	1.00	0.40	3.	9.1	277.0	5.5
10	01	01	1	07	-8.0	0.125	-9.000	-9.000	-999.	106.	21.0	0.19	0.61	1.00	1.30	99.	9.1	277.0	5.5
10	01	01	1	08	-3.3	0.086	-9.000	-9.000	-999.	61.	16.8	0.19	0.61	0.54	0.90	319.	9.1	278.8	5.5
10	01	01	1	09	20.1	0.128	0.307	0.010	49.	110.	-9.0	0.19	0.61	0.33	0.90	239.	9.1	284.2	5.5
10	01	01	1	10	56.7	0.087	0.560	0.010	107.	62.	-1.0	0.19	0.61	0.26	0.40	188.	9.1	289.2	5.5
10	01	01	1	11	81.5	0.323	0.867	0.008	277.	441.	-35.9	0.19	0.61	0.23	2.70	310.	9.1	290.9	5.5
10	01	01	1	12	97.1	0.281	1.058	0.008	421.	357.	-19.7	0.19	0.61	0.22	2.20	357.	9.1	293.1	5.5
10	01	01	1	13	92.2	0.279	1.117	0.008	523.	354.	-20.4	0.19	0.61	0.22	2.20	356.	9.1	293.8	5.5
10	01	01	1	14	77.6	0.275	1.102	0.008	595.	347.	-23.2	0.19	0.61	0.23	2.20	50.	9.1	294.2	5.5
10	01	01	1	15	54.9	0.230	1.006	0.008	640.	266.	-19.2	0.19	0.61	0.27	1.80	53.	9.1	293.8	5.5
10	01	01	1	16	12.3	0.206	0.613	0.008	648.	225.	-61.5	0.19	0.61	0.36	1.80	11.	9.1	292.5	5.5
10	01	01	1	17	-3.6	0.087	-9.000	-9.000	-999.	71.	15.6	0.19	0.61	0.64	0.90	351.	9.1	290.4	5.5
10	01	01	1	18	-3.8	0.087	-9.000	-9.000	-999.	62.	15.2	0.19	0.61	1.00	0.90	186.	9.1	287.5	5.5
10	01	01	1	19	-3.8	0.087	-9.000	-9.000	-999.	62.	15.2	0.19	0.61	1.00	0.90	275.	9.1	285.9	5.5
10	01	01	1	20	-1.2	0.064	-9.000	-9.000	-999.	39.	18.1	0.19	0.61	1.00	0.40	181.	9.1	285.4	5.5
10	01	01	1	21	-7.8	0.125	-9.000	-9.000	-999.	106.	21.3	0.19	0.61	1.00	1.30	318.	9.1	284.9	5.5

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 10 01 01   1 22   -3.8  0.088 -9.000 -9.000 -999.   62.     15.1  0.19   0.61
1.00    0.90  196.    9.1  283.1    5.5
 10 01 01   1 23   -3.8  0.088 -9.000 -9.000 -999.   62.     15.1  0.19   0.61
1.00    0.90  330.    9.1  281.4    5.5
 10 01 01   1 24   -7.9  0.125 -9.000 -9.000 -999.  106.     21.2  0.19   0.61
1.00    1.30  332.    9.1  280.9    5.5


 First hour of profile data
 YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
 10 01 01 01    5.5 0 -999.  -99.00   282.6   99.0  -99.00  -99.00
 10 01 01 01    9.1 1  335.    1.30  -999.0   99.0  -99.00  -99.00

 F indicates top of profile (=1) or below (=0)
```

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**************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 12.0.0
** Lakes Environmental Software Inc.
** Date: 3/8/2024
** File: C:\Lakes\AERMOD View\Compass\Ops_r\Ops_r.ADI
**
**************************************
**
**
**************************************
** AERMOD Control Pathway
**************************************
**
**
CO STARTING
   TITLEONE Compass Operations
   MODELOPT DFAULT CONC
   AVERTIME 1 PERIOD
   URBANOPT 2189641
   POLLUTID PM_10
   RUNORNOT RUN
   ERRORFIL Ops_r.err
CO FINISHED
**
**************************************
** AERMOD Source Pathway
**************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
** ------------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE01
** DESCRSRC S1 Wheat St
** PREFIX
** Length of Side = 8.70
** Configuration = Adjacent
** Emission Rate = 0.0572
** Vertical Dimension = 6.12
** SZINIT = 2.85
** Nodes = 2
** 479684.004, 3733088.876, 446.37, 3.06, 4.05
** 479683.736, 3733462.439, 439.31, 3.06, 4.05
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   LOCATION L0003098     VOLUME   479683.988 3733110.626 445.99
   LOCATION L0003099     VOLUME   479683.982 3733119.326 445.84
   LOCATION L0003100     VOLUME   479683.976 3733128.026 445.68
   LOCATION L0003101     VOLUME   479683.970 3733136.726 445.52
   LOCATION L0003102     VOLUME   479683.963 3733145.426 445.36
   LOCATION L0003103     VOLUME   479683.957 3733154.126 445.20
   LOCATION L0003104     VOLUME   479683.951 3733162.826 445.02
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   LOCATION L0003106     VOLUME   479683.939 3733180.226 444.66
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** PREFIX
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** Configuration = Adjacent
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** End of LINE VOLUME Source ID = SLINE02
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LOCATION L0003528 VOLUME 481241.636 3733682.901 431.95
LOCATION L0003529 VOLUME 481253.636 3733682.847 431.97
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LOCATION L0003531 VOLUME 481277.636 3733682.739 432.06
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   LOCATION L0003554     VOLUME   481553.633 3733681.497 432.38
   LOCATION L0003555     VOLUME   481565.633 3733681.443 432.38
   LOCATION L0003556     VOLUME   481577.633 3733681.389 432.37
   LOCATION L0003557     VOLUME   481589.633 3733681.335 432.36
   LOCATION L0003558     VOLUME   481601.633 3733681.281 432.35
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   LOCATION L0003561     VOLUME   481637.632 3733681.119 432.37
   LOCATION L0003562     VOLUME   481649.632 3733681.065 432.40
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** Nodes = 2
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   LOCATION L0003570     VOLUME   481739.824 3733679.076 432.66
   LOCATION L0003571     VOLUME   481751.823 3733679.013 432.77
   LOCATION L0003572     VOLUME   481763.823 3733678.951 432.94
   LOCATION L0003573     VOLUME   481775.823 3733678.888 433.09
   LOCATION L0003574     VOLUME   481787.823 3733678.825 433.21
   LOCATION L0003575     VOLUME   481799.823 3733678.762 433.30
   LOCATION L0003576     VOLUME   481811.823 3733678.700 433.31
   LOCATION L0003577     VOLUME   481823.822 3733678.637 433.32
   LOCATION L0003578     VOLUME   481835.822 3733678.574 433.33
   LOCATION L0003579     VOLUME   481847.822 3733678.511 433.34
   LOCATION L0003580     VOLUME   481859.822 3733678.449 433.38
   LOCATION L0003581     VOLUME   481871.822 3733678.386 433.42
   LOCATION L0003582     VOLUME   481883.822 3733678.323 433.47
   LOCATION L0003583     VOLUME   481895.821 3733678.261 433.52
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   LOCATION L0003590     VOLUME   481979.820 3733677.822 433.44
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   LOCATION L0003593     VOLUME   482015.820 3733677.633 433.55
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   LOCATION L0003601     VOLUME   482111.819 3733677.132 434.47
   LOCATION L0003602     VOLUME   482123.818 3733677.069 434.52
   LOCATION L0003603     VOLUME   482135.818 3733677.006 434.58
   LOCATION L0003604     VOLUME   482147.818 3733676.944 434.65
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** Configuration = Adjacent
** Emission Rate = 0.0226
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** Nodes = 2
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   LOCATION L0003621     VOLUME   481689.844 3733617.256 433.12
   LOCATION L0003622     VOLUME   481689.879 3733608.556 433.10
   LOCATION L0003623     VOLUME   481689.914 3733599.856 433.11
   LOCATION L0003624     VOLUME   481689.948 3733591.156 433.12
   LOCATION L0003625     VOLUME   481689.983 3733582.456 433.13
   LOCATION L0003626     VOLUME   481690.018 3733573.756 433.14
   LOCATION L0003627     VOLUME   481690.053 3733565.056 433.14
   LOCATION L0003628     VOLUME   481690.087 3733556.356 433.14
   LOCATION L0003629     VOLUME   481690.122 3733547.656 433.15
   LOCATION L0003630     VOLUME   481690.157 3733538.956 433.15
   LOCATION L0003631     VOLUME   481690.191 3733530.256 433.14
** End of LINE VOLUME Source ID = SLINE05
** ----------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE06
** DESCRSRC S1 Onsite
** PREFIX
** Length of Side = 8.70
** Configuration = Adjacent
** Emission Rate = 0.5477
** Vertical Dimension = 6.12
** SZINIT = 2.85
** Nodes = 4
** 479685.671, 3733082.167, 446.40, 0.00, 4.05
** 479481.947, 3733081.502, 446.95, 0.00, 4.05
** 479445.763, 3733071.176, 447.32, 0.00, 4.05
** 479446.963, 3733095.239, 446.67, 0.00, 4.05
** ----------------------------------------------------------------
   LOCATION L0003632     VOLUME   479681.321 3733082.153 446.52
   LOCATION L0003633     VOLUME   479672.621 3733082.125 446.61
   LOCATION L0003634     VOLUME   479663.921 3733082.096 446.70
   LOCATION L0003635     VOLUME   479655.221 3733082.068 446.79
   LOCATION L0003636     VOLUME   479646.521 3733082.039 446.88
   LOCATION L0003637     VOLUME   479637.821 3733082.011 446.97
   LOCATION L0003638     VOLUME   479629.121 3733081.983 447.02
   LOCATION L0003639     VOLUME   479620.422 3733081.954 447.04
   LOCATION L0003640     VOLUME   479611.722 3733081.926 447.06
   LOCATION L0003641     VOLUME   479603.022 3733081.897 447.03
   LOCATION L0003642     VOLUME   479594.322 3733081.869 446.98
   LOCATION L0003643     VOLUME   479585.622 3733081.841 446.92
   LOCATION L0003644     VOLUME   479576.922 3733081.812 446.86
   LOCATION L0003645     VOLUME   479568.222 3733081.784 446.79
   LOCATION L0003646     VOLUME   479559.522 3733081.756 446.73
   LOCATION L0003647     VOLUME   479550.822 3733081.727 446.76
   LOCATION L0003648     VOLUME   479542.122 3733081.699 446.83
   LOCATION L0003649     VOLUME   479533.422 3733081.670 446.90
   LOCATION L0003650     VOLUME   479524.722 3733081.642 446.96
   LOCATION L0003651     VOLUME   479516.022 3733081.614 447.01
   LOCATION L0003652     VOLUME   479507.322 3733081.585 447.06
   LOCATION L0003653     VOLUME   479498.622 3733081.557 447.06
```

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   LOCATION L0003654     VOLUME   479489.922 3733081.528 447.06
   LOCATION L0003655     VOLUME   479481.250 3733081.304 447.06
   LOCATION L0003656     VOLUME   479472.884 3733078.916 447.06
   LOCATION L0003657     VOLUME   479464.518 3733076.529 447.05
   LOCATION L0003658     VOLUME   479456.152 3733074.141 447.04
   LOCATION L0003659     VOLUME   479447.786 3733071.754 447.02
   LOCATION L0003660     VOLUME   479446.091 3733077.764 446.87
   LOCATION L0003661     VOLUME   479446.525 3733086.453 446.68
   LOCATION L0003662     VOLUME   479446.958 3733095.142 446.51
** End of LINE VOLUME Source ID = SLINE06
** ----------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE07
** DESCRSRC S2 Onsite
** PREFIX
** Length of Side = 8.70
** Configuration = Adjacent
** Emission Rate = 0.2397
** Vertical Dimension = 6.12
** SZINIT = 2.85
** Nodes = 2
** 479675.527, 3733474.212, 439.38, 3.06, 4.05
** 479511.285, 3733473.879, 439.26, 3.06, 4.05
** ----------------------------------------------------------------------
   LOCATION L0003675     VOLUME   479671.177 3733474.203 439.02
   LOCATION L0003676     VOLUME   479662.477 3733474.185 439.06
   LOCATION L0003677     VOLUME   479653.777 3733474.168 439.10
   LOCATION L0003678     VOLUME   479645.077 3733474.150 439.14
   LOCATION L0003679     VOLUME   479636.377 3733474.132 439.18
   LOCATION L0003680     VOLUME   479627.677 3733474.115 439.21
   LOCATION L0003681     VOLUME   479618.977 3733474.097 439.24
   LOCATION L0003682     VOLUME   479610.277 3733474.080 439.27
   LOCATION L0003683     VOLUME   479601.577 3733474.062 439.29
   LOCATION L0003684     VOLUME   479592.877 3733474.044 439.31
   LOCATION L0003685     VOLUME   479584.177 3733474.027 439.33
   LOCATION L0003686     VOLUME   479575.477 3733474.009 439.28
   LOCATION L0003687     VOLUME   479566.777 3733473.991 439.22
   LOCATION L0003688     VOLUME   479558.077 3733473.974 439.16
   LOCATION L0003689     VOLUME   479549.377 3733473.956 439.11
   LOCATION L0003690     VOLUME   479540.677 3733473.939 439.06
   LOCATION L0003691     VOLUME   479531.977 3733473.921 439.01
   LOCATION L0003692     VOLUME   479523.277 3733473.903 438.98
   LOCATION L0003693     VOLUME   479514.577 3733473.886 438.95
** End of LINE VOLUME Source ID = SLINE07
** ----------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE08
** DESCRSRC S3 Onsite
** PREFIX
** Length of Side = 8.70
```

```
** Configuration = Adjacent
** Emission Rate = 0.2126
** Vertical Dimension = 6.12
** SZINIT = 2.85
** Nodes = 2
** 481697.502, 3733528.246, 433.11, 3.06, 4.05
** 481843.071, 3733528.591, 433.09, 3.06, 4.05
** ----------------------------------------------------------------------
   LOCATION L0003694     VOLUME   481701.852 3733528.256 433.04
   LOCATION L0003695     VOLUME   481710.552 3733528.277 432.98
   LOCATION L0003696     VOLUME   481719.252 3733528.298 432.91
   LOCATION L0003697     VOLUME   481727.952 3733528.318 432.93
   LOCATION L0003698     VOLUME   481736.652 3733528.339 432.95
   LOCATION L0003699     VOLUME   481745.352 3733528.359 432.97
   LOCATION L0003700     VOLUME   481754.052 3733528.380 432.98
   LOCATION L0003701     VOLUME   481762.752 3733528.401 433.00
   LOCATION L0003702     VOLUME   481771.452 3733528.421 433.01
   LOCATION L0003703     VOLUME   481780.152 3733528.442 433.02
   LOCATION L0003704     VOLUME   481788.852 3733528.463 433.03
   LOCATION L0003705     VOLUME   481797.552 3733528.483 433.05
   LOCATION L0003706     VOLUME   481806.251 3733528.504 433.07
   LOCATION L0003707     VOLUME   481814.951 3733528.524 433.10
   LOCATION L0003708     VOLUME   481823.651 3733528.545 433.12
   LOCATION L0003709     VOLUME   481832.351 3733528.566 433.15
   LOCATION L0003710     VOLUME   481841.051 3733528.586 433.17
** End of LINE VOLUME Source ID = SLINE08
** ----------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE09
** DESCRSRC S1 Onsite Idle1
** PREFIX
** Length of Side = 8.70
** Configuration = Adjacent
** Emission Rate = 0.2658
** Vertical Dimension = 6.12
** SZINIT = 2.85
** Nodes = 2
** 479434.803, 3733114.194, 445.85, 3.06, 4.05
** 479434.608, 3733035.629, 447.75, 3.06, 4.05
** ----------------------------------------------------------------------
   LOCATION L0003711     VOLUME   479434.792 3733109.844 446.06
   LOCATION L0003712     VOLUME   479434.770 3733101.144 446.24
   LOCATION L0003713     VOLUME   479434.749 3733092.444 446.42
   LOCATION L0003714     VOLUME   479434.727 3733083.744 446.62
   LOCATION L0003715     VOLUME   479434.706 3733075.044 446.83
   LOCATION L0003716     VOLUME   479434.684 3733066.344 447.05
   LOCATION L0003717     VOLUME   479434.663 3733057.644 447.26
   LOCATION L0003718     VOLUME   479434.641 3733048.944 447.43
   LOCATION L0003719     VOLUME   479434.620 3733040.244 447.61
** End of LINE VOLUME Source ID = SLINE09
```

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** ----------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE10
** DESCRSRC S1 Onsite Idle2
** PREFIX
** Length of Side = 8.70
** Configuration = Adjacent
** Emission Rate = 0.2218
** Vertical Dimension = 6.12
** SZINIT = 2.85
** Nodes = 2
** 479604.224, 3733045.497, 447.76, 3.06, 4.05
** 479538.583, 3733045.262, 447.77, 3.06, 4.05
** ----------------------------------------------------------------------
   LOCATION L0003720     VOLUME   479599.874 3733045.482 447.71
   LOCATION L0003721     VOLUME   479591.174 3733045.450 447.68
   LOCATION L0003722     VOLUME   479582.474 3733045.419 447.65
   LOCATION L0003723     VOLUME   479573.774 3733045.388 447.62
   LOCATION L0003724     VOLUME   479565.075 3733045.357 447.59
   LOCATION L0003725     VOLUME   479556.375 3733045.325 447.57
   LOCATION L0003726     VOLUME   479547.675 3733045.294 447.61
   LOCATION L0003727     VOLUME   479538.975 3733045.263 447.66
** End of LINE VOLUME Source ID = SLINE10
** ----------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE11
** DESCRSRC S1 Onsite Idle3
** PREFIX
** Length of Side = 8.70
** Configuration = Adjacent
** Emission Rate = 0.0744
** Vertical Dimension = 6.12
** SZINIT = 2.85
** Nodes = 2
** 479436.094, 3733094.664, 446.50, 3.06, 4.05
** 479436.094, 3733072.668, 447.27, 3.06, 4.05
** ----------------------------------------------------------------------
   LOCATION L0003728     VOLUME   479436.094 3733090.314 446.48
   LOCATION L0003729     VOLUME   479436.094 3733081.614 446.69
   LOCATION L0003730     VOLUME   479436.094 3733072.914 446.90
** End of LINE VOLUME Source ID = SLINE11
** ----------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE12
** DESCRSRC S2 Onsite Idle
** PREFIX
** Length of Side = 8.70
** Configuration = Adjacent
** Emission Rate = 0.1914
** Vertical Dimension = 6.12
```

```
** SZINIT = 2.85
** Nodes = 2
** 479545.331, 3733455.981, 439.38, 3.06, 4.05
** 479601.955, 3733456.144, 439.59, 3.06, 4.05
** ----------------------------------------------------------------------
   LOCATION L0003731     VOLUME   479549.681 3733455.993 439.41
   LOCATION L0003732     VOLUME   479558.381 3733456.018 439.46
   LOCATION L0003733     VOLUME   479567.081 3733456.044 439.53
   LOCATION L0003734     VOLUME   479575.781 3733456.069 439.60
   LOCATION L0003735     VOLUME   479584.481 3733456.094 439.66
   LOCATION L0003736     VOLUME   479593.181 3733456.119 439.64
   LOCATION L0003737     VOLUME   479601.881 3733456.144 439.61
** End of LINE VOLUME Source ID = SLINE12
** ----------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE13
** DESCRSRC S3 Onsite Idle
** PREFIX
** Length of Side = 8.70
** Configuration = Adjacent
** Emission Rate = 0.2465
** Vertical Dimension = 6.12
** SZINIT = 2.85
** Nodes = 2
** 481769.179, 3733543.688, 432.98, 3.06, 4.05
** 481842.117, 3733544.051, 433.16, 3.06, 4.05
** ----------------------------------------------------------------------
   LOCATION L0003738     VOLUME   481773.529 3733543.710 432.99
   LOCATION L0003739     VOLUME   481782.229 3733543.753 433.00
   LOCATION L0003740     VOLUME   481790.929 3733543.796 433.02
   LOCATION L0003741     VOLUME   481799.629 3733543.839 433.04
   LOCATION L0003742     VOLUME   481808.329 3733543.883 433.07
   LOCATION L0003743     VOLUME   481817.029 3733543.926 433.10
   LOCATION L0003744     VOLUME   481825.729 3733543.969 433.13
   LOCATION L0003745     VOLUME   481834.429 3733544.013 433.16
** End of LINE VOLUME Source ID = SLINE13
   LOCATION STCK1        POINT      479441.960  3733157.330      445.090
** DESCRSRC S1Gen1
   LOCATION STCK2        POINT      479487.001  3733046.670      447.800
** DESCRSRC S1Gen2
   LOCATION STCK3        POINT      479440.935  3733009.479      448.290
** DESCRSRC S1Gen3
   LOCATION STCK4        POINT      479494.430  3733403.940      440.250
** DESCRSRC S2Gen
   LOCATION STCK5        POINT      481715.350  3733538.210      432.930
** DESCRSRC S3Gen1
   LOCATION STCK6        POINT      481726.820  3733537.790      432.920
** DESCRSRC S3Gen2
** Source Parameters **
** LINE VOLUME Source ID = SLINE01
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   SRCPARAM L0003096     0.0013302326      3.06      4.05      2.85
   SRCPARAM L0003097     0.0013302326      3.06      4.05      2.85
   SRCPARAM L0003098     0.0013302326      3.06      4.05      2.85
   SRCPARAM L0003099     0.0013302326      3.06      4.05      2.85
   SRCPARAM L0003100     0.0013302326      3.06      4.05      2.85
   SRCPARAM L0003101     0.0013302326      3.06      4.05      2.85
   SRCPARAM L0003102     0.0013302326      3.06      4.05      2.85
   SRCPARAM L0003103     0.0013302326      3.06      4.05      2.85
   SRCPARAM L0003104     0.0013302326      3.06      4.05      2.85
   SRCPARAM L0003105     0.0013302326      3.06      4.05      2.85
   SRCPARAM L0003106     0.0013302326      3.06      4.05      2.85
   SRCPARAM L0003107     0.0013302326      3.06      4.05      2.85
   SRCPARAM L0003108     0.0013302326      3.06      4.05      2.85
   SRCPARAM L0003109     0.0013302326      3.06      4.05      2.85
   SRCPARAM L0003110     0.0013302326      3.06      4.05      2.85
   SRCPARAM L0003111     0.0013302326      3.06      4.05      2.85
   SRCPARAM L0003112     0.0013302326      3.06      4.05      2.85
   SRCPARAM L0003113     0.0013302326      3.06      4.05      2.85
   SRCPARAM L0003114     0.0013302326      3.06      4.05      2.85
   SRCPARAM L0003115     0.0013302326      3.06      4.05      2.85
   SRCPARAM L0003116     0.0013302326      3.06      4.05      2.85
   SRCPARAM L0003117     0.0013302326      3.06      4.05      2.85
   SRCPARAM L0003118     0.0013302326      3.06      4.05      2.85
   SRCPARAM L0003119     0.0013302326      3.06      4.05      2.85
   SRCPARAM L0003120     0.0013302326      3.06      4.05      2.85
   SRCPARAM L0003121     0.0013302326      3.06      4.05      2.85
   SRCPARAM L0003122     0.0013302326      3.06      4.05      2.85
   SRCPARAM L0003123     0.0013302326      3.06      4.05      2.85
   SRCPARAM L0003124     0.0013302326      3.06      4.05      2.85
   SRCPARAM L0003125     0.0013302326      3.06      4.05      2.85
   SRCPARAM L0003126     0.0013302326      3.06      4.05      2.85
   SRCPARAM L0003127     0.0013302326      3.06      4.05      2.85
   SRCPARAM L0003128     0.0013302326      3.06      4.05      2.85
   SRCPARAM L0003129     0.0013302326      3.06      4.05      2.85
   SRCPARAM L0003130     0.0013302326      3.06      4.05      2.85
   SRCPARAM L0003131     0.0013302326      3.06      4.05      2.85
   SRCPARAM L0003132     0.0013302326      3.06      4.05      2.85
   SRCPARAM L0003133     0.0013302326      3.06      4.05      2.85
   SRCPARAM L0003134     0.0013302326      3.06      4.05      2.85
   SRCPARAM L0003135     0.0013302326      3.06      4.05      2.85
   SRCPARAM L0003136     0.0013302326      3.06      4.05      2.85
   SRCPARAM L0003137     0.0013302326      3.06      4.05      2.85
   SRCPARAM L0003138     0.0013302326      3.06      4.05      2.85
** ------------------------------------------------------------------
** LINE VOLUME Source ID = SLINE02
   SRCPARAM L0003139      0.001332      3.06      4.05      2.85
   SRCPARAM L0003140      0.001332      3.06      4.05      2.85
   SRCPARAM L0003141      0.001332      3.06      4.05      2.85
   SRCPARAM L0003142      0.001332      3.06      4.05      2.85
   SRCPARAM L0003143      0.001332      3.06      4.05      2.85
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   SRCPARAM L0003144      0.001332      3.06      4.05      2.85
   SRCPARAM L0003145      0.001332      3.06      4.05      2.85
   SRCPARAM L0003146      0.001332      3.06      4.05      2.85
   SRCPARAM L0003147      0.001332      3.06      4.05      2.85
   SRCPARAM L0003148      0.001332      3.06      4.05      2.85
   SRCPARAM L0003149      0.001332      3.06      4.05      2.85
   SRCPARAM L0003150      0.001332      3.06      4.05      2.85
   SRCPARAM L0003151      0.001332      3.06      4.05      2.85
   SRCPARAM L0003152      0.001332      3.06      4.05      2.85
   SRCPARAM L0003153      0.001332      3.06      4.05      2.85
   SRCPARAM L0003154      0.001332      3.06      4.05      2.85
   SRCPARAM L0003155      0.001332      3.06      4.05      2.85
   SRCPARAM L0003156      0.001332      3.06      4.05      2.85
   SRCPARAM L0003157      0.001332      3.06      4.05      2.85
   SRCPARAM L0003158      0.001332      3.06      4.05      2.85
   SRCPARAM L0003159      0.001332      3.06      4.05      2.85
   SRCPARAM L0003160      0.001332      3.06      4.05      2.85
   SRCPARAM L0003161      0.001332      3.06      4.05      2.85
   SRCPARAM L0003162      0.001332      3.06      4.05      2.85
   SRCPARAM L0003163      0.001332      3.06      4.05      2.85
** ------------------------------------------------------------------
** LINE VOLUME Source ID = SLINE03
   SRCPARAM L0003398     0.0040797619      3.06      5.58      2.85
   SRCPARAM L0003399     0.0040797619      3.06      5.58      2.85
   SRCPARAM L0003400     0.0040797619      3.06      5.58      2.85
   SRCPARAM L0003401     0.0040797619      3.06      5.58      2.85
   SRCPARAM L0003402     0.0040797619      3.06      5.58      2.85
   SRCPARAM L0003403     0.0040797619      3.06      5.58      2.85
   SRCPARAM L0003404     0.0040797619      3.06      5.58      2.85
   SRCPARAM L0003405     0.0040797619      3.06      5.58      2.85
   SRCPARAM L0003406     0.0040797619      3.06      5.58      2.85
   SRCPARAM L0003407     0.0040797619      3.06      5.58      2.85
   SRCPARAM L0003408     0.0040797619      3.06      5.58      2.85
   SRCPARAM L0003409     0.0040797619      3.06      5.58      2.85
   SRCPARAM L0003410     0.0040797619      3.06      5.58      2.85
   SRCPARAM L0003411     0.0040797619      3.06      5.58      2.85
   SRCPARAM L0003412     0.0040797619      3.06      5.58      2.85
   SRCPARAM L0003413     0.0040797619      3.06      5.58      2.85
   SRCPARAM L0003414     0.0040797619      3.06      5.58      2.85
   SRCPARAM L0003415     0.0040797619      3.06      5.58      2.85
   SRCPARAM L0003416     0.0040797619      3.06      5.58      2.85
   SRCPARAM L0003417     0.0040797619      3.06      5.58      2.85
   SRCPARAM L0003418     0.0040797619      3.06      5.58      2.85
   SRCPARAM L0003419     0.0040797619      3.06      5.58      2.85
   SRCPARAM L0003420     0.0040797619      3.06      5.58      2.85
   SRCPARAM L0003421     0.0040797619      3.06      5.58      2.85
   SRCPARAM L0003422     0.0040797619      3.06      5.58      2.85
   SRCPARAM L0003423     0.0040797619      3.06      5.58      2.85
   SRCPARAM L0003424     0.0040797619      3.06      5.58      2.85
   SRCPARAM L0003425     0.0040797619      3.06      5.58      2.85
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SRCPARAM L0003426     0.0040797619      3.06      5.58      2.85
SRCPARAM L0003427     0.0040797619      3.06      5.58      2.85
SRCPARAM L0003428     0.0040797619      3.06      5.58      2.85
SRCPARAM L0003429     0.0040797619      3.06      5.58      2.85
SRCPARAM L0003430     0.0040797619      3.06      5.58      2.85
SRCPARAM L0003431     0.0040797619      3.06      5.58      2.85
SRCPARAM L0003432     0.0040797619      3.06      5.58      2.85
SRCPARAM L0003433     0.0040797619      3.06      5.58      2.85
SRCPARAM L0003434     0.0040797619      3.06      5.58      2.85
SRCPARAM L0003435     0.0040797619      3.06      5.58      2.85
SRCPARAM L0003436     0.0040797619      3.06      5.58      2.85
SRCPARAM L0003437     0.0040797619      3.06      5.58      2.85
SRCPARAM L0003438     0.0040797619      3.06      5.58      2.85
SRCPARAM L0003439     0.0040797619      3.06      5.58      2.85
SRCPARAM L0003440     0.0040797619      3.06      5.58      2.85
SRCPARAM L0003441     0.0040797619      3.06      5.58      2.85
SRCPARAM L0003442     0.0040797619      3.06      5.58      2.85
SRCPARAM L0003443     0.0040797619      3.06      5.58      2.85
SRCPARAM L0003444     0.0040797619      3.06      5.58      2.85
SRCPARAM L0003445     0.0040797619      3.06      5.58      2.85
SRCPARAM L0003446     0.0040797619      3.06      5.58      2.85
SRCPARAM L0003447     0.0040797619      3.06      5.58      2.85
SRCPARAM L0003448     0.0040797619      3.06      5.58      2.85
SRCPARAM L0003449     0.0040797619      3.06      5.58      2.85
SRCPARAM L0003450     0.0040797619      3.06      5.58      2.85
SRCPARAM L0003451     0.0040797619      3.06      5.58      2.85
SRCPARAM L0003452     0.0040797619      3.06      5.58      2.85
SRCPARAM L0003453     0.0040797619      3.06      5.58      2.85
SRCPARAM L0003454     0.0040797619      3.06      5.58      2.85
SRCPARAM L0003455     0.0040797619      3.06      5.58      2.85
SRCPARAM L0003456     0.0040797619      3.06      5.58      2.85
SRCPARAM L0003457     0.0040797619      3.06      5.58      2.85
SRCPARAM L0003458     0.0040797619      3.06      5.58      2.85
SRCPARAM L0003459     0.0040797619      3.06      5.58      2.85
SRCPARAM L0003460     0.0040797619      3.06      5.58      2.85
SRCPARAM L0003461     0.0040797619      3.06      5.58      2.85
SRCPARAM L0003462     0.0040797619      3.06      5.58      2.85
SRCPARAM L0003463     0.0040797619      3.06      5.58      2.85
SRCPARAM L0003464     0.0040797619      3.06      5.58      2.85
SRCPARAM L0003465     0.0040797619      3.06      5.58      2.85
SRCPARAM L0003466     0.0040797619      3.06      5.58      2.85
SRCPARAM L0003467     0.0040797619      3.06      5.58      2.85
SRCPARAM L0003468     0.0040797619      3.06      5.58      2.85
SRCPARAM L0003469     0.0040797619      3.06      5.58      2.85
SRCPARAM L0003470     0.0040797619      3.06      5.58      2.85
SRCPARAM L0003471     0.0040797619      3.06      5.58      2.85
SRCPARAM L0003472     0.0040797619      3.06      5.58      2.85
SRCPARAM L0003473     0.0040797619      3.06      5.58      2.85
SRCPARAM L0003474     0.0040797619      3.06      5.58      2.85
SRCPARAM L0003475     0.0040797619      3.06      5.58      2.85
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SRCPARAM L0003476     0.0040797619      3.06      5.58      2.85
SRCPARAM L0003477     0.0040797619      3.06      5.58      2.85
SRCPARAM L0003478     0.0040797619      3.06      5.58      2.85
SRCPARAM L0003479     0.0040797619      3.06      5.58      2.85
SRCPARAM L0003480     0.0040797619      3.06      5.58      2.85
SRCPARAM L0003481     0.0040797619      3.06      5.58      2.85
SRCPARAM L0003482     0.0040797619      3.06      5.58      2.85
SRCPARAM L0003483     0.0040797619      3.06      5.58      2.85
SRCPARAM L0003484     0.0040797619      3.06      5.58      2.85
SRCPARAM L0003485     0.0040797619      3.06      5.58      2.85
SRCPARAM L0003486     0.0040797619      3.06      5.58      2.85
SRCPARAM L0003487     0.0040797619      3.06      5.58      2.85
SRCPARAM L0003488     0.0040797619      3.06      5.58      2.85
SRCPARAM L0003489     0.0040797619      3.06      5.58      2.85
SRCPARAM L0003490     0.0040797619      3.06      5.58      2.85
SRCPARAM L0003491     0.0040797619      3.06      5.58      2.85
SRCPARAM L0003492     0.0040797619      3.06      5.58      2.85
SRCPARAM L0003493     0.0040797619      3.06      5.58      2.85
SRCPARAM L0003494     0.0040797619      3.06      5.58      2.85
SRCPARAM L0003495     0.0040797619      3.06      5.58      2.85
SRCPARAM L0003496     0.0040797619      3.06      5.58      2.85
SRCPARAM L0003497     0.0040797619      3.06      5.58      2.85
SRCPARAM L0003498     0.0040797619      3.06      5.58      2.85
SRCPARAM L0003499     0.0040797619      3.06      5.58      2.85
SRCPARAM L0003500     0.0040797619      3.06      5.58      2.85
SRCPARAM L0003501     0.0040797619      3.06      5.58      2.85
SRCPARAM L0003502     0.0040797619      3.06      5.58      2.85
SRCPARAM L0003503     0.0040797619      3.06      5.58      2.85
SRCPARAM L0003504     0.0040797619      3.06      5.58      2.85
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SRCPARAM L0003506     0.0040797619      3.06      5.58      2.85
SRCPARAM L0003507     0.0040797619      3.06      5.58      2.85
SRCPARAM L0003508     0.0040797619      3.06      5.58      2.85
SRCPARAM L0003509     0.0040797619      3.06      5.58      2.85
SRCPARAM L0003510     0.0040797619      3.06      5.58      2.85
SRCPARAM L0003511     0.0040797619      3.06      5.58      2.85
SRCPARAM L0003512     0.0040797619      3.06      5.58      2.85
SRCPARAM L0003513     0.0040797619      3.06      5.58      2.85
SRCPARAM L0003514     0.0040797619      3.06      5.58      2.85
SRCPARAM L0003515     0.0040797619      3.06      5.58      2.85
SRCPARAM L0003516     0.0040797619      3.06      5.58      2.85
SRCPARAM L0003517     0.0040797619      3.06      5.58      2.85
SRCPARAM L0003518     0.0040797619      3.06      5.58      2.85
SRCPARAM L0003519     0.0040797619      3.06      5.58      2.85
SRCPARAM L0003520     0.0040797619      3.06      5.58      2.85
SRCPARAM L0003521     0.0040797619      3.06      5.58      2.85
SRCPARAM L0003522     0.0040797619      3.06      5.58      2.85
SRCPARAM L0003523     0.0040797619      3.06      5.58      2.85
SRCPARAM L0003524     0.0040797619      3.06      5.58      2.85
SRCPARAM L0003525     0.0040797619      3.06      5.58      2.85
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   SRCPARAM L0003526     0.0040797619      3.06      5.58      2.85
   SRCPARAM L0003527     0.0040797619      3.06      5.58      2.85
   SRCPARAM L0003528     0.0040797619      3.06      5.58      2.85
   SRCPARAM L0003529     0.0040797619      3.06      5.58      2.85
   SRCPARAM L0003530     0.0040797619      3.06      5.58      2.85
   SRCPARAM L0003531     0.0040797619      3.06      5.58      2.85
   SRCPARAM L0003532     0.0040797619      3.06      5.58      2.85
   SRCPARAM L0003533     0.0040797619      3.06      5.58      2.85
   SRCPARAM L0003534     0.0040797619      3.06      5.58      2.85
   SRCPARAM L0003535     0.0040797619      3.06      5.58      2.85
   SRCPARAM L0003536     0.0040797619      3.06      5.58      2.85
   SRCPARAM L0003537     0.0040797619      3.06      5.58      2.85
   SRCPARAM L0003538     0.0040797619      3.06      5.58      2.85
   SRCPARAM L0003539     0.0040797619      3.06      5.58      2.85
   SRCPARAM L0003540     0.0040797619      3.06      5.58      2.85
   SRCPARAM L0003541     0.0040797619      3.06      5.58      2.85
   SRCPARAM L0003542     0.0040797619      3.06      5.58      2.85
   SRCPARAM L0003543     0.0040797619      3.06      5.58      2.85
   SRCPARAM L0003544     0.0040797619      3.06      5.58      2.85
   SRCPARAM L0003545     0.0040797619      3.06      5.58      2.85
   SRCPARAM L0003546     0.0040797619      3.06      5.58      2.85
   SRCPARAM L0003547     0.0040797619      3.06      5.58      2.85
   SRCPARAM L0003548     0.0040797619      3.06      5.58      2.85
   SRCPARAM L0003549     0.0040797619      3.06      5.58      2.85
   SRCPARAM L0003550     0.0040797619      3.06      5.58      2.85
   SRCPARAM L0003551     0.0040797619      3.06      5.58      2.85
   SRCPARAM L0003552     0.0040797619      3.06      5.58      2.85
   SRCPARAM L0003553     0.0040797619      3.06      5.58      2.85
   SRCPARAM L0003554     0.0040797619      3.06      5.58      2.85
   SRCPARAM L0003555     0.0040797619      3.06      5.58      2.85
   SRCPARAM L0003556     0.0040797619      3.06      5.58      2.85
   SRCPARAM L0003557     0.0040797619      3.06      5.58      2.85
   SRCPARAM L0003558     0.0040797619      3.06      5.58      2.85
   SRCPARAM L0003559     0.0040797619      3.06      5.58      2.85
   SRCPARAM L0003560     0.0040797619      3.06      5.58      2.85
   SRCPARAM L0003561     0.0040797619      3.06      5.58      2.85
   SRCPARAM L0003562     0.0040797619      3.06      5.58      2.85
   SRCPARAM L0003563     0.0040797619      3.06      5.58      2.85
   SRCPARAM L0003564     0.0040797619      3.06      5.58      2.85
   SRCPARAM L0003565     0.0040797619      3.06      5.58      2.85
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** LINE VOLUME Source ID = SLINE04
   SRCPARAM L0003566     0.0041122449      3.06      5.58      2.85
   SRCPARAM L0003567     0.0041122449      3.06      5.58      2.85
   SRCPARAM L0003568     0.0041122449      3.06      5.58      2.85
   SRCPARAM L0003569     0.0041122449      3.06      5.58      2.85
   SRCPARAM L0003570     0.0041122449      3.06      5.58      2.85
   SRCPARAM L0003571     0.0041122449      3.06      5.58      2.85
   SRCPARAM L0003572     0.0041122449      3.06      5.58      2.85
   SRCPARAM L0003573     0.0041122449      3.06      5.58      2.85
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   SRCPARAM L0003574     0.0041122449      3.06      5.58      2.85
   SRCPARAM L0003575     0.0041122449      3.06      5.58      2.85
   SRCPARAM L0003576     0.0041122449      3.06      5.58      2.85
   SRCPARAM L0003577     0.0041122449      3.06      5.58      2.85
   SRCPARAM L0003578     0.0041122449      3.06      5.58      2.85
   SRCPARAM L0003579     0.0041122449      3.06      5.58      2.85
   SRCPARAM L0003580     0.0041122449      3.06      5.58      2.85
   SRCPARAM L0003581     0.0041122449      3.06      5.58      2.85
   SRCPARAM L0003582     0.0041122449      3.06      5.58      2.85
   SRCPARAM L0003583     0.0041122449      3.06      5.58      2.85
   SRCPARAM L0003584     0.0041122449      3.06      5.58      2.85
   SRCPARAM L0003585     0.0041122449      3.06      5.58      2.85
   SRCPARAM L0003586     0.0041122449      3.06      5.58      2.85
   SRCPARAM L0003587     0.0041122449      3.06      5.58      2.85
   SRCPARAM L0003588     0.0041122449      3.06      5.58      2.85
   SRCPARAM L0003589     0.0041122449      3.06      5.58      2.85
   SRCPARAM L0003590     0.0041122449      3.06      5.58      2.85
   SRCPARAM L0003591     0.0041122449      3.06      5.58      2.85
   SRCPARAM L0003592     0.0041122449      3.06      5.58      2.85
   SRCPARAM L0003593     0.0041122449      3.06      5.58      2.85
   SRCPARAM L0003594     0.0041122449      3.06      5.58      2.85
   SRCPARAM L0003595     0.0041122449      3.06      5.58      2.85
   SRCPARAM L0003596     0.0041122449      3.06      5.58      2.85
   SRCPARAM L0003597     0.0041122449      3.06      5.58      2.85
   SRCPARAM L0003598     0.0041122449      3.06      5.58      2.85
   SRCPARAM L0003599     0.0041122449      3.06      5.58      2.85
   SRCPARAM L0003600     0.0041122449      3.06      5.58      2.85
   SRCPARAM L0003601     0.0041122449      3.06      5.58      2.85
   SRCPARAM L0003602     0.0041122449      3.06      5.58      2.85
   SRCPARAM L0003603     0.0041122449      3.06      5.58      2.85
   SRCPARAM L0003604     0.0041122449      3.06      5.58      2.85
   SRCPARAM L0003605     0.0041122449      3.06      5.58      2.85
   SRCPARAM L0003606     0.0041122449      3.06      5.58      2.85
   SRCPARAM L0003607     0.0041122449      3.06      5.58      2.85
   SRCPARAM L0003608     0.0041122449      3.06      5.58      2.85
   SRCPARAM L0003609     0.0041122449      3.06      5.58      2.85
   SRCPARAM L0003610     0.0041122449      3.06      5.58      2.85
   SRCPARAM L0003611     0.0041122449      3.06      5.58      2.85
   SRCPARAM L0003612     0.0041122449      3.06      5.58      2.85
   SRCPARAM L0003613     0.0041122449      3.06      5.58      2.85
   SRCPARAM L0003614     0.0041122449      3.06      5.58      2.85
** ------------------------------------------------------------------
** LINE VOLUME Source ID = SLINE05
   SRCPARAM L0003615     0.0013294118      3.06      4.05      2.85
   SRCPARAM L0003616     0.0013294118      3.06      4.05      2.85
   SRCPARAM L0003617     0.0013294118      3.06      4.05      2.85
   SRCPARAM L0003618     0.0013294118      3.06      4.05      2.85
   SRCPARAM L0003619     0.0013294118      3.06      4.05      2.85
   SRCPARAM L0003620     0.0013294118      3.06      4.05      2.85
   SRCPARAM L0003621     0.0013294118      3.06      4.05      2.85
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   SRCPARAM L0003622     0.0013294118      3.06      4.05      2.85
   SRCPARAM L0003623     0.0013294118      3.06      4.05      2.85
   SRCPARAM L0003624     0.0013294118      3.06      4.05      2.85
   SRCPARAM L0003625     0.0013294118      3.06      4.05      2.85
   SRCPARAM L0003626     0.0013294118      3.06      4.05      2.85
   SRCPARAM L0003627     0.0013294118      3.06      4.05      2.85
   SRCPARAM L0003628     0.0013294118      3.06      4.05      2.85
   SRCPARAM L0003629     0.0013294118      3.06      4.05      2.85
   SRCPARAM L0003630     0.0013294118      3.06      4.05      2.85
   SRCPARAM L0003631     0.0013294118      3.06      4.05      2.85
** ------------------------------------------------------------------
** LINE VOLUME Source ID = SLINE06
   SRCPARAM L0003632     0.0176677419      0.00      4.05      2.85
   SRCPARAM L0003633     0.0176677419      0.00      4.05      2.85
   SRCPARAM L0003634     0.0176677419      0.00      4.05      2.85
   SRCPARAM L0003635     0.0176677419      0.00      4.05      2.85
   SRCPARAM L0003636     0.0176677419      0.00      4.05      2.85
   SRCPARAM L0003637     0.0176677419      0.00      4.05      2.85
   SRCPARAM L0003638     0.0176677419      0.00      4.05      2.85
   SRCPARAM L0003639     0.0176677419      0.00      4.05      2.85
   SRCPARAM L0003640     0.0176677419      0.00      4.05      2.85
   SRCPARAM L0003641     0.0176677419      0.00      4.05      2.85
   SRCPARAM L0003642     0.0176677419      0.00      4.05      2.85
   SRCPARAM L0003643     0.0176677419      0.00      4.05      2.85
   SRCPARAM L0003644     0.0176677419      0.00      4.05      2.85
   SRCPARAM L0003645     0.0176677419      0.00      4.05      2.85
   SRCPARAM L0003646     0.0176677419      0.00      4.05      2.85
   SRCPARAM L0003647     0.0176677419      0.00      4.05      2.85
   SRCPARAM L0003648     0.0176677419      0.00      4.05      2.85
   SRCPARAM L0003649     0.0176677419      0.00      4.05      2.85
   SRCPARAM L0003650     0.0176677419      0.00      4.05      2.85
   SRCPARAM L0003651     0.0176677419      0.00      4.05      2.85
   SRCPARAM L0003652     0.0176677419      0.00      4.05      2.85
   SRCPARAM L0003653     0.0176677419      0.00      4.05      2.85
   SRCPARAM L0003654     0.0176677419      0.00      4.05      2.85
   SRCPARAM L0003655     0.0176677419      0.00      4.05      2.85
   SRCPARAM L0003656     0.0176677419      0.00      4.05      2.85
   SRCPARAM L0003657     0.0176677419      0.00      4.05      2.85
   SRCPARAM L0003658     0.0176677419      0.00      4.05      2.85
   SRCPARAM L0003659     0.0176677419      0.00      4.05      2.85
   SRCPARAM L0003660     0.0176677419      0.00      4.05      2.85
   SRCPARAM L0003661     0.0176677419      0.00      4.05      2.85
   SRCPARAM L0003662     0.0176677419      0.00      4.05      2.85
** ------------------------------------------------------------------
** LINE VOLUME Source ID = SLINE07
   SRCPARAM L0003675     0.0126157895      3.06      4.05      2.85
   SRCPARAM L0003676     0.0126157895      3.06      4.05      2.85
   SRCPARAM L0003677     0.0126157895      3.06      4.05      2.85
   SRCPARAM L0003678     0.0126157895      3.06      4.05      2.85
   SRCPARAM L0003679     0.0126157895      3.06      4.05      2.85
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   SRCPARAM L0003680     0.0126157895      3.06      4.05      2.85
   SRCPARAM L0003681     0.0126157895      3.06      4.05      2.85
   SRCPARAM L0003682     0.0126157895      3.06      4.05      2.85
   SRCPARAM L0003683     0.0126157895      3.06      4.05      2.85
   SRCPARAM L0003684     0.0126157895      3.06      4.05      2.85
   SRCPARAM L0003685     0.0126157895      3.06      4.05      2.85
   SRCPARAM L0003686     0.0126157895      3.06      4.05      2.85
   SRCPARAM L0003687     0.0126157895      3.06      4.05      2.85
   SRCPARAM L0003688     0.0126157895      3.06      4.05      2.85
   SRCPARAM L0003689     0.0126157895      3.06      4.05      2.85
   SRCPARAM L0003690     0.0126157895      3.06      4.05      2.85
   SRCPARAM L0003691     0.0126157895      3.06      4.05      2.85
   SRCPARAM L0003692     0.0126157895      3.06      4.05      2.85
   SRCPARAM L0003693     0.0126157895      3.06      4.05      2.85
** ----------------------------------------------------------------
** LINE VOLUME Source ID = SLINE08
   SRCPARAM L0003694     0.0125058824      3.06      4.05      2.85
   SRCPARAM L0003695     0.0125058824      3.06      4.05      2.85
   SRCPARAM L0003696     0.0125058824      3.06      4.05      2.85
   SRCPARAM L0003697     0.0125058824      3.06      4.05      2.85
   SRCPARAM L0003698     0.0125058824      3.06      4.05      2.85
   SRCPARAM L0003699     0.0125058824      3.06      4.05      2.85
   SRCPARAM L0003700     0.0125058824      3.06      4.05      2.85
   SRCPARAM L0003701     0.0125058824      3.06      4.05      2.85
   SRCPARAM L0003702     0.0125058824      3.06      4.05      2.85
   SRCPARAM L0003703     0.0125058824      3.06      4.05      2.85
   SRCPARAM L0003704     0.0125058824      3.06      4.05      2.85
   SRCPARAM L0003705     0.0125058824      3.06      4.05      2.85
   SRCPARAM L0003706     0.0125058824      3.06      4.05      2.85
   SRCPARAM L0003707     0.0125058824      3.06      4.05      2.85
   SRCPARAM L0003708     0.0125058824      3.06      4.05      2.85
   SRCPARAM L0003709     0.0125058824      3.06      4.05      2.85
   SRCPARAM L0003710     0.0125058824      3.06      4.05      2.85
** ----------------------------------------------------------------
** LINE VOLUME Source ID = SLINE09
   SRCPARAM L0003711     0.0295333333      3.06      4.05      2.85
   SRCPARAM L0003712     0.0295333333      3.06      4.05      2.85
   SRCPARAM L0003713     0.0295333333      3.06      4.05      2.85
   SRCPARAM L0003714     0.0295333333      3.06      4.05      2.85
   SRCPARAM L0003715     0.0295333333      3.06      4.05      2.85
   SRCPARAM L0003716     0.0295333333      3.06      4.05      2.85
   SRCPARAM L0003717     0.0295333333      3.06      4.05      2.85
   SRCPARAM L0003718     0.0295333333      3.06      4.05      2.85
   SRCPARAM L0003719     0.0295333333      3.06      4.05      2.85
** ----------------------------------------------------------------
** LINE VOLUME Source ID = SLINE10
   SRCPARAM L0003720      0.027725      3.06      4.05      2.85
   SRCPARAM L0003721      0.027725      3.06      4.05      2.85
   SRCPARAM L0003722      0.027725      3.06      4.05      2.85
   SRCPARAM L0003723      0.027725      3.06      4.05      2.85
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   SRCPARAM L0003724      0.027725      3.06      4.05      2.85
   SRCPARAM L0003725      0.027725      3.06      4.05      2.85
   SRCPARAM L0003726      0.027725      3.06      4.05      2.85
   SRCPARAM L0003727      0.027725      3.06      4.05      2.85
** ------------------------------------------------------------------
** LINE VOLUME Source ID = SLINE11
   SRCPARAM L0003728        0.0248      3.06      4.05      2.85
   SRCPARAM L0003729        0.0248      3.06      4.05      2.85
   SRCPARAM L0003730        0.0248      3.06      4.05      2.85
** ------------------------------------------------------------------
** LINE VOLUME Source ID = SLINE12
   SRCPARAM L0003731     0.0273428571      3.06      4.05      2.85
   SRCPARAM L0003732     0.0273428571      3.06      4.05      2.85
   SRCPARAM L0003733     0.0273428571      3.06      4.05      2.85
   SRCPARAM L0003734     0.0273428571      3.06      4.05      2.85
   SRCPARAM L0003735     0.0273428571      3.06      4.05      2.85
   SRCPARAM L0003736     0.0273428571      3.06      4.05      2.85
   SRCPARAM L0003737     0.0273428571      3.06      4.05      2.85
** ------------------------------------------------------------------
** LINE VOLUME Source ID = SLINE13
   SRCPARAM L0003738     0.0308125      3.06      4.05      2.85
   SRCPARAM L0003739     0.0308125      3.06      4.05      2.85
   SRCPARAM L0003740     0.0308125      3.06      4.05      2.85
   SRCPARAM L0003741     0.0308125      3.06      4.05      2.85
   SRCPARAM L0003742     0.0308125      3.06      4.05      2.85
   SRCPARAM L0003743     0.0308125      3.06      4.05      2.85
   SRCPARAM L0003744     0.0308125      3.06      4.05      2.85
   SRCPARAM L0003745     0.0308125      3.06      4.05      2.85
** ------------------------------------------------------------------
   SRCPARAM STCK1             0.33     5.000   763.850   224.391     0.229
   SRCPARAM STCK2             0.33     5.000   763.850   224.391     0.229
   SRCPARAM STCK3             0.33     5.000   763.850   224.391     0.229
   SRCPARAM STCK4              1.0     5.000   763.850   224.391     0.229
   SRCPARAM STCK5              0.5     5.000   763.850   224.391     0.229
   SRCPARAM STCK6              0.5     5.000   763.850   224.391     0.229

** Building Downwash **
   BUILDHGT STCK1          16.00    16.00    16.00    16.00    16.00    16.00
   BUILDHGT STCK1          16.00    16.00    16.00    16.00    16.00    16.00
   BUILDHGT STCK1          16.00    16.00    16.00    16.00    16.00    16.00
   BUILDHGT STCK1          16.00    16.00    16.00    16.00    16.00    16.00
   BUILDHGT STCK1          16.00    16.00    16.00    16.00    16.00    16.00
   BUILDHGT STCK1          16.00    16.00    16.00    16.00    16.00    16.00

   BUILDHGT STCK2          16.00    16.00    16.00    16.00    16.00    16.00
   BUILDHGT STCK2          16.00    16.00    16.00    16.00    16.00    16.00
   BUILDHGT STCK2          16.00    16.00    16.00    16.00    16.00    16.00
   BUILDHGT STCK2          16.00    16.00    16.00    16.00    16.00    16.00
   BUILDHGT STCK2          16.00    16.00    16.00    16.00    16.00    16.00
   BUILDHGT STCK2          16.00    16.00    16.00    16.00    16.00    16.00
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BUILDHGT STCK3	16.00	16.00	16.00	16.00	16.00	16.00
BUILDHGT STCK3	16.00	16.00	16.00	16.00	16.00	16.00
BUILDHGT STCK3	16.00	16.00	16.00	16.00	16.00	16.00
BUILDHGT STCK3	16.00	16.00	16.00	16.00	16.00	16.00
BUILDHGT STCK3	16.00	16.00	16.00	16.00	16.00	16.00
BUILDHGT STCK3	16.00	16.00	16.00	16.00	16.00	16.00
BUILDHGT STCK4	16.00	16.00	16.00	16.00	16.00	16.00
BUILDHGT STCK4	16.00	16.00	16.00	16.00	16.00	16.00
BUILDHGT STCK4	16.00	16.00	16.00	16.00	16.00	16.00
BUILDHGT STCK4	16.00	16.00	16.00	16.00	16.00	16.00
BUILDHGT STCK4	16.00	16.00	16.00	16.00	16.00	16.00
BUILDHGT STCK4	16.00	16.00	16.00	16.00	16.00	16.00
BUILDHGT STCK5	16.00	16.00	16.00	16.00	16.00	16.00
BUILDHGT STCK5	16.00	16.00	16.00	16.00	16.00	16.00
BUILDHGT STCK5	16.00	16.00	16.00	16.00	16.00	16.00
BUILDHGT STCK5	16.00	16.00	16.00	16.00	16.00	16.00
BUILDHGT STCK5	16.00	16.00	16.00	16.00	16.00	16.00
BUILDHGT STCK5	16.00	16.00	16.00	16.00	16.00	16.00
BUILDHGT STCK6	16.00	16.00	16.00	16.00	16.00	16.00
BUILDHGT STCK6	16.00	16.00	16.00	16.00	16.00	16.00
BUILDHGT STCK6	16.00	16.00	16.00	16.00	16.00	16.00
BUILDHGT STCK6	16.00	16.00	16.00	16.00	16.00	16.00
BUILDHGT STCK6	16.00	16.00	16.00	16.00	16.00	16.00
BUILDHGT STCK6	16.00	16.00	16.00	16.00	16.00	16.00
BUILDWID STCK1	128.13	150.64	168.58	181.39	188.69	190.25
BUILDWID STCK1	186.04	176.17	161.18	172.66	179.06	180.02
BUILDWID STCK1	175.51	165.67	153.65	140.89	123.86	103.34
BUILDWID STCK1	128.13	150.64	168.58	181.39	188.69	190.25
BUILDWID STCK1	186.04	176.17	161.18	172.66	179.06	180.02
BUILDWID STCK1	175.51	165.67	153.65	140.89	123.86	103.34
BUILDWID STCK2	167.54	170.45	168.19	160.81	148.54	131.77
BUILDWID STCK2	110.99	86.83	60.08	86.25	110.16	130.72
BUILDWID STCK2	147.31	159.42	166.69	168.90	165.97	159.54
BUILDWID STCK2	167.54	170.45	168.19	160.81	148.54	131.77
BUILDWID STCK2	110.98	86.83	60.08	86.25	110.16	130.72
BUILDWID STCK2	147.31	159.42	166.69	168.90	165.97	159.54
BUILDWID STCK3	128.13	150.64	168.58	181.39	148.54	190.25
BUILDWID STCK3	186.04	176.17	161.18	172.66	110.16	180.02
BUILDWID STCK3	175.51	165.67	153.65	140.89	123.86	103.34
BUILDWID STCK3	128.13	150.64	168.58	181.39	148.54	131.77
BUILDWID STCK3	110.98	86.83	60.08	86.25	110.16	180.02
BUILDWID STCK3	175.51	165.67	153.65	140.89	123.86	103.34

BUILDWID STCK4	168.75	172.15	170.32	163.31	151.35	134.78
BUILDWID STCK4	114.12	89.99	63.18	82.83	107.28	128.48
BUILDWID STCK4	145.78	158.64	166.69	169.67	167.49	160.32
BUILDWID STCK4	168.75	172.15	170.32	163.31	151.35	134.78
BUILDWID STCK4	114.12	89.99	63.18	82.83	107.28	128.48
BUILDWID STCK4	145.78	158.64	166.69	169.67	167.49	160.32
BUILDWID STCK5	147.08	152.91	154.09	150.59	142.52	130.11
BUILDWID STCK5	113.75	93.94	85.33	106.03	123.83	137.86
BUILDWID STCK5	147.71	154.86	157.76	155.86	149.23	138.38
BUILDWID STCK5	147.08	152.91	154.09	150.59	142.52	130.11
BUILDWID STCK5	113.75	93.94	85.33	106.03	123.83	137.86
BUILDWID STCK5	147.71	154.86	157.76	155.86	149.23	138.38
BUILDWID STCK6	147.08	152.91	154.09	150.59	142.52	130.11
BUILDWID STCK6	113.75	93.94	85.33	106.03	123.83	137.86
BUILDWID STCK6	147.71	154.86	157.76	155.86	149.23	138.38
BUILDWID STCK6	147.08	152.91	154.09	150.59	142.52	130.11
BUILDWID STCK6	113.75	93.94	85.33	106.03	123.83	137.86
BUILDWID STCK6	147.71	154.86	157.76	155.86	149.23	138.38
BUILDLEN STCK1	172.66	179.06	180.02	175.51	165.67	153.65
BUILDLEN STCK1	140.89	123.86	103.34	128.13	150.64	168.58
BUILDLEN STCK1	181.39	188.69	190.25	186.04	176.17	161.18
BUILDLEN STCK1	172.66	179.06	180.02	175.51	165.67	153.65
BUILDLEN STCK1	140.89	123.86	103.34	128.13	150.64	168.58
BUILDLEN STCK1	181.39	188.69	190.25	186.04	176.17	161.18
BUILDLEN STCK2	86.25	110.16	130.72	147.31	159.42	166.69
BUILDLEN STCK2	168.90	165.97	159.54	167.54	170.45	168.19
BUILDLEN STCK2	160.81	148.54	131.77	110.98	86.83	60.08
BUILDLEN STCK2	86.25	110.16	130.72	147.31	159.42	166.69
BUILDLEN STCK2	168.90	165.97	159.54	167.54	170.45	168.19
BUILDLEN STCK2	160.81	148.54	131.77	110.98	86.83	60.08
BUILDLEN STCK3	172.66	179.06	180.02	175.51	159.42	153.65
BUILDLEN STCK3	140.89	123.86	103.34	128.13	170.45	168.58
BUILDLEN STCK3	181.39	188.69	190.25	186.04	176.17	161.18
BUILDLEN STCK3	172.66	179.06	180.02	175.51	159.42	166.69
BUILDLEN STCK3	168.90	165.97	159.54	167.54	170.45	168.58
BUILDLEN STCK3	181.39	188.69	190.25	186.04	176.17	161.18
BUILDLEN STCK4	82.83	107.28	128.48	145.78	158.64	166.69
BUILDLEN STCK4	169.67	167.49	160.32	168.75	172.15	170.32
BUILDLEN STCK4	163.31	151.35	134.78	114.12	89.99	63.18
BUILDLEN STCK4	82.83	107.28	128.48	145.78	158.64	166.69
BUILDLEN STCK4	169.67	167.49	160.32	168.75	172.15	170.32
BUILDLEN STCK4	163.31	151.35	134.78	114.12	89.99	63.18
BUILDLEN STCK5	106.03	123.83	137.86	147.71	154.86	157.76

BUILDLEN	STCK5	155.86	149.23	138.38	147.08	152.91	154.09
BUILDLEN	STCK5	150.59	142.52	130.11	113.75	93.94	85.33
BUILDLEN	STCK5	106.03	123.83	137.86	147.71	154.86	157.76
BUILDLEN	STCK5	155.86	149.23	138.38	147.08	152.91	154.09
BUILDLEN	STCK5	150.59	142.52	130.11	113.75	93.94	85.33
BUILDLEN	STCK6	106.03	123.83	137.86	147.71	154.86	157.76
BUILDLEN	STCK6	155.86	149.23	138.38	147.08	152.91	154.09
BUILDLEN	STCK6	150.59	142.52	130.11	113.75	93.94	85.33
BUILDLEN	STCK6	106.03	123.83	137.86	147.71	154.86	157.76
BUILDLEN	STCK6	155.86	149.23	138.38	147.08	152.91	154.09
BUILDLEN	STCK6	150.59	142.52	130.11	113.75	93.94	85.33
XBADJ	STCK1	-170.99	-177.86	-179.33	-175.35	-166.05	-154.55
XBADJ	STCK1	-142.29	-125.71	-105.59	-104.31	-99.86	-92.37
XBADJ	STCK1	-82.08	-69.30	-54.41	-37.86	-20.17	-2.09
XBADJ	STCK1	-1.67	-1.19	-0.68	-0.15	0.38	0.90
XBADJ	STCK1	1.40	1.85	2.25	-23.82	-50.78	-76.20
XBADJ	STCK1	-99.30	-119.39	-135.85	-148.18	-156.00	-159.09
XBADJ	STCK2	-54.06	-51.17	-46.73	-40.87	-33.76	-25.63
XBADJ	STCK2	-16.72	-7.30	2.19	1.33	0.43	-0.49
XBADJ	STCK2	-1.39	-2.25	-3.04	-3.73	-4.32	-4.77
XBADJ	STCK2	-32.19	-58.98	-83.99	-106.44	-125.66	-141.06
XBADJ	STCK2	-152.18	-158.67	-161.73	-168.87	-170.88	-167.70
XBADJ	STCK2	-159.42	-146.30	-128.73	-107.25	-82.51	-55.31
XBADJ	STCK3	-25.21	-38.58	-50.78	-61.43	25.44	-79.73
XBADJ	STCK3	-90.76	-99.02	-104.56	-128.97	31.00	-165.41
XBADJ	STCK3	-176.33	-181.89	-181.93	-176.44	-165.59	-149.94
XBADJ	STCK3	-147.45	-140.48	-129.24	-114.08	-184.86	-199.56
XBADJ	STCK3	-208.19	-210.50	-207.80	-207.78	-201.45	-3.17
XBADJ	STCK3	-5.06	-6.79	-8.32	-9.59	-10.58	-11.24
XBADJ	STCK4	-2.08	-1.57	-1.02	-0.43	0.17	0.77
XBADJ	STCK4	1.34	1.87	2.35	-8.06	-18.33	-28.03
XBADJ	STCK4	-36.89	-44.63	-51.00	-55.83	-58.97	-60.36
XBADJ	STCK4	-80.74	-105.71	-127.47	-145.35	-158.82	-167.46
XBADJ	STCK4	-171.01	-169.37	-162.67	-160.69	-153.82	-142.29
XBADJ	STCK4	-126.43	-106.72	-83.78	-58.29	-31.02	-2.82
XBADJ	STCK5	-0.16	-0.97	-1.75	-2.48	-3.14	-3.70
XBADJ	STCK5	-4.14	-4.46	-4.65	-17.94	-32.28	-45.64
XBADJ	STCK5	-57.61	-67.83	-75.99	-81.85	-85.21	-85.99
XBADJ	STCK5	-105.87	-122.86	-136.11	-145.22	-151.72	-154.06
XBADJ	STCK5	-151.72	-144.76	-133.73	-129.14	-120.63	-108.45
XBADJ	STCK5	-92.98	-74.68	-54.12	-31.91	-8.73	0.66
XBADJ	STCK6	-1.74	-4.50	-7.12	-9.53	-11.65	-13.42
XBADJ	STCK6	-14.78	-15.69	-16.12	-29.30	-43.20	-55.78

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   XBADJ    STCK6          -66.67   -75.53   -82.09   -86.16   -87.62   -86.41
   XBADJ    STCK6         -104.29  -119.33  -130.74  -138.17  -143.21  -144.34
   XBADJ    STCK6         -141.08  -133.54  -122.26  -117.77  -109.71   -98.31
   XBADJ    STCK6          -83.92   -66.99   -48.02   -27.59    -6.32     1.08

   YBADJ    STCK1           40.24    24.54     8.09    -8.61   -25.05   -40.72
   YBADJ    STCK1          -55.16   -67.92   -78.50   -84.66   -88.33   -89.32
   YBADJ    STCK1          -87.60   -83.21   -77.73   -71.85   -63.78   -53.92
   YBADJ    STCK1          -40.24   -24.54    -8.09     8.61    25.05    40.72
   YBADJ    STCK1           55.16    67.92    78.50    84.66    88.33    89.32
   YBADJ    STCK1           87.60    83.21    77.73    71.85    63.78    53.92

   YBADJ    STCK2          -85.10   -85.65   -83.60   -79.02   -72.03   -62.85
   YBADJ    STCK2          -51.76   -39.10   -25.27   -10.94     3.90    18.63
   YBADJ    STCK2           32.79    45.95    57.72    67.73    75.68    81.96
   YBADJ    STCK2           85.10    85.65    83.60    79.02    72.03    62.85
   YBADJ    STCK2           51.76    39.10    25.27    10.94    -3.90   -18.63
   YBADJ    STCK2          -32.79   -45.95   -57.72   -67.73   -75.68   -81.96

   YBADJ    STCK3           64.90    74.14    81.12    85.64   -73.15    86.81
   YBADJ    STCK3           83.42    77.51    69.35    61.12    54.61    39.23
   YBADJ    STCK3           26.32    12.61    -2.91   -20.31   -37.09   -52.89
   YBADJ    STCK3          -64.90   -74.14   -81.12   -85.64    73.15    53.67
   YBADJ    STCK3           32.57    10.47   -11.92   -33.69   -54.61   -39.23
   YBADJ    STCK3          -26.32   -12.61     2.91    20.31    37.09    52.89

   YBADJ    STCK4          -76.31   -67.75   -57.13   -44.77   -31.05   -16.39
   YBADJ    STCK4           -1.23    13.97    28.77    39.33    52.07    63.23
   YBADJ    STCK4           72.46    79.50    84.11    86.18    85.62    82.51
   YBADJ    STCK4           76.31    67.75    57.13    44.77    31.05    16.39
   YBADJ    STCK4            1.23   -13.97   -28.77   -39.33   -52.07   -63.23
   YBADJ    STCK4          -72.46   -79.50   -84.11   -86.18   -85.62   -82.51

   YBADJ    STCK5          -55.60   -44.18   -31.41   -17.69    -3.43    10.94
   YBADJ    STCK5           24.97    38.24    43.33    52.86    60.94    67.18
   YBADJ    STCK5           71.37    74.29    75.18    73.79    70.15    64.54
   YBADJ    STCK5           55.60    44.18    31.41    17.69     3.43   -10.94
   YBADJ    STCK5          -24.97   -38.24   -43.33   -52.86   -60.94   -67.18
   YBADJ    STCK5          -71.37   -74.29   -75.18   -73.79   -70.15   -64.54

   YBADJ    STCK6          -44.23   -33.26   -21.27    -8.63     4.27    17.04
   YBADJ    STCK6           29.29    40.65    43.74    51.28    57.41    61.81
   YBADJ    STCK6           64.32    65.78    65.46    63.15    58.93    53.07
   YBADJ    STCK6           44.23    33.26    21.27     8.63    -4.27   -17.04
   YBADJ    STCK6          -29.29   -40.65   -43.74   -51.28   -57.41   -61.81
   YBADJ    STCK6          -64.32   -65.78   -65.46   -63.15   -58.93   -53.07

   URBANSRC ALL

** Variable Emissions Type: "By Hour / Seven Days (HRDOW7)"
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** Variable Emission Scenario: "Scenario 1"
   EMISFACT STCK1        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK1        HRDOW7 0.0 0.0 0.0 0.0 0.0 1.0 0.0 0.0
   EMISFACT STCK1        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK1        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK1        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK1        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK1        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK1        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK1        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK1        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK1        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK1        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK1        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK1        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK1        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK1        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK1        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK1        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK1        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK1        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK1        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK2        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK2        HRDOW7 0.0 0.0 0.0 0.0 0.0 1.0 0.0 0.0
   EMISFACT STCK2        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK2        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK2        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK2        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK2        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK2        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT STCK2        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK2        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK2        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT STCK2        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK2        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK2        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK2        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK2        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK3        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK3        HRDOW7 0.0 0.0 0.0 0.0 0.0 1.0 0.0 0.0
   EMISFACT STCK3        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK3        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK3        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK3        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK3        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT STCK3        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT STCK3        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT STCK3        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT STCK3        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT STCK3        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT STCK3        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT STCK4        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT STCK4        HRDOW7 0.0 0.0 0.0 0.0 0.0 1.0 0.0 0.0
EMISFACT STCK4        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT STCK4        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT STCK5        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT STCK5        HRDOW7 0.0 0.0 0.0 0.0 0.0 1.0 0.0 0.0
EMISFACT STCK5        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT STCK5        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT STCK5        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT STCK5        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT STCK5        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT STCK5        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT STCK5        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT STCK5        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT STCK6        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT STCK6        HRDOW7 0.0 0.0 0.0 0.0 0.0 1.0 0.0 0.0
EMISFACT STCK6        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT STCK6        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT STCK6        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT STCK6        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT STCK6        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT STCK6        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT STCK6        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT STCK6        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
SRCGROUP Road     L0003096 L0003097 L0003098 L0003099 L0003100 L0003101
SRCGROUP Road     L0003102 L0003103 L0003104 L0003105 L0003106 L0003107
SRCGROUP Road     L0003108 L0003109 L0003110 L0003111 L0003112 L0003113
SRCGROUP Road     L0003114 L0003115 L0003116 L0003117 L0003118 L0003119
SRCGROUP Road     L0003120 L0003121 L0003122 L0003123 L0003124 L0003125
SRCGROUP Road     L0003126 L0003127 L0003128 L0003129 L0003130 L0003131
SRCGROUP Road     L0003132 L0003133 L0003134 L0003135 L0003136 L0003137
SRCGROUP Road     L0003138 L0003139 L0003140 L0003141 L0003142 L0003143
SRCGROUP Road     L0003144 L0003145 L0003146 L0003147 L0003148 L0003149
SRCGROUP Road     L0003150 L0003151 L0003152 L0003153 L0003154 L0003155
SRCGROUP Road     L0003156 L0003157 L0003158 L0003159 L0003160 L0003161
SRCGROUP Road     L0003162 L0003163 L0003615 L0003616 L0003617 L0003618
SRCGROUP Road     L0003619 L0003620 L0003621 L0003622 L0003623 L0003624
SRCGROUP Road     L0003625 L0003626 L0003627 L0003628 L0003629 L0003630
SRCGROUP Road     L0003631 L0003398 L0003399 L0003400 L0003401 L0003402
SRCGROUP Road     L0003403 L0003404 L0003405 L0003406 L0003407 L0003408
SRCGROUP Road     L0003409 L0003410 L0003411 L0003412 L0003413 L0003414
SRCGROUP Road     L0003415 L0003416 L0003417 L0003418 L0003419 L0003420
SRCGROUP Road     L0003421 L0003422 L0003423 L0003424 L0003425 L0003426
SRCGROUP Road     L0003427 L0003428 L0003429 L0003430 L0003431 L0003432
SRCGROUP Road     L0003433 L0003434 L0003435 L0003436 L0003437 L0003438
SRCGROUP Road     L0003439 L0003440 L0003441 L0003442 L0003443 L0003444
SRCGROUP Road     L0003445 L0003446 L0003447 L0003448 L0003449 L0003450
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SRCGROUP Road     L0003451 L0003452 L0003453 L0003454 L0003455 L0003456
SRCGROUP Road     L0003457 L0003458 L0003459 L0003460 L0003461 L0003462
SRCGROUP Road     L0003463 L0003464 L0003465 L0003466 L0003467 L0003468
SRCGROUP Road     L0003469 L0003470 L0003471 L0003472 L0003473 L0003474
SRCGROUP Road     L0003475 L0003476 L0003477 L0003478 L0003479 L0003480
SRCGROUP Road     L0003481 L0003482 L0003483 L0003484 L0003485 L0003486
SRCGROUP Road     L0003487 L0003488 L0003489 L0003490 L0003491 L0003492
SRCGROUP Road     L0003493 L0003494 L0003495 L0003496 L0003497 L0003498
SRCGROUP Road     L0003499 L0003500 L0003501 L0003502 L0003503 L0003504
SRCGROUP Road     L0003505 L0003506 L0003507 L0003508 L0003509 L0003510
SRCGROUP Road     L0003511 L0003512 L0003513 L0003514 L0003515 L0003516
SRCGROUP Road     L0003517 L0003518 L0003519 L0003520 L0003521 L0003522
SRCGROUP Road     L0003523 L0003524 L0003525 L0003526 L0003527 L0003528
SRCGROUP Road     L0003529 L0003530 L0003531 L0003532 L0003533 L0003534
SRCGROUP Road     L0003535 L0003536 L0003537 L0003538 L0003539 L0003540
SRCGROUP Road     L0003541 L0003542 L0003543 L0003544 L0003545 L0003546
SRCGROUP Road     L0003547 L0003548 L0003549 L0003550 L0003551 L0003552
SRCGROUP Road     L0003553 L0003554 L0003555 L0003556 L0003557 L0003558
SRCGROUP Road     L0003559 L0003560 L0003561 L0003562 L0003563 L0003564
SRCGROUP Road     L0003565 L0003566 L0003567 L0003568 L0003569 L0003570
SRCGROUP Road     L0003571 L0003572 L0003573 L0003574 L0003575 L0003576
SRCGROUP Road     L0003577 L0003578 L0003579 L0003580 L0003581 L0003582
SRCGROUP Road     L0003583 L0003584 L0003585 L0003586 L0003587 L0003588
SRCGROUP Road     L0003589 L0003590 L0003591 L0003592 L0003593 L0003594
SRCGROUP Road     L0003595 L0003596 L0003597 L0003598 L0003599 L0003600
SRCGROUP Road     L0003601 L0003602 L0003603 L0003604 L0003605 L0003606
SRCGROUP Road     L0003607 L0003608 L0003609 L0003610 L0003611 L0003612
SRCGROUP Road     L0003613 L0003614
SRCGROUP Onsite   L0003632 L0003633 L0003634 L0003635 L0003636 L0003637
SRCGROUP Onsite   L0003638 L0003639 L0003640 L0003641 L0003642 L0003643
SRCGROUP Onsite   L0003644 L0003645 L0003646 L0003647 L0003648 L0003649
SRCGROUP Onsite   L0003650 L0003651 L0003652 L0003653 L0003654 L0003655
SRCGROUP Onsite   L0003656 L0003657 L0003658 L0003659 L0003660 L0003661
SRCGROUP Onsite   L0003662 L0003675 L0003676 L0003677 L0003678 L0003679
SRCGROUP Onsite   L0003680 L0003681 L0003682 L0003683 L0003684 L0003685
SRCGROUP Onsite   L0003686 L0003687 L0003688 L0003689 L0003690 L0003691
SRCGROUP Onsite   L0003692 L0003693 L0003694 L0003695 L0003696 L0003697
SRCGROUP Onsite   L0003698 L0003699 L0003700 L0003701 L0003702 L0003703
SRCGROUP Onsite   L0003704 L0003705 L0003706 L0003707 L0003708 L0003709
SRCGROUP Onsite   L0003710
SRCGROUP OnIdle   L0003711 L0003712 L0003713 L0003714 L0003715 L0003716
SRCGROUP OnIdle   L0003717 L0003718 L0003719 L0003720 L0003721 L0003722
SRCGROUP OnIdle   L0003723 L0003724 L0003725 L0003726 L0003727 L0003728
SRCGROUP OnIdle   L0003729 L0003730 L0003731 L0003732 L0003733 L0003734
SRCGROUP OnIdle   L0003735 L0003736 L0003737 L0003738 L0003739 L0003740
SRCGROUP OnIdle   L0003741 L0003742 L0003743 L0003744 L0003745
SRCGROUP S1Gen    STCK1 STCK2 STCK3
SRCGROUP S2Gen    STCK4
SRCGROUP S3Gen    STCK5 STCK6
SRCGROUP ALL
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SO FINISHED
**
**************************************
** AERMOD Receptor Pathway
**************************************
**
**
RE STARTING
   INCLUDED Ops_r.rou
RE FINISHED
**
**************************************
** AERMOD Meteorology Pathway
**************************************
**
**
ME STARTING
** Surface File Path: C:\Lakes\AERMOD View\Compass\Ops_r\PERI_V9_ADJU\
   SURFFILE PERI_V9_ADJU\PERI_v9.SFC
** Profile File Path: C:\Lakes\AERMOD View\Compass\Ops_r\PERI_V9_ADJU\
   PROFFILE PERI_V9_ADJU\PERI_v9.PFL
   SURFDATA 3171 2010
   UAIRDATA 3190 2010
   SITEDATA 99999 2010
   PROFBASE 442.0 METERS
ME FINISHED
**
**************************************
** AERMOD Output Pathway
**************************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST
   RECTABLE 1 1ST
** Auto-Generated Plotfiles
   PLOTFILE 1 ALL 1ST "C:\Lakes\AERMOD View\Compass\Ops_r\OPS_R.AD\01H1GALL.PLT" 31
   PLOTFILE 1 Road 1ST "C:\Lakes\AERMOD View\Compass\Ops_r\OPS_R.AD\01H1G001.PLT" 32
   PLOTFILE 1 Onsite 1ST "C:\Lakes\AERMOD View\Compass\Ops_r\OPS_R.AD\01H1G002.PLT"
33
   PLOTFILE 1 OnIdle 1ST "C:\Lakes\AERMOD View\Compass\Ops_r\OPS_R.AD\01H1G003.PLT"
34
   PLOTFILE 1 S1Gen 1ST "C:\Lakes\AERMOD View\Compass\Ops_r\OPS_R.AD\01H1G004.PLT"
35
   PLOTFILE 1 S2Gen 1ST "C:\Lakes\AERMOD View\Compass\Ops_r\OPS_R.AD\01H1G005.PLT"
36
   PLOTFILE 1 S3Gen 1ST "C:\Lakes\AERMOD View\Compass\Ops_r\OPS_R.AD\01H1G006.PLT"
37
   PLOTFILE PERIOD ALL "C:\Lakes\AERMOD View\Compass\Ops_r\OPS_R.AD\PE00GALL.PLT" 38
   PLOTFILE PERIOD Road "C:\Lakes\AERMOD View\Compass\Ops_r\OPS_R.AD\PE00G001.PLT"
```

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39
   PLOTFILE PERIOD Onsite "C:\Lakes\AERMOD View\Compass\Ops_r\OPS_R.AD\PE00G002.PLT"
40
   PLOTFILE PERIOD OnIdle "C:\Lakes\AERMOD View\Compass\Ops_r\OPS_R.AD\PE00G003.PLT"
41
   PLOTFILE PERIOD S1Gen "C:\Lakes\AERMOD View\Compass\Ops_r\OPS_R.AD\PE00G004.PLT"
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   PLOTFILE PERIOD S2Gen "C:\Lakes\AERMOD View\Compass\Ops_r\OPS_R.AD\PE00G005.PLT"
43
   PLOTFILE PERIOD S3Gen "C:\Lakes\AERMOD View\Compass\Ops_r\OPS_R.AD\PE00G006.PLT"
44
   SUMMFILE "C:\Lakes\AERMOD View\Compass\Ops_r\Ops_r.sum"
OU FINISHED
**
**************************************
** Project Parameters
**************************************
** PROJCTN  CoordinateSystemUTM
** DESCPTN  UTM: Universal Transverse Mercator
** DATUM    World Geodetic System 1984
** DTMRGN   Global Definition
** UNITS    m
** ZONE     11
** ZONEINX  0
**
```

```
** Lakes Environmental AERMOD MPI
**
**************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 12.0.0
** Lakes Environmental Software Inc.
** Date: 3/8/2024
** File: C:\Lakes\AERMOD View\Compass\Ops_r\Ops_r.ADI
**
**************************************
**
**
**************************************
** AERMOD Control Pathway
**************************************
**
**
CO STARTING
   TITLEONE Compass Operations
   MODELOPT DFAULT CONC
   AVERTIME 1 PERIOD
   URBANOPT 2189641
   POLLUTID PM_10
   RUNORNOT NOT
   ERRORFIL Ops_r.err
CO FINISHED
**
**************************************
** AERMOD Source Pathway
**************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
** ------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE01
** DESCRSRC S1 Wheat St
** PREFIX
** Length of Side = 8.70
** Configuration = Adjacent
** Emission Rate = 0.0572
** Vertical Dimension = 6.12
** SZINIT = 2.85
** Nodes = 2
** 479684.004, 3733088.876, 446.37, 3.06, 4.05
** 479683.736, 3733462.439, 439.31, 3.06, 4.05
** ------------------------------------------------------------------
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   LOCATION L0003096     VOLUME   479684.001 3733093.226 446.30
   LOCATION L0003097     VOLUME   479683.995 3733101.926 446.15
   LOCATION L0003098     VOLUME   479683.988 3733110.626 445.99
   LOCATION L0003099     VOLUME   479683.982 3733119.326 445.84
   LOCATION L0003100     VOLUME   479683.976 3733128.026 445.68
   LOCATION L0003101     VOLUME   479683.970 3733136.726 445.52
   LOCATION L0003102     VOLUME   479683.963 3733145.426 445.36
   LOCATION L0003103     VOLUME   479683.957 3733154.126 445.20
   LOCATION L0003104     VOLUME   479683.951 3733162.826 445.02
   LOCATION L0003105     VOLUME   479683.945 3733171.526 444.84
   LOCATION L0003106     VOLUME   479683.939 3733180.226 444.66
   LOCATION L0003107     VOLUME   479683.932 3733188.926 444.48
   LOCATION L0003108     VOLUME   479683.926 3733197.626 444.29
   LOCATION L0003109     VOLUME   479683.920 3733206.326 444.10
   LOCATION L0003110     VOLUME   479683.914 3733215.026 443.91
   LOCATION L0003111     VOLUME   479683.907 3733223.726 443.73
   LOCATION L0003112     VOLUME   479683.901 3733232.426 443.54
   LOCATION L0003113     VOLUME   479683.895 3733241.126 443.36
   LOCATION L0003114     VOLUME   479683.889 3733249.826 443.19
   LOCATION L0003115     VOLUME   479683.882 3733258.526 443.03
   LOCATION L0003116     VOLUME   479683.876 3733267.226 442.86
   LOCATION L0003117     VOLUME   479683.870 3733275.926 442.70
   LOCATION L0003118     VOLUME   479683.864 3733284.626 442.57
   LOCATION L0003119     VOLUME   479683.858 3733293.326 442.44
   LOCATION L0003120     VOLUME   479683.851 3733302.026 442.30
   LOCATION L0003121     VOLUME   479683.845 3733310.726 442.18
   LOCATION L0003122     VOLUME   479683.839 3733319.426 442.07
   LOCATION L0003123     VOLUME   479683.833 3733328.126 441.95
   LOCATION L0003124     VOLUME   479683.826 3733336.826 441.83
   LOCATION L0003125     VOLUME   479683.820 3733345.526 441.67
   LOCATION L0003126     VOLUME   479683.814 3733354.226 441.51
   LOCATION L0003127     VOLUME   479683.808 3733362.926 441.35
   LOCATION L0003128     VOLUME   479683.802 3733371.626 441.18
   LOCATION L0003129     VOLUME   479683.795 3733380.326 441.01
   LOCATION L0003130     VOLUME   479683.789 3733389.026 440.84
   LOCATION L0003131     VOLUME   479683.783 3733397.726 440.67
   LOCATION L0003132     VOLUME   479683.777 3733406.426 440.49
   LOCATION L0003133     VOLUME   479683.770 3733415.126 440.31
   LOCATION L0003134     VOLUME   479683.764 3733423.826 440.13
   LOCATION L0003135     VOLUME   479683.758 3733432.526 439.93
   LOCATION L0003136     VOLUME   479683.752 3733441.226 439.71
   LOCATION L0003137     VOLUME   479683.745 3733449.926 439.50
   LOCATION L0003138     VOLUME   479683.739 3733458.626 439.29
** End of LINE VOLUME Source ID = SLINE01
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** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE02
** DESCRSRC S1&2 Wheat St
** PREFIX
** Length of Side = 8.70
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** Configuration = Adjacent
** Emission Rate = 0.0333
** Vertical Dimension = 6.12
** SZINIT = 2.85
** Nodes = 2
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** 479679.261, 3733680.165, 436.12, 3.06, 4.05
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   LOCATION L0003139     VOLUME   479683.568 3733467.377 439.10
   LOCATION L0003140     VOLUME   479683.392 3733476.075 438.91
   LOCATION L0003141     VOLUME   479683.216 3733484.773 438.73
   LOCATION L0003142     VOLUME   479683.040 3733493.471 438.56
   LOCATION L0003143     VOLUME   479682.864 3733502.169 438.40
   LOCATION L0003144     VOLUME   479682.688 3733510.868 438.24
   LOCATION L0003145     VOLUME   479682.512 3733519.566 438.08
   LOCATION L0003146     VOLUME   479682.336 3733528.264 437.94
   LOCATION L0003147     VOLUME   479682.160 3733536.962 437.81
   LOCATION L0003148     VOLUME   479681.984 3733545.661 437.67
   LOCATION L0003149     VOLUME   479681.808 3733554.359 437.53
   LOCATION L0003150     VOLUME   479681.632 3733563.057 437.39
   LOCATION L0003151     VOLUME   479681.455 3733571.755 437.25
   LOCATION L0003152     VOLUME   479681.279 3733580.453 437.12
   LOCATION L0003153     VOLUME   479681.103 3733589.152 437.00
   LOCATION L0003154     VOLUME   479680.927 3733597.850 436.89
   LOCATION L0003155     VOLUME   479680.751 3733606.548 436.77
   LOCATION L0003156     VOLUME   479680.575 3733615.246 436.67
   LOCATION L0003157     VOLUME   479680.399 3733623.944 436.58
   LOCATION L0003158     VOLUME   479680.223 3733632.643 436.50
   LOCATION L0003159     VOLUME   479680.047 3733641.341 436.41
   LOCATION L0003160     VOLUME   479679.871 3733650.039 436.35
   LOCATION L0003161     VOLUME   479679.695 3733658.737 436.30
   LOCATION L0003162     VOLUME   479679.519 3733667.436 436.25
   LOCATION L0003163     VOLUME   479679.343 3733676.134 436.16
** End of LINE VOLUME Source ID = SLINE02
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** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE03
** DESCRSRC S1&2 Ethanac
** PREFIX
** Length of Side = 12.00
** Configuration = Adjacent
** Emission Rate = 0.6854
** Vertical Dimension = 6.12
** SZINIT = 2.85
** Nodes = 2
** 479675.652, 3733689.946, 435.92, 3.06, 5.58
** 481688.503, 3733680.890, 432.59, 3.06, 5.58
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   LOCATION L0003398     VOLUME   479681.652 3733689.919 435.91
   LOCATION L0003399     VOLUME   479693.652 3733689.865 435.93
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LOCATION L0003400     VOLUME   479705.652 3733689.811 435.91
LOCATION L0003401     VOLUME   479717.652 3733689.757 435.88
LOCATION L0003402     VOLUME   479729.652 3733689.703 435.83
LOCATION L0003403     VOLUME   479741.652 3733689.649 435.78
LOCATION L0003404     VOLUME   479753.651 3733689.595 435.72
LOCATION L0003405     VOLUME   479765.651 3733689.541 435.65
LOCATION L0003406     VOLUME   479777.651 3733689.487 435.59
LOCATION L0003407     VOLUME   479789.651 3733689.433 435.53
LOCATION L0003408     VOLUME   479801.651 3733689.379 435.47
LOCATION L0003409     VOLUME   479813.651 3733689.325 435.41
LOCATION L0003410     VOLUME   479825.651 3733689.271 435.35
LOCATION L0003411     VOLUME   479837.651 3733689.217 435.30
LOCATION L0003412     VOLUME   479849.651 3733689.163 435.23
LOCATION L0003413     VOLUME   479861.650 3733689.109 435.16
LOCATION L0003414     VOLUME   479873.650 3733689.055 435.07
LOCATION L0003415     VOLUME   479885.650 3733689.002 434.99
LOCATION L0003416     VOLUME   479897.650 3733688.948 434.91
LOCATION L0003417     VOLUME   479909.650 3733688.894 434.83
LOCATION L0003418     VOLUME   479921.650 3733688.840 434.75
LOCATION L0003419     VOLUME   479933.650 3733688.786 434.67
LOCATION L0003420     VOLUME   479945.650 3733688.732 434.58
LOCATION L0003421     VOLUME   479957.649 3733688.678 434.47
LOCATION L0003422     VOLUME   479969.649 3733688.624 434.37
LOCATION L0003423     VOLUME   479981.649 3733688.570 434.27
LOCATION L0003424     VOLUME   479993.649 3733688.516 434.18
LOCATION L0003425     VOLUME   480005.649 3733688.462 434.10
LOCATION L0003426     VOLUME   480017.649 3733688.408 434.02
LOCATION L0003427     VOLUME   480029.649 3733688.354 433.94
LOCATION L0003428     VOLUME   480041.649 3733688.300 433.87
LOCATION L0003429     VOLUME   480053.648 3733688.246 433.81
LOCATION L0003430     VOLUME   480065.648 3733688.192 433.78
LOCATION L0003431     VOLUME   480077.648 3733688.138 433.75
LOCATION L0003432     VOLUME   480089.648 3733688.084 433.72
LOCATION L0003433     VOLUME   480101.648 3733688.030 433.69
LOCATION L0003434     VOLUME   480113.648 3733687.976 433.67
LOCATION L0003435     VOLUME   480125.648 3733687.922 433.65
LOCATION L0003436     VOLUME   480137.648 3733687.868 433.62
LOCATION L0003437     VOLUME   480149.647 3733687.814 433.59
LOCATION L0003438     VOLUME   480161.647 3733687.760 433.55
LOCATION L0003439     VOLUME   480173.647 3733687.706 433.51
LOCATION L0003440     VOLUME   480185.647 3733687.652 433.47
LOCATION L0003441     VOLUME   480197.647 3733687.598 433.44
LOCATION L0003442     VOLUME   480209.647 3733687.544 433.42
LOCATION L0003443     VOLUME   480221.647 3733687.490 433.41
LOCATION L0003444     VOLUME   480233.647 3733687.436 433.40
LOCATION L0003445     VOLUME   480245.647 3733687.382 433.39
LOCATION L0003446     VOLUME   480257.646 3733687.328 433.35
LOCATION L0003447     VOLUME   480269.646 3733687.274 433.28
LOCATION L0003448     VOLUME   480281.646 3733687.220 433.22
LOCATION L0003449     VOLUME   480293.646 3733687.166 433.19
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LOCATION L0003450 VOLUME 480305.646 3733687.112 433.15
LOCATION L0003451 VOLUME 480317.646 3733687.058 433.06
LOCATION L0003452 VOLUME 480329.646 3733687.004 432.98
LOCATION L0003453 VOLUME 480341.646 3733686.950 432.83
LOCATION L0003454 VOLUME 480353.645 3733686.896 432.68
LOCATION L0003455 VOLUME 480365.645 3733686.842 432.55
LOCATION L0003456 VOLUME 480377.645 3733686.788 432.41
LOCATION L0003457 VOLUME 480389.645 3733686.734 432.34
LOCATION L0003458 VOLUME 480401.645 3733686.680 432.29
LOCATION L0003459 VOLUME 480413.645 3733686.626 432.26
LOCATION L0003460 VOLUME 480425.645 3733686.572 432.24
LOCATION L0003461 VOLUME 480437.645 3733686.518 432.22
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LOCATION L0003463 VOLUME 480461.644 3733686.410 432.21
LOCATION L0003464 VOLUME 480473.644 3733686.356 432.24
LOCATION L0003465 VOLUME 480485.644 3733686.302 432.27
LOCATION L0003466 VOLUME 480497.644 3733686.248 432.28
LOCATION L0003467 VOLUME 480509.644 3733686.194 432.29
LOCATION L0003468 VOLUME 480521.644 3733686.140 432.31
LOCATION L0003469 VOLUME 480533.644 3733686.086 432.33
LOCATION L0003470 VOLUME 480545.643 3733686.032 432.34
LOCATION L0003471 VOLUME 480557.643 3733685.978 432.35
LOCATION L0003472 VOLUME 480569.643 3733685.924 432.34
LOCATION L0003473 VOLUME 480581.643 3733685.870 432.33
LOCATION L0003474 VOLUME 480593.643 3733685.816 432.32
LOCATION L0003475 VOLUME 480605.643 3733685.762 432.29
LOCATION L0003476 VOLUME 480617.643 3733685.708 432.26
LOCATION L0003477 VOLUME 480629.643 3733685.654 432.25
LOCATION L0003478 VOLUME 480641.642 3733685.600 432.23
LOCATION L0003479 VOLUME 480653.642 3733685.546 432.21
LOCATION L0003480 VOLUME 480665.642 3733685.492 432.20
LOCATION L0003481 VOLUME 480677.642 3733685.438 432.18
LOCATION L0003482 VOLUME 480689.642 3733685.384 432.16
LOCATION L0003483 VOLUME 480701.642 3733685.330 432.12
LOCATION L0003484 VOLUME 480713.642 3733685.276 432.08
LOCATION L0003485 VOLUME 480725.642 3733685.222 432.05
LOCATION L0003486 VOLUME 480737.642 3733685.168 432.03
LOCATION L0003487 VOLUME 480749.641 3733685.114 432.01
LOCATION L0003488 VOLUME 480761.641 3733685.060 432.00
LOCATION L0003489 VOLUME 480773.641 3733685.006 431.98
LOCATION L0003490 VOLUME 480785.641 3733684.952 431.97
LOCATION L0003491 VOLUME 480797.641 3733684.898 431.96
LOCATION L0003492 VOLUME 480809.641 3733684.844 431.93
LOCATION L0003493 VOLUME 480821.641 3733684.790 431.91
LOCATION L0003494 VOLUME 480833.641 3733684.736 431.88
LOCATION L0003495 VOLUME 480845.640 3733684.682 431.87
LOCATION L0003496 VOLUME 480857.640 3733684.628 431.99
LOCATION L0003497 VOLUME 480869.640 3733684.574 432.11
LOCATION L0003498 VOLUME 480881.640 3733684.520 432.15
LOCATION L0003499 VOLUME 480893.640 3733684.466 432.18

LOCATION L0003500 VOLUME 480905.640 3733684.412 432.04
LOCATION L0003501 VOLUME 480917.640 3733684.358 431.86
LOCATION L0003502 VOLUME 480929.640 3733684.304 431.78
LOCATION L0003503 VOLUME 480941.639 3733684.250 431.76
LOCATION L0003504 VOLUME 480953.639 3733684.196 431.76
LOCATION L0003505 VOLUME 480965.639 3733684.142 431.78
LOCATION L0003506 VOLUME 480977.639 3733684.088 431.80
LOCATION L0003507 VOLUME 480989.639 3733684.035 431.81
LOCATION L0003508 VOLUME 481001.639 3733683.981 431.83
LOCATION L0003509 VOLUME 481013.639 3733683.927 431.84
LOCATION L0003510 VOLUME 481025.639 3733683.873 431.85
LOCATION L0003511 VOLUME 481037.638 3733683.819 431.84
LOCATION L0003512 VOLUME 481049.638 3733683.765 431.83
LOCATION L0003513 VOLUME 481061.638 3733683.711 431.81
LOCATION L0003514 VOLUME 481073.638 3733683.657 431.79
LOCATION L0003515 VOLUME 481085.638 3733683.603 431.78
LOCATION L0003516 VOLUME 481097.638 3733683.549 431.77
LOCATION L0003517 VOLUME 481109.638 3733683.495 431.77
LOCATION L0003518 VOLUME 481121.638 3733683.441 431.78
LOCATION L0003519 VOLUME 481133.638 3733683.387 431.79
LOCATION L0003520 VOLUME 481145.637 3733683.333 431.80
LOCATION L0003521 VOLUME 481157.637 3733683.279 431.82
LOCATION L0003522 VOLUME 481169.637 3733683.225 431.84
LOCATION L0003523 VOLUME 481181.637 3733683.171 431.86
LOCATION L0003524 VOLUME 481193.637 3733683.117 431.88
LOCATION L0003525 VOLUME 481205.637 3733683.063 431.90
LOCATION L0003526 VOLUME 481217.637 3733683.009 431.92
LOCATION L0003527 VOLUME 481229.637 3733682.955 431.93
LOCATION L0003528 VOLUME 481241.636 3733682.901 431.95
LOCATION L0003529 VOLUME 481253.636 3733682.847 431.97
LOCATION L0003530 VOLUME 481265.636 3733682.793 432.01
LOCATION L0003531 VOLUME 481277.636 3733682.739 432.06
LOCATION L0003532 VOLUME 481289.636 3733682.685 432.08
LOCATION L0003533 VOLUME 481301.636 3733682.631 432.09
LOCATION L0003534 VOLUME 481313.636 3733682.577 432.10
LOCATION L0003535 VOLUME 481325.636 3733682.523 432.10
LOCATION L0003536 VOLUME 481337.635 3733682.469 432.10
LOCATION L0003537 VOLUME 481349.635 3733682.415 432.09
LOCATION L0003538 VOLUME 481361.635 3733682.361 432.08
LOCATION L0003539 VOLUME 481373.635 3733682.307 432.08
LOCATION L0003540 VOLUME 481385.635 3733682.253 432.07
LOCATION L0003541 VOLUME 481397.635 3733682.199 432.07
LOCATION L0003542 VOLUME 481409.635 3733682.145 432.07
LOCATION L0003543 VOLUME 481421.635 3733682.091 432.09
LOCATION L0003544 VOLUME 481433.634 3733682.037 432.11
LOCATION L0003545 VOLUME 481445.634 3733681.983 432.13
LOCATION L0003546 VOLUME 481457.634 3733681.929 432.14
LOCATION L0003547 VOLUME 481469.634 3733681.875 432.18
LOCATION L0003548 VOLUME 481481.634 3733681.821 432.22
LOCATION L0003549 VOLUME 481493.634 3733681.767 432.26

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   LOCATION L0003550     VOLUME   481505.634 3733681.713 432.31
   LOCATION L0003551     VOLUME   481517.634 3733681.659 432.34
   LOCATION L0003552     VOLUME   481529.634 3733681.605 432.36
   LOCATION L0003553     VOLUME   481541.633 3733681.551 432.37
   LOCATION L0003554     VOLUME   481553.633 3733681.497 432.38
   LOCATION L0003555     VOLUME   481565.633 3733681.443 432.38
   LOCATION L0003556     VOLUME   481577.633 3733681.389 432.37
   LOCATION L0003557     VOLUME   481589.633 3733681.335 432.36
   LOCATION L0003558     VOLUME   481601.633 3733681.281 432.35
   LOCATION L0003559     VOLUME   481613.633 3733681.227 432.35
   LOCATION L0003560     VOLUME   481625.633 3733681.173 432.36
   LOCATION L0003561     VOLUME   481637.632 3733681.119 432.37
   LOCATION L0003562     VOLUME   481649.632 3733681.065 432.40
   LOCATION L0003563     VOLUME   481661.632 3733681.011 432.44
   LOCATION L0003564     VOLUME   481673.632 3733680.957 432.47
   LOCATION L0003565     VOLUME   481685.632 3733680.903 432.48
** End of LINE VOLUME Source ID = SLINE03
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** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE04
** DESCRSRC S1&2&3 Ethanac
** PREFIX
** Length of Side = 12.00
** Configuration = Adjacent
** Emission Rate = 0.2015
** Vertical Dimension = 6.12
** SZINIT = 2.85
** Nodes = 2
** 481685.824, 3733679.358, 432.67, 3.06, 5.58
** 482277.490, 3733676.266, 438.36, 3.06, 5.58
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   LOCATION L0003566     VOLUME   481691.824 3733679.327 432.58
   LOCATION L0003567     VOLUME   481703.824 3733679.264 432.58
   LOCATION L0003568     VOLUME   481715.824 3733679.201 432.59
   LOCATION L0003569     VOLUME   481727.824 3733679.139 432.62
   LOCATION L0003570     VOLUME   481739.824 3733679.076 432.66
   LOCATION L0003571     VOLUME   481751.823 3733679.013 432.77
   LOCATION L0003572     VOLUME   481763.823 3733678.951 432.94
   LOCATION L0003573     VOLUME   481775.823 3733678.888 433.09
   LOCATION L0003574     VOLUME   481787.823 3733678.825 433.21
   LOCATION L0003575     VOLUME   481799.823 3733678.762 433.30
   LOCATION L0003576     VOLUME   481811.823 3733678.700 433.31
   LOCATION L0003577     VOLUME   481823.822 3733678.637 433.32
   LOCATION L0003578     VOLUME   481835.822 3733678.574 433.33
   LOCATION L0003579     VOLUME   481847.822 3733678.511 433.34
   LOCATION L0003580     VOLUME   481859.822 3733678.449 433.38
   LOCATION L0003581     VOLUME   481871.822 3733678.386 433.42
   LOCATION L0003582     VOLUME   481883.822 3733678.323 433.47
   LOCATION L0003583     VOLUME   481895.821 3733678.261 433.52
   LOCATION L0003584     VOLUME   481907.821 3733678.198 433.50
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   LOCATION L0003585     VOLUME   481919.821 3733678.135 433.44
   LOCATION L0003586     VOLUME   481931.821 3733678.072 433.38
   LOCATION L0003587     VOLUME   481943.821 3733678.010 433.32
   LOCATION L0003588     VOLUME   481955.821 3733677.947 433.31
   LOCATION L0003589     VOLUME   481967.820 3733677.884 433.38
   LOCATION L0003590     VOLUME   481979.820 3733677.822 433.44
   LOCATION L0003591     VOLUME   481991.820 3733677.759 433.48
   LOCATION L0003592     VOLUME   482003.820 3733677.696 433.52
   LOCATION L0003593     VOLUME   482015.820 3733677.633 433.55
   LOCATION L0003594     VOLUME   482027.820 3733677.571 433.57
   LOCATION L0003595     VOLUME   482039.820 3733677.508 433.76
   LOCATION L0003596     VOLUME   482051.819 3733677.445 433.96
   LOCATION L0003597     VOLUME   482063.819 3733677.383 434.11
   LOCATION L0003598     VOLUME   482075.819 3733677.320 434.26
   LOCATION L0003599     VOLUME   482087.819 3733677.257 434.35
   LOCATION L0003600     VOLUME   482099.819 3733677.194 434.42
   LOCATION L0003601     VOLUME   482111.819 3733677.132 434.47
   LOCATION L0003602     VOLUME   482123.818 3733677.069 434.52
   LOCATION L0003603     VOLUME   482135.818 3733677.006 434.58
   LOCATION L0003604     VOLUME   482147.818 3733676.944 434.65
   LOCATION L0003605     VOLUME   482159.818 3733676.881 434.76
   LOCATION L0003606     VOLUME   482171.818 3733676.818 434.95
   LOCATION L0003607     VOLUME   482183.818 3733676.755 435.15
   LOCATION L0003608     VOLUME   482195.817 3733676.693 435.47
   LOCATION L0003609     VOLUME   482207.817 3733676.630 435.78
   LOCATION L0003610     VOLUME   482219.817 3733676.567 436.19
   LOCATION L0003611     VOLUME   482231.817 3733676.505 436.60
   LOCATION L0003612     VOLUME   482243.817 3733676.442 437.03
   LOCATION L0003613     VOLUME   482255.817 3733676.379 437.46
   LOCATION L0003614     VOLUME   482267.816 3733676.316 437.89
** End of LINE VOLUME Source ID = SLINE04
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** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE05
** DESCRSRC S3 Evans
** PREFIX
** Length of Side = 8.70
** Configuration = Adjacent
** Emission Rate = 0.0226
** Vertical Dimension = 6.12
** SZINIT = 2.85
** Nodes = 2
** 481689.619, 3733673.805, 433.16, 3.06, 4.05
** 481690.207, 3733526.329, 433.12, 3.06, 4.05
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   LOCATION L0003615     VOLUME   481689.636 3733669.455 433.15
   LOCATION L0003616     VOLUME   481689.671 3733660.755 433.16
   LOCATION L0003617     VOLUME   481689.705 3733652.055 433.16
   LOCATION L0003618     VOLUME   481689.740 3733643.355 433.16
   LOCATION L0003619     VOLUME   481689.775 3733634.655 433.16
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   LOCATION L0003620     VOLUME   481689.810 3733625.955 433.14
   LOCATION L0003621     VOLUME   481689.844 3733617.256 433.12
   LOCATION L0003622     VOLUME   481689.879 3733608.556 433.10
   LOCATION L0003623     VOLUME   481689.914 3733599.856 433.11
   LOCATION L0003624     VOLUME   481689.948 3733591.156 433.12
   LOCATION L0003625     VOLUME   481689.983 3733582.456 433.13
   LOCATION L0003626     VOLUME   481690.018 3733573.756 433.14
   LOCATION L0003627     VOLUME   481690.053 3733565.056 433.14
   LOCATION L0003628     VOLUME   481690.087 3733556.356 433.14
   LOCATION L0003629     VOLUME   481690.122 3733547.656 433.15
   LOCATION L0003630     VOLUME   481690.157 3733538.956 433.15
   LOCATION L0003631     VOLUME   481690.191 3733530.256 433.14
** End of LINE VOLUME Source ID = SLINE05
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** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE06
** DESCRSRC S1 Onsite
** PREFIX
** Length of Side = 8.70
** Configuration = Adjacent
** Emission Rate = 0.5477
** Vertical Dimension = 6.12
** SZINIT = 2.85
** Nodes = 4
** 479685.671, 3733082.167, 446.40, 0.00, 4.05
** 479481.947, 3733081.502, 446.95, 0.00, 4.05
** 479445.763, 3733071.176, 447.32, 0.00, 4.05
** 479446.963, 3733095.239, 446.67, 0.00, 4.05
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   LOCATION L0003632     VOLUME   479681.321 3733082.153 446.52
   LOCATION L0003633     VOLUME   479672.621 3733082.125 446.61
   LOCATION L0003634     VOLUME   479663.921 3733082.096 446.70
   LOCATION L0003635     VOLUME   479655.221 3733082.068 446.79
   LOCATION L0003636     VOLUME   479646.521 3733082.039 446.88
   LOCATION L0003637     VOLUME   479637.821 3733082.011 446.97
   LOCATION L0003638     VOLUME   479629.121 3733081.983 447.02
   LOCATION L0003639     VOLUME   479620.422 3733081.954 447.04
   LOCATION L0003640     VOLUME   479611.722 3733081.926 447.06
   LOCATION L0003641     VOLUME   479603.022 3733081.897 447.03
   LOCATION L0003642     VOLUME   479594.322 3733081.869 446.98
   LOCATION L0003643     VOLUME   479585.622 3733081.841 446.92
   LOCATION L0003644     VOLUME   479576.922 3733081.812 446.86
   LOCATION L0003645     VOLUME   479568.222 3733081.784 446.79
   LOCATION L0003646     VOLUME   479559.522 3733081.756 446.73
   LOCATION L0003647     VOLUME   479550.822 3733081.727 446.76
   LOCATION L0003648     VOLUME   479542.122 3733081.699 446.83
   LOCATION L0003649     VOLUME   479533.422 3733081.670 446.90
   LOCATION L0003650     VOLUME   479524.722 3733081.642 446.96
   LOCATION L0003651     VOLUME   479516.022 3733081.614 447.01
   LOCATION L0003652     VOLUME   479507.322 3733081.585 447.06
```

```
   LOCATION L0003653     VOLUME   479498.622 3733081.557 447.06
   LOCATION L0003654     VOLUME   479489.922 3733081.528 447.06
   LOCATION L0003655     VOLUME   479481.250 3733081.304 447.06
   LOCATION L0003656     VOLUME   479472.884 3733078.916 447.06
   LOCATION L0003657     VOLUME   479464.518 3733076.529 447.05
   LOCATION L0003658     VOLUME   479456.152 3733074.141 447.04
   LOCATION L0003659     VOLUME   479447.786 3733071.754 447.02
   LOCATION L0003660     VOLUME   479446.091 3733077.764 446.87
   LOCATION L0003661     VOLUME   479446.525 3733086.453 446.68
   LOCATION L0003662     VOLUME   479446.958 3733095.142 446.51
** End of LINE VOLUME Source ID = SLINE06
** ----------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE07
** DESCRSRC S2 Onsite
** PREFIX
** Length of Side = 8.70
** Configuration = Adjacent
** Emission Rate = 0.2397
** Vertical Dimension = 6.12
** SZINIT = 2.85
** Nodes = 2
** 479675.527, 3733474.212, 439.38, 3.06, 4.05
** 479511.285, 3733473.879, 439.26, 3.06, 4.05
** ----------------------------------------------------------------
   LOCATION L0003675     VOLUME   479671.177 3733474.203 439.02
   LOCATION L0003676     VOLUME   479662.477 3733474.185 439.06
   LOCATION L0003677     VOLUME   479653.777 3733474.168 439.10
   LOCATION L0003678     VOLUME   479645.077 3733474.150 439.14
   LOCATION L0003679     VOLUME   479636.377 3733474.132 439.18
   LOCATION L0003680     VOLUME   479627.677 3733474.115 439.21
   LOCATION L0003681     VOLUME   479618.977 3733474.097 439.24
   LOCATION L0003682     VOLUME   479610.277 3733474.080 439.27
   LOCATION L0003683     VOLUME   479601.577 3733474.062 439.29
   LOCATION L0003684     VOLUME   479592.877 3733474.044 439.31
   LOCATION L0003685     VOLUME   479584.177 3733474.027 439.33
   LOCATION L0003686     VOLUME   479575.477 3733474.009 439.28
   LOCATION L0003687     VOLUME   479566.777 3733473.991 439.22
   LOCATION L0003688     VOLUME   479558.077 3733473.974 439.16
   LOCATION L0003689     VOLUME   479549.377 3733473.956 439.11
   LOCATION L0003690     VOLUME   479540.677 3733473.939 439.06
   LOCATION L0003691     VOLUME   479531.977 3733473.921 439.01
   LOCATION L0003692     VOLUME   479523.277 3733473.903 438.98
   LOCATION L0003693     VOLUME   479514.577 3733473.886 438.95
** End of LINE VOLUME Source ID = SLINE07
** ----------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE08
** DESCRSRC S3 Onsite
** PREFIX
```

```
** Length of Side = 8.70
** Configuration = Adjacent
** Emission Rate = 0.2126
** Vertical Dimension = 6.12
** SZINIT = 2.85
** Nodes = 2
** 481697.502, 3733528.246, 433.11, 3.06, 4.05
** 481843.071, 3733528.591, 433.09, 3.06, 4.05
** ----------------------------------------------------------------------
   LOCATION L0003694     VOLUME   481701.852 3733528.256 433.04
   LOCATION L0003695     VOLUME   481710.552 3733528.277 432.98
   LOCATION L0003696     VOLUME   481719.252 3733528.298 432.91
   LOCATION L0003697     VOLUME   481727.952 3733528.318 432.93
   LOCATION L0003698     VOLUME   481736.652 3733528.339 432.95
   LOCATION L0003699     VOLUME   481745.352 3733528.359 432.97
   LOCATION L0003700     VOLUME   481754.052 3733528.380 432.98
   LOCATION L0003701     VOLUME   481762.752 3733528.401 433.00
   LOCATION L0003702     VOLUME   481771.452 3733528.421 433.01
   LOCATION L0003703     VOLUME   481780.152 3733528.442 433.02
   LOCATION L0003704     VOLUME   481788.852 3733528.463 433.03
   LOCATION L0003705     VOLUME   481797.552 3733528.483 433.05
   LOCATION L0003706     VOLUME   481806.251 3733528.504 433.07
   LOCATION L0003707     VOLUME   481814.951 3733528.524 433.10
   LOCATION L0003708     VOLUME   481823.651 3733528.545 433.12
   LOCATION L0003709     VOLUME   481832.351 3733528.566 433.15
   LOCATION L0003710     VOLUME   481841.051 3733528.586 433.17
** End of LINE VOLUME Source ID = SLINE08
** ----------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE09
** DESCRSRC S1 Onsite Idle1
** PREFIX
** Length of Side = 8.70
** Configuration = Adjacent
** Emission Rate = 0.2658
** Vertical Dimension = 6.12
** SZINIT = 2.85
** Nodes = 2
** 479434.803, 3733114.194, 445.85, 3.06, 4.05
** 479434.608, 3733035.629, 447.75, 3.06, 4.05
** ----------------------------------------------------------------------
   LOCATION L0003711     VOLUME   479434.792 3733109.844 446.06
   LOCATION L0003712     VOLUME   479434.770 3733101.144 446.24
   LOCATION L0003713     VOLUME   479434.749 3733092.444 446.42
   LOCATION L0003714     VOLUME   479434.727 3733083.744 446.62
   LOCATION L0003715     VOLUME   479434.706 3733075.044 446.83
   LOCATION L0003716     VOLUME   479434.684 3733066.344 447.05
   LOCATION L0003717     VOLUME   479434.663 3733057.644 447.26
   LOCATION L0003718     VOLUME   479434.641 3733048.944 447.43
   LOCATION L0003719     VOLUME   479434.620 3733040.244 447.61
```

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** End of LINE VOLUME Source ID = SLINE09
** ------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE10
** DESCRSRC S1 Onsite Idle2
** PREFIX
** Length of Side = 8.70
** Configuration = Adjacent
** Emission Rate = 0.2218
** Vertical Dimension = 6.12
** SZINIT = 2.85
** Nodes = 2
** 479604.224, 3733045.497, 447.76, 3.06, 4.05
** 479538.583, 3733045.262, 447.77, 3.06, 4.05
** ------------------------------------------------------------------
   LOCATION L0003720     VOLUME   479599.874 3733045.482 447.71
   LOCATION L0003721     VOLUME   479591.174 3733045.450 447.68
   LOCATION L0003722     VOLUME   479582.474 3733045.419 447.65
   LOCATION L0003723     VOLUME   479573.774 3733045.388 447.62
   LOCATION L0003724     VOLUME   479565.075 3733045.357 447.59
   LOCATION L0003725     VOLUME   479556.375 3733045.325 447.57
   LOCATION L0003726     VOLUME   479547.675 3733045.294 447.61
   LOCATION L0003727     VOLUME   479538.975 3733045.263 447.66
** End of LINE VOLUME Source ID = SLINE10
** ------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE11
** DESCRSRC S1 Onsite Idle3
** PREFIX
** Length of Side = 8.70
** Configuration = Adjacent
** Emission Rate = 0.0744
** Vertical Dimension = 6.12
** SZINIT = 2.85
** Nodes = 2
** 479436.094, 3733094.664, 446.50, 3.06, 4.05
** 479436.094, 3733072.668, 447.27, 3.06, 4.05
** ------------------------------------------------------------------
   LOCATION L0003728     VOLUME   479436.094 3733090.314 446.48
   LOCATION L0003729     VOLUME   479436.094 3733081.614 446.69
   LOCATION L0003730     VOLUME   479436.094 3733072.914 446.90
** End of LINE VOLUME Source ID = SLINE11
** ------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE12
** DESCRSRC S2 Onsite Idle
** PREFIX
** Length of Side = 8.70
** Configuration = Adjacent
** Emission Rate = 0.1914
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** Vertical Dimension = 6.12
** SZINIT = 2.85
** Nodes = 2
** 479545.331, 3733455.981, 439.38, 3.06, 4.05
** 479601.955, 3733456.144, 439.59, 3.06, 4.05
** ----------------------------------------------------------------
   LOCATION L0003731     VOLUME   479549.681 3733455.993 439.41
   LOCATION L0003732     VOLUME   479558.381 3733456.018 439.46
   LOCATION L0003733     VOLUME   479567.081 3733456.044 439.53
   LOCATION L0003734     VOLUME   479575.781 3733456.069 439.60
   LOCATION L0003735     VOLUME   479584.481 3733456.094 439.66
   LOCATION L0003736     VOLUME   479593.181 3733456.119 439.64
   LOCATION L0003737     VOLUME   479601.881 3733456.144 439.61
** End of LINE VOLUME Source ID = SLINE12
** ----------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE13
** DESCRSRC S3 Onsite Idle
** PREFIX
** Length of Side = 8.70
** Configuration = Adjacent
** Emission Rate = 0.2465
** Vertical Dimension = 6.12
** SZINIT = 2.85
** Nodes = 2
** 481769.179, 3733543.688, 432.98, 3.06, 4.05
** 481842.117, 3733544.051, 433.16, 3.06, 4.05
** ----------------------------------------------------------------
   LOCATION L0003738     VOLUME   481773.529 3733543.710 432.99
   LOCATION L0003739     VOLUME   481782.229 3733543.753 433.00
   LOCATION L0003740     VOLUME   481790.929 3733543.796 433.02
   LOCATION L0003741     VOLUME   481799.629 3733543.839 433.04
   LOCATION L0003742     VOLUME   481808.329 3733543.883 433.07
   LOCATION L0003743     VOLUME   481817.029 3733543.926 433.10
   LOCATION L0003744     VOLUME   481825.729 3733543.969 433.13
   LOCATION L0003745     VOLUME   481834.429 3733544.013 433.16
** End of LINE VOLUME Source ID = SLINE13
   LOCATION STCK1        POINT      479441.960  3733157.330      445.090
** DESCRSRC S1Gen1
   LOCATION STCK2        POINT      479487.001  3733046.670      447.800
** DESCRSRC S1Gen2
   LOCATION STCK3        POINT      479440.935  3733009.479      448.290
** DESCRSRC S1Gen3
   LOCATION STCK4        POINT      479494.430  3733403.940      440.250
** DESCRSRC S2Gen
   LOCATION STCK5        POINT      481715.350  3733538.210      432.930
** DESCRSRC S3Gen1
   LOCATION STCK6        POINT      481726.820  3733537.790      432.920
** DESCRSRC S3Gen2
** Source Parameters **
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** LINE VOLUME Source ID = SLINE01
   SRCPARAM L0003096     0.0013302326      3.06      4.05      2.85
   SRCPARAM L0003097     0.0013302326      3.06      4.05      2.85
   SRCPARAM L0003098     0.0013302326      3.06      4.05      2.85
   SRCPARAM L0003099     0.0013302326      3.06      4.05      2.85
   SRCPARAM L0003100     0.0013302326      3.06      4.05      2.85
   SRCPARAM L0003101     0.0013302326      3.06      4.05      2.85
   SRCPARAM L0003102     0.0013302326      3.06      4.05      2.85
   SRCPARAM L0003103     0.0013302326      3.06      4.05      2.85
   SRCPARAM L0003104     0.0013302326      3.06      4.05      2.85
   SRCPARAM L0003105     0.0013302326      3.06      4.05      2.85
   SRCPARAM L0003106     0.0013302326      3.06      4.05      2.85
   SRCPARAM L0003107     0.0013302326      3.06      4.05      2.85
   SRCPARAM L0003108     0.0013302326      3.06      4.05      2.85
   SRCPARAM L0003109     0.0013302326      3.06      4.05      2.85
   SRCPARAM L0003110     0.0013302326      3.06      4.05      2.85
   SRCPARAM L0003111     0.0013302326      3.06      4.05      2.85
   SRCPARAM L0003112     0.0013302326      3.06      4.05      2.85
   SRCPARAM L0003113     0.0013302326      3.06      4.05      2.85
   SRCPARAM L0003114     0.0013302326      3.06      4.05      2.85
   SRCPARAM L0003115     0.0013302326      3.06      4.05      2.85
   SRCPARAM L0003116     0.0013302326      3.06      4.05      2.85
   SRCPARAM L0003117     0.0013302326      3.06      4.05      2.85
   SRCPARAM L0003118     0.0013302326      3.06      4.05      2.85
   SRCPARAM L0003119     0.0013302326      3.06      4.05      2.85
   SRCPARAM L0003120     0.0013302326      3.06      4.05      2.85
   SRCPARAM L0003121     0.0013302326      3.06      4.05      2.85
   SRCPARAM L0003122     0.0013302326      3.06      4.05      2.85
   SRCPARAM L0003123     0.0013302326      3.06      4.05      2.85
   SRCPARAM L0003124     0.0013302326      3.06      4.05      2.85
   SRCPARAM L0003125     0.0013302326      3.06      4.05      2.85
   SRCPARAM L0003126     0.0013302326      3.06      4.05      2.85
   SRCPARAM L0003127     0.0013302326      3.06      4.05      2.85
   SRCPARAM L0003128     0.0013302326      3.06      4.05      2.85
   SRCPARAM L0003129     0.0013302326      3.06      4.05      2.85
   SRCPARAM L0003130     0.0013302326      3.06      4.05      2.85
   SRCPARAM L0003131     0.0013302326      3.06      4.05      2.85
   SRCPARAM L0003132     0.0013302326      3.06      4.05      2.85
   SRCPARAM L0003133     0.0013302326      3.06      4.05      2.85
   SRCPARAM L0003134     0.0013302326      3.06      4.05      2.85
   SRCPARAM L0003135     0.0013302326      3.06      4.05      2.85
   SRCPARAM L0003136     0.0013302326      3.06      4.05      2.85
   SRCPARAM L0003137     0.0013302326      3.06      4.05      2.85
   SRCPARAM L0003138     0.0013302326      3.06      4.05      2.85
** ------------------------------------------------------------------
** LINE VOLUME Source ID = SLINE02
   SRCPARAM L0003139      0.001332      3.06      4.05      2.85
   SRCPARAM L0003140      0.001332      3.06      4.05      2.85
   SRCPARAM L0003141      0.001332      3.06      4.05      2.85
   SRCPARAM L0003142      0.001332      3.06      4.05      2.85
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   SRCPARAM L0003143      0.001332      3.06      4.05      2.85
   SRCPARAM L0003144      0.001332      3.06      4.05      2.85
   SRCPARAM L0003145      0.001332      3.06      4.05      2.85
   SRCPARAM L0003146      0.001332      3.06      4.05      2.85
   SRCPARAM L0003147      0.001332      3.06      4.05      2.85
   SRCPARAM L0003148      0.001332      3.06      4.05      2.85
   SRCPARAM L0003149      0.001332      3.06      4.05      2.85
   SRCPARAM L0003150      0.001332      3.06      4.05      2.85
   SRCPARAM L0003151      0.001332      3.06      4.05      2.85
   SRCPARAM L0003152      0.001332      3.06      4.05      2.85
   SRCPARAM L0003153      0.001332      3.06      4.05      2.85
   SRCPARAM L0003154      0.001332      3.06      4.05      2.85
   SRCPARAM L0003155      0.001332      3.06      4.05      2.85
   SRCPARAM L0003156      0.001332      3.06      4.05      2.85
   SRCPARAM L0003157      0.001332      3.06      4.05      2.85
   SRCPARAM L0003158      0.001332      3.06      4.05      2.85
   SRCPARAM L0003159      0.001332      3.06      4.05      2.85
   SRCPARAM L0003160      0.001332      3.06      4.05      2.85
   SRCPARAM L0003161      0.001332      3.06      4.05      2.85
   SRCPARAM L0003162      0.001332      3.06      4.05      2.85
   SRCPARAM L0003163      0.001332      3.06      4.05      2.85
** ------------------------------------------------------------------
** LINE VOLUME Source ID = SLINE03
   SRCPARAM L0003398     0.0040797619      3.06      5.58      2.85
   SRCPARAM L0003399     0.0040797619      3.06      5.58      2.85
   SRCPARAM L0003400     0.0040797619      3.06      5.58      2.85
   SRCPARAM L0003401     0.0040797619      3.06      5.58      2.85
   SRCPARAM L0003402     0.0040797619      3.06      5.58      2.85
   SRCPARAM L0003403     0.0040797619      3.06      5.58      2.85
   SRCPARAM L0003404     0.0040797619      3.06      5.58      2.85
   SRCPARAM L0003405     0.0040797619      3.06      5.58      2.85
   SRCPARAM L0003406     0.0040797619      3.06      5.58      2.85
   SRCPARAM L0003407     0.0040797619      3.06      5.58      2.85
   SRCPARAM L0003408     0.0040797619      3.06      5.58      2.85
   SRCPARAM L0003409     0.0040797619      3.06      5.58      2.85
   SRCPARAM L0003410     0.0040797619      3.06      5.58      2.85
   SRCPARAM L0003411     0.0040797619      3.06      5.58      2.85
   SRCPARAM L0003412     0.0040797619      3.06      5.58      2.85
   SRCPARAM L0003413     0.0040797619      3.06      5.58      2.85
   SRCPARAM L0003414     0.0040797619      3.06      5.58      2.85
   SRCPARAM L0003415     0.0040797619      3.06      5.58      2.85
   SRCPARAM L0003416     0.0040797619      3.06      5.58      2.85
   SRCPARAM L0003417     0.0040797619      3.06      5.58      2.85
   SRCPARAM L0003418     0.0040797619      3.06      5.58      2.85
   SRCPARAM L0003419     0.0040797619      3.06      5.58      2.85
   SRCPARAM L0003420     0.0040797619      3.06      5.58      2.85
   SRCPARAM L0003421     0.0040797619      3.06      5.58      2.85
   SRCPARAM L0003422     0.0040797619      3.06      5.58      2.85
   SRCPARAM L0003423     0.0040797619      3.06      5.58      2.85
   SRCPARAM L0003424     0.0040797619      3.06      5.58      2.85
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SRCPARAM L0003425     0.0040797619      3.06      5.58      2.85
SRCPARAM L0003426     0.0040797619      3.06      5.58      2.85
SRCPARAM L0003427     0.0040797619      3.06      5.58      2.85
SRCPARAM L0003428     0.0040797619      3.06      5.58      2.85
SRCPARAM L0003429     0.0040797619      3.06      5.58      2.85
SRCPARAM L0003430     0.0040797619      3.06      5.58      2.85
SRCPARAM L0003431     0.0040797619      3.06      5.58      2.85
SRCPARAM L0003432     0.0040797619      3.06      5.58      2.85
SRCPARAM L0003433     0.0040797619      3.06      5.58      2.85
SRCPARAM L0003434     0.0040797619      3.06      5.58      2.85
SRCPARAM L0003435     0.0040797619      3.06      5.58      2.85
SRCPARAM L0003436     0.0040797619      3.06      5.58      2.85
SRCPARAM L0003437     0.0040797619      3.06      5.58      2.85
SRCPARAM L0003438     0.0040797619      3.06      5.58      2.85
SRCPARAM L0003439     0.0040797619      3.06      5.58      2.85
SRCPARAM L0003440     0.0040797619      3.06      5.58      2.85
SRCPARAM L0003441     0.0040797619      3.06      5.58      2.85
SRCPARAM L0003442     0.0040797619      3.06      5.58      2.85
SRCPARAM L0003443     0.0040797619      3.06      5.58      2.85
SRCPARAM L0003444     0.0040797619      3.06      5.58      2.85
SRCPARAM L0003445     0.0040797619      3.06      5.58      2.85
SRCPARAM L0003446     0.0040797619      3.06      5.58      2.85
SRCPARAM L0003447     0.0040797619      3.06      5.58      2.85
SRCPARAM L0003448     0.0040797619      3.06      5.58      2.85
SRCPARAM L0003449     0.0040797619      3.06      5.58      2.85
SRCPARAM L0003450     0.0040797619      3.06      5.58      2.85
SRCPARAM L0003451     0.0040797619      3.06      5.58      2.85
SRCPARAM L0003452     0.0040797619      3.06      5.58      2.85
SRCPARAM L0003453     0.0040797619      3.06      5.58      2.85
SRCPARAM L0003454     0.0040797619      3.06      5.58      2.85
SRCPARAM L0003455     0.0040797619      3.06      5.58      2.85
SRCPARAM L0003456     0.0040797619      3.06      5.58      2.85
SRCPARAM L0003457     0.0040797619      3.06      5.58      2.85
SRCPARAM L0003458     0.0040797619      3.06      5.58      2.85
SRCPARAM L0003459     0.0040797619      3.06      5.58      2.85
SRCPARAM L0003460     0.0040797619      3.06      5.58      2.85
SRCPARAM L0003461     0.0040797619      3.06      5.58      2.85
SRCPARAM L0003462     0.0040797619      3.06      5.58      2.85
SRCPARAM L0003463     0.0040797619      3.06      5.58      2.85
SRCPARAM L0003464     0.0040797619      3.06      5.58      2.85
SRCPARAM L0003465     0.0040797619      3.06      5.58      2.85
SRCPARAM L0003466     0.0040797619      3.06      5.58      2.85
SRCPARAM L0003467     0.0040797619      3.06      5.58      2.85
SRCPARAM L0003468     0.0040797619      3.06      5.58      2.85
SRCPARAM L0003469     0.0040797619      3.06      5.58      2.85
SRCPARAM L0003470     0.0040797619      3.06      5.58      2.85
SRCPARAM L0003471     0.0040797619      3.06      5.58      2.85
SRCPARAM L0003472     0.0040797619      3.06      5.58      2.85
SRCPARAM L0003473     0.0040797619      3.06      5.58      2.85
SRCPARAM L0003474     0.0040797619      3.06      5.58      2.85
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SRCPARAM L0003475     0.0040797619      3.06      5.58      2.85
SRCPARAM L0003476     0.0040797619      3.06      5.58      2.85
SRCPARAM L0003477     0.0040797619      3.06      5.58      2.85
SRCPARAM L0003478     0.0040797619      3.06      5.58      2.85
SRCPARAM L0003479     0.0040797619      3.06      5.58      2.85
SRCPARAM L0003480     0.0040797619      3.06      5.58      2.85
SRCPARAM L0003481     0.0040797619      3.06      5.58      2.85
SRCPARAM L0003482     0.0040797619      3.06      5.58      2.85
SRCPARAM L0003483     0.0040797619      3.06      5.58      2.85
SRCPARAM L0003484     0.0040797619      3.06      5.58      2.85
SRCPARAM L0003485     0.0040797619      3.06      5.58      2.85
SRCPARAM L0003486     0.0040797619      3.06      5.58      2.85
SRCPARAM L0003487     0.0040797619      3.06      5.58      2.85
SRCPARAM L0003488     0.0040797619      3.06      5.58      2.85
SRCPARAM L0003489     0.0040797619      3.06      5.58      2.85
SRCPARAM L0003490     0.0040797619      3.06      5.58      2.85
SRCPARAM L0003491     0.0040797619      3.06      5.58      2.85
SRCPARAM L0003492     0.0040797619      3.06      5.58      2.85
SRCPARAM L0003493     0.0040797619      3.06      5.58      2.85
SRCPARAM L0003494     0.0040797619      3.06      5.58      2.85
SRCPARAM L0003495     0.0040797619      3.06      5.58      2.85
SRCPARAM L0003496     0.0040797619      3.06      5.58      2.85
SRCPARAM L0003497     0.0040797619      3.06      5.58      2.85
SRCPARAM L0003498     0.0040797619      3.06      5.58      2.85
SRCPARAM L0003499     0.0040797619      3.06      5.58      2.85
SRCPARAM L0003500     0.0040797619      3.06      5.58      2.85
SRCPARAM L0003501     0.0040797619      3.06      5.58      2.85
SRCPARAM L0003502     0.0040797619      3.06      5.58      2.85
SRCPARAM L0003503     0.0040797619      3.06      5.58      2.85
SRCPARAM L0003504     0.0040797619      3.06      5.58      2.85
SRCPARAM L0003505     0.0040797619      3.06      5.58      2.85
SRCPARAM L0003506     0.0040797619      3.06      5.58      2.85
SRCPARAM L0003507     0.0040797619      3.06      5.58      2.85
SRCPARAM L0003508     0.0040797619      3.06      5.58      2.85
SRCPARAM L0003509     0.0040797619      3.06      5.58      2.85
SRCPARAM L0003510     0.0040797619      3.06      5.58      2.85
SRCPARAM L0003511     0.0040797619      3.06      5.58      2.85
SRCPARAM L0003512     0.0040797619      3.06      5.58      2.85
SRCPARAM L0003513     0.0040797619      3.06      5.58      2.85
SRCPARAM L0003514     0.0040797619      3.06      5.58      2.85
SRCPARAM L0003515     0.0040797619      3.06      5.58      2.85
SRCPARAM L0003516     0.0040797619      3.06      5.58      2.85
SRCPARAM L0003517     0.0040797619      3.06      5.58      2.85
SRCPARAM L0003518     0.0040797619      3.06      5.58      2.85
SRCPARAM L0003519     0.0040797619      3.06      5.58      2.85
SRCPARAM L0003520     0.0040797619      3.06      5.58      2.85
SRCPARAM L0003521     0.0040797619      3.06      5.58      2.85
SRCPARAM L0003522     0.0040797619      3.06      5.58      2.85
SRCPARAM L0003523     0.0040797619      3.06      5.58      2.85
SRCPARAM L0003524     0.0040797619      3.06      5.58      2.85
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   SRCPARAM L0003525     0.0040797619      3.06      5.58      2.85
   SRCPARAM L0003526     0.0040797619      3.06      5.58      2.85
   SRCPARAM L0003527     0.0040797619      3.06      5.58      2.85
   SRCPARAM L0003528     0.0040797619      3.06      5.58      2.85
   SRCPARAM L0003529     0.0040797619      3.06      5.58      2.85
   SRCPARAM L0003530     0.0040797619      3.06      5.58      2.85
   SRCPARAM L0003531     0.0040797619      3.06      5.58      2.85
   SRCPARAM L0003532     0.0040797619      3.06      5.58      2.85
   SRCPARAM L0003533     0.0040797619      3.06      5.58      2.85
   SRCPARAM L0003534     0.0040797619      3.06      5.58      2.85
   SRCPARAM L0003535     0.0040797619      3.06      5.58      2.85
   SRCPARAM L0003536     0.0040797619      3.06      5.58      2.85
   SRCPARAM L0003537     0.0040797619      3.06      5.58      2.85
   SRCPARAM L0003538     0.0040797619      3.06      5.58      2.85
   SRCPARAM L0003539     0.0040797619      3.06      5.58      2.85
   SRCPARAM L0003540     0.0040797619      3.06      5.58      2.85
   SRCPARAM L0003541     0.0040797619      3.06      5.58      2.85
   SRCPARAM L0003542     0.0040797619      3.06      5.58      2.85
   SRCPARAM L0003543     0.0040797619      3.06      5.58      2.85
   SRCPARAM L0003544     0.0040797619      3.06      5.58      2.85
   SRCPARAM L0003545     0.0040797619      3.06      5.58      2.85
   SRCPARAM L0003546     0.0040797619      3.06      5.58      2.85
   SRCPARAM L0003547     0.0040797619      3.06      5.58      2.85
   SRCPARAM L0003548     0.0040797619      3.06      5.58      2.85
   SRCPARAM L0003549     0.0040797619      3.06      5.58      2.85
   SRCPARAM L0003550     0.0040797619      3.06      5.58      2.85
   SRCPARAM L0003551     0.0040797619      3.06      5.58      2.85
   SRCPARAM L0003552     0.0040797619      3.06      5.58      2.85
   SRCPARAM L0003553     0.0040797619      3.06      5.58      2.85
   SRCPARAM L0003554     0.0040797619      3.06      5.58      2.85
   SRCPARAM L0003555     0.0040797619      3.06      5.58      2.85
   SRCPARAM L0003556     0.0040797619      3.06      5.58      2.85
   SRCPARAM L0003557     0.0040797619      3.06      5.58      2.85
   SRCPARAM L0003558     0.0040797619      3.06      5.58      2.85
   SRCPARAM L0003559     0.0040797619      3.06      5.58      2.85
   SRCPARAM L0003560     0.0040797619      3.06      5.58      2.85
   SRCPARAM L0003561     0.0040797619      3.06      5.58      2.85
   SRCPARAM L0003562     0.0040797619      3.06      5.58      2.85
   SRCPARAM L0003563     0.0040797619      3.06      5.58      2.85
   SRCPARAM L0003564     0.0040797619      3.06      5.58      2.85
   SRCPARAM L0003565     0.0040797619      3.06      5.58      2.85
** ------------------------------------------------------------------
** LINE VOLUME Source ID = SLINE04
   SRCPARAM L0003566     0.0041122449      3.06      5.58      2.85
   SRCPARAM L0003567     0.0041122449      3.06      5.58      2.85
   SRCPARAM L0003568     0.0041122449      3.06      5.58      2.85
   SRCPARAM L0003569     0.0041122449      3.06      5.58      2.85
   SRCPARAM L0003570     0.0041122449      3.06      5.58      2.85
   SRCPARAM L0003571     0.0041122449      3.06      5.58      2.85
   SRCPARAM L0003572     0.0041122449      3.06      5.58      2.85
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   SRCPARAM L0003573     0.0041122449      3.06      5.58      2.85
   SRCPARAM L0003574     0.0041122449      3.06      5.58      2.85
   SRCPARAM L0003575     0.0041122449      3.06      5.58      2.85
   SRCPARAM L0003576     0.0041122449      3.06      5.58      2.85
   SRCPARAM L0003577     0.0041122449      3.06      5.58      2.85
   SRCPARAM L0003578     0.0041122449      3.06      5.58      2.85
   SRCPARAM L0003579     0.0041122449      3.06      5.58      2.85
   SRCPARAM L0003580     0.0041122449      3.06      5.58      2.85
   SRCPARAM L0003581     0.0041122449      3.06      5.58      2.85
   SRCPARAM L0003582     0.0041122449      3.06      5.58      2.85
   SRCPARAM L0003583     0.0041122449      3.06      5.58      2.85
   SRCPARAM L0003584     0.0041122449      3.06      5.58      2.85
   SRCPARAM L0003585     0.0041122449      3.06      5.58      2.85
   SRCPARAM L0003586     0.0041122449      3.06      5.58      2.85
   SRCPARAM L0003587     0.0041122449      3.06      5.58      2.85
   SRCPARAM L0003588     0.0041122449      3.06      5.58      2.85
   SRCPARAM L0003589     0.0041122449      3.06      5.58      2.85
   SRCPARAM L0003590     0.0041122449      3.06      5.58      2.85
   SRCPARAM L0003591     0.0041122449      3.06      5.58      2.85
   SRCPARAM L0003592     0.0041122449      3.06      5.58      2.85
   SRCPARAM L0003593     0.0041122449      3.06      5.58      2.85
   SRCPARAM L0003594     0.0041122449      3.06      5.58      2.85
   SRCPARAM L0003595     0.0041122449      3.06      5.58      2.85
   SRCPARAM L0003596     0.0041122449      3.06      5.58      2.85
   SRCPARAM L0003597     0.0041122449      3.06      5.58      2.85
   SRCPARAM L0003598     0.0041122449      3.06      5.58      2.85
   SRCPARAM L0003599     0.0041122449      3.06      5.58      2.85
   SRCPARAM L0003600     0.0041122449      3.06      5.58      2.85
   SRCPARAM L0003601     0.0041122449      3.06      5.58      2.85
   SRCPARAM L0003602     0.0041122449      3.06      5.58      2.85
   SRCPARAM L0003603     0.0041122449      3.06      5.58      2.85
   SRCPARAM L0003604     0.0041122449      3.06      5.58      2.85
   SRCPARAM L0003605     0.0041122449      3.06      5.58      2.85
   SRCPARAM L0003606     0.0041122449      3.06      5.58      2.85
   SRCPARAM L0003607     0.0041122449      3.06      5.58      2.85
   SRCPARAM L0003608     0.0041122449      3.06      5.58      2.85
   SRCPARAM L0003609     0.0041122449      3.06      5.58      2.85
   SRCPARAM L0003610     0.0041122449      3.06      5.58      2.85
   SRCPARAM L0003611     0.0041122449      3.06      5.58      2.85
   SRCPARAM L0003612     0.0041122449      3.06      5.58      2.85
   SRCPARAM L0003613     0.0041122449      3.06      5.58      2.85
   SRCPARAM L0003614     0.0041122449      3.06      5.58      2.85
** ------------------------------------------------------------------
** LINE VOLUME Source ID = SLINE05
   SRCPARAM L0003615     0.0013294118      3.06      4.05      2.85
   SRCPARAM L0003616     0.0013294118      3.06      4.05      2.85
   SRCPARAM L0003617     0.0013294118      3.06      4.05      2.85
   SRCPARAM L0003618     0.0013294118      3.06      4.05      2.85
   SRCPARAM L0003619     0.0013294118      3.06      4.05      2.85
   SRCPARAM L0003620     0.0013294118      3.06      4.05      2.85
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   SRCPARAM L0003621     0.0013294118      3.06      4.05      2.85
   SRCPARAM L0003622     0.0013294118      3.06      4.05      2.85
   SRCPARAM L0003623     0.0013294118      3.06      4.05      2.85
   SRCPARAM L0003624     0.0013294118      3.06      4.05      2.85
   SRCPARAM L0003625     0.0013294118      3.06      4.05      2.85
   SRCPARAM L0003626     0.0013294118      3.06      4.05      2.85
   SRCPARAM L0003627     0.0013294118      3.06      4.05      2.85
   SRCPARAM L0003628     0.0013294118      3.06      4.05      2.85
   SRCPARAM L0003629     0.0013294118      3.06      4.05      2.85
   SRCPARAM L0003630     0.0013294118      3.06      4.05      2.85
   SRCPARAM L0003631     0.0013294118      3.06      4.05      2.85
** ------------------------------------------------------------------
** LINE VOLUME Source ID = SLINE06
   SRCPARAM L0003632     0.0176677419      0.00      4.05      2.85
   SRCPARAM L0003633     0.0176677419      0.00      4.05      2.85
   SRCPARAM L0003634     0.0176677419      0.00      4.05      2.85
   SRCPARAM L0003635     0.0176677419      0.00      4.05      2.85
   SRCPARAM L0003636     0.0176677419      0.00      4.05      2.85
   SRCPARAM L0003637     0.0176677419      0.00      4.05      2.85
   SRCPARAM L0003638     0.0176677419      0.00      4.05      2.85
   SRCPARAM L0003639     0.0176677419      0.00      4.05      2.85
   SRCPARAM L0003640     0.0176677419      0.00      4.05      2.85
   SRCPARAM L0003641     0.0176677419      0.00      4.05      2.85
   SRCPARAM L0003642     0.0176677419      0.00      4.05      2.85
   SRCPARAM L0003643     0.0176677419      0.00      4.05      2.85
   SRCPARAM L0003644     0.0176677419      0.00      4.05      2.85
   SRCPARAM L0003645     0.0176677419      0.00      4.05      2.85
   SRCPARAM L0003646     0.0176677419      0.00      4.05      2.85
   SRCPARAM L0003647     0.0176677419      0.00      4.05      2.85
   SRCPARAM L0003648     0.0176677419      0.00      4.05      2.85
   SRCPARAM L0003649     0.0176677419      0.00      4.05      2.85
   SRCPARAM L0003650     0.0176677419      0.00      4.05      2.85
   SRCPARAM L0003651     0.0176677419      0.00      4.05      2.85
   SRCPARAM L0003652     0.0176677419      0.00      4.05      2.85
   SRCPARAM L0003653     0.0176677419      0.00      4.05      2.85
   SRCPARAM L0003654     0.0176677419      0.00      4.05      2.85
   SRCPARAM L0003655     0.0176677419      0.00      4.05      2.85
   SRCPARAM L0003656     0.0176677419      0.00      4.05      2.85
   SRCPARAM L0003657     0.0176677419      0.00      4.05      2.85
   SRCPARAM L0003658     0.0176677419      0.00      4.05      2.85
   SRCPARAM L0003659     0.0176677419      0.00      4.05      2.85
   SRCPARAM L0003660     0.0176677419      0.00      4.05      2.85
   SRCPARAM L0003661     0.0176677419      0.00      4.05      2.85
   SRCPARAM L0003662     0.0176677419      0.00      4.05      2.85
** ------------------------------------------------------------------
** LINE VOLUME Source ID = SLINE07
   SRCPARAM L0003675     0.0126157895      3.06      4.05      2.85
   SRCPARAM L0003676     0.0126157895      3.06      4.05      2.85
   SRCPARAM L0003677     0.0126157895      3.06      4.05      2.85
   SRCPARAM L0003678     0.0126157895      3.06      4.05      2.85
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   SRCPARAM L0003679     0.0126157895      3.06      4.05      2.85
   SRCPARAM L0003680     0.0126157895      3.06      4.05      2.85
   SRCPARAM L0003681     0.0126157895      3.06      4.05      2.85
   SRCPARAM L0003682     0.0126157895      3.06      4.05      2.85
   SRCPARAM L0003683     0.0126157895      3.06      4.05      2.85
   SRCPARAM L0003684     0.0126157895      3.06      4.05      2.85
   SRCPARAM L0003685     0.0126157895      3.06      4.05      2.85
   SRCPARAM L0003686     0.0126157895      3.06      4.05      2.85
   SRCPARAM L0003687     0.0126157895      3.06      4.05      2.85
   SRCPARAM L0003688     0.0126157895      3.06      4.05      2.85
   SRCPARAM L0003689     0.0126157895      3.06      4.05      2.85
   SRCPARAM L0003690     0.0126157895      3.06      4.05      2.85
   SRCPARAM L0003691     0.0126157895      3.06      4.05      2.85
   SRCPARAM L0003692     0.0126157895      3.06      4.05      2.85
   SRCPARAM L0003693     0.0126157895      3.06      4.05      2.85
** ------------------------------------------------------------------
** LINE VOLUME Source ID = SLINE08
   SRCPARAM L0003694     0.0125058824      3.06      4.05      2.85
   SRCPARAM L0003695     0.0125058824      3.06      4.05      2.85
   SRCPARAM L0003696     0.0125058824      3.06      4.05      2.85
   SRCPARAM L0003697     0.0125058824      3.06      4.05      2.85
   SRCPARAM L0003698     0.0125058824      3.06      4.05      2.85
   SRCPARAM L0003699     0.0125058824      3.06      4.05      2.85
   SRCPARAM L0003700     0.0125058824      3.06      4.05      2.85
   SRCPARAM L0003701     0.0125058824      3.06      4.05      2.85
   SRCPARAM L0003702     0.0125058824      3.06      4.05      2.85
   SRCPARAM L0003703     0.0125058824      3.06      4.05      2.85
   SRCPARAM L0003704     0.0125058824      3.06      4.05      2.85
   SRCPARAM L0003705     0.0125058824      3.06      4.05      2.85
   SRCPARAM L0003706     0.0125058824      3.06      4.05      2.85
   SRCPARAM L0003707     0.0125058824      3.06      4.05      2.85
   SRCPARAM L0003708     0.0125058824      3.06      4.05      2.85
   SRCPARAM L0003709     0.0125058824      3.06      4.05      2.85
   SRCPARAM L0003710     0.0125058824      3.06      4.05      2.85
** ------------------------------------------------------------------
** LINE VOLUME Source ID = SLINE09
   SRCPARAM L0003711     0.0295333333      3.06      4.05      2.85
   SRCPARAM L0003712     0.0295333333      3.06      4.05      2.85
   SRCPARAM L0003713     0.0295333333      3.06      4.05      2.85
   SRCPARAM L0003714     0.0295333333      3.06      4.05      2.85
   SRCPARAM L0003715     0.0295333333      3.06      4.05      2.85
   SRCPARAM L0003716     0.0295333333      3.06      4.05      2.85
   SRCPARAM L0003717     0.0295333333      3.06      4.05      2.85
   SRCPARAM L0003718     0.0295333333      3.06      4.05      2.85
   SRCPARAM L0003719     0.0295333333      3.06      4.05      2.85
** ------------------------------------------------------------------
** LINE VOLUME Source ID = SLINE10
   SRCPARAM L0003720      0.027725      3.06      4.05      2.85
   SRCPARAM L0003721      0.027725      3.06      4.05      2.85
   SRCPARAM L0003722      0.027725      3.06      4.05      2.85
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   SRCPARAM L0003723      0.027725      3.06      4.05      2.85
   SRCPARAM L0003724      0.027725      3.06      4.05      2.85
   SRCPARAM L0003725      0.027725      3.06      4.05      2.85
   SRCPARAM L0003726      0.027725      3.06      4.05      2.85
   SRCPARAM L0003727      0.027725      3.06      4.05      2.85
** ------------------------------------------------------------------
** LINE VOLUME Source ID = SLINE11
   SRCPARAM L0003728        0.0248      3.06      4.05      2.85
   SRCPARAM L0003729        0.0248      3.06      4.05      2.85
   SRCPARAM L0003730        0.0248      3.06      4.05      2.85
** ------------------------------------------------------------------
** LINE VOLUME Source ID = SLINE12
   SRCPARAM L0003731     0.0273428571      3.06      4.05      2.85
   SRCPARAM L0003732     0.0273428571      3.06      4.05      2.85
   SRCPARAM L0003733     0.0273428571      3.06      4.05      2.85
   SRCPARAM L0003734     0.0273428571      3.06      4.05      2.85
   SRCPARAM L0003735     0.0273428571      3.06      4.05      2.85
   SRCPARAM L0003736     0.0273428571      3.06      4.05      2.85
   SRCPARAM L0003737     0.0273428571      3.06      4.05      2.85
** ------------------------------------------------------------------
** LINE VOLUME Source ID = SLINE13
   SRCPARAM L0003738     0.0308125      3.06      4.05      2.85
   SRCPARAM L0003739     0.0308125      3.06      4.05      2.85
   SRCPARAM L0003740     0.0308125      3.06      4.05      2.85
   SRCPARAM L0003741     0.0308125      3.06      4.05      2.85
   SRCPARAM L0003742     0.0308125      3.06      4.05      2.85
   SRCPARAM L0003743     0.0308125      3.06      4.05      2.85
   SRCPARAM L0003744     0.0308125      3.06      4.05      2.85
   SRCPARAM L0003745     0.0308125      3.06      4.05      2.85
** ------------------------------------------------------------------
   SRCPARAM STCK1             0.33     5.000   763.850   224.391     0.229
   SRCPARAM STCK2             0.33     5.000   763.850   224.391     0.229
   SRCPARAM STCK3             0.33     5.000   763.850   224.391     0.229
   SRCPARAM STCK4              1.0     5.000   763.850   224.391     0.229
   SRCPARAM STCK5              0.5     5.000   763.850   224.391     0.229
   SRCPARAM STCK6              0.5     5.000   763.850   224.391     0.229

** Building Downwash **
   BUILDHGT STCK1          16.00    16.00    16.00    16.00    16.00    16.00
   BUILDHGT STCK1          16.00    16.00    16.00    16.00    16.00    16.00
   BUILDHGT STCK1          16.00    16.00    16.00    16.00    16.00    16.00
   BUILDHGT STCK1          16.00    16.00    16.00    16.00    16.00    16.00
   BUILDHGT STCK1          16.00    16.00    16.00    16.00    16.00    16.00
   BUILDHGT STCK1          16.00    16.00    16.00    16.00    16.00    16.00

   BUILDHGT STCK2          16.00    16.00    16.00    16.00    16.00    16.00
   BUILDHGT STCK2          16.00    16.00    16.00    16.00    16.00    16.00
   BUILDHGT STCK2          16.00    16.00    16.00    16.00    16.00    16.00
   BUILDHGT STCK2          16.00    16.00    16.00    16.00    16.00    16.00
   BUILDHGT STCK2          16.00    16.00    16.00    16.00    16.00    16.00
```

BUILDHGT STCK2	16.00	16.00	16.00	16.00	16.00	16.00
BUILDHGT STCK3	16.00	16.00	16.00	16.00	16.00	16.00
BUILDHGT STCK3	16.00	16.00	16.00	16.00	16.00	16.00
BUILDHGT STCK3	16.00	16.00	16.00	16.00	16.00	16.00
BUILDHGT STCK3	16.00	16.00	16.00	16.00	16.00	16.00
BUILDHGT STCK3	16.00	16.00	16.00	16.00	16.00	16.00
BUILDHGT STCK4	16.00	16.00	16.00	16.00	16.00	16.00
BUILDHGT STCK4	16.00	16.00	16.00	16.00	16.00	16.00
BUILDHGT STCK4	16.00	16.00	16.00	16.00	16.00	16.00
BUILDHGT STCK4	16.00	16.00	16.00	16.00	16.00	16.00
BUILDHGT STCK4	16.00	16.00	16.00	16.00	16.00	16.00
BUILDHGT STCK4	16.00	16.00	16.00	16.00	16.00	16.00
BUILDHGT STCK5	16.00	16.00	16.00	16.00	16.00	16.00
BUILDHGT STCK5	16.00	16.00	16.00	16.00	16.00	16.00
BUILDHGT STCK5	16.00	16.00	16.00	16.00	16.00	16.00
BUILDHGT STCK5	16.00	16.00	16.00	16.00	16.00	16.00
BUILDHGT STCK5	16.00	16.00	16.00	16.00	16.00	16.00
BUILDHGT STCK5	16.00	16.00	16.00	16.00	16.00	16.00
BUILDHGT STCK6	16.00	16.00	16.00	16.00	16.00	16.00
BUILDHGT STCK6	16.00	16.00	16.00	16.00	16.00	16.00
BUILDHGT STCK6	16.00	16.00	16.00	16.00	16.00	16.00
BUILDHGT STCK6	16.00	16.00	16.00	16.00	16.00	16.00
BUILDHGT STCK6	16.00	16.00	16.00	16.00	16.00	16.00
BUILDHGT STCK6	16.00	16.00	16.00	16.00	16.00	16.00
BUILDWID STCK1	128.13	150.64	168.58	181.39	188.69	190.25
BUILDWID STCK1	186.04	176.17	161.18	172.66	179.06	180.02
BUILDWID STCK1	175.51	165.67	153.65	140.89	123.86	103.34
BUILDWID STCK1	128.13	150.64	168.58	181.39	188.69	190.25
BUILDWID STCK1	186.04	176.17	161.18	172.66	179.06	180.02
BUILDWID STCK1	175.51	165.67	153.65	140.89	123.86	103.34
BUILDWID STCK2	167.54	170.45	168.19	160.81	148.54	131.77
BUILDWID STCK2	110.99	86.83	60.08	86.25	110.16	130.72
BUILDWID STCK2	147.31	159.42	166.69	168.90	165.97	159.54
BUILDWID STCK2	167.54	170.45	168.19	160.81	148.54	131.77
BUILDWID STCK2	110.98	86.83	60.08	86.25	110.16	130.72
BUILDWID STCK2	147.31	159.42	166.69	168.90	165.97	159.54
BUILDWID STCK3	167.54	170.45	168.19	160.81	69.18	69.63
BUILDWID STCK3	67.97	64.24	59.20	68.09	74.91	130.72
BUILDWID STCK3	147.31	159.42	166.69	73.23	65.80	56.64
BUILDWID STCK3	61.11	170.45	168.19	160.81	69.18	69.63
BUILDWID STCK3	67.97	64.24	59.20	68.09	74.91	130.72
BUILDWID STCK3	147.31	159.42	166.69	168.90	165.97	159.54

BUILDWID STCK4	168.75	172.15	170.32	163.31	151.35	134.78
BUILDWID STCK4	114.12	89.99	63.18	82.83	107.28	128.48
BUILDWID STCK4	145.78	158.64	166.69	169.67	167.49	160.32
BUILDWID STCK4	168.75	172.15	170.32	163.31	151.35	134.78
BUILDWID STCK4	114.12	89.99	63.18	82.83	107.28	128.48
BUILDWID STCK4	145.78	158.64	166.69	169.67	167.49	160.32
BUILDWID STCK5	147.08	152.91	154.09	150.59	142.52	130.11
BUILDWID STCK5	113.75	93.94	85.33	106.03	123.83	137.86
BUILDWID STCK5	147.71	154.86	157.76	155.86	149.23	138.38
BUILDWID STCK5	147.08	152.91	154.09	150.59	142.52	130.11
BUILDWID STCK5	113.75	93.94	85.33	106.03	123.83	137.86
BUILDWID STCK5	147.71	154.86	157.76	155.86	149.23	138.38
BUILDWID STCK6	147.08	152.91	154.09	150.59	142.52	130.11
BUILDWID STCK6	113.75	93.94	85.33	106.03	123.83	137.86
BUILDWID STCK6	147.71	154.86	157.76	155.86	149.23	138.38
BUILDWID STCK6	147.08	152.91	154.09	150.59	142.52	130.11
BUILDWID STCK6	113.75	93.94	85.33	106.03	123.83	137.86
BUILDWID STCK6	147.71	154.86	157.76	155.86	149.23	138.38
BUILDLEN STCK1	172.66	179.06	180.02	175.51	165.67	153.65
BUILDLEN STCK1	140.89	123.86	103.34	128.13	150.64	168.58
BUILDLEN STCK1	181.39	188.69	190.25	186.04	176.17	161.18
BUILDLEN STCK1	172.66	179.06	180.02	175.51	165.67	153.65
BUILDLEN STCK1	140.89	123.86	103.34	128.13	150.64	168.58
BUILDLEN STCK1	181.39	188.69	190.25	186.04	176.17	161.18
BUILDLEN STCK2	86.25	110.16	130.72	147.31	159.42	166.69
BUILDLEN STCK2	168.90	165.97	159.54	167.54	170.45	168.19
BUILDLEN STCK2	160.81	148.54	131.77	110.98	86.83	60.08
BUILDLEN STCK2	86.25	110.16	130.72	147.31	159.42	166.69
BUILDLEN STCK2	168.90	165.97	159.54	167.54	170.45	168.19
BUILDLEN STCK2	160.81	148.54	131.77	110.98	86.83	60.08
BUILDLEN STCK3	86.25	110.16	130.72	147.31	81.24	78.43
BUILDLEN STCK3	73.23	65.80	56.64	61.11	63.77	168.19
BUILDLEN STCK3	160.81	148.54	131.77	67.97	64.24	59.20
BUILDLEN STCK3	68.09	110.16	130.72	147.31	81.24	78.43
BUILDLEN STCK3	73.23	65.80	56.64	61.11	63.77	168.19
BUILDLEN STCK3	160.81	148.54	131.77	110.98	86.83	60.08
BUILDLEN STCK4	82.83	107.28	128.48	145.78	158.64	166.69
BUILDLEN STCK4	169.67	167.49	160.32	168.75	172.15	170.32
BUILDLEN STCK4	163.31	151.35	134.78	114.12	89.99	63.18
BUILDLEN STCK4	82.83	107.28	128.48	145.78	158.64	166.69
BUILDLEN STCK4	169.67	167.49	160.32	168.75	172.15	170.32
BUILDLEN STCK4	163.31	151.35	134.78	114.12	89.99	63.18

BUILDLEN	STCK5	106.03	123.83	137.86	147.71	154.86	157.76
BUILDLEN	STCK5	155.86	149.23	138.38	147.08	152.91	154.09
BUILDLEN	STCK5	150.59	142.52	130.11	113.75	93.94	85.33
BUILDLEN	STCK5	106.03	123.83	137.86	147.71	154.86	157.76
BUILDLEN	STCK5	155.86	149.23	138.38	147.08	152.91	154.09
BUILDLEN	STCK5	150.59	142.52	130.11	113.75	93.94	85.33
BUILDLEN	STCK6	106.03	123.83	137.86	147.71	154.86	157.76
BUILDLEN	STCK6	155.86	149.23	138.38	147.08	152.91	154.09
BUILDLEN	STCK6	150.59	142.52	130.11	113.75	93.94	85.33
BUILDLEN	STCK6	106.03	123.83	137.86	147.71	154.86	157.76
BUILDLEN	STCK6	155.86	149.23	138.38	147.08	152.91	154.09
BUILDLEN	STCK6	150.59	142.52	130.11	113.75	93.94	85.33
XBADJ	STCK1	-170.99	-177.86	-179.33	-175.35	-166.05	-154.55
XBADJ	STCK1	-142.29	-125.71	-105.59	-104.31	-99.86	-92.37
XBADJ	STCK1	-82.08	-69.30	-54.41	-37.86	-20.17	-2.09
XBADJ	STCK1	-1.67	-1.19	-0.68	-0.15	0.38	0.90
XBADJ	STCK1	1.40	1.85	2.25	-23.82	-50.78	-76.20
XBADJ	STCK1	-99.30	-119.39	-135.85	-148.18	-156.00	-159.09
XBADJ	STCK2	-54.06	-51.17	-46.73	-40.87	-33.76	-25.63
XBADJ	STCK2	-16.72	-7.30	2.19	1.33	0.43	-0.49
XBADJ	STCK2	-1.39	-2.25	-3.04	-3.73	-4.32	-4.77
XBADJ	STCK2	-32.19	-58.98	-83.99	-106.44	-125.66	-141.06
XBADJ	STCK2	-152.18	-158.67	-161.73	-168.87	-170.88	-167.70
XBADJ	STCK2	-159.42	-146.30	-128.73	-107.25	-82.51	-55.31
XBADJ	STCK3	-130.87	-134.39	-133.83	-129.20	-40.11	-45.61
XBADJ	STCK3	-49.72	-52.32	-53.33	-58.10	-61.17	-15.22
XBADJ	STCK3	-0.78	13.70	27.75	-68.22	-65.11	-60.35
XBADJ	STCK3	-59.96	24.23	3.11	-18.11	-41.13	-32.82
XBADJ	STCK3	-23.51	-13.48	-3.31	-3.00	-2.61	-152.96
XBADJ	STCK3	-160.03	-162.24	-159.52	-151.95	-139.76	-123.37
XBADJ	STCK4	-2.08	-1.57	-1.02	-0.43	0.17	0.77
XBADJ	STCK4	1.34	1.87	2.35	-8.06	-18.33	-28.03
XBADJ	STCK4	-36.89	-44.63	-51.00	-55.83	-58.97	-60.36
XBADJ	STCK4	-80.74	-105.71	-127.47	-145.35	-158.82	-167.46
XBADJ	STCK4	-171.01	-169.37	-162.67	-160.69	-153.82	-142.29
XBADJ	STCK4	-126.43	-106.72	-83.78	-58.29	-31.02	-2.82
XBADJ	STCK5	-0.16	-0.97	-1.75	-2.48	-3.14	-3.70
XBADJ	STCK5	-4.14	-4.46	-4.65	-17.94	-32.28	-45.64
XBADJ	STCK5	-57.61	-67.83	-75.99	-81.85	-85.21	-85.99
XBADJ	STCK5	-105.87	-122.86	-136.11	-145.22	-151.72	-154.06
XBADJ	STCK5	-151.72	-144.76	-133.73	-129.14	-120.63	-108.45
XBADJ	STCK5	-92.98	-74.68	-54.12	-31.91	-8.73	0.66
XBADJ	STCK6	-1.74	-4.50	-7.12	-9.53	-11.65	-13.42

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XBADJ    STCK6          -14.78   -15.69   -16.12   -29.30   -43.20   -55.78
XBADJ    STCK6          -66.67   -75.53   -82.09   -86.16   -87.62   -86.41
XBADJ    STCK6         -104.29  -119.33  -130.74  -138.17  -143.21  -144.34
XBADJ    STCK6         -141.08  -133.54  -122.26  -117.77  -109.71   -98.31
XBADJ    STCK6          -83.92   -66.99   -48.02   -27.59    -6.32     1.08

YBADJ    STCK1           40.24    24.54     8.09    -8.61   -25.05   -40.72
YBADJ    STCK1          -55.16   -67.92   -78.50   -84.66   -88.33   -89.32
YBADJ    STCK1          -87.60   -83.21   -77.73   -71.85   -63.78   -53.92
YBADJ    STCK1          -40.24   -24.54    -8.09     8.61    25.05    40.72
YBADJ    STCK1           55.16    67.92    78.50    84.66    88.33    89.32
YBADJ    STCK1           87.60    83.21    77.73    71.85    63.78    53.92

YBADJ    STCK2          -85.10   -85.65   -83.60   -79.02   -72.03   -62.85
YBADJ    STCK2          -51.76   -39.10   -25.27   -10.94     3.90    18.63
YBADJ    STCK2           32.79    45.95    57.72    67.73    75.68    81.96
YBADJ    STCK2           85.10    85.65    83.60    79.02    72.03    62.85
YBADJ    STCK2           51.76    39.10    25.27    10.94    -3.90   -18.63
YBADJ    STCK2          -32.79   -45.95   -57.72   -67.73   -75.68   -81.96

YBADJ    STCK3          -41.46   -56.02   -68.87   -79.63    33.59    34.43
YBADJ    STCK3           34.23    32.99    30.75    25.92    20.30   -68.47
YBADJ    STCK3          -55.54   -40.93   -25.08   -13.11   -19.42   -25.01
YBADJ    STCK3          -27.55    56.02    68.87    79.63   -33.59   -34.43
YBADJ    STCK3          -34.23   -32.99   -30.75   -25.92   -20.30    68.47
YBADJ    STCK3           55.54    40.93    25.08     8.46    -8.41   -25.65

YBADJ    STCK4          -76.31   -67.75   -57.13   -44.77   -31.05   -16.39
YBADJ    STCK4           -1.23    13.97    28.77    39.33    52.07    63.23
YBADJ    STCK4           72.46    79.50    84.11    86.18    85.62    82.51
YBADJ    STCK4           76.31    67.75    57.13    44.77    31.05    16.39
YBADJ    STCK4            1.23   -13.97   -28.77   -39.33   -52.07   -63.23
YBADJ    STCK4          -72.46   -79.50   -84.11   -86.18   -85.62   -82.51

YBADJ    STCK5          -55.60   -44.18   -31.41   -17.69    -3.43    10.94
YBADJ    STCK5           24.97    38.24    43.33    52.86    60.94    67.18
YBADJ    STCK5           71.37    74.29    75.18    73.79    70.15    64.54
YBADJ    STCK5           55.60    44.18    31.41    17.69     3.43   -10.94
YBADJ    STCK5          -24.97   -38.24   -43.33   -52.86   -60.94   -67.18
YBADJ    STCK5          -71.37   -74.29   -75.18   -73.79   -70.15   -64.54

YBADJ    STCK6          -44.23   -33.26   -21.27    -8.63     4.27    17.04
YBADJ    STCK6           29.29    40.65    43.74    51.28    57.41    61.81
YBADJ    STCK6           64.32    65.78    65.46    63.15    58.93    53.07
YBADJ    STCK6           44.23    33.26    21.27     8.63    -4.27   -17.04
YBADJ    STCK6          -29.29   -40.65   -43.74   -51.28   -57.41   -61.81
YBADJ    STCK6          -64.32   -65.78   -65.46   -63.15   -58.93   -53.07

URBANSRC ALL
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** Variable Emissions Type: "By Hour / Seven Days (HRDOW7)"
** Variable Emission Scenario: "Scenario 1"
   EMISFACT STCK1        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK1        HRDOW7 0.0 0.0 0.0 0.0 0.0 1.0 0.0 0.0
   EMISFACT STCK1        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK1        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK1        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK1        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK1        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK1        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK1        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK1        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK1        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK1        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK1        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK1        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK1        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK1        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK1        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK1        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK1        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK1        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK1        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK2        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK2        HRDOW7 0.0 0.0 0.0 0.0 0.0 1.0 0.0 0.0
   EMISFACT STCK2        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK2        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK2        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK2        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK2        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK2        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK2        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK2        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK2        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK2        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK2        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK2        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK2        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK2        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK2        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK2        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK2        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK3        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK3        HRDOW7 0.0 0.0 0.0 0.0 0.0 1.0 0.0 0.0
   EMISFACT STCK3        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK3        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK3        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK3        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT STCK3        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT STCK4        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT STCK5        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT STCK5        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT STCK6        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT STCK6        HRDOW7 0.0 0.0 0.0 0.0 0.0 1.0 0.0 0.0
EMISFACT STCK6        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT STCK6        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT STCK6        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT STCK6        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
SRCGROUP Road     L0003096 L0003097 L0003098 L0003099 L0003100 L0003101
SRCGROUP Road     L0003102 L0003103 L0003104 L0003105 L0003106 L0003107
SRCGROUP Road     L0003108 L0003109 L0003110 L0003111 L0003112 L0003113
SRCGROUP Road     L0003114 L0003115 L0003116 L0003117 L0003118 L0003119
SRCGROUP Road     L0003120 L0003121 L0003122 L0003123 L0003124 L0003125
SRCGROUP Road     L0003126 L0003127 L0003128 L0003129 L0003130 L0003131
SRCGROUP Road     L0003132 L0003133 L0003134 L0003135 L0003136 L0003137
SRCGROUP Road     L0003138 L0003139 L0003140 L0003141 L0003142 L0003143
SRCGROUP Road     L0003144 L0003145 L0003146 L0003147 L0003148 L0003149
SRCGROUP Road     L0003150 L0003151 L0003152 L0003153 L0003154 L0003155
SRCGROUP Road     L0003156 L0003157 L0003158 L0003159 L0003160 L0003161
SRCGROUP Road     L0003162 L0003163 L0003615 L0003616 L0003617 L0003618
SRCGROUP Road     L0003619 L0003620 L0003621 L0003622 L0003623 L0003624
SRCGROUP Road     L0003625 L0003626 L0003627 L0003628 L0003629 L0003630
SRCGROUP Road     L0003631 L0003398 L0003399 L0003400 L0003401 L0003402
SRCGROUP Road     L0003403 L0003404 L0003405 L0003406 L0003407 L0003408
SRCGROUP Road     L0003409 L0003410 L0003411 L0003412 L0003413 L0003414
SRCGROUP Road     L0003415 L0003416 L0003417 L0003418 L0003419 L0003420
SRCGROUP Road     L0003421 L0003422 L0003423 L0003424 L0003425 L0003426
SRCGROUP Road     L0003427 L0003428 L0003429 L0003430 L0003431 L0003432
SRCGROUP Road     L0003433 L0003434 L0003435 L0003436 L0003437 L0003438
SRCGROUP Road     L0003439 L0003440 L0003441 L0003442 L0003443 L0003444
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SRCGROUP Road     L0003445 L0003446 L0003447 L0003448 L0003449 L0003450
SRCGROUP Road     L0003451 L0003452 L0003453 L0003454 L0003455 L0003456
SRCGROUP Road     L0003457 L0003458 L0003459 L0003460 L0003461 L0003462
SRCGROUP Road     L0003463 L0003464 L0003465 L0003466 L0003467 L0003468
SRCGROUP Road     L0003469 L0003470 L0003471 L0003472 L0003473 L0003474
SRCGROUP Road     L0003475 L0003476 L0003477 L0003478 L0003479 L0003480
SRCGROUP Road     L0003481 L0003482 L0003483 L0003484 L0003485 L0003486
SRCGROUP Road     L0003487 L0003488 L0003489 L0003490 L0003491 L0003492
SRCGROUP Road     L0003493 L0003494 L0003495 L0003496 L0003497 L0003498
SRCGROUP Road     L0003499 L0003500 L0003501 L0003502 L0003503 L0003504
SRCGROUP Road     L0003505 L0003506 L0003507 L0003508 L0003509 L0003510
SRCGROUP Road     L0003511 L0003512 L0003513 L0003514 L0003515 L0003516
SRCGROUP Road     L0003517 L0003518 L0003519 L0003520 L0003521 L0003522
SRCGROUP Road     L0003523 L0003524 L0003525 L0003526 L0003527 L0003528
SRCGROUP Road     L0003529 L0003530 L0003531 L0003532 L0003533 L0003534
SRCGROUP Road     L0003535 L0003536 L0003537 L0003538 L0003539 L0003540
SRCGROUP Road     L0003541 L0003542 L0003543 L0003544 L0003545 L0003546
SRCGROUP Road     L0003547 L0003548 L0003549 L0003550 L0003551 L0003552
SRCGROUP Road     L0003553 L0003554 L0003555 L0003556 L0003557 L0003558
SRCGROUP Road     L0003559 L0003560 L0003561 L0003562 L0003563 L0003564
SRCGROUP Road     L0003565 L0003566 L0003567 L0003568 L0003569 L0003570
SRCGROUP Road     L0003571 L0003572 L0003573 L0003574 L0003575 L0003576
SRCGROUP Road     L0003577 L0003578 L0003579 L0003580 L0003581 L0003582
SRCGROUP Road     L0003583 L0003584 L0003585 L0003586 L0003587 L0003588
SRCGROUP Road     L0003589 L0003590 L0003591 L0003592 L0003593 L0003594
SRCGROUP Road     L0003595 L0003596 L0003597 L0003598 L0003599 L0003600
SRCGROUP Road     L0003601 L0003602 L0003603 L0003604 L0003605 L0003606
SRCGROUP Road     L0003607 L0003608 L0003609 L0003610 L0003611 L0003612
SRCGROUP Road     L0003613 L0003614
SRCGROUP Onsite   L0003632 L0003633 L0003634 L0003635 L0003636 L0003637
SRCGROUP Onsite   L0003638 L0003639 L0003640 L0003641 L0003642 L0003643
SRCGROUP Onsite   L0003644 L0003645 L0003646 L0003647 L0003648 L0003649
SRCGROUP Onsite   L0003650 L0003651 L0003652 L0003653 L0003654 L0003655
SRCGROUP Onsite   L0003656 L0003657 L0003658 L0003659 L0003660 L0003661
SRCGROUP Onsite   L0003662 L0003675 L0003676 L0003677 L0003678 L0003679
SRCGROUP Onsite   L0003680 L0003681 L0003682 L0003683 L0003684 L0003685
SRCGROUP Onsite   L0003686 L0003687 L0003688 L0003689 L0003690 L0003691
SRCGROUP Onsite   L0003692 L0003693 L0003694 L0003695 L0003696 L0003697
SRCGROUP Onsite   L0003698 L0003699 L0003700 L0003701 L0003702 L0003703
SRCGROUP Onsite   L0003704 L0003705 L0003706 L0003707 L0003708 L0003709
SRCGROUP Onsite   L0003710
SRCGROUP OnIdle   L0003711 L0003712 L0003713 L0003714 L0003715 L0003716
SRCGROUP OnIdle   L0003717 L0003718 L0003719 L0003720 L0003721 L0003722
SRCGROUP OnIdle   L0003723 L0003724 L0003725 L0003726 L0003727 L0003728
SRCGROUP OnIdle   L0003729 L0003730 L0003731 L0003732 L0003733 L0003734
SRCGROUP OnIdle   L0003735 L0003736 L0003737 L0003738 L0003739 L0003740
SRCGROUP OnIdle   L0003741 L0003742 L0003743 L0003744 L0003745
SRCGROUP S1Gen    STCK1 STCK2 STCK3
SRCGROUP S2Gen    STCK4
SRCGROUP S3Gen    STCK5 STCK6
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   SRCGROUP ALL
SO FINISHED
**
**************************************
** AERMOD Receptor Pathway
**************************************
**
**
RE STARTING
   INCLUDED Ops_r.rou
RE FINISHED
**
**************************************
** AERMOD Meteorology Pathway
**************************************
**
**
ME STARTING
   SURFFILE PERI_V9_ADJU\PERI_v9.SFC
   PROFFILE PERI_V9_ADJU\PERI_v9.PFL
   SURFDATA 3171 2010
   UAIRDATA 3190 2010
   SITEDATA 99999 2010
   PROFBASE 442.0 METERS
ME FINISHED
**
**************************************
** AERMOD Output Pathway
**************************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST
   RECTABLE 1 1ST
** Auto-Generated Plotfiles
   PLOTFILE 1 ALL 1ST OPS_R.AD\01H1GALL.PLT 31
   PLOTFILE 1 Road 1ST OPS_R.AD\01H1G001.PLT 32
   PLOTFILE 1 Onsite 1ST OPS_R.AD\01H1G002.PLT 33
   PLOTFILE 1 OnIdle 1ST OPS_R.AD\01H1G003.PLT 34
   PLOTFILE 1 S1Gen 1ST OPS_R.AD\01H1G004.PLT 35
   PLOTFILE 1 S2Gen 1ST OPS_R.AD\01H1G005.PLT 36
   PLOTFILE 1 S3Gen 1ST OPS_R.AD\01H1G006.PLT 37
   PLOTFILE PERIOD ALL OPS_R.AD\PE00GALL.PLT 38
   PLOTFILE PERIOD Road OPS_R.AD\PE00G001.PLT 39
   PLOTFILE PERIOD Onsite OPS_R.AD\PE00G002.PLT 40
   PLOTFILE PERIOD OnIdle OPS_R.AD\PE00G003.PLT 41
   PLOTFILE PERIOD S1Gen OPS_R.AD\PE00G004.PLT 42
   PLOTFILE PERIOD S2Gen OPS_R.AD\PE00G005.PLT 43
   PLOTFILE PERIOD S3Gen OPS_R.AD\PE00G006.PLT 44
   SUMMFILE Ops_r.sum
```

```
OU FINISHED


  *** Message Summary For AERMOD Model Setup ***

  --------- Summary of Total Messages --------

 A Total of            0 Fatal Error Message(s)
 A Total of            8 Warning Message(s)
 A Total of            0 Informational Message(s)


    ******** FATAL ERROR MESSAGES ********
               ***  NONE  ***


    ********   WARNING MESSAGES   ********
 SO W320    1080        PPARM: Input Parameter May Be Out-of-Range for Parameter
       VS
 SO W320    1081        PPARM: Input Parameter May Be Out-of-Range for Parameter
       VS
 SO W320    1082        PPARM: Input Parameter May Be Out-of-Range for Parameter
       VS
 SO W320    1083        PPARM: Input Parameter May Be Out-of-Range for Parameter
       VS
 SO W320    1084        PPARM: Input Parameter May Be Out-of-Range for Parameter
       VS
 SO W320    1085        PPARM: Input Parameter May Be Out-of-Range for Parameter
       VS
 ME W186    1524       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
     0.50
 ME W187    1524       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET


 ***********************************
 *** SETUP Finishes Successfully ***
 ***********************************

 *** AERMOD - VERSION 22112  ***   *** Compass Operations
                              ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                             ***        17:12:53

                                      PAGE   1
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                                ***     MODEL SETUP OPTIONS SUMMARY
 ***
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - -
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 ** Model Options Selected:
      * Model Uses Regulatory DEFAULT Options
      * Model Is Setup For Calculation of Average CONCentration Values.
      * NO GAS DEPOSITION Data Provided.
      * NO PARTICLE DEPOSITION Data Provided.
      * Model Uses NO DRY DEPLETION. DDPLETE  =  F
      * Model Uses NO WET DEPLETION. WETDPLT  =  F
      * Stack-tip Downwash.
      * Model Accounts for ELEVated Terrain Effects.
      * Use Calms Processing Routine.
      * Use Missing Data Processing Routine.
      * No Exponential Decay.
      * Model Uses URBAN Dispersion Algorithm for the SBL for   410 Source(s),
        for Total of    1 Urban Area(s):
   Urban Population =   2189641.0 ;  Urban Roughness Length =  1.000 m
      * Urban Roughness Length of 1.0 Meter Used.
      * ADJ_U*   - Use ADJ_U* option for SBL in AERMET
      * CCVR_Sub - Meteorological data includes CCVR substitutions
      * TEMP_Sub - Meteorological data includes TEMP substitutions
      * Model Assumes No FLAGPOLE Receptor Heights.
      * The User Specified a Pollutant Type of: PM_10

 **Model Calculates  1 Short Term Average(s) of:   1-HR
     and Calculates PERIOD Averages

 **This Run Includes:    410 Source(s);       7 Source Group(s); and    2559
Receptor(s)

                with:      6 POINT(s), including
                           0 POINTCAP(s) and      0 POINTHOR(s)
                 and:    404 VOLUME source(s)
                 and:      0 AREA type source(s)
                 and:      0 LINE source(s)
                 and:      0 RLINE/RLINEXT source(s)
                 and:      0 OPENPIT source(s)
                 and:      0 BUOYANT LINE source(s) with a total of     0 line(s)
                 and:      0 SWPOINT source(s)


 **Model Will NOT Run After the Setup Testing.

 **The AERMET Input Meteorological Data Version Date:  16216

 **Output Options Selected:
          Model Outputs Tables of PERIOD Averages by Receptor
          Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE
Keyword)
          Model Outputs External File(s) of High Values for Plotting (PLOTFILE
Keyword)
```

Model Outputs Separate Summary File of High Ranked Values (SUMMFILE Keyword)

**NOTE: The Following Flags May Appear Following CONC Values: c for Calm Hours
m for Missing Hours
b for Both Calm and Missing Hours

**Misc. Inputs: Base Elev. for Pot. Temp. Profile (m MSL) = 442.00 ; Decay Coef. = 0.000 ; Rot. Angle = 0.0
Emission Units = GRAMS/SEC ;
Emission Rate Unit Factor = 0.10000E+07
Output Units = MICROGRAMS/M**3

**Approximate Storage Requirements of Model = 5.7 MB of RAM.

**Input Runstream File: aermod.inp

**Output Print File: aermod.out

**Detailed Error/Message File: Ops_r.err

**File for Summary of Results: Ops_r.sum

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** POINT SOURCE DATA ***

SOURCE ID	NUMBER EMISSION RATE PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	STACK HEIGHT (METERS)	STACK TEMP. (DEG.K)	STACK EXIT VEL. (M/SEC)	STACK DIAMETER (METERS)	BLDG EXISTS	URBAN SOURCE	CAP/ HOR VARY BY	EMIS RATE SCALAR
STCK1	0	0.33000E+00	479442.0	3733157.3	445.1	5.00	763.85	224.39	0.23	YES	YES	NO	HRDOW7
STCK2	0	0.33000E+00	479487.0	3733046.7	447.8	5.00	763.85	224.39	0.23	YES	YES	NO	HRDOW7
STCK3	0	0.33000E+00	479440.9	3733009.5	448.3	5.00	763.85						

224.39   0.23   YES   YES   NO HRDOW7
 STCK4   0   0.10000E+01 479494.4 3733403.9   440.2   5.00   763.85
224.39   0.23   YES   YES   NO HRDOW7
 STCK5   0   0.50000E+00 481715.3 3733538.2   432.9   5.00   763.85
224.39   0.23   YES   YES   NO HRDOW7
 STCK6   0   0.50000E+00 481726.8 3733537.8   432.9   5.00   763.85
224.39   0.23   YES   YES   NO HRDOW7

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE VARY BY
L0003096	0	0.13302E-02	479684.0	3733093.2	446.3	3.06	4.05	2.85	YES	
L0003097	0	0.13302E-02	479684.0	3733101.9	446.2	3.06	4.05	2.85	YES	
L0003098	0	0.13302E-02	479684.0	3733110.6	446.0	3.06	4.05	2.85	YES	
L0003099	0	0.13302E-02	479684.0	3733119.3	445.8	3.06	4.05	2.85	YES	
L0003100	0	0.13302E-02	479684.0	3733128.0	445.7	3.06	4.05	2.85	YES	
L0003101	0	0.13302E-02	479684.0	3733136.7	445.5	3.06	4.05	2.85	YES	
L0003102	0	0.13302E-02	479684.0	3733145.4	445.4	3.06	4.05	2.85	YES	
L0003103	0	0.13302E-02	479684.0	3733154.1	445.2	3.06	4.05	2.85	YES	
L0003104	0	0.13302E-02	479684.0	3733162.8	445.0	3.06	4.05	2.85	YES	
L0003105	0	0.13302E-02	479683.9	3733171.5	444.8	3.06	4.05	2.85	YES	
L0003106	0	0.13302E-02	479683.9	3733180.2	444.7	3.06	4.05	2.85	YES	
L0003107	0	0.13302E-02	479683.9	3733188.9	444.5	3.06	4.05			

2.85 YES
L0003108 0 0.13302E-02 479683.9 3733197.6 444.3 3.06 4.05
2.85 YES
L0003109 0 0.13302E-02 479683.9 3733206.3 444.1 3.06 4.05
2.85 YES
L0003110 0 0.13302E-02 479683.9 3733215.0 443.9 3.06 4.05
2.85 YES
L0003111 0 0.13302E-02 479683.9 3733223.7 443.7 3.06 4.05
2.85 YES
L0003112 0 0.13302E-02 479683.9 3733232.4 443.5 3.06 4.05
2.85 YES
L0003113 0 0.13302E-02 479683.9 3733241.1 443.4 3.06 4.05
2.85 YES
L0003114 0 0.13302E-02 479683.9 3733249.8 443.2 3.06 4.05
2.85 YES
L0003115 0 0.13302E-02 479683.9 3733258.5 443.0 3.06 4.05
2.85 YES
L0003116 0 0.13302E-02 479683.9 3733267.2 442.9 3.06 4.05
2.85 YES
L0003117 0 0.13302E-02 479683.9 3733275.9 442.7 3.06 4.05
2.85 YES
L0003118 0 0.13302E-02 479683.9 3733284.6 442.6 3.06 4.05
2.85 YES
L0003119 0 0.13302E-02 479683.9 3733293.3 442.4 3.06 4.05
2.85 YES
L0003120 0 0.13302E-02 479683.9 3733302.0 442.3 3.06 4.05
2.85 YES
L0003121 0 0.13302E-02 479683.8 3733310.7 442.2 3.06 4.05
2.85 YES
L0003122 0 0.13302E-02 479683.8 3733319.4 442.1 3.06 4.05
2.85 YES
L0003123 0 0.13302E-02 479683.8 3733328.1 441.9 3.06 4.05
2.85 YES
L0003124 0 0.13302E-02 479683.8 3733336.8 441.8 3.06 4.05
2.85 YES
L0003125 0 0.13302E-02 479683.8 3733345.5 441.7 3.06 4.05
2.85 YES
L0003126 0 0.13302E-02 479683.8 3733354.2 441.5 3.06 4.05
2.85 YES
L0003127 0 0.13302E-02 479683.8 3733362.9 441.4 3.06 4.05
2.85 YES
L0003128 0 0.13302E-02 479683.8 3733371.6 441.2 3.06 4.05
2.85 YES
L0003129 0 0.13302E-02 479683.8 3733380.3 441.0 3.06 4.05
2.85 YES
L0003130 0 0.13302E-02 479683.8 3733389.0 440.8 3.06 4.05
2.85 YES
L0003131 0 0.13302E-02 479683.8 3733397.7 440.7 3.06 4.05
2.85 YES
L0003132 0 0.13302E-02 479683.8 3733406.4 440.5 3.06 4.05

2.85   YES
 L0003133   0   0.13302E-02 479683.8 3733415.1   440.3   3.06   4.05
2.85   YES
 L0003134   0   0.13302E-02 479683.8 3733423.8   440.1   3.06   4.05
2.85   YES
 L0003135   0   0.13302E-02 479683.8 3733432.5   439.9   3.06   4.05
2.85   YES

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE   BASE   RELEASE   INIT.
INIT.   URBAN EMISSION RATE
   SOURCE   PART. (GRAMS/SEC)   X   Y   ELEV.   HEIGHT   SY
SZ   SOURCE SCALAR VARY
     ID   CATS.   (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)   BY
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- -

 L0003136   0   0.13302E-02 479683.8 3733441.2   439.7   3.06   4.05
2.85   YES
 L0003137   0   0.13302E-02 479683.7 3733449.9   439.5   3.06   4.05
2.85   YES
 L0003138   0   0.13302E-02 479683.7 3733458.6   439.3   3.06   4.05
2.85   YES
 L0003139   0   0.13320E-02 479683.6 3733467.4   439.1   3.06   4.05
2.85   YES
 L0003140   0   0.13320E-02 479683.4 3733476.1   438.9   3.06   4.05
2.85   YES
 L0003141   0   0.13320E-02 479683.2 3733484.8   438.7   3.06   4.05
2.85   YES
 L0003142   0   0.13320E-02 479683.0 3733493.5   438.6   3.06   4.05
2.85   YES
 L0003143   0   0.13320E-02 479682.9 3733502.2   438.4   3.06   4.05
2.85   YES
 L0003144   0   0.13320E-02 479682.7 3733510.9   438.2   3.06   4.05
2.85   YES
 L0003145   0   0.13320E-02 479682.5 3733519.6   438.1   3.06   4.05
2.85   YES
 L0003146   0   0.13320E-02 479682.3 3733528.3   437.9   3.06   4.05
2.85   YES
 L0003147   0   0.13320E-02 479682.2 3733537.0   437.8   3.06   4.05

2.85 YES
L0003148 0 0.13320E-02 479682.0 3733545.7 437.7 3.06 4.05
2.85 YES
L0003149 0 0.13320E-02 479681.8 3733554.4 437.5 3.06 4.05
2.85 YES
L0003150 0 0.13320E-02 479681.6 3733563.1 437.4 3.06 4.05
2.85 YES
L0003151 0 0.13320E-02 479681.5 3733571.8 437.2 3.06 4.05
2.85 YES
L0003152 0 0.13320E-02 479681.3 3733580.5 437.1 3.06 4.05
2.85 YES
L0003153 0 0.13320E-02 479681.1 3733589.2 437.0 3.06 4.05
2.85 YES
L0003154 0 0.13320E-02 479680.9 3733597.8 436.9 3.06 4.05
2.85 YES
L0003155 0 0.13320E-02 479680.8 3733606.5 436.8 3.06 4.05
2.85 YES
L0003156 0 0.13320E-02 479680.6 3733615.2 436.7 3.06 4.05
2.85 YES
L0003157 0 0.13320E-02 479680.4 3733623.9 436.6 3.06 4.05
2.85 YES
L0003158 0 0.13320E-02 479680.2 3733632.6 436.5 3.06 4.05
2.85 YES
L0003159 0 0.13320E-02 479680.0 3733641.3 436.4 3.06 4.05
2.85 YES
L0003160 0 0.13320E-02 479679.9 3733650.0 436.4 3.06 4.05
2.85 YES
L0003161 0 0.13320E-02 479679.7 3733658.7 436.3 3.06 4.05
2.85 YES
L0003162 0 0.13320E-02 479679.5 3733667.4 436.2 3.06 4.05
2.85 YES
L0003163 0 0.13320E-02 479679.3 3733676.1 436.2 3.06 4.05
2.85 YES
L0003398 0 0.40798E-02 479681.7 3733689.9 435.9 3.06 5.58
2.85 YES
L0003399 0 0.40798E-02 479693.7 3733689.9 435.9 3.06 5.58
2.85 YES
L0003400 0 0.40798E-02 479705.7 3733689.8 435.9 3.06 5.58
2.85 YES
L0003401 0 0.40798E-02 479717.7 3733689.8 435.9 3.06 5.58
2.85 YES
L0003402 0 0.40798E-02 479729.7 3733689.7 435.8 3.06 5.58
2.85 YES
L0003403 0 0.40798E-02 479741.7 3733689.6 435.8 3.06 5.58
2.85 YES
L0003404 0 0.40798E-02 479753.7 3733689.6 435.7 3.06 5.58
2.85 YES
L0003405 0 0.40798E-02 479765.7 3733689.5 435.7 3.06 5.58
2.85 YES
L0003406 0 0.40798E-02 479777.7 3733689.5 435.6 3.06 5.58

2.85   YES
 L0003407   0   0.40798E-02 479789.7 3733689.4   435.5   3.06   5.58
2.85   YES
 L0003408   0   0.40798E-02 479801.7 3733689.4   435.5   3.06   5.58
2.85   YES
 L0003409   0   0.40798E-02 479813.7 3733689.3   435.4   3.06   5.58
2.85   YES

                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE   BASE   RELEASE   INIT.
INIT.   URBAN EMISSION RATE
   SOURCE   PART. (GRAMS/SEC)   X   Y   ELEV.   HEIGHT   SY
SZ   SOURCE SCALAR VARY
     ID   CATS.   (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)   BY
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- -

 L0003410   0   0.40798E-02 479825.7 3733689.3   435.4   3.06   5.58
2.85   YES
 L0003411   0   0.40798E-02 479837.7 3733689.2   435.3   3.06   5.58
2.85   YES
 L0003412   0   0.40798E-02 479849.7 3733689.2   435.2   3.06   5.58
2.85   YES
 L0003413   0   0.40798E-02 479861.6 3733689.1   435.2   3.06   5.58
2.85   YES
 L0003414   0   0.40798E-02 479873.6 3733689.1   435.1   3.06   5.58
2.85   YES
 L0003415   0   0.40798E-02 479885.6 3733689.0   435.0   3.06   5.58
2.85   YES
 L0003416   0   0.40798E-02 479897.6 3733688.9   434.9   3.06   5.58
2.85   YES
 L0003417   0   0.40798E-02 479909.6 3733688.9   434.8   3.06   5.58
2.85   YES
 L0003418   0   0.40798E-02 479921.6 3733688.8   434.8   3.06   5.58
2.85   YES
 L0003419   0   0.40798E-02 479933.6 3733688.8   434.7   3.06   5.58
2.85   YES
 L0003420   0   0.40798E-02 479945.6 3733688.7   434.6   3.06   5.58
2.85   YES
 L0003421   0   0.40798E-02 479957.6 3733688.7   434.5   3.06   5.58

2.85 YES
L0003422 0 0.40798E-02 479969.6 3733688.6 434.4 3.06 5.58
2.85 YES
L0003423 0 0.40798E-02 479981.6 3733688.6 434.3 3.06 5.58
2.85 YES
L0003424 0 0.40798E-02 479993.6 3733688.5 434.2 3.06 5.58
2.85 YES
L0003425 0 0.40798E-02 480005.6 3733688.5 434.1 3.06 5.58
2.85 YES
L0003426 0 0.40798E-02 480017.6 3733688.4 434.0 3.06 5.58
2.85 YES
L0003427 0 0.40798E-02 480029.6 3733688.4 433.9 3.06 5.58
2.85 YES
L0003428 0 0.40798E-02 480041.6 3733688.3 433.9 3.06 5.58
2.85 YES
L0003429 0 0.40798E-02 480053.6 3733688.2 433.8 3.06 5.58
2.85 YES
L0003430 0 0.40798E-02 480065.6 3733688.2 433.8 3.06 5.58
2.85 YES
L0003431 0 0.40798E-02 480077.6 3733688.1 433.8 3.06 5.58
2.85 YES
L0003432 0 0.40798E-02 480089.6 3733688.1 433.7 3.06 5.58
2.85 YES
L0003433 0 0.40798E-02 480101.6 3733688.0 433.7 3.06 5.58
2.85 YES
L0003434 0 0.40798E-02 480113.6 3733688.0 433.7 3.06 5.58
2.85 YES
L0003435 0 0.40798E-02 480125.6 3733687.9 433.7 3.06 5.58
2.85 YES
L0003436 0 0.40798E-02 480137.6 3733687.9 433.6 3.06 5.58
2.85 YES
L0003437 0 0.40798E-02 480149.6 3733687.8 433.6 3.06 5.58
2.85 YES
L0003438 0 0.40798E-02 480161.6 3733687.8 433.6 3.06 5.58
2.85 YES
L0003439 0 0.40798E-02 480173.6 3733687.7 433.5 3.06 5.58
2.85 YES
L0003440 0 0.40798E-02 480185.6 3733687.7 433.5 3.06 5.58
2.85 YES
L0003441 0 0.40798E-02 480197.6 3733687.6 433.4 3.06 5.58
2.85 YES
L0003442 0 0.40798E-02 480209.6 3733687.5 433.4 3.06 5.58
2.85 YES
L0003443 0 0.40798E-02 480221.6 3733687.5 433.4 3.06 5.58
2.85 YES
L0003444 0 0.40798E-02 480233.6 3733687.4 433.4 3.06 5.58
2.85 YES
L0003445 0 0.40798E-02 480245.6 3733687.4 433.4 3.06 5.58
2.85 YES
L0003446 0 0.40798E-02 480257.6 3733687.3 433.4 3.06 5.58

2.85 YES
L0003447 0 0.40798E-02 480269.6 3733687.3 433.3 3.06 5.58
2.85 YES
L0003448 0 0.40798E-02 480281.6 3733687.2 433.2 3.06 5.58
2.85 YES
L0003449 0 0.40798E-02 480293.6 3733687.2 433.2 3.06 5.58
2.85 YES

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE VARY BY
L0003450	0	0.40798E-02	480305.6	3733687.1	433.2	3.06	5.58	2.85	YES	
L0003451	0	0.40798E-02	480317.6	3733687.1	433.1	3.06	5.58	2.85	YES	
L0003452	0	0.40798E-02	480329.6	3733687.0	433.0	3.06	5.58	2.85	YES	
L0003453	0	0.40798E-02	480341.6	3733686.9	432.8	3.06	5.58	2.85	YES	
L0003454	0	0.40798E-02	480353.6	3733686.9	432.7	3.06	5.58	2.85	YES	
L0003455	0	0.40798E-02	480365.6	3733686.8	432.6	3.06	5.58	2.85	YES	
L0003456	0	0.40798E-02	480377.6	3733686.8	432.4	3.06	5.58	2.85	YES	
L0003457	0	0.40798E-02	480389.6	3733686.7	432.3	3.06	5.58	2.85	YES	
L0003458	0	0.40798E-02	480401.6	3733686.7	432.3	3.06	5.58	2.85	YES	
L0003459	0	0.40798E-02	480413.6	3733686.6	432.3	3.06	5.58	2.85	YES	
L0003460	0	0.40798E-02	480425.6	3733686.6	432.2	3.06	5.58	2.85	YES	
L0003461	0	0.40798E-02	480437.6	3733686.5	432.2	3.06	5.58			

2.85 YES
L0003462 0 0.40798E-02 480449.6 3733686.5 432.2 3.06 5.58
2.85 YES
L0003463 0 0.40798E-02 480461.6 3733686.4 432.2 3.06 5.58
2.85 YES
L0003464 0 0.40798E-02 480473.6 3733686.4 432.2 3.06 5.58
2.85 YES
L0003465 0 0.40798E-02 480485.6 3733686.3 432.3 3.06 5.58
2.85 YES
L0003466 0 0.40798E-02 480497.6 3733686.2 432.3 3.06 5.58
2.85 YES
L0003467 0 0.40798E-02 480509.6 3733686.2 432.3 3.06 5.58
2.85 YES
L0003468 0 0.40798E-02 480521.6 3733686.1 432.3 3.06 5.58
2.85 YES
L0003469 0 0.40798E-02 480533.6 3733686.1 432.3 3.06 5.58
2.85 YES
L0003470 0 0.40798E-02 480545.6 3733686.0 432.3 3.06 5.58
2.85 YES
L0003471 0 0.40798E-02 480557.6 3733686.0 432.4 3.06 5.58
2.85 YES
L0003472 0 0.40798E-02 480569.6 3733685.9 432.3 3.06 5.58
2.85 YES
L0003473 0 0.40798E-02 480581.6 3733685.9 432.3 3.06 5.58
2.85 YES
L0003474 0 0.40798E-02 480593.6 3733685.8 432.3 3.06 5.58
2.85 YES
L0003475 0 0.40798E-02 480605.6 3733685.8 432.3 3.06 5.58
2.85 YES
L0003476 0 0.40798E-02 480617.6 3733685.7 432.3 3.06 5.58
2.85 YES
L0003477 0 0.40798E-02 480629.6 3733685.7 432.2 3.06 5.58
2.85 YES
L0003478 0 0.40798E-02 480641.6 3733685.6 432.2 3.06 5.58
2.85 YES
L0003479 0 0.40798E-02 480653.6 3733685.5 432.2 3.06 5.58
2.85 YES
L0003480 0 0.40798E-02 480665.6 3733685.5 432.2 3.06 5.58
2.85 YES
L0003481 0 0.40798E-02 480677.6 3733685.4 432.2 3.06 5.58
2.85 YES
L0003482 0 0.40798E-02 480689.6 3733685.4 432.2 3.06 5.58
2.85 YES
L0003483 0 0.40798E-02 480701.6 3733685.3 432.1 3.06 5.58
2.85 YES
L0003484 0 0.40798E-02 480713.6 3733685.3 432.1 3.06 5.58
2.85 YES
L0003485 0 0.40798E-02 480725.6 3733685.2 432.1 3.06 5.58
2.85 YES
L0003486 0 0.40798E-02 480737.6 3733685.2 432.0 3.06 5.58

2.85 YES
L0003487 0 0.40798E-02 480749.6 3733685.1 432.0 3.06 5.58
2.85 YES
L0003488 0 0.40798E-02 480761.6 3733685.1 432.0 3.06 5.58
2.85 YES
L0003489 0 0.40798E-02 480773.6 3733685.0 432.0 3.06 5.58
2.85 YES

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE VARY BY
L0003490	0	0.40798E-02	480785.6	3733685.0	432.0	3.06	5.58	2.85	YES	
L0003491	0	0.40798E-02	480797.6	3733684.9	432.0	3.06	5.58	2.85	YES	
L0003492	0	0.40798E-02	480809.6	3733684.8	431.9	3.06	5.58	2.85	YES	
L0003493	0	0.40798E-02	480821.6	3733684.8	431.9	3.06	5.58	2.85	YES	
L0003494	0	0.40798E-02	480833.6	3733684.7	431.9	3.06	5.58	2.85	YES	
L0003495	0	0.40798E-02	480845.6	3733684.7	431.9	3.06	5.58	2.85	YES	
L0003496	0	0.40798E-02	480857.6	3733684.6	432.0	3.06	5.58	2.85	YES	
L0003497	0	0.40798E-02	480869.6	3733684.6	432.1	3.06	5.58	2.85	YES	
L0003498	0	0.40798E-02	480881.6	3733684.5	432.2	3.06	5.58	2.85	YES	
L0003499	0	0.40798E-02	480893.6	3733684.5	432.2	3.06	5.58	2.85	YES	
L0003500	0	0.40798E-02	480905.6	3733684.4	432.0	3.06	5.58	2.85	YES	
L0003501	0	0.40798E-02	480917.6	3733684.4	431.9	3.06	5.58			

2.85 YES
L0003502 0 0.40798E-02 480929.6 3733684.3 431.8 3.06 5.58
2.85 YES
L0003503 0 0.40798E-02 480941.6 3733684.2 431.8 3.06 5.58
2.85 YES
L0003504 0 0.40798E-02 480953.6 3733684.2 431.8 3.06 5.58
2.85 YES
L0003505 0 0.40798E-02 480965.6 3733684.1 431.8 3.06 5.58
2.85 YES
L0003506 0 0.40798E-02 480977.6 3733684.1 431.8 3.06 5.58
2.85 YES
L0003507 0 0.40798E-02 480989.6 3733684.0 431.8 3.06 5.58
2.85 YES
L0003508 0 0.40798E-02 481001.6 3733684.0 431.8 3.06 5.58
2.85 YES
L0003509 0 0.40798E-02 481013.6 3733683.9 431.8 3.06 5.58
2.85 YES
L0003510 0 0.40798E-02 481025.6 3733683.9 431.9 3.06 5.58
2.85 YES
L0003511 0 0.40798E-02 481037.6 3733683.8 431.8 3.06 5.58
2.85 YES
L0003512 0 0.40798E-02 481049.6 3733683.8 431.8 3.06 5.58
2.85 YES
L0003513 0 0.40798E-02 481061.6 3733683.7 431.8 3.06 5.58
2.85 YES
L0003514 0 0.40798E-02 481073.6 3733683.7 431.8 3.06 5.58
2.85 YES
L0003515 0 0.40798E-02 481085.6 3733683.6 431.8 3.06 5.58
2.85 YES
L0003516 0 0.40798E-02 481097.6 3733683.5 431.8 3.06 5.58
2.85 YES
L0003517 0 0.40798E-02 481109.6 3733683.5 431.8 3.06 5.58
2.85 YES
L0003518 0 0.40798E-02 481121.6 3733683.4 431.8 3.06 5.58
2.85 YES
L0003519 0 0.40798E-02 481133.6 3733683.4 431.8 3.06 5.58
2.85 YES
L0003520 0 0.40798E-02 481145.6 3733683.3 431.8 3.06 5.58
2.85 YES
L0003521 0 0.40798E-02 481157.6 3733683.3 431.8 3.06 5.58
2.85 YES
L0003522 0 0.40798E-02 481169.6 3733683.2 431.8 3.06 5.58
2.85 YES
L0003523 0 0.40798E-02 481181.6 3733683.2 431.9 3.06 5.58
2.85 YES
L0003524 0 0.40798E-02 481193.6 3733683.1 431.9 3.06 5.58
2.85 YES
L0003525 0 0.40798E-02 481205.6 3733683.1 431.9 3.06 5.58
2.85 YES
L0003526 0 0.40798E-02 481217.6 3733683.0 431.9 3.06 5.58

2.85   YES
 L0003527   0   0.40798E-02 481229.6 3733683.0   431.9   3.06   5.58
2.85   YES
 L0003528   0   0.40798E-02 481241.6 3733682.9   431.9   3.06   5.58
2.85   YES
 L0003529   0   0.40798E-02 481253.6 3733682.8   432.0   3.06   5.58
2.85   YES

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE   BASE   RELEASE   INIT.
INIT.   URBAN EMISSION RATE
   SOURCE   PART. (GRAMS/SEC)   X   Y   ELEV.   HEIGHT   SY
SZ   SOURCE SCALAR VARY
     ID   CATS.   (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)   BY
 -
- - - - - - - - - - - - - - - - - - - -

 L0003530   0   0.40798E-02 481265.6 3733682.8   432.0   3.06   5.58
2.85   YES
 L0003531   0   0.40798E-02 481277.6 3733682.7   432.1   3.06   5.58
2.85   YES
 L0003532   0   0.40798E-02 481289.6 3733682.7   432.1   3.06   5.58
2.85   YES
 L0003533   0   0.40798E-02 481301.6 3733682.6   432.1   3.06   5.58
2.85   YES
 L0003534   0   0.40798E-02 481313.6 3733682.6   432.1   3.06   5.58
2.85   YES
 L0003535   0   0.40798E-02 481325.6 3733682.5   432.1   3.06   5.58
2.85   YES
 L0003536   0   0.40798E-02 481337.6 3733682.5   432.1   3.06   5.58
2.85   YES
 L0003537   0   0.40798E-02 481349.6 3733682.4   432.1   3.06   5.58
2.85   YES
 L0003538   0   0.40798E-02 481361.6 3733682.4   432.1   3.06   5.58
2.85   YES
 L0003539   0   0.40798E-02 481373.6 3733682.3   432.1   3.06   5.58
2.85   YES
 L0003540   0   0.40798E-02 481385.6 3733682.3   432.1   3.06   5.58
2.85   YES
 L0003541   0   0.40798E-02 481397.6 3733682.2   432.1   3.06   5.58

2.85 YES
L0003542 0 0.40798E-02 481409.6 3733682.1 432.1 3.06 5.58
2.85 YES
L0003543 0 0.40798E-02 481421.6 3733682.1 432.1 3.06 5.58
2.85 YES
L0003544 0 0.40798E-02 481433.6 3733682.0 432.1 3.06 5.58
2.85 YES
L0003545 0 0.40798E-02 481445.6 3733682.0 432.1 3.06 5.58
2.85 YES
L0003546 0 0.40798E-02 481457.6 3733681.9 432.1 3.06 5.58
2.85 YES
L0003547 0 0.40798E-02 481469.6 3733681.9 432.2 3.06 5.58
2.85 YES
L0003548 0 0.40798E-02 481481.6 3733681.8 432.2 3.06 5.58
2.85 YES
L0003549 0 0.40798E-02 481493.6 3733681.8 432.3 3.06 5.58
2.85 YES
L0003550 0 0.40798E-02 481505.6 3733681.7 432.3 3.06 5.58
2.85 YES
L0003551 0 0.40798E-02 481517.6 3733681.7 432.3 3.06 5.58
2.85 YES
L0003552 0 0.40798E-02 481529.6 3733681.6 432.4 3.06 5.58
2.85 YES
L0003553 0 0.40798E-02 481541.6 3733681.6 432.4 3.06 5.58
2.85 YES
L0003554 0 0.40798E-02 481553.6 3733681.5 432.4 3.06 5.58
2.85 YES
L0003555 0 0.40798E-02 481565.6 3733681.4 432.4 3.06 5.58
2.85 YES
L0003556 0 0.40798E-02 481577.6 3733681.4 432.4 3.06 5.58
2.85 YES
L0003557 0 0.40798E-02 481589.6 3733681.3 432.4 3.06 5.58
2.85 YES
L0003558 0 0.40798E-02 481601.6 3733681.3 432.4 3.06 5.58
2.85 YES
L0003559 0 0.40798E-02 481613.6 3733681.2 432.4 3.06 5.58
2.85 YES
L0003560 0 0.40798E-02 481625.6 3733681.2 432.4 3.06 5.58
2.85 YES
L0003561 0 0.40798E-02 481637.6 3733681.1 432.4 3.06 5.58
2.85 YES
L0003562 0 0.40798E-02 481649.6 3733681.1 432.4 3.06 5.58
2.85 YES
L0003563 0 0.40798E-02 481661.6 3733681.0 432.4 3.06 5.58
2.85 YES
L0003564 0 0.40798E-02 481673.6 3733681.0 432.5 3.06 5.58
2.85 YES
L0003565 0 0.40798E-02 481685.6 3733680.9 432.5 3.06 5.58
2.85 YES
L0003566 0 0.41122E-02 481691.8 3733679.3 432.6 3.06 5.58

2.85   YES
 L0003567   0   0.41122E-02 481703.8 3733679.3   432.6   3.06   5.58
2.85   YES
 L0003568   0   0.41122E-02 481715.8 3733679.2   432.6   3.06   5.58
2.85   YES
 L0003569   0   0.41122E-02 481727.8 3733679.1   432.6   3.06   5.58
2.85   YES

                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE   BASE   RELEASE   INIT.
INIT.   URBAN EMISSION RATE
   SOURCE   PART. (GRAMS/SEC)   X   Y   ELEV.   HEIGHT   SY
SZ   SOURCE SCALAR VARY
     ID   CATS.   (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)   BY
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- -

 L0003570   0   0.41122E-02 481739.8 3733679.1   432.7   3.06   5.58
2.85   YES
 L0003571   0   0.41122E-02 481751.8 3733679.0   432.8   3.06   5.58
2.85   YES
 L0003572   0   0.41122E-02 481763.8 3733679.0   432.9   3.06   5.58
2.85   YES
 L0003573   0   0.41122E-02 481775.8 3733678.9   433.1   3.06   5.58
2.85   YES
 L0003574   0   0.41122E-02 481787.8 3733678.8   433.2   3.06   5.58
2.85   YES
 L0003575   0   0.41122E-02 481799.8 3733678.8   433.3   3.06   5.58
2.85   YES
 L0003576   0   0.41122E-02 481811.8 3733678.7   433.3   3.06   5.58
2.85   YES
 L0003577   0   0.41122E-02 481823.8 3733678.6   433.3   3.06   5.58
2.85   YES
 L0003578   0   0.41122E-02 481835.8 3733678.6   433.3   3.06   5.58
2.85   YES
 L0003579   0   0.41122E-02 481847.8 3733678.5   433.3   3.06   5.58
2.85   YES
 L0003580   0   0.41122E-02 481859.8 3733678.4   433.4   3.06   5.58
2.85   YES
 L0003581   0   0.41122E-02 481871.8 3733678.4   433.4   3.06   5.58

2.85 YES
L0003582 0 0.41122E-02 481883.8 3733678.3 433.5 3.06 5.58
2.85 YES
L0003583 0 0.41122E-02 481895.8 3733678.3 433.5 3.06 5.58
2.85 YES
L0003584 0 0.41122E-02 481907.8 3733678.2 433.5 3.06 5.58
2.85 YES
L0003585 0 0.41122E-02 481919.8 3733678.1 433.4 3.06 5.58
2.85 YES
L0003586 0 0.41122E-02 481931.8 3733678.1 433.4 3.06 5.58
2.85 YES
L0003587 0 0.41122E-02 481943.8 3733678.0 433.3 3.06 5.58
2.85 YES
L0003588 0 0.41122E-02 481955.8 3733677.9 433.3 3.06 5.58
2.85 YES
L0003589 0 0.41122E-02 481967.8 3733677.9 433.4 3.06 5.58
2.85 YES
L0003590 0 0.41122E-02 481979.8 3733677.8 433.4 3.06 5.58
2.85 YES
L0003591 0 0.41122E-02 481991.8 3733677.8 433.5 3.06 5.58
2.85 YES
L0003592 0 0.41122E-02 482003.8 3733677.7 433.5 3.06 5.58
2.85 YES
L0003593 0 0.41122E-02 482015.8 3733677.6 433.6 3.06 5.58
2.85 YES
L0003594 0 0.41122E-02 482027.8 3733677.6 433.6 3.06 5.58
2.85 YES
L0003595 0 0.41122E-02 482039.8 3733677.5 433.8 3.06 5.58
2.85 YES
L0003596 0 0.41122E-02 482051.8 3733677.4 434.0 3.06 5.58
2.85 YES
L0003597 0 0.41122E-02 482063.8 3733677.4 434.1 3.06 5.58
2.85 YES
L0003598 0 0.41122E-02 482075.8 3733677.3 434.3 3.06 5.58
2.85 YES
L0003599 0 0.41122E-02 482087.8 3733677.3 434.4 3.06 5.58
2.85 YES
L0003600 0 0.41122E-02 482099.8 3733677.2 434.4 3.06 5.58
2.85 YES
L0003601 0 0.41122E-02 482111.8 3733677.1 434.5 3.06 5.58
2.85 YES
L0003602 0 0.41122E-02 482123.8 3733677.1 434.5 3.06 5.58
2.85 YES
L0003603 0 0.41122E-02 482135.8 3733677.0 434.6 3.06 5.58
2.85 YES
L0003604 0 0.41122E-02 482147.8 3733676.9 434.7 3.06 5.58
2.85 YES
L0003605 0 0.41122E-02 482159.8 3733676.9 434.8 3.06 5.58
2.85 YES
L0003606 0 0.41122E-02 482171.8 3733676.8 434.9 3.06 5.58

2.85 YES
L0003607 0 0.41122E-02 482183.8 3733676.8 435.2 3.06 5.58
2.85 YES
L0003608 0 0.41122E-02 482195.8 3733676.7 435.5 3.06 5.58
2.85 YES
L0003609 0 0.41122E-02 482207.8 3733676.6 435.8 3.06 5.58
2.85 YES

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE VARY BY
L0003610	0	0.41122E-02	482219.8	3733676.6	436.2	3.06	5.58	2.85	YES	
L0003611	0	0.41122E-02	482231.8	3733676.5	436.6	3.06	5.58	2.85	YES	
L0003612	0	0.41122E-02	482243.8	3733676.4	437.0	3.06	5.58	2.85	YES	
L0003613	0	0.41122E-02	482255.8	3733676.4	437.5	3.06	5.58	2.85	YES	
L0003614	0	0.41122E-02	482267.8	3733676.3	437.9	3.06	5.58	2.85	YES	
L0003615	0	0.13294E-02	481689.6	3733669.5	433.2	3.06	4.05	2.85	YES	
L0003616	0	0.13294E-02	481689.7	3733660.8	433.2	3.06	4.05	2.85	YES	
L0003617	0	0.13294E-02	481689.7	3733652.1	433.2	3.06	4.05	2.85	YES	
L0003618	0	0.13294E-02	481689.7	3733643.4	433.2	3.06	4.05	2.85	YES	
L0003619	0	0.13294E-02	481689.8	3733634.7	433.2	3.06	4.05	2.85	YES	
L0003620	0	0.13294E-02	481689.8	3733626.0	433.1	3.06	4.05	2.85	YES	
L0003621	0	0.13294E-02	481689.8	3733617.3	433.1	3.06	4.05			

2.85 YES
L0003622 0 0.13294E-02 481689.9 3733608.6 433.1 3.06 4.05
2.85 YES
L0003623 0 0.13294E-02 481689.9 3733599.9 433.1 3.06 4.05
2.85 YES
L0003624 0 0.13294E-02 481689.9 3733591.2 433.1 3.06 4.05
2.85 YES
L0003625 0 0.13294E-02 481690.0 3733582.5 433.1 3.06 4.05
2.85 YES
L0003626 0 0.13294E-02 481690.0 3733573.8 433.1 3.06 4.05
2.85 YES
L0003627 0 0.13294E-02 481690.1 3733565.1 433.1 3.06 4.05
2.85 YES
L0003628 0 0.13294E-02 481690.1 3733556.4 433.1 3.06 4.05
2.85 YES
L0003629 0 0.13294E-02 481690.1 3733547.7 433.2 3.06 4.05
2.85 YES
L0003630 0 0.13294E-02 481690.2 3733539.0 433.2 3.06 4.05
2.85 YES
L0003631 0 0.13294E-02 481690.2 3733530.3 433.1 3.06 4.05
2.85 YES
L0003632 0 0.17668E-01 479681.3 3733082.2 446.5 0.00 4.05
2.85 YES
L0003633 0 0.17668E-01 479672.6 3733082.1 446.6 0.00 4.05
2.85 YES
L0003634 0 0.17668E-01 479663.9 3733082.1 446.7 0.00 4.05
2.85 YES
L0003635 0 0.17668E-01 479655.2 3733082.1 446.8 0.00 4.05
2.85 YES
L0003636 0 0.17668E-01 479646.5 3733082.0 446.9 0.00 4.05
2.85 YES
L0003637 0 0.17668E-01 479637.8 3733082.0 447.0 0.00 4.05
2.85 YES
L0003638 0 0.17668E-01 479629.1 3733082.0 447.0 0.00 4.05
2.85 YES
L0003639 0 0.17668E-01 479620.4 3733082.0 447.0 0.00 4.05
2.85 YES
L0003640 0 0.17668E-01 479611.7 3733081.9 447.1 0.00 4.05
2.85 YES
L0003641 0 0.17668E-01 479603.0 3733081.9 447.0 0.00 4.05
2.85 YES
L0003642 0 0.17668E-01 479594.3 3733081.9 447.0 0.00 4.05
2.85 YES
L0003643 0 0.17668E-01 479585.6 3733081.8 446.9 0.00 4.05
2.85 YES
L0003644 0 0.17668E-01 479576.9 3733081.8 446.9 0.00 4.05
2.85 YES
L0003645 0 0.17668E-01 479568.2 3733081.8 446.8 0.00 4.05
2.85 YES
L0003646 0 0.17668E-01 479559.5 3733081.8 446.7 0.00 4.05

2.85   YES
 L0003647   0   0.17668E-01 479550.8 3733081.7   446.8   0.00   4.05
2.85   YES
 L0003648   0   0.17668E-01 479542.1 3733081.7   446.8   0.00   4.05
2.85   YES
 L0003649   0   0.17668E-01 479533.4 3733081.7   446.9   0.00   4.05
2.85   YES

                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE   BASE   RELEASE   INIT.
INIT.   URBAN EMISSION RATE
   SOURCE   PART. (GRAMS/SEC)   X   Y   ELEV.   HEIGHT   SY
SZ   SOURCE SCALAR VARY
     ID   CATS.   (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)   BY
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- -

 L0003650   0   0.17668E-01 479524.7 3733081.6   447.0   0.00   4.05
2.85   YES
 L0003651   0   0.17668E-01 479516.0 3733081.6   447.0   0.00   4.05
2.85   YES
 L0003652   0   0.17668E-01 479507.3 3733081.6   447.1   0.00   4.05
2.85   YES
 L0003653   0   0.17668E-01 479498.6 3733081.6   447.1   0.00   4.05
2.85   YES
 L0003654   0   0.17668E-01 479489.9 3733081.5   447.1   0.00   4.05
2.85   YES
 L0003655   0   0.17668E-01 479481.2 3733081.3   447.1   0.00   4.05
2.85   YES
 L0003656   0   0.17668E-01 479472.9 3733078.9   447.1   0.00   4.05
2.85   YES
 L0003657   0   0.17668E-01 479464.5 3733076.5   447.1   0.00   4.05
2.85   YES
 L0003658   0   0.17668E-01 479456.2 3733074.1   447.0   0.00   4.05
2.85   YES
 L0003659   0   0.17668E-01 479447.8 3733071.8   447.0   0.00   4.05
2.85   YES
 L0003660   0   0.17668E-01 479446.1 3733077.8   446.9   0.00   4.05
2.85   YES
 L0003661   0   0.17668E-01 479446.5 3733086.5   446.7   0.00   4.05

2.85 YES
L0003662 0 0.17668E-01 479447.0 3733095.1 446.5 0.00 4.05
2.85 YES
L0003675 0 0.12616E-01 479671.2 3733474.2 439.0 3.06 4.05
2.85 YES
L0003676 0 0.12616E-01 479662.5 3733474.2 439.1 3.06 4.05
2.85 YES
L0003677 0 0.12616E-01 479653.8 3733474.2 439.1 3.06 4.05
2.85 YES
L0003678 0 0.12616E-01 479645.1 3733474.1 439.1 3.06 4.05
2.85 YES
L0003679 0 0.12616E-01 479636.4 3733474.1 439.2 3.06 4.05
2.85 YES
L0003680 0 0.12616E-01 479627.7 3733474.1 439.2 3.06 4.05
2.85 YES
L0003681 0 0.12616E-01 479619.0 3733474.1 439.2 3.06 4.05
2.85 YES
L0003682 0 0.12616E-01 479610.3 3733474.1 439.3 3.06 4.05
2.85 YES
L0003683 0 0.12616E-01 479601.6 3733474.1 439.3 3.06 4.05
2.85 YES
L0003684 0 0.12616E-01 479592.9 3733474.0 439.3 3.06 4.05
2.85 YES
L0003685 0 0.12616E-01 479584.2 3733474.0 439.3 3.06 4.05
2.85 YES
L0003686 0 0.12616E-01 479575.5 3733474.0 439.3 3.06 4.05
2.85 YES
L0003687 0 0.12616E-01 479566.8 3733474.0 439.2 3.06 4.05
2.85 YES
L0003688 0 0.12616E-01 479558.1 3733474.0 439.2 3.06 4.05
2.85 YES
L0003689 0 0.12616E-01 479549.4 3733474.0 439.1 3.06 4.05
2.85 YES
L0003690 0 0.12616E-01 479540.7 3733473.9 439.1 3.06 4.05
2.85 YES
L0003691 0 0.12616E-01 479532.0 3733473.9 439.0 3.06 4.05
2.85 YES
L0003692 0 0.12616E-01 479523.3 3733473.9 439.0 3.06 4.05
2.85 YES
L0003693 0 0.12616E-01 479514.6 3733473.9 438.9 3.06 4.05
2.85 YES
L0003694 0 0.12506E-01 481701.9 3733528.3 433.0 3.06 4.05
2.85 YES
L0003695 0 0.12506E-01 481710.6 3733528.3 433.0 3.06 4.05
2.85 YES
L0003696 0 0.12506E-01 481719.3 3733528.3 432.9 3.06 4.05
2.85 YES
L0003697 0 0.12506E-01 481728.0 3733528.3 432.9 3.06 4.05
2.85 YES
L0003698 0 0.12506E-01 481736.7 3733528.3 432.9 3.06 4.05

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE VARY BY
L0003702	0	0.12506E-01	481771.5	3733528.4	433.0	3.06	4.05	2.85	YES	
L0003703	0	0.12506E-01	481780.2	3733528.4	433.0	3.06	4.05	2.85	YES	
L0003704	0	0.12506E-01	481788.9	3733528.5	433.0	3.06	4.05	2.85	YES	
L0003705	0	0.12506E-01	481797.6	3733528.5	433.1	3.06	4.05	2.85	YES	
L0003706	0	0.12506E-01	481806.3	3733528.5	433.1	3.06	4.05	2.85	YES	
L0003707	0	0.12506E-01	481815.0	3733528.5	433.1	3.06	4.05	2.85	YES	
L0003708	0	0.12506E-01	481823.7	3733528.5	433.1	3.06	4.05	2.85	YES	
L0003709	0	0.12506E-01	481832.4	3733528.6	433.2	3.06	4.05	2.85	YES	
L0003710	0	0.12506E-01	481841.1	3733528.6	433.2	3.06	4.05	2.85	YES	
L0003711	0	0.29533E-01	479434.8	3733109.8	446.1	3.06	4.05	2.85	YES	
L0003712	0	0.29533E-01	479434.8	3733101.1	446.2	3.06	4.05	2.85	YES	
L0003713	0	0.29533E-01	479434.7	3733092.4	446.4	3.06	4.05			

2.85 YES
L0003714 0 0.29533E-01 479434.7 3733083.7 446.6 3.06 4.05
2.85 YES
L0003715 0 0.29533E-01 479434.7 3733075.0 446.8 3.06 4.05
2.85 YES
L0003716 0 0.29533E-01 479434.7 3733066.3 447.1 3.06 4.05
2.85 YES
L0003717 0 0.29533E-01 479434.7 3733057.6 447.3 3.06 4.05
2.85 YES
L0003718 0 0.29533E-01 479434.6 3733048.9 447.4 3.06 4.05
2.85 YES
L0003719 0 0.29533E-01 479434.6 3733040.2 447.6 3.06 4.05
2.85 YES
L0003720 0 0.27725E-01 479599.9 3733045.5 447.7 3.06 4.05
2.85 YES
L0003721 0 0.27725E-01 479591.2 3733045.4 447.7 3.06 4.05
2.85 YES
L0003722 0 0.27725E-01 479582.5 3733045.4 447.7 3.06 4.05
2.85 YES
L0003723 0 0.27725E-01 479573.8 3733045.4 447.6 3.06 4.05
2.85 YES
L0003724 0 0.27725E-01 479565.1 3733045.4 447.6 3.06 4.05
2.85 YES
L0003725 0 0.27725E-01 479556.4 3733045.3 447.6 3.06 4.05
2.85 YES
L0003726 0 0.27725E-01 479547.7 3733045.3 447.6 3.06 4.05
2.85 YES
L0003727 0 0.27725E-01 479539.0 3733045.3 447.7 3.06 4.05
2.85 YES
L0003728 0 0.24800E-01 479436.1 3733090.3 446.5 3.06 4.05
2.85 YES
L0003729 0 0.24800E-01 479436.1 3733081.6 446.7 3.06 4.05
2.85 YES
L0003730 0 0.24800E-01 479436.1 3733072.9 446.9 3.06 4.05
2.85 YES
L0003731 0 0.27343E-01 479549.7 3733456.0 439.4 3.06 4.05
2.85 YES
L0003732 0 0.27343E-01 479558.4 3733456.0 439.5 3.06 4.05
2.85 YES
L0003733 0 0.27343E-01 479567.1 3733456.0 439.5 3.06 4.05
2.85 YES
L0003734 0 0.27343E-01 479575.8 3733456.1 439.6 3.06 4.05
2.85 YES
L0003735 0 0.27343E-01 479584.5 3733456.1 439.7 3.06 4.05
2.85 YES
L0003736 0 0.27343E-01 479593.2 3733456.1 439.6 3.06 4.05
2.85 YES
L0003737 0 0.27343E-01 479601.9 3733456.1 439.6 3.06 4.05
2.85 YES
L0003738 0 0.30813E-01 481773.5 3733543.7 433.0 3.06 4.05

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2.85     YES
 L0003739         0   0.30813E-01  481782.2 3733543.8   433.0     3.06     4.05
2.85     YES
 L0003740         0   0.30813E-01  481790.9 3733543.8   433.0     3.06     4.05
2.85     YES
 L0003741         0   0.30813E-01  481799.6 3733543.8   433.0     3.06     4.05
2.85     YES
↑ *** AERMOD - VERSION 22112  ***   *** Compass Operations
                        ***       03/08/24
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                  *** VOLUME SOURCE DATA ***

              NUMBER EMISSION RATE                   BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.              (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)             BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - -

 L0003742         0   0.30813E-01  481808.3 3733543.9   433.1     3.06     4.05
2.85     YES
 L0003743         0   0.30813E-01  481817.0 3733543.9   433.1     3.06     4.05
2.85     YES
 L0003744         0   0.30813E-01  481825.7 3733544.0   433.1     3.06     4.05
2.85     YES
 L0003745         0   0.30813E-01  481834.4 3733544.0   433.2     3.06     4.05
2.85     YES
↑ *** AERMOD - VERSION 22112  ***   *** Compass Operations
                        ***       03/08/24
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                         *** SOURCE IDs DEFINING SOURCE GROUPS ***

 SRCGROUP ID                                          SOURCE IDs
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L0003109    , L0003110    , L0003111    ,

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L0003117    , L0003118    , L0003119    ,

             L0003120    , L0003121    , L0003122    , L0003123    , L0003124    ,
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L0003399    , L0003400    , L0003401    ,

             L0003402    , L0003403    , L0003404    , L0003405    , L0003406    ,
L0003407    , L0003408    , L0003409    ,

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs

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L0003583    , L0003584    , L0003585    ,

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↟ *** AERMOD - VERSION 22112  ***   *** Compass Operations
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                *** SOURCE IDs DEFINING SOURCE GROUPS ***

 SRCGROUP ID                                                 SOURCE IDs
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  S2GEN     STCK4       ,

  S3GEN     STCK5       , STCK6       ,

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*** SOURCE IDs DEFINING SOURCE GROUPS ***

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*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs

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*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs

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STCK5 , STCK6 ,

*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs

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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                          *** SOURCE IDs DEFINED AS URBAN SOURCES
***

  URBAN ID   URBAN POP   SOURCE IDs
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L0003647    , L0003648    , L0003649    ,
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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs

```
             L0003650    , L0003651    , L0003652    , L0003653    , L0003654    ,
L0003655    , L0003656    , L0003657    ,

             L0003658    , L0003659    , L0003660    , L0003661    , L0003662    ,
L0003675    , L0003676    , L0003677    ,

             L0003678    , L0003679    , L0003680    , L0003681    , L0003682    ,
L0003683    , L0003684    , L0003685    ,

             L0003686    , L0003687    , L0003688    , L0003689    , L0003690    ,
L0003691    , L0003692    , L0003693    ,

             L0003694    , L0003695    , L0003696    , L0003697    , L0003698    ,
L0003699    , L0003700    , L0003701    ,

             L0003702    , L0003703    , L0003704    , L0003705    , L0003706    ,
L0003707    , L0003708    , L0003709    ,

             L0003710    , L0003711    , L0003712    , L0003713    , L0003714    ,
L0003715    , L0003716    , L0003717    ,

             L0003718    , L0003719    , L0003720    , L0003721    , L0003722    ,
L0003723    , L0003724    , L0003725    ,

             L0003726    , L0003727    , L0003728    , L0003729    , L0003730    ,
L0003731    , L0003732    , L0003733    ,

             L0003734    , L0003735    , L0003736    , L0003737    , L0003738    ,
L0003739    , L0003740    , L0003741    ,

             L0003742    , L0003743    , L0003744    , L0003745    , STCK1       ,
STCK2       , STCK3       , STCK4       ,

             STCK5       , STCK6       ,
 *** AERMOD - VERSION 22112  ***   *** Compass Operations
                           ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                          ***        17:12:53

                                    PAGE  23
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                          *** DIRECTION SPECIFIC BUILDING DIMENSIONS
***


 SOURCE ID: STCK1
  IFV    BH      BW      BL     XADJ    YADJ     IFV    BH      BW      BL     XADJ
  YADJ
```

```
   1   16.0,  128.1,  172.7, -171.0,   40.2,      2   16.0,  150.6,  179.1, -177.9,
 24.5,
   3   16.0,  168.6,  180.0, -179.3,    8.1,      4   16.0,  181.4,  175.5, -175.4,
 -8.6,
   5   16.0,  188.7,  165.7, -166.1,  -25.1,      6   16.0,  190.2,  153.7, -154.6,
-40.7,
   7   16.0,  186.0,  140.9, -142.3,  -55.2,      8   16.0,  176.2,  123.9, -125.7,
-67.9,
   9   16.0,  161.2,  103.3, -105.6,  -78.5,     10   16.0,  172.7,  128.1, -104.3,
-84.7,
  11   16.0,  179.1,  150.6,  -99.9,  -88.3,     12   16.0,  180.0,  168.6,  -92.4,
-89.3,
  13   16.0,  175.5,  181.4,  -82.1,  -87.6,     14   16.0,  165.7,  188.7,  -69.3,
-83.2,
  15   16.0,  153.7,  190.2,  -54.4,  -77.7,     16   16.0,  140.9,  186.0,  -37.9,
-71.8,
  17   16.0,  123.9,  176.2,  -20.2,  -63.8,     18   16.0,  103.3,  161.2,   -2.1,
-53.9,
  19   16.0,  128.1,  172.7,   -1.7,  -40.2,     20   16.0,  150.6,  179.1,   -1.2,
-24.5,
  21   16.0,  168.6,  180.0,   -0.7,   -8.1,     22   16.0,  181.4,  175.5,   -0.2,
  8.6,
  23   16.0,  188.7,  165.7,    0.4,   25.1,     24   16.0,  190.2,  153.7,    0.9,
 40.7,
  25   16.0,  186.0,  140.9,    1.4,   55.2,     26   16.0,  176.2,  123.9,    1.9,
 67.9,
  27   16.0,  161.2,  103.3,    2.2,   78.5,     28   16.0,  172.7,  128.1,  -23.8,
 84.7,
  29   16.0,  179.1,  150.6,  -50.8,   88.3,     30   16.0,  180.0,  168.6,  -76.2,
 89.3,
  31   16.0,  175.5,  181.4,  -99.3,   87.6,     32   16.0,  165.7,  188.7, -119.4,
 83.2,
  33   16.0,  153.7,  190.2, -135.9,   77.7,     34   16.0,  140.9,  186.0, -148.2,
 71.8,
  35   16.0,  123.9,  176.2, -156.0,   63.8,     36   16.0,  103.3,  161.2, -159.1,
 53.9,


SOURCE ID: STCK2
 IFV    BH      BW      BL     XADJ    YADJ     IFV    BH      BW      BL     XADJ
 YADJ
   1   16.0,  167.5,   86.2,  -54.1,  -85.1,      2   16.0,  170.5,  110.2,  -51.2,
-85.6,
   3   16.0,  168.2,  130.7,  -46.7,  -83.6,      4   16.0,  160.8,  147.3,  -40.9,
-79.0,
   5   16.0,  148.5,  159.4,  -33.8,  -72.0,      6   16.0,  131.8,  166.7,  -25.6,
-62.8,
   7   16.0,  111.0,  168.9,  -16.7,  -51.8,      8   16.0,   86.8,  166.0,   -7.3,
-39.1,
   9   16.0,   60.1,  159.5,    2.2,  -25.3,     10   16.0,   86.2,  167.5,    1.3,
```

-10.9,
  11   16.0, 110.2, 170.5,   0.4,   3.9,   12   16.0, 130.7, 168.2,   -0.5,
 18.6,
  13   16.0, 147.3, 160.8,   -1.4,   32.8,   14   16.0, 159.4, 148.5,   -2.2,
 45.9,
  15   16.0, 166.7, 131.8,   -3.0,   57.7,   16   16.0, 168.9, 111.0,   -3.7,
 67.7,
  17   16.0, 166.0,   86.8,   -4.3,   75.7,   18   16.0, 159.5,   60.1,   -4.8,
 82.0,
  19   16.0, 167.5,   86.2, -32.2,   85.1,   20   16.0, 170.5, 110.2, -59.0,
 85.6,
  21   16.0, 168.2, 130.7, -84.0,   83.6,   22   16.0, 160.8, 147.3, -106.4,
 79.0,
  23   16.0, 148.5, 159.4, -125.7,   72.0,   24   16.0, 131.8, 166.7, -141.1,
 62.8,
  25   16.0, 111.0, 168.9, -152.2,   51.8,   26   16.0,   86.8, 166.0, -158.7,
 39.1,
  27   16.0,   60.1, 159.5, -161.7,   25.3,   28   16.0,   86.2, 167.5, -168.9,
 10.9,
  29   16.0, 110.2, 170.5, -170.9,   -3.9,   30   16.0, 130.7, 168.2, -167.7,
-18.6,
  31   16.0, 147.3, 160.8, -159.4, -32.8,   32   16.0, 159.4, 148.5, -146.3,
-45.9,
  33   16.0, 166.7, 131.8, -128.7, -57.7,   34   16.0, 168.9, 111.0, -107.2,
-67.7,
  35   16.0, 166.0,   86.8, -82.5, -75.7,   36   16.0, 159.5,   60.1, -55.3,
-82.0,

SOURCE ID: STCK3
 IFV   BH   BW   BL   XADJ   YADJ   IFV   BH   BW   BL   XADJ
 YADJ
   1   16.0, 167.5,   86.2, -130.9, -41.5,   2   16.0, 170.5, 110.2, -134.4,
-56.0,
   3   16.0, 168.2, 130.7, -133.8, -68.9,   4   16.0, 160.8, 147.3, -129.2,
-79.6,
   5   16.0,   69.2,   81.2, -40.1,   33.6,   6   16.0,   69.6,   78.4, -45.6,
 34.4,
   7   16.0,   68.0,   73.2, -49.7,   34.2,   8   16.0,   64.2,   65.8, -52.3,
 33.0,
   9   16.0,   59.2,   56.6, -53.3,   30.8,   10   16.0,   68.1,   61.1, -58.1,
 25.9,
  11   16.0,   74.9,   63.8, -61.2,   20.3,   12   16.0, 130.7, 168.2, -15.2,
-68.5,
  13   16.0, 147.3, 160.8,   -0.8, -55.5,   14   16.0, 159.4, 148.5,   13.7,
-40.9,
  15   16.0, 166.7, 131.8,   27.8, -25.1,   16   16.0,   73.2,   68.0, -68.2,
-13.1,
  17   16.0,   65.8,   64.2, -65.1, -19.4,   18   16.0,   56.6,   59.2, -60.3,
-25.0,

```
 19   16.0,   61.1,   68.1,  -60.0,  -27.6,     20   16.0,  170.5,  110.2,   24.2,
 56.0,
 21   16.0,  168.2,  130.7,    3.1,   68.9,     22   16.0,  160.8,  147.3,  -18.1,
 79.6,
 23   16.0,   69.2,   81.2,  -41.1,  -33.6,     24   16.0,   69.6,   78.4,  -32.8,
-34.4,
 25   16.0,   68.0,   73.2,  -23.5,  -34.2,     26   16.0,   64.2,   65.8,  -13.5,
-33.0,
 27   16.0,   59.2,   56.6,   -3.3,  -30.8,     28   16.0,   68.1,   61.1,   -3.0,
-25.9,
 29   16.0,   74.9,   63.8,   -2.6,  -20.3,     30   16.0,  130.7,  168.2, -153.0,
 68.5,
 31   16.0,  147.3,  160.8, -160.0,   55.5,     32   16.0,  159.4,  148.5, -162.2,
 40.9,
 33   16.0,  166.7,  131.8, -159.5,   25.1,     34   16.0,  168.9,  111.0, -152.0,
  8.5,
 35   16.0,  166.0,   86.8, -139.8,   -8.4,     36   16.0,  159.5,   60.1, -123.4,
-25.7,


SOURCE ID: STCK4
 IFV    BH      BW      BL     XADJ    YADJ     IFV    BH      BW      BL     XADJ
 YADJ
   1   16.0,  168.8,   82.8,   -2.1,  -76.3,      2   16.0,  172.2,  107.3,   -1.6,
-67.8,
   3   16.0,  170.3,  128.5,   -1.0,  -57.1,      4   16.0,  163.3,  145.8,   -0.4,
-44.8,
   5   16.0,  151.4,  158.6,    0.2,  -31.1,      6   16.0,  134.8,  166.7,    0.8,
-16.4,
   7   16.0,  114.1,  169.7,    1.3,   -1.2,      8   16.0,   90.0,  167.5,    1.9,
 14.0,
   9   16.0,   63.2,  160.3,    2.3,   28.8,     10   16.0,   82.8,  168.8,   -8.1,
 39.3,
  11   16.0,  107.3,  172.2,  -18.3,   52.1,     12   16.0,  128.5,  170.3,  -28.0,
 63.2,
  13   16.0,  145.8,  163.3,  -36.9,   72.5,     14   16.0,  158.6,  151.4,  -44.6,
 79.5,
  15   16.0,  166.7,  134.8,  -51.0,   84.1,     16   16.0,  169.7,  114.1,  -55.8,
 86.2,
  17   16.0,  167.5,   90.0,  -59.0,   85.6,     18   16.0,  160.3,   63.2,  -60.4,
 82.5,
  19   16.0,  168.8,   82.8,  -80.7,   76.3,     20   16.0,  172.2,  107.3, -105.7,
 67.8,
  21   16.0,  170.3,  128.5, -127.5,   57.1,     22   16.0,  163.3,  145.8, -145.4,
 44.8,
  23   16.0,  151.4,  158.6, -158.8,   31.1,     24   16.0,  134.8,  166.7, -167.5,
 16.4,
  25   16.0,  114.1,  169.7, -171.0,    1.2,     26   16.0,   90.0,  167.5, -169.4,
-14.0,
  27   16.0,   63.2,  160.3, -162.7,  -28.8,     28   16.0,   82.8,  168.8, -160.7,
```

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 -39.3,
   29   16.0,  107.3,  172.2, -153.8,  -52.1,     30   16.0,  128.5,  170.3, -142.3,
 -63.2,
   31   16.0,  145.8,  163.3, -126.4,  -72.5,     32   16.0,  158.6,  151.4, -106.7,
 -79.5,
   33   16.0,  166.7,  134.8,  -83.8,  -84.1,     34   16.0,  169.7,  114.1,  -58.3,
 -86.2,
   35   16.0,  167.5,   90.0,  -31.0,  -85.6,     36   16.0,  160.3,   63.2,   -2.8,
 -82.5,

 *** AERMOD - VERSION 22112  ***   *** Compass Operations
                             ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                              *** DIRECTION SPECIFIC BUILDING DIMENSIONS
***


 SOURCE ID: STCK5
  IFV    BH      BW      BL     XADJ    YADJ     IFV    BH      BW      BL     XADJ
  YADJ
    1   16.0,  147.1,  106.0,   -0.2,  -55.6,      2   16.0,  152.9,  123.8,   -1.0,
 -44.2,
    3   16.0,  154.1,  137.9,   -1.8,  -31.4,      4   16.0,  150.6,  147.7,   -2.5,
 -17.7,
    5   16.0,  142.5,  154.9,   -3.1,   -3.4,      6   16.0,  130.1,  157.8,   -3.7,
  10.9,
    7   16.0,  113.8,  155.9,   -4.1,   25.0,      8   16.0,   93.9,  149.2,   -4.5,
  38.2,
    9   16.0,   85.3,  138.4,   -4.6,   43.3,     10   16.0,  106.0,  147.1,  -17.9,
  52.9,
   11   16.0,  123.8,  152.9,  -32.3,   60.9,     12   16.0,  137.9,  154.1,  -45.6,
  67.2,
   13   16.0,  147.7,  150.6,  -57.6,   71.4,     14   16.0,  154.9,  142.5,  -67.8,
  74.3,
   15   16.0,  157.8,  130.1,  -76.0,   75.2,     16   16.0,  155.9,  113.8,  -81.8,
  73.8,
   17   16.0,  149.2,   93.9,  -85.2,   70.1,     18   16.0,  138.4,   85.3,  -86.0,
  64.5,
   19   16.0,  147.1,  106.0, -105.9,   55.6,     20   16.0,  152.9,  123.8, -122.9,
  44.2,
   21   16.0,  154.1,  137.9, -136.1,   31.4,     22   16.0,  150.6,  147.7, -145.2,
  17.7,
   23   16.0,  142.5,  154.9, -151.7,    3.4,     24   16.0,  130.1,  157.8, -154.1,
 -10.9,
   25   16.0,  113.8,  155.9, -151.7,  -25.0,     26   16.0,   93.9,  149.2, -144.8,
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-38.2,
  27   16.0,   85.3, 138.4, -133.7, -43.3,   28   16.0, 106.0, 147.1, -129.1,
-52.9,
  29   16.0, 123.8, 152.9, -120.6, -60.9,   30   16.0, 137.9, 154.1, -108.5,
-67.2,
  31   16.0, 147.7, 150.6, -93.0, -71.4,   32   16.0, 154.9, 142.5, -74.7,
-74.3,
  33   16.0, 157.8, 130.1, -54.1, -75.2,   34   16.0, 155.9, 113.8, -31.9,
-73.8,
  35   16.0, 149.2,   93.9,   -8.7, -70.1,   36   16.0, 138.4,   85.3,   0.7,
-64.5,

SOURCE ID: STCK6
 IFV   BH   BW   BL   XADJ   YADJ   IFV   BH   BW   BL   XADJ
 YADJ
   1   16.0, 147.1, 106.0,   -1.7, -44.2,   2   16.0, 152.9, 123.8,   -4.5,
-33.3,
   3   16.0, 154.1, 137.9,   -7.1, -21.3,   4   16.0, 150.6, 147.7,   -9.5,
 -8.6,
   5   16.0, 142.5, 154.9, -11.7,   4.3,   6   16.0, 130.1, 157.8, -13.4,
 17.0,
   7   16.0, 113.8, 155.9, -14.8,   29.3,   8   16.0,   93.9, 149.2, -15.7,
 40.6,
   9   16.0,   85.3, 138.4, -16.1,   43.7,   10   16.0, 106.0, 147.1, -29.3,
 51.3,
  11   16.0, 123.8, 152.9, -43.2,   57.4,   12   16.0, 137.9, 154.1, -55.8,
 61.8,
  13   16.0, 147.7, 150.6, -66.7,   64.3,   14   16.0, 154.9, 142.5, -75.5,
 65.8,
  15   16.0, 157.8, 130.1, -82.1,   65.5,   16   16.0, 155.9, 113.8, -86.2,
 63.1,
  17   16.0, 149.2,   93.9, -87.6,   58.9,   18   16.0, 138.4,   85.3, -86.4,
 53.1,
  19   16.0, 147.1, 106.0, -104.3,   44.2,   20   16.0, 152.9, 123.8, -119.3,
 33.3,
  21   16.0, 154.1, 137.9, -130.7,   21.3,   22   16.0, 150.6, 147.7, -138.2,
  8.6,
  23   16.0, 142.5, 154.9, -143.2,   -4.3,   24   16.0, 130.1, 157.8, -144.3,
-17.0,
  25   16.0, 113.8, 155.9, -141.1, -29.3,   26   16.0,   93.9, 149.2, -133.5,
-40.6,
  27   16.0,   85.3, 138.4, -122.3, -43.7,   28   16.0, 106.0, 147.1, -117.8,
-51.3,
  29   16.0, 123.8, 152.9, -109.7, -57.4,   30   16.0, 137.9, 154.1, -98.3,
-61.8,
  31   16.0, 147.7, 150.6, -83.9, -64.3,   32   16.0, 154.9, 142.5, -67.0,
-65.8,
  33   16.0, 157.8, 130.1, -48.0, -65.5,   34   16.0, 155.9, 113.8, -27.6,
-63.1,

```
   35   16.0,  149.2,   93.9,   -6.3,  -58.9,     36   16.0,  138.4,   85.3,    1.1,
 -53.1,

↑ *** AERMOD - VERSION 22112  ***   *** Compass Operations
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW7) *

 SOURCE ID = STCK1        ; SOURCE TYPE = POINT    :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .1000E+01   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
```

```
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 22112  ***   *** Compass Operations
                          ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:12:53

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW7) *

 SOURCE ID = STCK2        ; SOURCE TYPE = POINT    :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .1000E+01   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
```

6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = THURSDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = FRIDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW7) *

 SOURCE ID = STCK3   ; SOURCE TYPE = POINT   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = MONDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .1000E+01   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                  DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
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                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW7) *

 SOURCE ID = STCK4        ; SOURCE TYPE = POINT    :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .1000E+01   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
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    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 22112  ***   *** Compass Operations
                          ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                         ***       17:12:53

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW7) *

 SOURCE ID = STCK5        ; SOURCE TYPE = POINT    :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .1000E+01   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

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                                                DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 22112  ***   *** Compass Operations
                          ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                         ***       17:12:53

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW7) *

 SOURCE ID = STCK6        ; SOURCE TYPE = POINT    :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .1000E+01   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
```

```
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 22112  ***   *** Compass Operations
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                        ***       17:12:53

                                  PAGE  31
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
```

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(478269.3, 3732495.4, 471.1, 683.6, 0.0); (478319.3, 3732495.4, 471.2, 683.6, 0.0);
(478369.3, 3732495.4, 471.1, 683.6, 0.0); (478419.3, 3732495.4, 469.3, 683.6, 0.0);
(478469.3, 3732495.4, 467.3, 683.6, 0.0); (478519.3, 3732495.4, 467.1, 683.6, 0.0);
(478569.3, 3732495.4, 470.6, 683.6, 0.0); (478619.3, 3732495.4, 468.8, 683.6, 0.0);
(478669.3, 3732495.4, 471.0, 683.6, 0.0); (478719.3, 3732495.4, 473.9, 683.6, 0.0);
(478769.3, 3732495.4, 474.1, 683.6, 0.0); (478819.3, 3732495.4, 478.1, 683.6, 0.0);
(478869.3, 3732495.4, 476.9, 683.6, 0.0); (478919.3, 3732495.4, 470.7, 683.6, 0.0);
(478969.3, 3732495.4, 467.4, 683.6, 0.0); (479019.3, 3732495.4, 468.0, 683.6, 0.0);
(479069.3, 3732495.4, 473.9, 683.6, 0.0); (479119.3, 3732495.4, 484.2, 683.6, 0.0);
(479169.3, 3732495.4, 488.4, 683.6, 0.0); (478269.3, 3732545.4, 470.4, 683.6, 0.0);
(478319.3, 3732545.4, 471.2, 683.6, 0.0); (478369.3, 3732545.4, 470.2, 683.6, 0.0);
(478419.3, 3732545.4, 467.3, 683.6, 0.0); (478469.3, 3732545.4, 464.5, 683.6, 0.0);
(478519.3, 3732545.4, 462.5, 683.6, 0.0); (478569.3, 3732545.4, 464.5, 683.6, 0.0);
(478619.3, 3732545.4, 466.1, 683.6, 0.0); (478669.3, 3732545.4, 465.1, 683.6, 0.0);
(478719.3, 3732545.4, 466.3, 683.6, 0.0); (478769.3, 3732545.4, 470.8, 683.6, 0.0);
(478819.3, 3732545.4, 473.5, 683.6, 0.0); (478869.3, 3732545.4, 474.2, 683.6, 0.0);
(478919.3, 3732545.4, 469.2, 683.6, 0.0); (478969.3, 3732545.4, 465.7, 683.6, 0.0);
(479019.3, 3732545.4, 465.6, 683.6, 0.0); (479069.3, 3732545.4, 467.2, 683.6, 0.0);
(479119.3, 3732545.4, 474.8, 683.6, 0.0); (479169.3, 3732545.4, 479.2, 683.6, 0.0);
(478269.3, 3732595.4, 469.2, 683.6, 0.0); (478319.3, 3732595.4, 469.4, 683.6, 0.0);
(478369.3, 3732595.4, 467.1, 683.6, 0.0); (478419.3, 3732595.4, 465.0, 683.6, 0.0);
(478469.3, 3732595.4, 463.1, 683.6, 0.0); (478519.3, 3732595.4, 460.3, 683.6, 0.0);
(478569.3, 3732595.4, 460.0, 683.6, 0.0); (478619.3,

3732595.4,   463.2,   683.6,   0.0);
     (478669.3, 3732595.4,   462.7,   683.6,   0.0);   (478719.3,
3732595.4,   463.5,   683.6,   0.0);
     (478769.3, 3732595.4,   467.5,   683.6,   0.0);   (478819.3,
3732595.4,   470.1,   683.6,   0.0);
     (478869.3, 3732595.4,   469.5,   683.6,   0.0);   (478919.3,
3732595.4,   465.2,   683.6,   0.0);
     (478969.3, 3732595.4,   464.2,   683.6,   0.0);   (479019.3,
3732595.4,   463.6,   683.6,   0.0);
     (479069.3, 3732595.4,   463.8,   683.6,   0.0);   (479119.3,
3732595.4,   465.2,   683.6,   0.0);
     (479169.3, 3732595.4,   467.2,   683.6,   0.0);   (478269.3,
3732645.4,   466.4,   683.6,   0.0);
     (478319.3, 3732645.4,   463.7,   683.6,   0.0);   (478369.3,
3732645.4,   463.2,   683.6,   0.0);
     (478419.3, 3732645.4,   462.7,   683.6,   0.0);   (478469.3,
3732645.4,   461.5,   683.6,   0.0);
     (478519.3, 3732645.4,   457.8,   683.6,   0.0);   (478569.3,
3732645.4,   457.1,   683.6,   0.0);
     (478619.3, 3732645.4,   458.9,   683.6,   0.0);   (478669.3,
3732645.4,   459.9,   683.6,   0.0);
     (478719.3, 3732645.4,   460.7,   683.6,   0.0);   (478769.3,
3732645.4,   462.9,   683.6,   0.0);
     (478819.3, 3732645.4,   464.9,   683.6,   0.0);   (478869.3,
3732645.4,   460.2,   683.6,   0.0);
     (478919.3, 3732645.4,   461.3,   683.6,   0.0);   (478969.3,
3732645.4,   462.0,   683.6,   0.0);
     (479019.3, 3732645.4,   462.1,   683.6,   0.0);   (479069.3,
3732645.4,   461.1,   683.6,   0.0);
     (479119.3, 3732645.4,   463.3,   683.6,   0.0);   (479169.3,
3732645.4,   463.3,   683.6,   0.0);
     (479219.3, 3732645.4,   464.8,   683.6,   0.0);   (479269.3,
3732645.4,   464.8,   683.6,   0.0);
     (478269.3, 3732695.4,   461.6,   683.6,   0.0);   (478319.3,
3732695.4,   460.9,   683.6,   0.0);
     (478369.3, 3732695.4,   460.3,   683.6,   0.0);   (478419.3,
3732695.4,   459.9,   683.6,   0.0);
     (478469.3, 3732695.4,   459.1,   683.6,   0.0);   (478519.3,
3732695.4,   456.4,   683.6,   0.0);
     (478569.3, 3732695.4,   456.1,   683.6,   0.0);   (478619.3,
3732695.4,   457.3,   683.6,   0.0);
     (478669.3, 3732695.4,   458.5,   683.6,   0.0);   (478719.3,
3732695.4,   459.8,   683.6,   0.0);
     (478769.3, 3732695.4,   460.9,   683.6,   0.0);   (478819.3,
3732695.4,   459.4,   683.6,   0.0);

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(478869.3, 3732695.4, 456.2, 683.6, 0.0); (478919.3, 3732695.4, 457.0, 683.6, 0.0);
(478969.3, 3732695.4, 458.1, 683.6, 0.0); (479019.3, 3732695.4, 459.2, 683.6, 0.0);
(479069.3, 3732695.4, 459.9, 683.6, 0.0); (479119.3, 3732695.4, 461.6, 683.6, 0.0);
(479169.3, 3732695.4, 461.8, 683.6, 0.0); (479219.3, 3732695.4, 462.2, 683.6, 0.0);
(479269.3, 3732695.4, 462.2, 683.6, 0.0); (478269.3, 3732745.4, 456.8, 683.6, 0.0);
(478319.3, 3732745.4, 457.0, 683.6, 0.0); (478369.3, 3732745.4, 457.3, 683.6, 0.0);
(478419.3, 3732745.4, 456.8, 683.6, 0.0); (478469.3, 3732745.4, 456.5, 683.6, 0.0);
(478519.3, 3732745.4, 455.3, 683.6, 0.0); (478569.3, 3732745.4, 455.0, 683.6, 0.0);
(478619.3, 3732745.4, 455.8, 683.6, 0.0); (478669.3, 3732745.4, 456.4, 683.6, 0.0);
(478719.3, 3732745.4, 456.9, 683.6, 0.0); (478769.3, 3732745.4, 457.0, 683.6, 0.0);
(478819.3, 3732745.4, 455.9, 683.6, 0.0); (478869.3, 3732745.4, 454.9, 683.6, 0.0);
(478919.3, 3732745.4, 456.1, 683.6, 0.0); (478969.3, 3732745.4, 457.0, 683.6, 0.0);
(479019.3, 3732745.4, 458.2, 683.6, 0.0); (479069.3, 3732745.4, 459.3, 683.6, 0.0);
(479119.3, 3732745.4, 460.3, 683.6, 0.0); (479169.3, 3732745.4, 461.1, 683.6, 0.0);
(479219.3, 3732745.4, 459.4, 683.6, 0.0); (479269.3, 3732745.4, 459.3, 683.6, 0.0);
(478269.3, 3732795.4, 455.6, 683.6, 0.0); (478319.3, 3732795.4, 456.0, 683.6, 0.0);
(478369.3, 3732795.4, 455.6, 683.6, 0.0); (478419.3, 3732795.4, 455.2, 683.6, 0.0);
(478469.3, 3732795.4, 454.7, 683.6, 0.0); (478519.3, 3732795.4, 454.3, 683.6, 0.0);
(478569.3, 3732795.4, 454.4, 683.6, 0.0); (478619.3, 3732795.4, 455.0, 683.6, 0.0);
(478669.3, 3732795.4, 455.5, 683.6, 0.0); (478719.3, 3732795.4, 455.6, 683.6, 0.0);
(478769.3, 3732795.4, 455.1, 683.6, 0.0); (478819.3, 3732795.4, 454.6, 683.6, 0.0);
(478869.3, 3732795.4, 454.2, 683.6, 0.0); (478919.3,

```
3732795.4,     454.6,     683.6,       0.0);
     ( 478969.3, 3732795.4,     455.1,     683.6,       0.0);         ( 479019.3,
3732795.4,     455.6,     683.6,       0.0);
     ( 479069.3, 3732795.4,     456.2,     683.6,       0.0);         ( 479119.3,
3732795.4,     456.5,     683.6,       0.0);
     ( 479169.3, 3732795.4,     456.8,     683.6,       0.0);         ( 479219.3,
3732795.4,     456.4,     683.6,       0.0);
     ( 479269.3, 3732795.4,     456.8,     683.6,       0.0);         ( 478269.3,
3732845.4,     452.1,     683.6,       0.0);
     ( 478319.3, 3732845.4,     453.8,     683.6,       0.0);         ( 478369.3,
3732845.4,     451.8,     683.6,       0.0);
     ( 478419.3, 3732845.4,     451.4,     683.6,       0.0);         ( 478469.3,
3732845.4,     451.3,     683.6,       0.0);
     ( 478519.3, 3732845.4,     452.3,     683.6,       0.0);         ( 478569.3,
3732845.4,     453.1,     683.6,       0.0);
     ( 478619.3, 3732845.4,     453.5,     683.6,       0.0);         ( 478669.3,
3732845.4,     454.0,     683.6,       0.0);
     ( 478719.3, 3732845.4,     454.1,     683.6,       0.0);         ( 478769.3,
3732845.4,     452.8,     683.6,       0.0);
     ( 478819.3, 3732845.4,     452.1,     683.6,       0.0);         ( 478869.3,
3732845.4,     452.2,     683.6,       0.0);
     ( 478919.3, 3732845.4,     453.2,     683.6,       0.0);         ( 478969.3,
3732845.4,     454.2,     683.6,       0.0);
     ( 479019.3, 3732845.4,     454.7,     683.6,       0.0);         ( 479069.3,
3732845.4,     455.4,     683.6,       0.0);
     ( 479119.3, 3732845.4,     456.0,     683.6,       0.0);         ( 479169.3,
3732845.4,     455.2,     683.6,       0.0);
     ( 479219.3, 3732845.4,     454.6,     683.6,       0.0);         ( 479269.3,
3732845.4,     455.0,     683.6,       0.0);
     ( 478269.3, 3732995.4,     444.4,     683.6,       0.0);         ( 478319.3,
3732995.4,     446.3,     683.6,       0.0);
     ( 478369.3, 3732995.4,     446.5,     683.6,       0.0);         ( 478419.3,
3732995.4,     447.1,     683.6,       0.0);
     ( 478469.3, 3732995.4,     447.9,     683.6,       0.0);         ( 478519.3,
3732995.4,     448.7,     683.6,       0.0);
     ( 478569.3, 3732995.4,     448.9,     683.6,       0.0);         ( 478619.3,
3732995.4,     448.4,     683.6,       0.0);
     ( 478669.3, 3732995.4,     447.7,     683.6,       0.0);         ( 478719.3,
3732995.4,     447.0,     683.6,       0.0);
     ( 478969.3, 3732995.4,     447.6,     683.6,       0.0);         ( 479019.3,
3732995.4,     447.9,     683.6,       0.0);
     ( 479069.3, 3732995.4,     448.6,     683.6,       0.0);         ( 479119.3,
3732995.4,     448.4,     683.6,       0.0);
     ( 479169.3, 3732995.4,     448.1,     683.6,       0.0);         ( 479219.3,
3732995.4,     447.8,     683.6,       0.0);
     ( 479269.3, 3732995.4,     448.0,     683.6,       0.0);         ( 478269.3,
3733045.4,     444.0,     683.6,       0.0);
 *** AERMOD - VERSION 22112  ***   *** Compass Operations
                           ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
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*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(478319.3, 3733045.4, 444.9, 683.6, 0.0); (478369.3, 3733045.4, 445.8, 683.6, 0.0);
(478419.3, 3733045.4, 446.9, 683.6, 0.0); (478469.3, 3733045.4, 448.0, 683.6, 0.0);
(478519.3, 3733045.4, 448.7, 683.6, 0.0); (478569.3, 3733045.4, 448.8, 683.6, 0.0);
(478619.3, 3733045.4, 448.3, 683.6, 0.0); (478669.3, 3733045.4, 447.3, 683.6, 0.0);
(478719.3, 3733045.4, 446.5, 683.6, 0.0); (478769.3, 3733045.4, 446.0, 683.6, 0.0);
(478819.3, 3733045.4, 445.4, 683.6, 0.0); (478969.3, 3733045.4, 446.8, 683.6, 0.0);
(479019.3, 3733045.4, 447.3, 683.6, 0.0); (479069.3, 3733045.4, 448.0, 683.6, 0.0);
(479119.3, 3733045.4, 448.0, 683.6, 0.0); (479169.3, 3733045.4, 447.9, 683.6, 0.0);
(479219.3, 3733045.4, 447.4, 683.6, 0.0); (479269.3, 3733045.4, 447.2, 683.6, 0.0);
(478269.3, 3733095.4, 444.4, 683.6, 0.0); (478319.3, 3733095.4, 445.4, 683.6, 0.0);
(478369.3, 3733095.4, 446.7, 683.6, 0.0); (478419.3, 3733095.4, 447.9, 683.6, 0.0);
(478469.3, 3733095.4, 449.0, 683.6, 0.0); (478519.3, 3733095.4, 449.5, 683.6, 0.0);
(478569.3, 3733095.4, 449.5, 683.6, 0.0); (478619.3, 3733095.4, 449.2, 683.6, 0.0);
(478669.3, 3733095.4, 448.2, 683.6, 0.0); (478719.3, 3733095.4, 446.8, 683.6, 0.0);
(478769.3, 3733095.4, 445.5, 683.6, 0.0); (478819.3, 3733095.4, 443.9, 683.6, 0.0);
(478869.3, 3733095.4, 443.1, 683.6, 0.0); (478919.3, 3733095.4, 443.8, 683.6, 0.0);
(478969.3, 3733095.4, 445.3, 683.6, 0.0); (479019.3, 3733095.4, 445.2, 683.6, 0.0);
(479069.3, 3733095.4, 445.0, 683.6, 0.0); (479119.3, 3733095.4, 445.2, 683.6, 0.0);
(479169.3, 3733095.4, 445.1, 683.6, 0.0); (479219.3, 3733095.4, 445.6, 683.6, 0.0);
(479269.3, 3733095.4, 445.7, 683.6, 0.0); (478269.3, 3733145.4, 445.1, 683.6, 0.0);
(478319.3, 3733145.4, 445.6, 683.6, 0.0); (478369.3,

3733145.4,   446.4,   683.6,   0.0);
     (478419.3, 3733145.4,   448.1,   683.6,   0.0);   (478469.3,
3733145.4,   449.9,   683.6,   0.0);
     (478519.3, 3733145.4,   450.5,   683.6,   0.0);   (478569.3,
3733145.4,   450.1,   683.6,   0.0);
     (478619.3, 3733145.4,   449.3,   683.6,   0.0);   (478669.3,
3733145.4,   448.1,   683.6,   0.0);
     (478719.3, 3733145.4,   447.4,   683.6,   0.0);   (478769.3,
3733145.4,   445.6,   683.6,   0.0);
     (478819.3, 3733145.4,   442.8,   683.6,   0.0);   (478869.3,
3733145.4,   441.6,   683.6,   0.0);
     (478919.3, 3733145.4,   440.7,   683.6,   0.0);   (478969.3,
3733145.4,   443.6,   683.6,   0.0);
     (479019.3, 3733145.4,   443.6,   683.6,   0.0);   (479069.3,
3733145.4,   443.5,   683.6,   0.0);
     (479119.3, 3733145.4,   443.9,   683.6,   0.0);   (479169.3,
3733145.4,   443.4,   683.6,   0.0);
     (479219.3, 3733145.4,   444.2,   683.6,   0.0);   (479269.3,
3733145.4,   444.4,   683.6,   0.0);
     (478269.3, 3733195.4,   445.6,   683.6,   0.0);   (478319.3,
3733195.4,   447.6,   683.6,   0.0);
     (478369.3, 3733195.4,   450.8,   683.6,   0.0);   (478419.3,
3733195.4,   455.0,   612.3,   0.0);
     (478569.3, 3733195.4,   454.3,   683.6,   0.0);   (478619.3,
3733195.4,   450.7,   683.6,   0.0);
     (478669.3, 3733195.4,   449.6,   683.6,   0.0);   (478719.3,
3733195.4,   447.2,   683.6,   0.0);
     (478769.3, 3733195.4,   445.5,   683.6,   0.0);   (478819.3,
3733195.4,   443.2,   683.6,   0.0);
     (478869.3, 3733195.4,   440.8,   683.6,   0.0);   (478919.3,
3733195.4,   438.9,   683.6,   0.0);
     (478969.3, 3733195.4,   442.2,   683.6,   0.0);   (479019.3,
3733195.4,   442.2,   683.6,   0.0);
     (479069.3, 3733195.4,   442.0,   683.6,   0.0);   (479119.3,
3733195.4,   442.4,   683.6,   0.0);
     (479169.3, 3733195.4,   442.3,   683.6,   0.0);   (479219.3,
3733195.4,   443.0,   683.6,   0.0);
     (479269.3, 3733195.4,   443.4,   683.6,   0.0);   (478619.3,
3733245.4,   454.2,   612.3,   0.0);
     (478669.3, 3733245.4,   451.0,   683.6,   0.0);   (478719.3,
3733245.4,   447.7,   683.6,   0.0);
     (478769.3, 3733245.4,   444.7,   683.6,   0.0);   (478819.3,
3733245.4,   442.8,   683.6,   0.0);
     (478869.3, 3733245.4,   440.8,   683.6,   0.0);   (478919.3,
3733245.4,   438.7,   683.6,   0.0);
     (478969.3, 3733245.4,   441.5,   683.6,   0.0);   (479019.3,
3733245.4,   441.3,   683.6,   0.0);
     (479069.3, 3733245.4,   441.6,   683.6,   0.0);   (479119.3,
3733245.4,   441.9,   683.6,   0.0);

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(479169.3, 3733245.4, 441.9, 683.6, 0.0); (479219.3, 3733245.4, 442.4, 683.6, 0.0);
(479269.3, 3733245.4, 442.7, 683.6, 0.0); (478819.3, 3733295.4, 443.4, 683.6, 0.0);
(478869.3, 3733295.4, 442.1, 683.6, 0.0); (478919.3, 3733295.4, 440.3, 683.6, 0.0);
(478969.3, 3733295.4, 440.4, 683.6, 0.0); (479019.3, 3733295.4, 440.0, 683.6, 0.0);
(479069.3, 3733295.4, 440.0, 683.6, 0.0); (479119.3, 3733295.4, 441.5, 683.6, 0.0);
(479169.3, 3733295.4, 441.8, 683.6, 0.0); (479219.3, 3733295.4, 442.0, 683.6, 0.0);
(479269.3, 3733295.4, 442.0, 683.6, 0.0); (478819.3, 3733345.4, 444.0, 612.3, 0.0);
(478869.3, 3733345.4, 442.4, 612.3, 0.0); (478919.3, 3733345.4, 438.9, 683.6, 0.0);
(478969.3, 3733345.4, 438.8, 683.6, 0.0); (479019.3, 3733345.4, 438.9, 683.6, 0.0);
(479069.3, 3733345.4, 439.4, 683.6, 0.0); (479119.3, 3733345.4, 441.5, 612.3, 0.0);
(479169.3, 3733345.4, 441.8, 612.3, 0.0); (479219.3, 3733345.4, 441.5, 441.5, 0.0);
(479269.3, 3733345.4, 441.5, 441.5, 0.0); (478819.3, 3733395.4, 440.5, 612.3, 0.0);
(478869.3, 3733395.4, 440.6, 612.3, 0.0); (478919.3, 3733395.4, 438.2, 612.3, 0.0);
(478969.3, 3733395.4, 438.3, 612.3, 0.0); (479019.3, 3733395.4, 438.5, 612.3, 0.0);
(479069.3, 3733395.4, 438.5, 612.3, 0.0); (479119.3, 3733395.4, 440.1, 612.3, 0.0);
(479169.3, 3733395.4, 440.4, 440.4, 0.0); (479219.3, 3733395.4, 440.8, 440.8, 0.0);
(479269.3, 3733395.4, 440.7, 440.7, 0.0); (478919.3, 3733445.4, 437.7, 612.3, 0.0);
(478969.3, 3733445.4, 437.7, 612.3, 0.0); (479019.3, 3733445.4, 437.9, 612.3, 0.0);
(479069.3, 3733445.4, 437.9, 437.9, 0.0); (479119.3, 3733445.4, 439.5, 439.5, 0.0);
(479169.3, 3733445.4, 439.8, 439.8, 0.0); (479219.3,

```
3733445.4,     439.9,     439.9,       0.0);
     ( 479269.3, 3733445.4,     439.8,     439.8,       0.0);         ( 478919.3,
3733495.4,     437.1,     612.3,       0.0);
     ( 478969.3, 3733495.4,     437.2,     489.1,       0.0);         ( 479019.3,
3733495.4,     437.3,     437.3,       0.0);
     ( 479069.3, 3733495.4,     437.5,     437.5,       0.0);         ( 479119.3,
3733495.4,     438.8,     438.8,       0.0);
     ( 479169.3, 3733495.4,     439.0,     439.0,       0.0);         ( 479219.3,
3733495.4,     439.1,     439.1,       0.0);
     ( 479269.3, 3733495.4,     438.9,     438.9,       0.0);         ( 478869.3,
3733545.4,     434.6,     612.3,       0.0);
     ( 478919.3, 3733545.4,     435.9,     489.1,       0.0);         ( 478969.3,
3733545.4,     436.6,     489.1,       0.0);
     ( 479019.3, 3733545.4,     436.7,     436.7,       0.0);         ( 479069.3,
3733545.4,     437.0,     437.0,       0.0);
     ( 479119.3, 3733545.4,     438.1,     438.1,       0.0);         ( 479169.3,
3733545.4,     438.1,     438.1,       0.0);
     ( 479219.3, 3733545.4,     438.2,     438.2,       0.0);         ( 479269.3,
3733545.4,     438.1,     438.1,       0.0);
     ( 478719.3, 3733595.4,     436.0,     489.1,       0.0);         ( 478769.3,
3733595.4,     433.9,     489.1,       0.0);
     ( 478819.3, 3733595.4,     432.8,     489.1,       0.0);         ( 478869.3,
3733595.4,     432.6,     489.1,       0.0);
     ( 478919.3, 3733595.4,     434.9,     489.1,       0.0);         ( 478969.3,
3733595.4,     436.1,     488.1,       0.0);
     ( 479019.3, 3733595.4,     436.3,     436.3,       0.0);         ( 479069.3,
3733595.4,     436.5,     436.5,       0.0);
     ( 479119.3, 3733595.4,     437.4,     437.4,       0.0);         ( 479169.3,
3733595.4,     437.5,     437.5,       0.0);
     ( 479219.3, 3733595.4,     437.4,     437.4,       0.0);         ( 479269.3,
3733595.4,     437.4,     437.4,       0.0);
     ( 478719.3, 3733645.4,     435.3,     489.1,       0.0);         ( 478769.3,
3733645.4,     434.4,     489.1,       0.0);
     ( 478819.3, 3733645.4,     434.2,     489.1,       0.0);         ( 478869.3,
3733645.4,     434.1,     489.1,       0.0);
     ( 478919.3, 3733645.4,     434.9,     489.1,       0.0);         ( 478969.3,
3733645.4,     436.0,     436.0,       0.0);
     ( 479019.3, 3733645.4,     436.3,     436.3,       0.0);         ( 479069.3,
3733645.4,     436.6,     436.6,       0.0);
     ( 479119.3, 3733645.4,     437.1,     437.1,       0.0);         ( 479169.3,
3733645.4,     437.2,     437.2,       0.0);
     ( 479219.3, 3733645.4,     437.0,     437.0,       0.0);         ( 479269.3,
3733645.4,     436.8,     436.8,       0.0);
     ( 478269.3, 3733695.4,     434.5,     489.1,       0.0);         ( 478319.3,
3733695.4,     434.7,     489.1,       0.0);
     ( 478369.3, 3733695.4,     434.9,     489.1,       0.0);         ( 478419.3,
3733695.4,     435.0,     489.1,       0.0);
     ( 478469.3, 3733695.4,     435.1,     489.1,       0.0);         ( 478519.3,
3733695.4,     435.2,     489.1,       0.0);
     ( 478569.3, 3733695.4,     435.5,     489.1,       0.0);         ( 478619.3,
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*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(478669.3, 3733695.4, 435.6, 489.1, 0.0); (478719.3, 3733695.4, 435.8, 489.1, 0.0);
(478769.3, 3733695.4, 435.7, 489.1, 0.0); (478819.3, 3733695.4, 435.2, 489.1, 0.0);
(478869.3, 3733695.4, 435.0, 489.1, 0.0); (478919.3, 3733695.4, 435.1, 435.1, 0.0);
(478969.3, 3733695.4, 435.4, 435.4, 0.0); (479019.3, 3733695.4, 435.6, 435.6, 0.0);
(479069.3, 3733695.4, 435.8, 435.8, 0.0); (479119.3, 3733695.4, 436.0, 436.0, 0.0);
(479169.3, 3733695.4, 436.2, 436.2, 0.0); (479219.3, 3733695.4, 436.1, 436.1, 0.0);
(479269.3, 3733695.4, 435.9, 435.9, 0.0); (478269.3, 3733745.4, 434.4, 489.1, 0.0);
(478319.3, 3733745.4, 434.6, 489.1, 0.0); (478369.3, 3733745.4, 434.8, 489.1, 0.0);
(478419.3, 3733745.4, 434.7, 489.1, 0.0); (478469.3, 3733745.4, 434.7, 489.1, 0.0);
(478519.3, 3733745.4, 434.6, 489.1, 0.0); (478569.3, 3733745.4, 435.0, 489.1, 0.0);
(478619.3, 3733745.4, 435.0, 489.1, 0.0); (478669.3, 3733745.4, 434.6, 489.1, 0.0);
(478719.3, 3733745.4, 434.9, 489.1, 0.0); (478769.3, 3733745.4, 435.1, 489.1, 0.0);
(478819.3, 3733745.4, 435.3, 489.1, 0.0); (478869.3, 3733745.4, 434.8, 488.1, 0.0);
(478919.3, 3733745.4, 435.1, 435.1, 0.0); (478969.3, 3733745.4, 435.4, 435.4, 0.0);
(479019.3, 3733745.4, 435.4, 435.4, 0.0); (479069.3, 3733745.4, 435.3, 435.3, 0.0);
(479119.3, 3733745.4, 435.6, 435.6, 0.0); (479169.3, 3733745.4, 435.8, 435.8, 0.0);
(479219.3, 3733745.4, 435.9, 435.9, 0.0); (479269.3, 3733745.4, 436.0, 436.0, 0.0);
(478269.3, 3733795.4, 434.1, 489.1, 0.0); (478319.3, 3733795.4, 434.1, 489.1, 0.0);
(478369.3, 3733795.4, 434.5, 489.1, 0.0); (478419.3,

3733795.4,   434.6,   489.1,   0.0);
     (478469.3, 3733795.4,   434.4,   489.1,   0.0);   (478519.3,
3733795.4,   434.5,   489.1,   0.0);
     (478569.3, 3733795.4,   434.8,   489.1,   0.0);   (478619.3,
3733795.4,   434.9,   489.1,   0.0);
     (478669.3, 3733795.4,   434.3,   489.1,   0.0);   (478719.3,
3733795.4,   434.8,   489.1,   0.0);
     (478769.3, 3733795.4,   434.9,   489.1,   0.0);   (478819.3,
3733795.4,   435.1,   435.1,   0.0);
     (478869.3, 3733795.4,   434.6,   434.6,   0.0);   (478919.3,
3733795.4,   435.4,   435.4,   0.0);
     (478969.3, 3733795.4,   435.6,   435.6,   0.0);   (479019.3,
3733795.4,   435.3,   435.3,   0.0);
     (479069.3, 3733795.4,   435.4,   435.4,   0.0);   (479119.3,
3733795.4,   435.6,   435.6,   0.0);
     (479169.3, 3733795.4,   435.8,   435.8,   0.0);   (479219.3,
3733795.4,   436.0,   436.0,   0.0);
     (479269.3, 3733795.4,   435.9,   435.9,   0.0);   (478269.3,
3733845.4,   432.9,   489.1,   0.0);
     (478319.3, 3733845.4,   433.5,   489.1,   0.0);   (478369.3,
3733845.4,   434.1,   489.1,   0.0);
     (478419.3, 3733845.4,   434.2,   489.1,   0.0);   (478469.3,
3733845.4,   434.0,   489.1,   0.0);
     (478519.3, 3733845.4,   434.4,   489.1,   0.0);   (478569.3,
3733845.4,   434.5,   489.1,   0.0);
     (478619.3, 3733845.4,   434.6,   489.1,   0.0);   (478669.3,
3733845.4,   434.1,   489.1,   0.0);
     (478719.3, 3733845.4,   434.7,   434.7,   0.0);   (478769.3,
3733845.4,   434.7,   434.7,   0.0);
     (478819.3, 3733845.4,   434.9,   434.9,   0.0);   (478869.3,
3733845.4,   434.4,   434.4,   0.0);
     (478919.3, 3733845.4,   435.2,   435.2,   0.0);   (478969.3,
3733845.4,   435.1,   435.1,   0.0);
     (479019.3, 3733845.4,   435.2,   435.2,   0.0);   (479069.3,
3733845.4,   435.1,   435.1,   0.0);
     (479119.3, 3733845.4,   435.3,   435.3,   0.0);   (479169.3,
3733845.4,   435.4,   435.4,   0.0);
     (479219.3, 3733845.4,   435.6,   435.6,   0.0);   (479269.3,
3733845.4,   435.6,   435.6,   0.0);
     (478369.3, 3733895.4,   431.5,   489.1,   0.0);   (478419.3,
3733895.4,   432.6,   489.1,   0.0);
     (478469.3, 3733895.4,   433.7,   433.7,   0.0);   (478519.3,
3733895.4,   434.1,   434.1,   0.0);
     (478569.3, 3733895.4,   434.2,   434.2,   0.0);   (478619.3,
3733895.4,   434.0,   434.0,   0.0);
     (478669.3, 3733895.4,   433.9,   433.9,   0.0);   (478719.3,
3733895.4,   434.6,   434.6,   0.0);
     (478769.3, 3733895.4,   434.5,   434.5,   0.0);   (478819.3,
3733895.4,   434.6,   434.6,   0.0);
     (478869.3, 3733895.4,   434.3,   434.3,   0.0);   (478919.3,

3733895.4,   435.1,   435.1,   0.0);
     (478969.3, 3733895.4,   434.9,   434.9,   0.0);   (479019.3,
3733895.4,   434.9,   434.9,   0.0);

                                                *** DISCRETE CARTESIAN RECEPTORS ***
                                              (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                          (METERS)

     (479069.3, 3733895.4,   435.0,   435.0,   0.0);   (479119.3,
3733895.4,   435.4,   435.4,   0.0);
     (479169.3, 3733895.4,   435.5,   435.5,   0.0);   (479219.3,
3733895.4,   435.7,   435.7,   0.0);
     (479269.3, 3733895.4,   435.3,   435.3,   0.0);   (478569.3,
3733945.4,   432.3,   432.3,   0.0);
     (478619.3, 3733945.4,   433.1,   433.1,   0.0);   (478669.3,
3733945.4,   434.0,   434.0,   0.0);
     (478719.3, 3733945.4,   434.2,   434.2,   0.0);   (478769.3,
3733945.4,   434.3,   434.3,   0.0);
     (478819.3, 3733945.4,   434.1,   434.1,   0.0);   (478869.3,
3733945.4,   434.4,   434.4,   0.0);
     (478919.3, 3733945.4,   434.8,   434.8,   0.0);   (478969.3,
3733945.4,   434.9,   434.9,   0.0);
     (479019.3, 3733945.4,   434.6,   434.6,   0.0);   (479069.3,
3733945.4,   434.7,   434.7,   0.0);
     (479119.3, 3733945.4,   435.0,   435.0,   0.0);   (479169.3,
3733945.4,   435.3,   435.3,   0.0);
     (479219.3, 3733945.4,   435.3,   435.3,   0.0);   (479269.3,
3733945.4,   434.9,   434.9,   0.0);
     (478719.3, 3733995.4,   432.9,   432.9,   0.0);   (478769.3,
3733995.4,   433.7,   433.7,   0.0);
     (478819.3, 3733995.4,   433.8,   433.8,   0.0);   (478869.3,
3733995.4,   434.3,   434.3,   0.0);
     (478919.3, 3733995.4,   434.4,   434.4,   0.0);   (478969.3,
3733995.4,   434.8,   434.8,   0.0);
     (479019.3, 3733995.4,   434.2,   434.2,   0.0);   (479069.3,
3733995.4,   434.6,   434.6,   0.0);
     (479119.3, 3733995.4,   434.8,   434.8,   0.0);   (479169.3,
3733995.4,   435.1,   435.1,   0.0);
     (479219.3, 3733995.4,   435.1,   435.1,   0.0);   (479269.3,
3733995.4,   434.5,   434.5,   0.0);
     (478819.3, 3734045.4,   432.3,   432.3,   0.0);   (478869.3,
3734045.4,   434.2,   434.2,   0.0);
     (478919.3, 3734045.4,   434.1,   434.1,   0.0);   (478969.3,

3734045.4,   434.2,   434.2,   0.0);
     (479019.3, 3734045.4,   434.2,   434.2,   0.0);   (479069.3,
3734045.4,   434.8,   434.8,   0.0);
     (479119.3, 3734045.4,   434.5,   434.5,   0.0);   (479169.3,
3734045.4,   435.2,   435.2,   0.0);
     (479219.3, 3734045.4,   435.4,   435.4,   0.0);   (479269.3,
3734045.4,   434.8,   434.8,   0.0);
     (478919.3, 3734095.4,   432.3,   432.3,   0.0);   (478969.3,
3734095.4,   433.4,   433.4,   0.0);
     (479019.3, 3734095.4,   434.2,   434.2,   0.0);   (479069.3,
3734095.4,   434.3,   434.3,   0.0);
     (479119.3, 3734095.4,   434.8,   434.8,   0.0);   (479169.3,
3734095.4,   435.3,   435.3,   0.0);
     (479219.3, 3734095.4,   435.2,   435.2,   0.0);   (479269.3,
3734095.4,   434.5,   434.5,   0.0);
     (478969.3, 3734145.4,   431.7,   431.7,   0.0);   (479019.3,
3734145.4,   433.9,   433.9,   0.0);
     (479069.3, 3734145.4,   434.3,   434.3,   0.0);   (479119.3,
3734145.4,   434.9,   434.9,   0.0);
     (479169.3, 3734145.4,   434.9,   434.9,   0.0);   (479219.3,
3734145.4,   435.1,   435.1,   0.0);
     (479269.3, 3734145.4,   433.8,   433.8,   0.0);   (479019.3,
3734195.4,   430.8,   430.8,   0.0);
     (479069.3, 3734195.4,   434.3,   434.3,   0.0);   (479119.3,
3734195.4,   434.5,   434.5,   0.0);
     (479169.3, 3734195.4,   434.5,   434.5,   0.0);   (479219.3,
3734195.4,   432.9,   432.9,   0.0);
     (479269.3, 3734195.4,   433.0,   433.0,   0.0);   (479069.3,
3734245.4,   430.9,   434.4,   0.0);
     (479119.3, 3734245.4,   433.3,   433.3,   0.0);   (479169.3,
3734245.4,   431.0,   431.0,   0.0);
     (479219.3, 3734245.4,   430.7,   430.7,   0.0);   (479269.3,
3734245.4,   432.2,   432.2,   0.0);
     (481711.0, 3731999.8,   435.0,   435.0,   0.0);   (481761.0,
3731999.8,   434.8,   434.8,   0.0);
     (481811.0, 3731999.8,   434.9,   434.9,   0.0);   (481861.0,
3731999.8,   434.8,   434.8,   0.0);
     (481911.0, 3731999.8,   435.0,   435.0,   0.0);   (481961.0,
3731999.8,   435.2,   435.2,   0.0);
     (482011.0, 3731999.8,   435.2,   435.2,   0.0);   (482061.0,
3731999.8,   435.7,   435.7,   0.0);
     (482111.0, 3731999.8,   435.5,   435.5,   0.0);   (482161.0,
3731999.8,   435.4,   435.4,   0.0);
     (482211.0, 3731999.8,   435.1,   435.1,   0.0);   (482261.0,
3731999.8,   435.5,   435.5,   0.0);
     (482311.0, 3731999.8,   435.6,   435.6,   0.0);   (482361.0,
3731999.8,   435.6,   435.6,   0.0);
     (482411.0, 3731999.8,   435.8,   435.8,   0.0);   (481711.0,
3732049.8,   435.1,   435.1,   0.0);
     (481761.0, 3732049.8,   435.0,   435.0,   0.0);   (481811.0,

3732049.8,   435.1,   435.1,   0.0);
     (481861.0, 3732049.8,   435.1,   435.1,   0.0);   (481911.0,
3732049.8,   435.4,   435.4,   0.0);
     (481961.0, 3732049.8,   435.6,   435.6,   0.0);   (482011.0,
3732049.8,   435.8,   435.8,   0.0);

                                                  *** DISCRETE CARTESIAN RECEPTORS ***
                                                (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                          (METERS)

     (482061.0, 3732049.8,   436.1,   436.1,   0.0);   (482111.0,
3732049.8,   436.0,   436.0,   0.0);
     (482161.0, 3732049.8,   436.0,   436.0,   0.0);   (482211.0,
3732049.8,   435.9,   435.9,   0.0);
     (482261.0, 3732049.8,   435.9,   435.9,   0.0);   (482311.0,
3732049.8,   435.9,   435.9,   0.0);
     (482361.0, 3732049.8,   435.9,   435.9,   0.0);   (482411.0,
3732049.8,   435.9,   435.9,   0.0);
     (481711.0, 3732099.8,   435.2,   435.2,   0.0);   (481761.0,
3732099.8,   435.4,   435.4,   0.0);
     (481811.0, 3732099.8,   435.3,   435.3,   0.0);   (481861.0,
3732099.8,   435.3,   435.3,   0.0);
     (481911.0, 3732099.8,   435.6,   435.6,   0.0);   (481961.0,
3732099.8,   436.0,   436.0,   0.0);
     (482011.0, 3732099.8,   436.3,   436.3,   0.0);   (482061.0,
3732099.8,   436.5,   436.5,   0.0);
     (482111.0, 3732099.8,   436.6,   436.6,   0.0);   (482161.0,
3732099.8,   436.4,   436.4,   0.0);
     (482211.0, 3732099.8,   436.3,   436.3,   0.0);   (482261.0,
3732099.8,   436.0,   436.0,   0.0);
     (482311.0, 3732099.8,   435.8,   435.8,   0.0);   (482361.0,
3732099.8,   435.9,   435.9,   0.0);
     (482411.0, 3732099.8,   436.1,   436.1,   0.0);   (481711.0,
3732149.8,   435.7,   435.7,   0.0);
     (481761.0, 3732149.8,   435.8,   435.8,   0.0);   (481811.0,
3732149.8,   435.7,   435.7,   0.0);
     (481861.0, 3732149.8,   435.5,   435.5,   0.0);   (481911.0,
3732149.8,   435.5,   435.5,   0.0);
     (481961.0, 3732149.8,   435.7,   435.7,   0.0);   (482011.0,
3732149.8,   436.1,   436.1,   0.0);
     (482061.0, 3732149.8,   436.6,   436.6,   0.0);   (482111.0,
3732149.8,   436.9,   436.9,   0.0);
     (482161.0, 3732149.8,   436.7,   436.7,   0.0);   (482211.0,

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3732149.8,     436.5,     436.5,       0.0);
     ( 482261.0, 3732149.8,     436.2,     436.2,       0.0);         ( 482311.0,
3732149.8,     435.9,     435.9,       0.0);
     ( 482361.0, 3732149.8,     436.3,     436.3,       0.0);         ( 482411.0,
3732149.8,     436.4,     436.4,       0.0);
     ( 481711.0, 3732199.8,     436.3,     436.3,       0.0);         ( 481761.0,
3732199.8,     436.4,     436.4,       0.0);
     ( 481811.0, 3732199.8,     436.3,     436.3,       0.0);         ( 481861.0,
3732199.8,     436.0,     436.0,       0.0);
     ( 481911.0, 3732199.8,     436.4,     436.4,       0.0);         ( 481961.0,
3732199.8,     436.6,     436.6,       0.0);
     ( 482011.0, 3732199.8,     436.6,     436.6,       0.0);         ( 482061.0,
3732199.8,     436.7,     436.7,       0.0);
     ( 482111.0, 3732199.8,     436.9,     436.9,       0.0);         ( 482161.0,
3732199.8,     437.3,     437.3,       0.0);
     ( 482211.0, 3732199.8,     437.4,     437.4,       0.0);         ( 482261.0,
3732199.8,     437.3,     437.3,       0.0);
     ( 482311.0, 3732199.8,     437.0,     437.0,       0.0);         ( 482361.0,
3732199.8,     437.1,     437.1,       0.0);
     ( 482411.0, 3732199.8,     437.1,     437.1,       0.0);         ( 481711.0,
3732249.8,     436.2,     436.2,       0.0);
     ( 481761.0, 3732249.8,     436.4,     436.4,       0.0);         ( 481811.0,
3732249.8,     436.8,     436.8,       0.0);
     ( 481861.0, 3732249.8,     436.6,     436.6,       0.0);         ( 481911.0,
3732249.8,     437.2,     437.2,       0.0);
     ( 481961.0, 3732249.8,     437.4,     437.4,       0.0);         ( 482011.0,
3732249.8,     437.3,     437.3,       0.0);
     ( 482061.0, 3732249.8,     437.0,     437.0,       0.0);         ( 482111.0,
3732249.8,     436.9,     436.9,       0.0);
     ( 482161.0, 3732249.8,     437.6,     437.6,       0.0);         ( 482211.0,
3732249.8,     437.9,     437.9,       0.0);
     ( 482261.0, 3732249.8,     437.8,     437.8,       0.0);         ( 482311.0,
3732249.8,     437.4,     437.4,       0.0);
     ( 482361.0, 3732249.8,     437.4,     437.4,       0.0);         ( 482411.0,
3732249.8,     437.3,     437.3,       0.0);
     ( 481711.0, 3732299.8,     435.6,     435.6,       0.0);         ( 481761.0,
3732299.8,     436.0,     436.0,       0.0);
     ( 481811.0, 3732299.8,     436.2,     436.2,       0.0);         ( 481861.0,
3732299.8,     436.1,     436.1,       0.0);
     ( 481911.0, 3732299.8,     436.0,     436.0,       0.0);         ( 481961.0,
3732299.8,     435.9,     435.9,       0.0);
     ( 482011.0, 3732299.8,     436.1,     436.1,       0.0);         ( 482061.0,
3732299.8,     436.6,     436.6,       0.0);
     ( 482111.0, 3732299.8,     436.8,     436.8,       0.0);         ( 482161.0,
3732299.8,     437.5,     437.5,       0.0);
     ( 482211.0, 3732299.8,     437.7,     437.7,       0.0);         ( 482261.0,
3732299.8,     437.7,     437.7,       0.0);
     ( 482311.0, 3732299.8,     437.6,     437.6,       0.0);         ( 482361.0,
3732299.8,     437.6,     437.6,       0.0);
     ( 482411.0, 3732299.8,     437.5,     437.5,       0.0);         ( 481711.0,
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3732349.8,   435.2,   435.2,   0.0);
     (481761.0, 3732349.8,   435.5,   435.5,   0.0);   (481811.0,
3732349.8,   435.5,   435.5,   0.0);
     (481861.0, 3732349.8,   435.6,   435.6,   0.0);   (481911.0,
3732349.8,   435.8,   435.8,   0.0);
     (481961.0, 3732349.8,   435.9,   435.9,   0.0);   (482011.0,
3732349.8,   436.0,   436.0,   0.0);

                                                  *** DISCRETE CARTESIAN RECEPTORS ***
                                                (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                          (METERS)

     (482061.0, 3732349.8,   436.2,   436.2,   0.0);   (482111.0,
3732349.8,   436.5,   436.5,   0.0);
     (482161.0, 3732349.8,   436.9,   436.9,   0.0);   (482211.0,
3732349.8,   437.2,   437.2,   0.0);
     (482261.0, 3732349.8,   437.3,   437.3,   0.0);   (482311.0,
3732349.8,   437.6,   437.6,   0.0);
     (482361.0, 3732349.8,   437.7,   437.7,   0.0);   (482411.0,
3732349.8,   437.6,   437.6,   0.0);
     (481711.0, 3732399.8,   434.8,   434.8,   0.0);   (481761.0,
3732399.8,   435.0,   435.0,   0.0);
     (481811.0, 3732399.8,   435.1,   435.1,   0.0);   (481861.0,
3732399.8,   435.3,   435.3,   0.0);
     (481911.0, 3732399.8,   435.8,   435.8,   0.0);   (481961.0,
3732399.8,   436.0,   436.0,   0.0);
     (482011.0, 3732399.8,   436.0,   436.0,   0.0);   (482061.0,
3732399.8,   435.9,   435.9,   0.0);
     (482111.0, 3732399.8,   436.0,   436.0,   0.0);   (482161.0,
3732399.8,   436.1,   436.1,   0.0);
     (482211.0, 3732399.8,   436.6,   436.6,   0.0);   (482261.0,
3732399.8,   436.9,   436.9,   0.0);
     (482311.0, 3732399.8,   437.1,   437.1,   0.0);   (482361.0,
3732399.8,   437.2,   437.2,   0.0);
     (482411.0, 3732399.8,   437.2,   437.2,   0.0);   (481711.0,
3732449.8,   434.6,   434.6,   0.0);
     (481761.0, 3732449.8,   434.7,   434.7,   0.0);   (481811.0,
3732449.8,   434.8,   434.8,   0.0);
     (481861.0, 3732449.8,   435.2,   435.2,   0.0);   (481911.0,
3732449.8,   435.7,   435.7,   0.0);
     (481961.0, 3732449.8,   435.9,   435.9,   0.0);   (482011.0,
3732449.8,   435.8,   435.8,   0.0);
     (482061.0, 3732449.8,   435.6,   435.6,   0.0);   (482111.0,

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3732449.8,     435.6,     435.6,       0.0);
     ( 482161.0, 3732449.8,     435.9,     435.9,       0.0);         ( 482211.0,
3732449.8,     436.6,     436.6,       0.0);
     ( 482261.0, 3732449.8,     436.9,     436.9,       0.0);         ( 482311.0,
3732449.8,     436.7,     436.7,       0.0);
     ( 482361.0, 3732449.8,     436.7,     436.7,       0.0);         ( 482411.0,
3732449.8,     436.9,     436.9,       0.0);
     ( 481711.0, 3732499.8,     434.5,     434.5,       0.0);         ( 481761.0,
3732499.8,     434.5,     434.5,       0.0);
     ( 481811.0, 3732499.8,     434.6,     434.6,       0.0);         ( 481861.0,
3732499.8,     434.9,     434.9,       0.0);
     ( 481911.0, 3732499.8,     435.4,     435.4,       0.0);         ( 481961.0,
3732499.8,     435.4,     435.4,       0.0);
     ( 482011.0, 3732499.8,     435.2,     435.2,       0.0);         ( 482061.0,
3732499.8,     435.2,     435.2,       0.0);
     ( 482111.0, 3732499.8,     435.5,     435.5,       0.0);         ( 482161.0,
3732499.8,     435.8,     435.8,       0.0);
     ( 482211.0, 3732499.8,     436.2,     436.2,       0.0);         ( 482261.0,
3732499.8,     436.4,     436.4,       0.0);
     ( 482311.0, 3732499.8,     436.4,     436.4,       0.0);         ( 482361.0,
3732499.8,     436.8,     436.8,       0.0);
     ( 482411.0, 3732499.8,     436.9,     436.9,       0.0);         ( 481711.0,
3732549.8,     434.2,     434.2,       0.0);
     ( 481761.0, 3732549.8,     434.2,     434.2,       0.0);         ( 481811.0,
3732549.8,     434.3,     434.3,       0.0);
     ( 481861.0, 3732549.8,     434.6,     434.6,       0.0);         ( 481911.0,
3732549.8,     434.8,     434.8,       0.0);
     ( 481961.0, 3732549.8,     434.8,     434.8,       0.0);         ( 482011.0,
3732549.8,     434.8,     434.8,       0.0);
     ( 482061.0, 3732549.8,     434.8,     434.8,       0.0);         ( 482111.0,
3732549.8,     435.4,     435.4,       0.0);
     ( 482161.0, 3732549.8,     435.7,     435.7,       0.0);         ( 482211.0,
3732549.8,     436.0,     436.0,       0.0);
     ( 482261.0, 3732549.8,     436.2,     436.2,       0.0);         ( 482311.0,
3732549.8,     436.3,     436.3,       0.0);
     ( 482361.0, 3732549.8,     436.6,     436.6,       0.0);         ( 482411.0,
3732549.8,     436.8,     436.8,       0.0);
     ( 481711.0, 3732599.8,     434.0,     434.0,       0.0);         ( 481761.0,
3732599.8,     434.1,     434.1,       0.0);
     ( 481811.0, 3732599.8,     434.2,     434.2,       0.0);         ( 481861.0,
3732599.8,     434.3,     434.3,       0.0);
     ( 481911.0, 3732599.8,     434.4,     434.4,       0.0);         ( 481961.0,
3732599.8,     434.4,     434.4,       0.0);
     ( 482011.0, 3732599.8,     434.5,     434.5,       0.0);         ( 482061.0,
3732599.8,     434.7,     434.7,       0.0);
     ( 482111.0, 3732599.8,     435.4,     435.4,       0.0);         ( 482161.0,
3732599.8,     435.5,     435.5,       0.0);
     ( 482211.0, 3732599.8,     435.8,     435.8,       0.0);         ( 482261.0,
3732599.8,     436.0,     436.0,       0.0);
     ( 482311.0, 3732599.8,     436.1,     436.1,       0.0);         ( 482361.0,
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3732599.8,   436.2,   436.2,   0.0);
     (482411.0, 3732599.8,   436.2,   436.2,   0.0);   (481711.0,
3732649.8,   433.8,   433.8,   0.0);
     (481761.0, 3732649.8,   433.9,   433.9,   0.0);   (481811.0,
3732649.8,   434.0,   434.0,   0.0);
     (481861.0, 3732649.8,   434.1,   434.1,   0.0);   (481911.0,
3732649.8,   434.2,   434.2,   0.0);
     (481961.0, 3732649.8,   434.4,   434.4,   0.0);   (482011.0,
3732649.8,   434.6,   434.6,   0.0);

                                                  *** DISCRETE CARTESIAN RECEPTORS ***
                                                (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                          (METERS)

     (482061.0, 3732649.8,   434.9,   434.9,   0.0);   (482111.0,
3732649.8,   435.5,   435.5,   0.0);
     (482161.0, 3732649.8,   435.4,   435.4,   0.0);   (482211.0,
3732649.8,   435.7,   435.7,   0.0);
     (482261.0, 3732649.8,   435.8,   435.8,   0.0);   (482311.0,
3732649.8,   435.9,   435.9,   0.0);
     (482361.0, 3732649.8,   436.0,   436.0,   0.0);   (482411.0,
3732649.8,   435.9,   435.9,   0.0);
     (481711.0, 3732699.8,   433.8,   433.8,   0.0);   (481761.0,
3732699.8,   433.8,   433.8,   0.0);
     (481811.0, 3732699.8,   433.9,   433.9,   0.0);   (481861.0,
3732699.8,   434.0,   434.0,   0.0);
     (481911.0, 3732699.8,   434.2,   434.2,   0.0);   (481961.0,
3732699.8,   434.5,   434.5,   0.0);
     (482011.0, 3732699.8,   434.8,   434.8,   0.0);   (482061.0,
3732699.8,   435.0,   435.0,   0.0);
     (482111.0, 3732699.8,   435.5,   435.5,   0.0);   (482161.0,
3732699.8,   435.6,   435.6,   0.0);
     (482211.0, 3732699.8,   435.9,   435.9,   0.0);   (482261.0,
3732699.8,   435.8,   435.8,   0.0);
     (482311.0, 3732699.8,   435.9,   435.9,   0.0);   (482361.0,
3732699.8,   435.9,   435.9,   0.0);
     (482411.0, 3732699.8,   435.8,   435.8,   0.0);   (481711.0,
3732749.8,   433.7,   433.7,   0.0);
     (481761.0, 3732749.8,   433.7,   433.7,   0.0);   (481811.0,
3732749.8,   433.8,   433.8,   0.0);
     (481861.0, 3732749.8,   433.9,   433.9,   0.0);   (481911.0,
3732749.8,   434.0,   434.0,   0.0);
     (481961.0, 3732749.8,   434.2,   434.2,   0.0);   (482011.0,

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3732749.8,     434.5,     434.5,       0.0);
     ( 482061.0, 3732749.8,     434.7,     434.7,       0.0);         ( 482111.0,
3732749.8,     435.2,     435.2,       0.0);
     ( 482161.0, 3732749.8,     435.3,     435.3,       0.0);         ( 482211.0,
3732749.8,     435.1,     435.1,       0.0);
     ( 482261.0, 3732749.8,     435.0,     435.0,       0.0);         ( 482311.0,
3732749.8,     435.2,     435.2,       0.0);
     ( 482361.0, 3732749.8,     435.2,     435.2,       0.0);         ( 482411.0,
3732749.8,     435.3,     435.3,       0.0);
     ( 481711.0, 3732799.8,     433.6,     433.6,       0.0);         ( 481761.0,
3732799.8,     433.5,     433.5,       0.0);
     ( 481811.0, 3732799.8,     433.7,     433.7,       0.0);         ( 481861.0,
3732799.8,     433.8,     433.8,       0.0);
     ( 481911.0, 3732799.8,     433.8,     433.8,       0.0);         ( 481961.0,
3732799.8,     434.0,     434.0,       0.0);
     ( 482011.0, 3732799.8,     434.2,     434.2,       0.0);         ( 482061.0,
3732799.8,     434.5,     434.5,       0.0);
     ( 482111.0, 3732799.8,     435.0,     435.0,       0.0);         ( 482161.0,
3732799.8,     435.1,     435.1,       0.0);
     ( 482211.0, 3732799.8,     434.8,     434.8,       0.0);         ( 482261.0,
3732799.8,     434.7,     434.7,       0.0);
     ( 482311.0, 3732799.8,     434.7,     434.7,       0.0);         ( 482361.0,
3732799.8,     434.8,     434.8,       0.0);
     ( 482411.0, 3732799.8,     435.0,     435.0,       0.0);         ( 481711.0,
3732849.8,     433.5,     433.5,       0.0);
     ( 481761.0, 3732849.8,     433.4,     433.4,       0.0);         ( 481811.0,
3732849.8,     433.6,     433.6,       0.0);
     ( 481861.0, 3732849.8,     433.7,     433.7,       0.0);         ( 481911.0,
3732849.8,     433.8,     433.8,       0.0);
     ( 481961.0, 3732849.8,     434.0,     434.0,       0.0);         ( 482011.0,
3732849.8,     434.1,     434.1,       0.0);
     ( 482061.0, 3732849.8,     434.4,     434.4,       0.0);         ( 482111.0,
3732849.8,     434.6,     434.6,       0.0);
     ( 482161.0, 3732849.8,     434.7,     434.7,       0.0);         ( 482211.0,
3732849.8,     434.6,     434.6,       0.0);
     ( 482261.0, 3732849.8,     434.5,     434.5,       0.0);         ( 482311.0,
3732849.8,     434.6,     434.6,       0.0);
     ( 482361.0, 3732849.8,     434.8,     434.8,       0.0);         ( 482411.0,
3732849.8,     434.9,     434.9,       0.0);
     ( 479316.4, 3733388.0,     440.0,     440.0,       0.0);         ( 479346.4,
3733388.0,     439.8,     439.8,       0.0);
     ( 479376.4, 3733388.0,     439.8,     439.8,       0.0);         ( 479406.4,
3733388.0,     440.1,     440.1,       0.0);
     ( 479436.4, 3733388.0,     440.3,     440.3,       0.0);         ( 479466.4,
3733388.0,     440.5,     440.5,       0.0);
     ( 479316.4, 3733418.0,     439.5,     439.5,       0.0);         ( 479346.4,
3733418.0,     439.4,     439.4,       0.0);
     ( 479376.4, 3733418.0,     439.4,     439.4,       0.0);         ( 479406.4,
3733418.0,     439.7,     439.7,       0.0);
     ( 479436.4, 3733418.0,     439.9,     439.9,       0.0);         ( 479466.4,
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3733418.0,   440.0,   440.0,   0.0);
     (479316.4, 3733448.0,   439.0,   439.0,   0.0);   (479346.4,
3733448.0,   439.0,   439.0,   0.0);
     (479376.4, 3733448.0,   439.0,   439.0,   0.0);   (479406.4,
3733448.0,   439.3,   439.3,   0.0);
     (479436.4, 3733448.0,   439.5,   439.5,   0.0);   (479466.4,
3733448.0,   439.5,   439.5,   0.0);
     (479316.4, 3733478.0,   438.4,   438.4,   0.0);   (479346.4,
3733478.0,   438.3,   438.3,   0.0);
     (479376.4, 3733478.0,   438.4,   438.4,   0.0);   (479406.4,
3733478.0,   438.7,   438.7,   0.0);

                                                  *** DISCRETE CARTESIAN RECEPTORS ***
                                                (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                          (METERS)

     (479436.4, 3733478.0,   438.9,   438.9,   0.0);   (479466.4,
3733478.0,   438.9,   438.9,   0.0);
     (479490.3, 3733193.5,   444.6,   683.6,   0.0);   (479520.3,
3733193.5,   444.6,   683.6,   0.0);
     (479550.3, 3733193.5,   444.7,   683.6,   0.0);   (479580.3,
3733193.5,   444.9,   444.9,   0.0);
     (479610.3, 3733193.5,   444.9,   444.9,   0.0);   (479640.3,
3733193.5,   444.7,   444.7,   0.0);
     (479670.3, 3733193.5,   444.5,   444.5,   0.0);   (479490.3,
3733223.5,   444.0,   683.6,   0.0);
     (479520.3, 3733223.5,   444.0,   444.0,   0.0);   (479550.3,
3733223.5,   444.1,   444.1,   0.0);
     (479580.3, 3733223.5,   444.3,   444.3,   0.0);   (479610.3,
3733223.5,   444.4,   444.4,   0.0);
     (479640.3, 3733223.5,   444.1,   444.1,   0.0);   (479670.3,
3733223.5,   443.9,   443.9,   0.0);
     (479490.3, 3733253.5,   443.2,   443.2,   0.0);   (479520.3,
3733253.5,   443.4,   443.4,   0.0);
     (479550.3, 3733253.5,   443.5,   443.5,   0.0);   (479580.3,
3733253.5,   443.8,   443.8,   0.0);
     (479610.3, 3733253.5,   443.9,   443.9,   0.0);   (479640.3,
3733253.5,   443.6,   443.6,   0.0);
     (479670.3, 3733253.5,   443.3,   443.3,   0.0);   (479490.3,
3733283.5,   442.6,   442.6,   0.0);
     (479520.3, 3733283.5,   442.8,   442.8,   0.0);   (479550.3,
3733283.5,   443.0,   443.0,   0.0);
     (479580.3, 3733283.5,   443.1,   443.1,   0.0);   (479610.3,

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3733283.5,     443.2,     443.2,       0.0);
     ( 479640.3, 3733283.5,     443.1,     443.1,       0.0);         ( 479670.3,
3733283.5,     442.8,     442.8,       0.0);
     ( 479490.3, 3733313.5,     442.0,     442.0,       0.0);         ( 479520.3,
3733313.5,     442.2,     442.2,       0.0);
     ( 479550.3, 3733313.5,     442.4,     442.4,       0.0);         ( 479580.3,
3733313.5,     442.4,     442.4,       0.0);
     ( 479610.3, 3733313.5,     442.5,     442.5,       0.0);         ( 479640.3,
3733313.5,     442.6,     442.6,       0.0);
     ( 479670.3, 3733313.5,     442.4,     442.4,       0.0);         ( 479490.3,
3733343.5,     441.4,     441.4,       0.0);
     ( 479520.3, 3733343.5,     441.6,     441.6,       0.0);         ( 479550.3,
3733343.5,     441.7,     441.7,       0.0);
     ( 479580.3, 3733343.5,     441.8,     441.8,       0.0);         ( 479610.3,
3733343.5,     441.8,     441.8,       0.0);
     ( 479640.3, 3733343.5,     442.0,     442.0,       0.0);         ( 479670.3,
3733343.5,     441.9,     441.9,       0.0);
     ( 479490.3, 3733373.5,     440.8,     440.8,       0.0);         ( 479520.3,
3733373.5,     440.9,     440.9,       0.0);
     ( 479550.3, 3733373.5,     441.0,     441.0,       0.0);         ( 479580.3,
3733373.5,     441.2,     441.2,       0.0);
     ( 479610.3, 3733373.5,     441.2,     441.2,       0.0);         ( 479640.3,
3733373.5,     441.3,     441.3,       0.0);
     ( 479670.3, 3733373.5,     441.3,     441.3,       0.0);         ( 479575.3,
3733098.6,     446.5,     683.6,       0.0);
     ( 479605.3, 3733098.6,     446.7,     683.6,       0.0);         ( 479635.3,
3733098.6,     446.7,     683.6,       0.0);
     ( 479665.3, 3733098.6,     446.4,     683.6,       0.0);         ( 479575.3,
3733128.6,     446.0,     683.6,       0.0);
     ( 479605.3, 3733128.6,     446.2,     683.6,       0.0);         ( 479635.3,
3733128.6,     446.1,     683.6,       0.0);
     ( 479665.3, 3733128.6,     445.9,     683.6,       0.0);         ( 479575.3,
3733158.6,     445.4,     683.6,       0.0);
     ( 479605.3, 3733158.6,     445.5,     683.6,       0.0);         ( 479635.3,
3733158.6,     445.4,     683.6,       0.0);
     ( 479665.3, 3733158.6,     445.4,     445.4,       0.0);         ( 479575.3,
3733188.6,     444.9,     683.6,       0.0);
     ( 479605.3, 3733188.6,     445.0,     445.0,       0.0);         ( 479635.3,
3733188.6,     444.9,     444.9,       0.0);
     ( 479665.3, 3733188.6,     444.7,     444.7,       0.0);         ( 479378.0,
3732025.3,     477.5,     683.6,       0.0);
     ( 479428.0, 3732025.3,     476.0,     683.6,       0.0);         ( 479478.0,
3732025.3,     473.7,     683.6,       0.0);
     ( 479528.0, 3732025.3,     471.6,     683.6,       0.0);         ( 479578.0,
3732025.3,     470.8,     683.6,       0.0);
     ( 479628.0, 3732025.3,     471.2,     683.6,       0.0);         ( 479678.0,
3732025.3,     471.0,     683.6,       0.0);
     ( 479378.0, 3732075.3,     477.0,     683.6,       0.0);         ( 479428.0,
3732075.3,     475.1,     683.6,       0.0);
     ( 479478.0, 3732075.3,     473.7,     683.6,       0.0);         ( 479528.0,
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3732075.3,   470.6,   683.6,   0.0);
     (479578.0, 3732075.3,   469.3,   683.6,   0.0);   (479628.0,
3732075.3,   468.6,   683.6,   0.0);
     (479678.0, 3732075.3,   467.5,   683.6,   0.0);   (479378.0,
3732125.3,   475.2,   683.6,   0.0);
     (479428.0, 3732125.3,   473.2,   683.6,   0.0);   (479478.0,
3732125.3,   472.7,   683.6,   0.0);
     (479528.0, 3732125.3,   469.7,   683.6,   0.0);   (479578.0,
3732125.3,   469.0,   683.6,   0.0);
     (479628.0, 3732125.3,   468.5,   683.6,   0.0);   (479678.0,
3732125.3,   466.5,   683.6,   0.0);
     (479378.0, 3732175.3,   474.4,   683.6,   0.0);   (479428.0,
3732175.3,   472.7,   683.6,   0.0);

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                                  *** DISCRETE CARTESIAN RECEPTORS ***
                                                (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                          (METERS)

     (479478.0, 3732175.3,   471.2,   683.6,   0.0);   (479528.0,
3732175.3,   469.8,   683.6,   0.0);
     (479578.0, 3732175.3,   469.4,   683.6,   0.0);   (479628.0,
3732175.3,   468.6,   683.6,   0.0);
     (479678.0, 3732175.3,   467.3,   683.6,   0.0);   (479378.0,
3732225.3,   472.9,   683.6,   0.0);
     (479428.0, 3732225.3,   470.6,   683.6,   0.0);   (479478.0,
3732225.3,   470.0,   683.6,   0.0);
     (479528.0, 3732225.3,   470.0,   683.6,   0.0);   (479578.0,
3732225.3,   469.3,   683.6,   0.0);
     (479628.0, 3732225.3,   468.4,   683.6,   0.0);   (479678.0,
3732225.3,   468.2,   683.6,   0.0);
     (479378.0, 3732275.3,   470.4,   683.6,   0.0);   (479428.0,
3732275.3,   469.0,   683.6,   0.0);
     (479478.0, 3732275.3,   469.1,   683.6,   0.0);   (479528.0,
3732275.3,   469.4,   683.6,   0.0);
     (479578.0, 3732275.3,   469.1,   683.6,   0.0);   (479628.0,
3732275.3,   468.8,   683.6,   0.0);
     (479678.0, 3732275.3,   467.1,   683.6,   0.0);   (479378.0,
3732325.3,   468.9,   683.6,   0.0);
     (479428.0, 3732325.3,   467.2,   683.6,   0.0);   (479478.0,
3732325.3,   467.6,   683.6,   0.0);
     (479528.0, 3732325.3,   467.9,   683.6,   0.0);   (479578.0,
3732325.3,   468.6,   683.6,   0.0);
     (479628.0, 3732325.3,   468.3,   683.6,   0.0);   (479678.0,

```
3732325.3,     466.1,     683.6,       0.0);
     ( 479378.0, 3732375.3,     471.4,     683.6,       0.0);         ( 479428.0,
3732375.3,     467.0,     683.6,       0.0);
     ( 479478.0, 3732375.3,     466.8,     683.6,       0.0);         ( 479528.0,
3732375.3,     466.7,     683.6,       0.0);
     ( 479578.0, 3732375.3,     466.6,     683.6,       0.0);         ( 479628.0,
3732375.3,     466.4,     683.6,       0.0);
     ( 479678.0, 3732375.3,     466.8,     683.6,       0.0);         ( 479378.0,
3732425.3,     470.9,     683.6,       0.0);
     ( 479428.0, 3732425.3,     466.6,     683.6,       0.0);         ( 479478.0,
3732425.3,     466.7,     683.6,       0.0);
     ( 479528.0, 3732425.3,     466.2,     683.6,       0.0);         ( 479578.0,
3732425.3,     465.6,     683.6,       0.0);
     ( 479628.0, 3732425.3,     466.3,     683.6,       0.0);         ( 479678.0,
3732425.3,     466.1,     683.6,       0.0);
     ( 479378.0, 3732475.3,     469.5,     683.6,       0.0);         ( 479428.0,
3732475.3,     464.8,     683.6,       0.0);
     ( 479478.0, 3732475.3,     465.2,     683.6,       0.0);         ( 479528.0,
3732475.3,     465.1,     683.6,       0.0);
     ( 479578.0, 3732475.3,     465.5,     683.6,       0.0);         ( 479628.0,
3732475.3,     465.8,     683.6,       0.0);
     ( 479678.0, 3732475.3,     464.6,     683.6,       0.0);         ( 479378.0,
3732525.3,     468.4,     683.6,       0.0);
     ( 479428.0, 3732525.3,     463.8,     683.6,       0.0);         ( 479478.0,
3732525.3,     464.8,     683.6,       0.0);
     ( 479528.0, 3732525.3,     464.0,     683.6,       0.0);         ( 479578.0,
3732525.3,     464.9,     683.6,       0.0);
     ( 479628.0, 3732525.3,     465.1,     683.6,       0.0);         ( 479678.0,
3732525.3,     461.0,     683.6,       0.0);
     ( 479378.0, 3732575.3,     467.5,     683.6,       0.0);         ( 479428.0,
3732575.3,     463.2,     683.6,       0.0);
     ( 479478.0, 3732575.3,     462.3,     683.6,       0.0);         ( 479528.0,
3732575.3,     462.6,     683.6,       0.0);
     ( 479578.0, 3732575.3,     464.0,     683.6,       0.0);         ( 479628.0,
3732575.3,     462.2,     683.6,       0.0);
     ( 479678.0, 3732575.3,     460.1,     683.6,       0.0);         ( 479378.0,
3732625.3,     464.7,     683.6,       0.0);
     ( 479428.0, 3732625.3,     461.5,     683.6,       0.0);         ( 479478.0,
3732625.3,     460.1,     683.6,       0.0);
     ( 479528.0, 3732625.3,     460.2,     683.6,       0.0);         ( 479578.0,
3732625.3,     461.5,     683.6,       0.0);
     ( 479628.0, 3732625.3,     460.4,     683.6,       0.0);         ( 479678.0,
3732625.3,     459.0,     683.6,       0.0);
     ( 479378.0, 3732675.3,     461.4,     683.6,       0.0);         ( 479428.0,
3732675.3,     458.9,     683.6,       0.0);
     ( 479478.0, 3732675.3,     457.3,     683.6,       0.0);         ( 479528.0,
3732675.3,     458.9,     683.6,       0.0);
     ( 479578.0, 3732675.3,     459.8,     683.6,       0.0);         ( 479628.0,
3732675.3,     459.0,     683.6,       0.0);
     ( 479678.0, 3732675.3,     455.9,     683.6,       0.0);         ( 479378.0,
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3732725.3,   458.4,   683.6,   0.0);
     (479428.0, 3732725.3,   456.9,   683.6,   0.0);   (479478.0,
3732725.3,   455.6,   683.6,   0.0);
     (479528.0, 3732725.3,   456.1,   683.6,   0.0);   (479578.0,
3732725.3,   458.0,   683.6,   0.0);
     (479628.0, 3732725.3,   457.3,   683.6,   0.0);   (479678.0,
3732725.3,   453.8,   683.6,   0.0);
     (479378.0, 3732775.3,   455.7,   683.6,   0.0);   (479428.0,
3732775.3,   455.1,   683.6,   0.0);
     (479478.0, 3732775.3,   454.8,   683.6,   0.0);   (479528.0,
3732775.3,   454.0,   683.6,   0.0);
     (479578.0, 3732775.3,   455.5,   683.6,   0.0);   (479628.0,
3732775.3,   455.2,   683.6,   0.0);
     (479678.0, 3732775.3,   453.1,   683.6,   0.0);   (479378.0,
3732825.3,   453.8,   683.6,   0.0);

                                                  *** DISCRETE CARTESIAN RECEPTORS ***
                                                (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                          (METERS)

     (479428.0, 3732825.3,   454.5,   683.6,   0.0);   (479478.0,
3732825.3,   452.8,   683.6,   0.0);
     (479528.0, 3732825.3,   452.2,   683.6,   0.0);   (479578.0,
3732825.3,   453.3,   683.6,   0.0);
     (479628.0, 3732825.3,   453.6,   683.6,   0.0);   (479678.0,
3732825.3,   452.6,   683.6,   0.0);
     (479378.0, 3732875.3,   451.6,   683.6,   0.0);   (479428.0,
3732875.3,   452.0,   683.6,   0.0);
     (479478.0, 3732875.3,   451.5,   683.6,   0.0);   (479528.0,
3732875.3,   451.2,   683.6,   0.0);
     (479578.0, 3732875.3,   451.4,   683.6,   0.0);   (479628.0,
3732875.3,   450.8,   683.6,   0.0);
     (479678.0, 3732875.3,   449.7,   683.6,   0.0);   (479704.3,
3733711.8,   435.6,   435.6,   0.0);
     (479754.3, 3733711.8,   435.4,   435.4,   0.0);   (479804.3,
3733711.8,   435.3,   435.3,   0.0);
     (479854.3, 3733711.8,   435.2,   435.2,   0.0);   (479904.3,
3733711.8,   435.0,   435.0,   0.0);
     (479954.3, 3733711.8,   434.6,   434.6,   0.0);   (480004.3,
3733711.8,   434.2,   434.2,   0.0);
     (480054.3, 3733711.8,   434.0,   434.0,   0.0);   (480104.3,
3733711.8,   434.0,   434.0,   0.0);
     (480154.3, 3733711.8,   433.9,   433.9,   0.0);   (480204.3,

```
3733711.8,     433.9,     433.9,       0.0);
     ( 480254.3, 3733711.8,     433.7,     433.7,       0.0);         ( 480304.3,
3733711.8,     432.6,     432.6,       0.0);
     ( 480354.3, 3733711.8,     431.4,     431.4,       0.0);         ( 480404.3,
3733711.8,     430.9,     430.9,       0.0);
     ( 480454.3, 3733711.8,     430.9,     430.9,       0.0);         ( 480504.3,
3733711.8,     431.0,     431.0,       0.0);
     ( 480554.3, 3733711.8,     431.0,     431.0,       0.0);         ( 480604.3,
3733711.8,     431.0,     431.0,       0.0);
     ( 480654.3, 3733711.8,     431.0,     431.0,       0.0);         ( 480704.3,
3733711.8,     430.9,     430.9,       0.0);
     ( 480754.3, 3733711.8,     430.9,     430.9,       0.0);         ( 480804.3,
3733711.8,     430.9,     430.9,       0.0);
     ( 480854.3, 3733711.8,     431.1,     431.1,       0.0);         ( 479704.3,
3733761.8,     435.1,     435.1,       0.0);
     ( 479754.3, 3733761.8,     434.8,     434.8,       0.0);         ( 479804.3,
3733761.8,     434.8,     434.8,       0.0);
     ( 479854.3, 3733761.8,     435.0,     435.0,       0.0);         ( 479904.3,
3733761.8,     434.9,     434.9,       0.0);
     ( 479954.3, 3733761.8,     434.8,     434.8,       0.0);         ( 480004.3,
3733761.8,     434.2,     434.2,       0.0);
     ( 480054.3, 3733761.8,     434.1,     434.1,       0.0);         ( 480104.3,
3733761.8,     434.4,     434.4,       0.0);
     ( 480154.3, 3733761.8,     434.3,     434.3,       0.0);         ( 480204.3,
3733761.8,     434.0,     434.0,       0.0);
     ( 480254.3, 3733761.8,     433.1,     433.1,       0.0);         ( 480304.3,
3733761.8,     429.5,     429.5,       0.0);
     ( 480354.3, 3733761.8,     431.6,     431.6,       0.0);         ( 480404.3,
3733761.8,     432.1,     432.1,       0.0);
     ( 480454.3, 3733761.8,     432.1,     432.1,       0.0);         ( 480504.3,
3733761.8,     432.0,     432.0,       0.0);
     ( 480554.3, 3733761.8,     431.9,     431.9,       0.0);         ( 480604.3,
3733761.8,     431.8,     431.8,       0.0);
     ( 480654.3, 3733761.8,     432.0,     432.0,       0.0);         ( 480704.3,
3733761.8,     432.1,     432.1,       0.0);
     ( 480754.3, 3733761.8,     432.1,     432.1,       0.0);         ( 480804.3,
3733761.8,     432.0,     432.0,       0.0);
     ( 480854.3, 3733761.8,     431.9,     431.9,       0.0);         ( 479704.3,
3733811.8,     434.9,     434.9,       0.0);
     ( 479754.3, 3733811.8,     434.9,     434.9,       0.0);         ( 479804.3,
3733811.8,     434.9,     434.9,       0.0);
     ( 479854.3, 3733811.8,     435.2,     435.2,       0.0);         ( 479904.3,
3733811.8,     435.2,     435.2,       0.0);
     ( 479954.3, 3733811.8,     434.8,     434.8,       0.0);         ( 480004.3,
3733811.8,     434.1,     434.1,       0.0);
     ( 480054.3, 3733811.8,     434.6,     434.6,       0.0);         ( 480104.3,
3733811.8,     434.9,     434.9,       0.0);
     ( 480154.3, 3733811.8,     434.5,     434.5,       0.0);         ( 480204.3,
3733811.8,     433.9,     433.9,       0.0);
     ( 480304.3, 3733811.8,     431.6,     431.6,       0.0);         ( 480354.3,
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3733811.8,     433.1,     433.1,       0.0);
     ( 480404.3, 3733811.8,     432.9,     432.9,       0.0);         ( 480454.3,
3733811.8,     432.8,     432.8,       0.0);
     ( 480504.3, 3733811.8,     432.8,     432.8,       0.0);         ( 480554.3,
3733811.8,     432.7,     432.7,       0.0);
     ( 480604.3, 3733811.8,     432.4,     432.4,       0.0);         ( 480654.3,
3733811.8,     433.2,     433.2,       0.0);
     ( 480704.3, 3733811.8,     433.2,     433.2,       0.0);         ( 480754.3,
3733811.8,     432.9,     432.9,       0.0);
     ( 480804.3, 3733811.8,     432.8,     432.8,       0.0);         ( 480854.3,
3733811.8,     432.6,     432.6,       0.0);
     ( 479704.3, 3733861.8,     434.9,     434.9,       0.0);         ( 479754.3,
3733861.8,     435.1,     435.1,       0.0);
     ( 479804.3, 3733861.8,     435.2,     435.2,       0.0);         ( 479854.3,
3733861.8,     435.5,     435.5,       0.0);
     ( 479904.3, 3733861.8,     435.4,     435.4,       0.0);         ( 479954.3,
3733861.8,     435.0,     435.0,       0.0);
🡅 *** AERMOD - VERSION 22112  ***   *** Compass Operations
                         ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:12:53

                                  PAGE  43
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                              *** DISCRETE CARTESIAN RECEPTORS ***
                                            (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                          (METERS)

     ( 480004.3, 3733861.8,     434.2,     434.2,       0.0);         ( 480054.3,
3733861.8,     434.6,     434.6,       0.0);
     ( 480104.3, 3733861.8,     434.4,     434.4,       0.0);         ( 480154.3,
3733861.8,     434.1,     434.1,       0.0);
     ( 480204.3, 3733861.8,     433.7,     433.7,       0.0);         ( 480304.3,
3733861.8,     432.2,     432.2,       0.0);
     ( 480354.3, 3733861.8,     433.2,     433.2,       0.0);         ( 480404.3,
3733861.8,     433.1,     433.1,       0.0);
     ( 480454.3, 3733861.8,     433.0,     433.0,       0.0);         ( 480504.3,
3733861.8,     432.8,     432.8,       0.0);
     ( 480554.3, 3733861.8,     432.8,     432.8,       0.0);         ( 480604.3,
3733861.8,     432.3,     432.3,       0.0);
     ( 480654.3, 3733861.8,     433.2,     433.2,       0.0);         ( 480704.3,
3733861.8,     433.2,     433.2,       0.0);
     ( 480754.3, 3733861.8,     432.9,     432.9,       0.0);         ( 480804.3,
3733861.8,     432.9,     432.9,       0.0);
     ( 480854.3, 3733861.8,     432.6,     432.6,       0.0);         ( 479704.3,
3733911.8,     435.2,     435.2,       0.0);
     ( 479754.3, 3733911.8,     435.3,     435.3,       0.0);         ( 479804.3,
3733911.8,     435.3,     435.3,       0.0);
     ( 479854.3, 3733911.8,     435.7,     435.7,       0.0);         ( 479904.3,
```

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3733911.8,     435.5,     435.5,       0.0);
     ( 479954.3, 3733911.8,     434.8,     434.8,       0.0);         ( 480004.3,
3733911.8,     434.6,     434.6,       0.0);
     ( 480054.3, 3733911.8,     434.2,     434.2,       0.0);         ( 480104.3,
3733911.8,     433.8,     433.8,       0.0);
     ( 480154.3, 3733911.8,     433.3,     433.3,       0.0);         ( 480204.3,
3733911.8,     432.2,     432.2,       0.0);
     ( 480304.3, 3733911.8,     432.7,     432.7,       0.0);         ( 480354.3,
3733911.8,     433.2,     433.2,       0.0);
     ( 480404.3, 3733911.8,     433.2,     433.2,       0.0);         ( 480454.3,
3733911.8,     433.1,     433.1,       0.0);
     ( 480504.3, 3733911.8,     432.9,     432.9,       0.0);         ( 480554.3,
3733911.8,     432.7,     432.7,       0.0);
     ( 480604.3, 3733911.8,     432.2,     432.2,       0.0);         ( 480654.3,
3733911.8,     433.0,     433.0,       0.0);
     ( 480704.3, 3733911.8,     433.0,     433.0,       0.0);         ( 480754.3,
3733911.8,     432.7,     432.7,       0.0);
     ( 480804.3, 3733911.8,     432.7,     432.7,       0.0);         ( 480854.3,
3733911.8,     432.0,     432.0,       0.0);
     ( 479704.3, 3733961.8,     434.8,     434.8,       0.0);         ( 479754.3,
3733961.8,     434.9,     434.9,       0.0);
     ( 479804.3, 3733961.8,     434.9,     434.9,       0.0);         ( 479854.3,
3733961.8,     435.2,     435.2,       0.0);
     ( 479904.3, 3733961.8,     435.3,     435.3,       0.0);         ( 479954.3,
3733961.8,     434.9,     434.9,       0.0);
     ( 480404.3, 3733961.8,     432.7,     432.7,       0.0);         ( 480454.3,
3733961.8,     432.8,     432.8,       0.0);
     ( 480504.3, 3733961.8,     432.6,     432.6,       0.0);         ( 480554.3,
3733961.8,     432.3,     432.3,       0.0);
     ( 480604.3, 3733961.8,     432.1,     432.1,       0.0);         ( 480654.3,
3733961.8,     433.0,     433.0,       0.0);
     ( 480704.3, 3733961.8,     432.8,     432.8,       0.0);         ( 480754.3,
3733961.8,     432.4,     432.4,       0.0);
     ( 480804.3, 3733961.8,     432.4,     432.4,       0.0);         ( 480854.3,
3733961.8,     431.8,     431.8,       0.0);
     ( 479854.3, 3734011.8,     434.4,     434.4,       0.0);         ( 479904.3,
3734011.8,     435.3,     435.3,       0.0);
     ( 479954.3, 3734011.8,     434.0,     434.0,       0.0);         ( 480454.3,
3734011.8,     432.7,     432.7,       0.0);
     ( 480504.3, 3734011.8,     432.6,     432.6,       0.0);         ( 480554.3,
3734011.8,     432.5,     432.5,       0.0);
     ( 480604.3, 3734011.8,     431.9,     431.9,       0.0);         ( 480654.3,
3734011.8,     432.5,     432.5,       0.0);
     ( 480704.3, 3734011.8,     432.3,     432.3,       0.0);         ( 480754.3,
3734011.8,     432.4,     432.4,       0.0);
     ( 480804.3, 3734011.8,     432.7,     432.7,       0.0);         ( 480854.3,
3734011.8,     431.6,     431.6,       0.0);
     ( 480604.3, 3734061.8,     432.4,     432.4,       0.0);         ( 480654.3,
3734061.8,     432.5,     432.5,       0.0);
     ( 480704.3, 3734061.8,     432.6,     432.6,       0.0);         ( 480754.3,
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3734061.8,   432.6,   432.6,   0.0);
     (480804.3, 3734061.8,   432.4,   432.4,   0.0);   (480854.3,
3734061.8,   431.6,   431.6,   0.0);
     (479709.8, 3732002.0,   469.7,   683.6,   0.0);   (479759.8,
3732002.0,   466.7,   683.6,   0.0);
     (479809.8, 3732002.0,   464.0,   683.6,   0.0);   (479859.8,
3732002.0,   461.9,   683.6,   0.0);
     (479909.8, 3732002.0,   459.8,   683.6,   0.0);   (479959.8,
3732002.0,   457.7,   683.6,   0.0);
     (480009.8, 3732002.0,   456.5,   683.6,   0.0);   (480059.8,
3732002.0,   455.4,   683.6,   0.0);
     (480109.8, 3732002.0,   453.0,   683.6,   0.0);   (480159.8,
3732002.0,   452.7,   683.6,   0.0);
     (480209.8, 3732002.0,   452.2,   683.6,   0.0);   (480259.8,
3732002.0,   451.3,   683.6,   0.0);
     (480309.8, 3732002.0,   451.2,   683.6,   0.0);   (480359.8,
3732002.0,   451.5,   683.6,   0.0);
     (480409.8, 3732002.0,   451.8,   683.6,   0.0);   (480459.8,
3732002.0,   448.1,   683.6,   0.0);

                                                  *** DISCRETE CARTESIAN RECEPTORS ***
                                                (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                             (METERS)

     (480509.8, 3732002.0,   446.8,   683.6,   0.0);   (480559.8,
3732002.0,   446.3,   683.6,   0.0);
     (480609.8, 3732002.0,   445.7,   683.6,   0.0);   (480659.8,
3732002.0,   444.9,   683.6,   0.0);
     (480709.8, 3732002.0,   444.1,   683.6,   0.0);   (480759.8,
3732002.0,   443.3,   683.6,   0.0);
     (480809.8, 3732002.0,   442.4,   683.6,   0.0);   (480859.8,
3732002.0,   442.3,   683.6,   0.0);
     (480909.8, 3732002.0,   440.2,   683.6,   0.0);   (480959.8,
3732002.0,   438.5,   683.6,   0.0);
     (481009.8, 3732002.0,   438.2,   683.6,   0.0);   (481059.8,
3732002.0,   437.7,   437.7,   0.0);
     (481109.8, 3732002.0,   437.3,   437.3,   0.0);   (481159.8,
3732002.0,   437.2,   437.2,   0.0);
     (481209.8, 3732002.0,   437.0,   437.0,   0.0);   (481259.8,
3732002.0,   436.8,   436.8,   0.0);
     (481309.8, 3732002.0,   436.3,   436.3,   0.0);   (481359.8,
3732002.0,   436.1,   436.1,   0.0);
     (481409.8, 3732002.0,   435.9,   435.9,   0.0);   (481459.8,

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3732002.0,     435.8,     435.8,       0.0);
     ( 481509.8, 3732002.0,     435.7,     435.7,       0.0);         ( 481559.8,
3732002.0,     435.5,     435.5,       0.0);
     ( 481609.8, 3732002.0,     435.3,     435.3,       0.0);         ( 481659.8,
3732002.0,     435.0,     435.0,       0.0);
     ( 479709.8, 3732052.0,     467.2,     683.6,       0.0);         ( 479759.8,
3732052.0,     465.1,     683.6,       0.0);
     ( 479809.8, 3732052.0,     463.0,     683.6,       0.0);         ( 479859.8,
3732052.0,     460.4,     683.6,       0.0);
     ( 479909.8, 3732052.0,     458.6,     683.6,       0.0);         ( 479959.8,
3732052.0,     457.3,     683.6,       0.0);
     ( 480009.8, 3732052.0,     456.2,     683.6,       0.0);         ( 480059.8,
3732052.0,     455.0,     683.6,       0.0);
     ( 480109.8, 3732052.0,     453.7,     683.6,       0.0);         ( 480159.8,
3732052.0,     452.9,     683.6,       0.0);
     ( 480209.8, 3732052.0,     452.2,     683.6,       0.0);         ( 480259.8,
3732052.0,     451.3,     683.6,       0.0);
     ( 480309.8, 3732052.0,     450.8,     683.6,       0.0);         ( 480359.8,
3732052.0,     450.4,     683.6,       0.0);
     ( 480409.8, 3732052.0,     449.8,     683.6,       0.0);         ( 480459.8,
3732052.0,     447.6,     683.6,       0.0);
     ( 480509.8, 3732052.0,     446.6,     683.6,       0.0);         ( 480559.8,
3732052.0,     446.0,     683.6,       0.0);
     ( 480609.8, 3732052.0,     445.4,     683.6,       0.0);         ( 480659.8,
3732052.0,     444.8,     683.6,       0.0);
     ( 480709.8, 3732052.0,     444.2,     683.6,       0.0);         ( 480759.8,
3732052.0,     443.6,     683.6,       0.0);
     ( 480809.8, 3732052.0,     443.0,     683.6,       0.0);         ( 480859.8,
3732052.0,     442.6,     683.6,       0.0);
     ( 480909.8, 3732052.0,     440.3,     683.6,       0.0);         ( 480959.8,
3732052.0,     438.4,     683.6,       0.0);
     ( 481009.8, 3732052.0,     438.1,     438.1,       0.0);         ( 481059.8,
3732052.0,     437.7,     437.7,       0.0);
     ( 481109.8, 3732052.0,     437.3,     437.3,       0.0);         ( 481159.8,
3732052.0,     437.1,     437.1,       0.0);
     ( 481209.8, 3732052.0,     436.9,     436.9,       0.0);         ( 481259.8,
3732052.0,     436.7,     436.7,       0.0);
     ( 481309.8, 3732052.0,     436.5,     436.5,       0.0);         ( 481359.8,
3732052.0,     436.2,     436.2,       0.0);
     ( 481409.8, 3732052.0,     435.9,     435.9,       0.0);         ( 481459.8,
3732052.0,     435.7,     435.7,       0.0);
     ( 481509.8, 3732052.0,     435.6,     435.6,       0.0);         ( 481559.8,
3732052.0,     435.4,     435.4,       0.0);
     ( 481609.8, 3732052.0,     435.3,     435.3,       0.0);         ( 481659.8,
3732052.0,     435.1,     435.1,       0.0);
     ( 479709.8, 3732102.0,     464.6,     683.6,       0.0);         ( 479759.8,
3732102.0,     463.3,     683.6,       0.0);
     ( 479809.8, 3732102.0,     461.7,     683.6,       0.0);         ( 479859.8,
3732102.0,     460.0,     683.6,       0.0);
     ( 479909.8, 3732102.0,     458.9,     683.6,       0.0);         ( 479959.8,
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3732102.0,   457.8,   683.6,   0.0);
     (480009.8, 3732102.0,   456.6,   683.6,   0.0);   (480059.8,
3732102.0,   455.3,   683.6,   0.0);
     (480109.8, 3732102.0,   454.2,   683.6,   0.0);   (480159.8,
3732102.0,   452.9,   683.6,   0.0);
     (480209.8, 3732102.0,   451.8,   683.6,   0.0);   (480259.8,
3732102.0,   450.5,   683.6,   0.0);
     (480309.8, 3732102.0,   449.9,   683.6,   0.0);   (480359.8,
3732102.0,   449.0,   683.6,   0.0);
     (480409.8, 3732102.0,   448.0,   683.6,   0.0);   (480459.8,
3732102.0,   447.2,   683.6,   0.0);
     (480509.8, 3732102.0,   446.5,   683.6,   0.0);   (480559.8,
3732102.0,   445.8,   683.6,   0.0);
     (480609.8, 3732102.0,   445.0,   683.6,   0.0);   (480659.8,
3732102.0,   444.2,   683.6,   0.0);
     (480709.8, 3732102.0,   443.5,   683.6,   0.0);   (480759.8,
3732102.0,   442.8,   683.6,   0.0);
     (480809.8, 3732102.0,   442.0,   683.6,   0.0);   (480859.8,
3732102.0,   441.3,   683.6,   0.0);
     (480909.8, 3732102.0,   440.8,   683.6,   0.0);   (480959.8,
3732102.0,   439.8,   439.8,   0.0);

                                                 *** DISCRETE CARTESIAN RECEPTORS ***
                                               (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                          (METERS)

     (481009.8, 3732102.0,   439.0,   439.0,   0.0);   (481059.8,
3732102.0,   438.4,   438.4,   0.0);
     (481109.8, 3732102.0,   437.7,   437.7,   0.0);   (481159.8,
3732102.0,   437.2,   437.2,   0.0);
     (481209.8, 3732102.0,   436.7,   436.7,   0.0);   (481259.8,
3732102.0,   436.4,   436.4,   0.0);
     (481309.8, 3732102.0,   436.1,   436.1,   0.0);   (481359.8,
3732102.0,   435.8,   435.8,   0.0);
     (481409.8, 3732102.0,   435.6,   435.6,   0.0);   (481459.8,
3732102.0,   435.5,   435.5,   0.0);
     (481509.8, 3732102.0,   435.5,   435.5,   0.0);   (481559.8,
3732102.0,   435.4,   435.4,   0.0);
     (481609.8, 3732102.0,   435.4,   435.4,   0.0);   (481659.8,
3732102.0,   435.3,   435.3,   0.0);
     (479709.8, 3732152.0,   464.7,   683.6,   0.0);   (479759.8,
3732152.0,   463.2,   683.6,   0.0);
     (479809.8, 3732152.0,   461.7,   683.6,   0.0);   (479859.8,

3732152.0,   460.3,   683.6,   0.0);
     (479909.8, 3732152.0,   458.9,   683.6,   0.0);   (479959.8,
3732152.0,   457.7,   683.6,   0.0);
     (480009.8, 3732152.0,   456.6,   683.6,   0.0);   (480059.8,
3732152.0,   455.4,   683.6,   0.0);
     (480109.8, 3732152.0,   454.2,   683.6,   0.0);   (480159.8,
3732152.0,   453.0,   683.6,   0.0);
     (480209.8, 3732152.0,   451.9,   683.6,   0.0);   (480259.8,
3732152.0,   450.6,   683.6,   0.0);
     (480309.8, 3732152.0,   449.3,   683.6,   0.0);   (480359.8,
3732152.0,   448.4,   683.6,   0.0);
     (480409.8, 3732152.0,   447.6,   683.6,   0.0);   (480459.8,
3732152.0,   446.9,   683.6,   0.0);
     (480509.8, 3732152.0,   446.1,   683.6,   0.0);   (480559.8,
3732152.0,   445.3,   683.6,   0.0);
     (480609.8, 3732152.0,   444.5,   683.6,   0.0);   (480659.8,
3732152.0,   443.7,   683.6,   0.0);
     (480709.8, 3732152.0,   443.1,   683.6,   0.0);   (480759.8,
3732152.0,   442.4,   683.6,   0.0);
     (480809.8, 3732152.0,   441.7,   683.6,   0.0);   (480859.8,
3732152.0,   441.1,   683.6,   0.0);
     (480909.8, 3732152.0,   440.6,   440.6,   0.0);   (480959.8,
3732152.0,   439.8,   439.8,   0.0);
     (481009.8, 3732152.0,   439.0,   439.0,   0.0);   (481059.8,
3732152.0,   438.5,   438.5,   0.0);
     (481109.8, 3732152.0,   437.8,   437.8,   0.0);   (481159.8,
3732152.0,   437.1,   437.1,   0.0);
     (481209.8, 3732152.0,   436.6,   436.6,   0.0);   (481259.8,
3732152.0,   436.3,   436.3,   0.0);
     (481309.8, 3732152.0,   436.1,   436.1,   0.0);   (481359.8,
3732152.0,   435.8,   435.8,   0.0);
     (481409.8, 3732152.0,   435.6,   435.6,   0.0);   (481459.8,
3732152.0,   435.5,   435.5,   0.0);
     (481509.8, 3732152.0,   435.5,   435.5,   0.0);   (481559.8,
3732152.0,   435.4,   435.4,   0.0);
     (481609.8, 3732152.0,   435.6,   435.6,   0.0);   (481659.8,
3732152.0,   435.7,   435.7,   0.0);
     (479709.8, 3732202.0,   465.5,   683.6,   0.0);   (479759.8,
3732202.0,   463.4,   683.6,   0.0);
     (479809.8, 3732202.0,   462.2,   683.6,   0.0);   (479859.8,
3732202.0,   460.8,   683.6,   0.0);
     (479909.8, 3732202.0,   459.2,   683.6,   0.0);   (479959.8,
3732202.0,   457.7,   683.6,   0.0);
     (480009.8, 3732202.0,   456.2,   683.6,   0.0);   (480059.8,
3732202.0,   454.7,   683.6,   0.0);
     (480109.8, 3732202.0,   453.2,   683.6,   0.0);   (480159.8,
3732202.0,   452.0,   683.6,   0.0);
     (480209.8, 3732202.0,   451.4,   683.6,   0.0);   (480259.8,
3732202.0,   449.9,   683.6,   0.0);
     (480309.8, 3732202.0,   448.3,   683.6,   0.0);   (480359.8,

3732202.0,   447.9,   683.6,   0.0);
     (480409.8, 3732202.0,   447.2,   683.6,   0.0);   (480459.8,
3732202.0,   446.8,   683.6,   0.0);
     (480509.8, 3732202.0,   445.9,   683.6,   0.0);   (480559.8,
3732202.0,   445.0,   683.6,   0.0);
     (480609.8, 3732202.0,   444.2,   683.6,   0.0);   (480659.8,
3732202.0,   443.4,   683.6,   0.0);
     (480709.8, 3732202.0,   442.7,   683.6,   0.0);   (480759.8,
3732202.0,   442.0,   683.6,   0.0);
     (480809.8, 3732202.0,   441.4,   683.6,   0.0);   (480859.8,
3732202.0,   440.8,   683.6,   0.0);
     (480909.8, 3732202.0,   440.5,   440.5,   0.0);   (480959.8,
3732202.0,   439.9,   439.9,   0.0);
     (481009.8, 3732202.0,   439.2,   439.2,   0.0);   (481059.8,
3732202.0,   438.5,   438.5,   0.0);
     (481109.8, 3732202.0,   437.8,   437.8,   0.0);   (481159.8,
3732202.0,   437.2,   437.2,   0.0);
     (481209.8, 3732202.0,   436.8,   436.8,   0.0);   (481259.8,
3732202.0,   436.4,   436.4,   0.0);
     (481309.8, 3732202.0,   436.1,   436.1,   0.0);   (481359.8,
3732202.0,   435.9,   435.9,   0.0);
     (481409.8, 3732202.0,   435.6,   435.6,   0.0);   (481459.8,
3732202.0,   435.5,   435.5,   0.0);

                                                  *** DISCRETE CARTESIAN RECEPTORS ***
                                                (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                          (METERS)

     (481509.8, 3732202.0,   435.4,   435.4,   0.0);   (481559.8,
3732202.0,   435.4,   435.4,   0.0);
     (481609.8, 3732202.0,   435.7,   435.7,   0.0);   (481659.8,
3732202.0,   436.1,   436.1,   0.0);
     (479709.8, 3732252.0,   465.2,   683.6,   0.0);   (479759.8,
3732252.0,   464.3,   683.6,   0.0);
     (479809.8, 3732252.0,   463.1,   683.6,   0.0);   (479859.8,
3732252.0,   461.8,   683.6,   0.0);
     (479909.8, 3732252.0,   459.7,   683.6,   0.0);   (479959.8,
3732252.0,   457.7,   683.6,   0.0);
     (480009.8, 3732252.0,   456.0,   683.6,   0.0);   (480059.8,
3732252.0,   454.3,   683.6,   0.0);
     (480109.8, 3732252.0,   453.1,   683.6,   0.0);   (480159.8,
3732252.0,   451.7,   683.6,   0.0);
     (480209.8, 3732252.0,   450.4,   683.6,   0.0);   (480259.8,

3732252.0,   449.2,   683.6,   0.0);
     (480309.8, 3732252.0,   447.8,   683.6,   0.0);   (480359.8,
3732252.0,   447.2,   683.6,   0.0);
     (480409.8, 3732252.0,   446.8,   683.6,   0.0);   (480459.8,
3732252.0,   446.5,   683.6,   0.0);
     (480509.8, 3732252.0,   445.6,   683.6,   0.0);   (480559.8,
3732252.0,   444.8,   683.6,   0.0);
     (480609.8, 3732252.0,   444.1,   683.6,   0.0);   (480659.8,
3732252.0,   443.4,   683.6,   0.0);
     (480709.8, 3732252.0,   442.6,   683.6,   0.0);   (480759.8,
3732252.0,   441.8,   683.6,   0.0);
     (480809.8, 3732252.0,   441.1,   683.6,   0.0);   (480859.8,
3732252.0,   440.6,   440.6,   0.0);
     (480909.8, 3732252.0,   440.2,   440.2,   0.0);   (480959.8,
3732252.0,   439.7,   439.7,   0.0);
     (481009.8, 3732252.0,   438.9,   438.9,   0.0);   (481059.8,
3732252.0,   438.6,   438.6,   0.0);
     (481109.8, 3732252.0,   437.9,   437.9,   0.0);   (481159.8,
3732252.0,   437.4,   437.4,   0.0);
     (481209.8, 3732252.0,   436.9,   436.9,   0.0);   (481259.8,
3732252.0,   436.5,   436.5,   0.0);
     (481309.8, 3732252.0,   436.1,   436.1,   0.0);   (481359.8,
3732252.0,   435.9,   435.9,   0.0);
     (481409.8, 3732252.0,   435.6,   435.6,   0.0);   (481459.8,
3732252.0,   435.4,   435.4,   0.0);
     (481509.8, 3732252.0,   435.3,   435.3,   0.0);   (481559.8,
3732252.0,   435.4,   435.4,   0.0);
     (481609.8, 3732252.0,   435.5,   435.5,   0.0);   (481659.8,
3732252.0,   435.9,   435.9,   0.0);
     (479709.8, 3732302.0,   465.2,   683.6,   0.0);   (479759.8,
3732302.0,   464.2,   683.6,   0.0);
     (479809.8, 3732302.0,   463.0,   683.6,   0.0);   (479859.8,
3732302.0,   461.6,   683.6,   0.0);
     (479909.8, 3732302.0,   460.2,   683.6,   0.0);   (479959.8,
3732302.0,   458.6,   683.6,   0.0);
     (480009.8, 3732302.0,   457.0,   683.6,   0.0);   (480059.8,
3732302.0,   455.7,   683.6,   0.0);
     (480109.8, 3732302.0,   454.6,   683.6,   0.0);   (480159.8,
3732302.0,   453.0,   683.6,   0.0);
     (480209.8, 3732302.0,   451.4,   683.6,   0.0);   (480259.8,
3732302.0,   450.1,   683.6,   0.0);
     (480309.8, 3732302.0,   448.7,   683.6,   0.0);   (480359.8,
3732302.0,   447.2,   683.6,   0.0);
     (480409.8, 3732302.0,   446.2,   683.6,   0.0);   (480459.8,
3732302.0,   445.6,   683.6,   0.0);
     (480509.8, 3732302.0,   445.1,   683.6,   0.0);   (480559.8,
3732302.0,   444.5,   683.6,   0.0);
     (480609.8, 3732302.0,   443.8,   683.6,   0.0);   (480659.8,
3732302.0,   443.2,   683.6,   0.0);
     (480709.8, 3732302.0,   442.5,   683.6,   0.0);   (480759.8,

3732302.0,   441.7,   683.6,   0.0);
     (480809.8, 3732302.0,   441.2,   441.2,   0.0);   (480859.8,
3732302.0,   440.8,   440.8,   0.0);
     (480909.8, 3732302.0,   439.9,   439.9,   0.0);   (480959.8,
3732302.0,   439.3,   439.3,   0.0);
     (481009.8, 3732302.0,   438.7,   438.7,   0.0);   (481059.8,
3732302.0,   438.2,   438.2,   0.0);
     (481109.8, 3732302.0,   437.5,   437.5,   0.0);   (481159.8,
3732302.0,   436.9,   436.9,   0.0);
     (481209.8, 3732302.0,   436.6,   436.6,   0.0);   (481259.8,
3732302.0,   436.4,   436.4,   0.0);
     (481309.8, 3732302.0,   436.0,   436.0,   0.0);   (481359.8,
3732302.0,   436.1,   436.1,   0.0);
     (481409.8, 3732302.0,   435.9,   435.9,   0.0);   (481459.8,
3732302.0,   435.6,   435.6,   0.0);
     (481509.8, 3732302.0,   435.4,   435.4,   0.0);   (481559.8,
3732302.0,   435.4,   435.4,   0.0);
     (481609.8, 3732302.0,   435.4,   435.4,   0.0);   (481659.8,
3732302.0,   435.4,   435.4,   0.0);
     (479709.8, 3732352.0,   465.2,   683.6,   0.0);   (479759.8,
3732352.0,   463.9,   683.6,   0.0);
     (479809.8, 3732352.0,   462.6,   683.6,   0.0);   (479859.8,
3732352.0,   461.2,   683.6,   0.0);
     (479909.8, 3732352.0,   459.9,   683.6,   0.0);   (479959.8,
3732352.0,   458.7,   683.6,   0.0);

                                                *** DISCRETE CARTESIAN RECEPTORS ***
                                               (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                           (METERS)

     (480009.8, 3732352.0,   457.4,   683.6,   0.0);   (480059.8,
3732352.0,   456.1,   683.6,   0.0);
     (480109.8, 3732352.0,   454.9,   683.6,   0.0);   (480159.8,
3732352.0,   453.5,   683.6,   0.0);
     (480209.8, 3732352.0,   452.2,   683.6,   0.0);   (480259.8,
3732352.0,   450.6,   683.6,   0.0);
     (480309.8, 3732352.0,   448.8,   683.6,   0.0);   (480359.8,
3732352.0,   447.6,   683.6,   0.0);
     (480409.8, 3732352.0,   446.1,   683.6,   0.0);   (480459.8,
3732352.0,   445.1,   683.6,   0.0);
     (480509.8, 3732352.0,   444.6,   683.6,   0.0);   (480559.8,
3732352.0,   444.0,   683.6,   0.0);
     (480609.8, 3732352.0,   443.5,   683.6,   0.0);   (480659.8,

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3732352.0,     442.9,     683.6,       0.0);
     ( 480709.8, 3732352.0,     442.3,     683.6,       0.0);         ( 480759.8,
3732352.0,     441.8,     683.6,       0.0);
     ( 480809.8, 3732352.0,     440.8,     440.8,       0.0);         ( 480859.8,
3732352.0,     440.7,     440.7,       0.0);
     ( 480909.8, 3732352.0,     439.6,     439.6,       0.0);         ( 480959.8,
3732352.0,     438.9,     438.9,       0.0);
     ( 481009.8, 3732352.0,     438.4,     438.4,       0.0);         ( 481059.8,
3732352.0,     437.9,     437.9,       0.0);
     ( 481109.8, 3732352.0,     437.6,     437.6,       0.0);         ( 481159.8,
3732352.0,     437.2,     437.2,       0.0);
     ( 481209.8, 3732352.0,     436.7,     436.7,       0.0);         ( 481259.8,
3732352.0,     436.5,     436.5,       0.0);
     ( 481309.8, 3732352.0,     435.9,     435.9,       0.0);         ( 481359.8,
3732352.0,     436.0,     436.0,       0.0);
     ( 481409.8, 3732352.0,     436.0,     436.0,       0.0);         ( 481459.8,
3732352.0,     435.7,     435.7,       0.0);
     ( 481509.8, 3732352.0,     435.5,     435.5,       0.0);         ( 481559.8,
3732352.0,     435.0,     435.0,       0.0);
     ( 481609.8, 3732352.0,     435.3,     435.3,       0.0);         ( 481659.8,
3732352.0,     435.1,     435.1,       0.0);
     ( 479709.8, 3732402.0,     464.6,     683.6,       0.0);         ( 479759.8,
3732402.0,     463.1,     683.6,       0.0);
     ( 479809.8, 3732402.0,     462.0,     683.6,       0.0);         ( 479859.8,
3732402.0,     460.6,     683.6,       0.0);
     ( 479909.8, 3732402.0,     459.1,     683.6,       0.0);         ( 479959.8,
3732402.0,     457.3,     683.6,       0.0);
     ( 480009.8, 3732402.0,     456.6,     683.6,       0.0);         ( 480059.8,
3732402.0,     455.6,     683.6,       0.0);
     ( 480109.8, 3732402.0,     454.5,     683.6,       0.0);         ( 480159.8,
3732402.0,     453.2,     683.6,       0.0);
     ( 480209.8, 3732402.0,     452.1,     683.6,       0.0);         ( 480259.8,
3732402.0,     450.8,     683.6,       0.0);
     ( 480309.8, 3732402.0,     449.3,     683.6,       0.0);         ( 480359.8,
3732402.0,     447.8,     683.6,       0.0);
     ( 480409.8, 3732402.0,     446.1,     683.6,       0.0);         ( 480459.8,
3732402.0,     444.8,     683.6,       0.0);
     ( 480509.8, 3732402.0,     444.3,     683.6,       0.0);         ( 480559.8,
3732402.0,     443.6,     683.6,       0.0);
     ( 480609.8, 3732402.0,     443.1,     683.6,       0.0);         ( 480659.8,
3732402.0,     442.6,     683.6,       0.0);
     ( 480709.8, 3732402.0,     441.7,     683.6,       0.0);         ( 480759.8,
3732402.0,     441.2,     441.2,       0.0);
     ( 480809.8, 3732402.0,     440.6,     440.6,       0.0);         ( 480859.8,
3732402.0,     440.1,     440.1,       0.0);
     ( 480909.8, 3732402.0,     439.5,     439.5,       0.0);         ( 480959.8,
3732402.0,     438.5,     438.5,       0.0);
     ( 481009.8, 3732402.0,     437.9,     437.9,       0.0);         ( 481059.8,
3732402.0,     437.3,     437.3,       0.0);
     ( 481109.8, 3732402.0,     437.2,     437.2,       0.0);         ( 481159.8,
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3732402.0,   436.9,   436.9,   0.0);
     (481209.8, 3732402.0,   436.5,   436.5,   0.0);   (481259.8,
3732402.0,   436.3,   436.3,   0.0);
     (481309.8, 3732402.0,   435.8,   435.8,   0.0);   (481359.8,
3732402.0,   435.4,   435.4,   0.0);
     (481409.8, 3732402.0,   435.3,   435.3,   0.0);   (481459.8,
3732402.0,   435.0,   435.0,   0.0);
     (481509.8, 3732402.0,   435.2,   435.2,   0.0);   (481559.8,
3732402.0,   435.1,   435.1,   0.0);
     (481609.8, 3732402.0,   435.1,   435.1,   0.0);   (481659.8,
3732402.0,   434.7,   434.7,   0.0);
     (479709.8, 3732452.0,   462.5,   683.6,   0.0);   (479759.8,
3732452.0,   460.1,   683.6,   0.0);
     (479809.8, 3732452.0,   459.8,   683.6,   0.0);   (479859.8,
3732452.0,   459.6,   683.6,   0.0);
     (479909.8, 3732452.0,   458.1,   683.6,   0.0);   (479959.8,
3732452.0,   455.6,   683.6,   0.0);
     (480009.8, 3732452.0,   454.4,   683.6,   0.0);   (480059.8,
3732452.0,   454.4,   683.6,   0.0);
     (480109.8, 3732452.0,   453.8,   683.6,   0.0);   (480159.8,
3732452.0,   452.6,   683.6,   0.0);
     (480209.8, 3732452.0,   451.4,   683.6,   0.0);   (480259.8,
3732452.0,   450.4,   683.6,   0.0);
     (480309.8, 3732452.0,   449.3,   683.6,   0.0);   (480359.8,
3732452.0,   448.0,   683.6,   0.0);
     (480409.8, 3732452.0,   446.3,   683.6,   0.0);   (480459.8,
3732452.0,   444.9,   683.6,   0.0);

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                                *** DISCRETE CARTESIAN RECEPTORS ***
                                               (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                          (METERS)

     (480509.8, 3732452.0,   444.1,   683.6,   0.0);   (480559.8,
3732452.0,   443.3,   683.6,   0.0);
     (480609.8, 3732452.0,   442.8,   683.6,   0.0);   (480659.8,
3732452.0,   442.2,   683.6,   0.0);
     (480709.8, 3732452.0,   441.6,   441.6,   0.0);   (480759.8,
3732452.0,   441.4,   441.4,   0.0);
     (480809.8, 3732452.0,   440.3,   440.3,   0.0);   (480859.8,
3732452.0,   439.8,   439.8,   0.0);
     (480909.8, 3732452.0,   439.7,   439.7,   0.0);   (480959.8,
3732452.0,   438.5,   438.5,   0.0);
     (481009.8, 3732452.0,   437.8,   437.8,   0.0);   (481059.8,

```
3732452.0,     437.4,     437.4,       0.0);
     ( 481109.8, 3732452.0,     437.2,     437.2,       0.0);         ( 481159.8,
3732452.0,     436.8,     436.8,       0.0);
     ( 481209.8, 3732452.0,     436.3,     436.3,       0.0);         ( 481259.8,
3732452.0,     436.1,     436.1,       0.0);
     ( 481309.8, 3732452.0,     435.5,     435.5,       0.0);         ( 481359.8,
3732452.0,     435.1,     435.1,       0.0);
     ( 481409.8, 3732452.0,     434.9,     434.9,       0.0);         ( 481459.8,
3732452.0,     434.5,     434.5,       0.0);
     ( 481509.8, 3732452.0,     434.4,     434.4,       0.0);         ( 481559.8,
3732452.0,     434.7,     434.7,       0.0);
     ( 481609.8, 3732452.0,     434.7,     434.7,       0.0);         ( 481659.8,
3732452.0,     434.6,     434.6,       0.0);
     ( 479709.8, 3732502.0,     460.6,     683.6,       0.0);         ( 479759.8,
3732502.0,     457.9,     683.6,       0.0);
     ( 479809.8, 3732502.0,     456.8,     683.6,       0.0);         ( 479859.8,
3732502.0,     458.1,     683.6,       0.0);
     ( 479909.8, 3732502.0,     457.1,     683.6,       0.0);         ( 479959.8,
3732502.0,     454.3,     683.6,       0.0);
     ( 480009.8, 3732502.0,     452.2,     683.6,       0.0);         ( 480059.8,
3732502.0,     452.5,     683.6,       0.0);
     ( 480109.8, 3732502.0,     452.7,     683.6,       0.0);         ( 480159.8,
3732502.0,     452.1,     683.6,       0.0);
     ( 480209.8, 3732502.0,     451.0,     683.6,       0.0);         ( 480259.8,
3732502.0,     449.8,     683.6,       0.0);
     ( 480309.8, 3732502.0,     448.7,     683.6,       0.0);         ( 480359.8,
3732502.0,     447.7,     683.6,       0.0);
     ( 480409.8, 3732502.0,     446.6,     683.6,       0.0);         ( 480459.8,
3732502.0,     445.3,     683.6,       0.0);
     ( 480509.8, 3732502.0,     444.2,     683.6,       0.0);         ( 480559.8,
3732502.0,     443.3,     683.6,       0.0);
     ( 480609.8, 3732502.0,     442.7,     683.6,       0.0);         ( 480659.8,
3732502.0,     441.9,     441.9,       0.0);
     ( 480709.8, 3732502.0,     441.4,     441.4,       0.0);         ( 480759.8,
3732502.0,     441.2,     441.2,       0.0);
     ( 480809.8, 3732502.0,     440.1,     440.1,       0.0);         ( 480859.8,
3732502.0,     439.5,     439.5,       0.0);
     ( 480909.8, 3732502.0,     439.1,     439.1,       0.0);         ( 480959.8,
3732502.0,     438.6,     438.6,       0.0);
     ( 481009.8, 3732502.0,     437.7,     437.7,       0.0);         ( 481059.8,
3732502.0,     437.3,     437.3,       0.0);
     ( 481109.8, 3732502.0,     436.5,     436.5,       0.0);         ( 481159.8,
3732502.0,     436.3,     436.3,       0.0);
     ( 481209.8, 3732502.0,     435.9,     435.9,       0.0);         ( 481259.8,
3732502.0,     435.8,     435.8,       0.0);
     ( 481309.8, 3732502.0,     435.3,     435.3,       0.0);         ( 481359.8,
3732502.0,     435.2,     435.2,       0.0);
     ( 481409.8, 3732502.0,     434.8,     434.8,       0.0);         ( 481459.8,
3732502.0,     434.4,     434.4,       0.0);
     ( 481509.8, 3732502.0,     434.3,     434.3,       0.0);         ( 481559.8,
```

3732502.0,   434.4,   434.4,   0.0);
     (481609.8, 3732502.0,   434.3,   434.3,   0.0);   (481659.8,
3732502.0,   434.4,   434.4,   0.0);
     (479709.8, 3732552.0,   458.7,   683.6,   0.0);   (479759.8,
3732552.0,   457.6,   683.6,   0.0);
     (479809.8, 3732552.0,   455.2,   683.6,   0.0);   (479859.8,
3732552.0,   455.2,   683.6,   0.0);
     (479909.8, 3732552.0,   454.1,   683.6,   0.0);   (479959.8,
3732552.0,   453.1,   683.6,   0.0);
     (480009.8, 3732552.0,   450.7,   683.6,   0.0);   (480059.8,
3732552.0,   450.7,   683.6,   0.0);
     (480109.8, 3732552.0,   450.3,   683.6,   0.0);   (480159.8,
3732552.0,   450.7,   683.6,   0.0);
     (480209.8, 3732552.0,   450.5,   683.6,   0.0);   (480259.8,
3732552.0,   449.6,   683.6,   0.0);
     (480309.8, 3732552.0,   448.4,   683.6,   0.0);   (480359.8,
3732552.0,   447.2,   683.6,   0.0);
     (480409.8, 3732552.0,   446.2,   683.6,   0.0);   (480459.8,
3732552.0,   445.3,   683.6,   0.0);
     (480509.8, 3732552.0,   444.2,   683.6,   0.0);   (480559.8,
3732552.0,   443.3,   683.6,   0.0);
     (480609.8, 3732552.0,   442.7,   442.7,   0.0);   (480659.8,
3732552.0,   442.0,   442.0,   0.0);
     (480709.8, 3732552.0,   441.1,   441.1,   0.0);   (480759.8,
3732552.0,   440.8,   440.8,   0.0);
     (480809.8, 3732552.0,   439.5,   439.5,   0.0);   (480859.8,
3732552.0,   439.2,   439.2,   0.0);
     (480909.8, 3732552.0,   438.8,   438.8,   0.0);   (480959.8,
3732552.0,   438.1,   438.1,   0.0);

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                                *** DISCRETE CARTESIAN RECEPTORS ***
                                               (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                          (METERS)

     (481009.8, 3732552.0,   437.6,   437.6,   0.0);   (481059.8,
3732552.0,   437.4,   437.4,   0.0);
     (481109.8, 3732552.0,   436.7,   436.7,   0.0);   (481159.8,
3732552.0,   436.3,   436.3,   0.0);
     (481209.8, 3732552.0,   436.0,   436.0,   0.0);   (481259.8,
3732552.0,   435.7,   435.7,   0.0);
     (481309.8, 3732552.0,   435.2,   435.2,   0.0);   (481359.8,
3732552.0,   435.2,   435.2,   0.0);
     (481409.8, 3732552.0,   434.9,   434.9,   0.0);   (481459.8,

3732552.0,   434.6,   434.6,   0.0);
     (481509.8, 3732552.0,   434.2,   434.2,   0.0);   (481559.8,
3732552.0,   434.2,   434.2,   0.0);
     (481609.8, 3732552.0,   434.0,   434.0,   0.0);   (481659.8,
3732552.0,   434.1,   434.1,   0.0);
     (479709.8, 3732602.0,   457.7,   683.6,   0.0);   (479759.8,
3732602.0,   455.7,   683.6,   0.0);
     (479809.8, 3732602.0,   453.8,   683.6,   0.0);   (479859.8,
3732602.0,   452.6,   683.6,   0.0);
     (479909.8, 3732602.0,   451.5,   683.6,   0.0);   (479959.8,
3732602.0,   451.1,   683.6,   0.0);
     (480009.8, 3732602.0,   449.6,   683.6,   0.0);   (480059.8,
3732602.0,   448.4,   683.6,   0.0);
     (480109.8, 3732602.0,   447.7,   683.6,   0.0);   (480159.8,
3732602.0,   448.3,   683.6,   0.0);
     (480209.8, 3732602.0,   449.1,   683.6,   0.0);   (480259.8,
3732602.0,   448.9,   683.6,   0.0);
     (480309.8, 3732602.0,   448.2,   683.6,   0.0);   (480359.8,
3732602.0,   447.1,   683.6,   0.0);
     (480409.8, 3732602.0,   445.8,   683.6,   0.0);   (480459.8,
3732602.0,   444.9,   683.6,   0.0);
     (480509.8, 3732602.0,   443.9,   683.6,   0.0);   (480559.8,
3732602.0,   443.0,   443.0,   0.0);
     (480609.8, 3732602.0,   442.2,   442.2,   0.0);   (480659.8,
3732602.0,   441.5,   441.5,   0.0);
     (480709.8, 3732602.0,   440.8,   440.8,   0.0);   (480759.8,
3732602.0,   440.4,   440.4,   0.0);
     (480809.8, 3732602.0,   439.1,   439.1,   0.0);   (480859.8,
3732602.0,   438.8,   438.8,   0.0);
     (480909.8, 3732602.0,   438.3,   438.3,   0.0);   (480959.8,
3732602.0,   437.7,   437.7,   0.0);
     (481009.8, 3732602.0,   437.4,   437.4,   0.0);   (481059.8,
3732602.0,   436.8,   436.8,   0.0);
     (481109.8, 3732602.0,   436.4,   436.4,   0.0);   (481159.8,
3732602.0,   436.0,   436.0,   0.0);
     (481209.8, 3732602.0,   435.7,   435.7,   0.0);   (481259.8,
3732602.0,   435.4,   435.4,   0.0);
     (481309.8, 3732602.0,   435.2,   435.2,   0.0);   (481359.8,
3732602.0,   435.8,   435.8,   0.0);
     (481409.8, 3732602.0,   435.4,   435.4,   0.0);   (481459.8,
3732602.0,   435.3,   435.3,   0.0);
     (481509.8, 3732602.0,   434.3,   434.3,   0.0);   (481559.8,
3732602.0,   434.0,   434.0,   0.0);
     (481609.8, 3732602.0,   434.0,   434.0,   0.0);   (481659.8,
3732602.0,   433.9,   433.9,   0.0);
     (479709.8, 3732652.0,   456.6,   683.6,   0.0);   (479759.8,
3732652.0,   454.0,   683.6,   0.0);
     (479809.8, 3732652.0,   453.1,   683.6,   0.0);   (479859.8,
3732652.0,   451.7,   683.6,   0.0);
     (479909.8, 3732652.0,   450.6,   683.6,   0.0);   (479959.8,

3732652.0,   449.9,   683.6,   0.0);
     (480009.8, 3732652.0,   449.0,   683.6,   0.0);   (480059.8,
3732652.0,   448.5,   683.6,   0.0);
     (480109.8, 3732652.0,   446.0,   683.6,   0.0);   (480159.8,
3732652.0,   446.4,   683.6,   0.0);
     (480209.8, 3732652.0,   447.4,   683.6,   0.0);   (480259.8,
3732652.0,   447.8,   683.6,   0.0);
     (480309.8, 3732652.0,   447.5,   683.6,   0.0);   (480359.8,
3732652.0,   446.8,   683.6,   0.0);
     (480409.8, 3732652.0,   445.6,   683.6,   0.0);   (480459.8,
3732652.0,   444.7,   683.6,   0.0);
     (480509.8, 3732652.0,   444.1,   444.1,   0.0);   (480559.8,
3732652.0,   443.2,   443.2,   0.0);
     (480609.8, 3732652.0,   442.0,   442.0,   0.0);   (480659.8,
3732652.0,   440.8,   440.8,   0.0);
     (480709.8, 3732652.0,   440.3,   440.3,   0.0);   (480759.8,
3732652.0,   440.2,   440.2,   0.0);
     (480809.8, 3732652.0,   438.9,   438.9,   0.0);   (480859.8,
3732652.0,   438.5,   438.5,   0.0);
     (480909.8, 3732652.0,   438.0,   438.0,   0.0);   (480959.8,
3732652.0,   437.4,   437.4,   0.0);
     (481009.8, 3732652.0,   437.1,   437.1,   0.0);   (481059.8,
3732652.0,   436.7,   436.7,   0.0);
     (481109.8, 3732652.0,   436.1,   436.1,   0.0);   (481159.8,
3732652.0,   435.8,   435.8,   0.0);
     (481209.8, 3732652.0,   435.4,   435.4,   0.0);   (481259.8,
3732652.0,   435.1,   435.1,   0.0);
     (481309.8, 3732652.0,   435.0,   435.0,   0.0);   (481359.8,
3732652.0,   435.8,   435.8,   0.0);
     (481409.8, 3732652.0,   435.4,   435.4,   0.0);   (481459.8,
3732652.0,   434.8,   434.8,   0.0);

                                          *** DISCRETE CARTESIAN RECEPTORS ***
                                        (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                  (METERS)

     (481509.8, 3732652.0,   434.3,   434.3,   0.0);   (481559.8,
3732652.0,   434.2,   434.2,   0.0);
     (481609.8, 3732652.0,   434.2,   434.2,   0.0);   (481659.8,
3732652.0,   434.1,   434.1,   0.0);
     (479709.8, 3732702.0,   454.2,   683.6,   0.0);   (479759.8,
3732702.0,   453.5,   683.6,   0.0);
     (479809.8, 3732702.0,   452.8,   683.6,   0.0);   (479859.8,

3732702.0,   451.1,   683.6,   0.0);
     (479909.8, 3732702.0,   449.3,   683.6,   0.0);   (479959.8,
3732702.0,   448.1,   683.6,   0.0);
     (480009.8, 3732702.0,   447.6,   683.6,   0.0);   (480059.8,
3732702.0,   447.4,   683.6,   0.0);
     (480109.8, 3732702.0,   445.2,   683.6,   0.0);   (480159.8,
3732702.0,   445.1,   683.6,   0.0);
     (480209.8, 3732702.0,   445.7,   683.6,   0.0);   (480259.8,
3732702.0,   446.3,   683.6,   0.0);
     (480309.8, 3732702.0,   446.4,   683.6,   0.0);   (480359.8,
3732702.0,   445.9,   683.6,   0.0);
     (480409.8, 3732702.0,   445.1,   445.1,   0.0);   (480459.8,
3732702.0,   444.1,   444.1,   0.0);
     (480509.8, 3732702.0,   443.4,   443.4,   0.0);   (480559.8,
3732702.0,   442.8,   442.8,   0.0);
     (480609.8, 3732702.0,   442.0,   442.0,   0.0);   (480659.8,
3732702.0,   440.8,   440.8,   0.0);
     (480709.8, 3732702.0,   440.0,   440.0,   0.0);   (480759.8,
3732702.0,   439.8,   439.8,   0.0);
     (480809.8, 3732702.0,   438.6,   438.6,   0.0);   (480859.8,
3732702.0,   438.2,   438.2,   0.0);
     (480909.8, 3732702.0,   437.6,   437.6,   0.0);   (480959.8,
3732702.0,   437.1,   437.1,   0.0);
     (481009.8, 3732702.0,   436.7,   436.7,   0.0);   (481059.8,
3732702.0,   436.3,   436.3,   0.0);
     (481109.8, 3732702.0,   435.8,   435.8,   0.0);   (481159.8,
3732702.0,   435.4,   435.4,   0.0);
     (481209.8, 3732702.0,   435.2,   435.2,   0.0);   (481259.8,
3732702.0,   434.9,   434.9,   0.0);
     (481309.8, 3732702.0,   434.8,   434.8,   0.0);   (481359.8,
3732702.0,   435.2,   435.2,   0.0);
     (481409.8, 3732702.0,   435.0,   435.0,   0.0);   (481459.8,
3732702.0,   434.9,   434.9,   0.0);
     (481509.8, 3732702.0,   433.8,   433.8,   0.0);   (481559.8,
3732702.0,   434.5,   434.5,   0.0);
     (481609.8, 3732702.0,   434.9,   434.9,   0.0);   (481659.8,
3732702.0,   434.8,   434.8,   0.0);
     (479709.8, 3732752.0,   452.9,   683.6,   0.0);   (479759.8,
3732752.0,   453.4,   683.6,   0.0);
     (479809.8, 3732752.0,   452.8,   683.6,   0.0);   (479859.8,
3732752.0,   451.2,   683.6,   0.0);
     (479909.8, 3732752.0,   449.5,   683.6,   0.0);   (479959.8,
3732752.0,   448.1,   683.6,   0.0);
     (480009.8, 3732752.0,   448.0,   683.6,   0.0);   (480059.8,
3732752.0,   447.2,   683.6,   0.0);
     (480109.8, 3732752.0,   444.5,   683.6,   0.0);   (480159.8,
3732752.0,   443.5,   683.6,   0.0);
     (480209.8, 3732752.0,   443.9,   683.6,   0.0);   (480259.8,
3732752.0,   444.8,   683.6,   0.0);
     (480309.8, 3732752.0,   444.9,   683.6,   0.0);   (480359.8,

3732752.0,   444.5,   444.5,   0.0);
     (480409.8, 3732752.0,   444.3,   444.3,   0.0);   (480459.8,
3732752.0,   443.4,   443.4,   0.0);
     (480509.8, 3732752.0,   442.6,   442.6,   0.0);   (480559.8,
3732752.0,   442.0,   442.0,   0.0);
     (480609.8, 3732752.0,   441.3,   441.3,   0.0);   (480659.8,
3732752.0,   440.6,   440.6,   0.0);
     (480709.8, 3732752.0,   439.7,   439.7,   0.0);   (480759.8,
3732752.0,   439.5,   439.5,   0.0);
     (480809.8, 3732752.0,   438.1,   438.1,   0.0);   (480859.8,
3732752.0,   437.8,   437.8,   0.0);
     (480909.8, 3732752.0,   437.2,   437.2,   0.0);   (480959.8,
3732752.0,   436.6,   436.6,   0.0);
     (481009.8, 3732752.0,   436.2,   436.2,   0.0);   (481059.8,
3732752.0,   435.8,   435.8,   0.0);
     (481109.8, 3732752.0,   435.4,   435.4,   0.0);   (481159.8,
3732752.0,   435.1,   435.1,   0.0);
     (481209.8, 3732752.0,   434.9,   434.9,   0.0);   (481259.8,
3732752.0,   434.7,   434.7,   0.0);
     (481309.8, 3732752.0,   434.6,   434.6,   0.0);   (481359.8,
3732752.0,   434.9,   434.9,   0.0);
     (481409.8, 3732752.0,   434.8,   434.8,   0.0);   (481459.8,
3732752.0,   435.0,   435.0,   0.0);
     (481509.8, 3732752.0,   433.6,   433.6,   0.0);   (481559.8,
3732752.0,   434.4,   434.4,   0.0);
     (481609.8, 3732752.0,   434.7,   434.7,   0.0);   (481659.8,
3732752.0,   434.6,   434.6,   0.0);
     (479709.8, 3732802.0,   452.1,   683.6,   0.0);   (479759.8,
3732802.0,   451.7,   683.6,   0.0);
     (479809.8, 3732802.0,   451.7,   683.6,   0.0);   (479859.8,
3732802.0,   451.3,   683.6,   0.0);
     (479909.8, 3732802.0,   450.5,   683.6,   0.0);   (479959.8,
3732802.0,   449.2,   683.6,   0.0);

                                                 *** DISCRETE CARTESIAN RECEPTORS ***
                                               (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                           (METERS)

     (480009.8, 3732802.0,   446.3,   683.6,   0.0);   (480059.8,
3732802.0,   445.1,   683.6,   0.0);
     (480109.8, 3732802.0,   444.1,   683.6,   0.0);   (480159.8,
3732802.0,   442.8,   683.6,   0.0);
     (480209.8, 3732802.0,   442.6,   683.6,   0.0);   (480259.8,

```
3732802.0,     443.5,     683.6,       0.0);
     ( 480309.8, 3732802.0,     443.4,     683.6,       0.0);         ( 480359.8,
3732802.0,     443.1,     443.1,       0.0);
     ( 480409.8, 3732802.0,     443.2,     443.2,       0.0);         ( 480459.8,
3732802.0,     442.7,     442.7,       0.0);
     ( 480509.8, 3732802.0,     442.0,     442.0,       0.0);         ( 480559.8,
3732802.0,     441.2,     441.2,       0.0);
     ( 480609.8, 3732802.0,     440.6,     440.6,       0.0);         ( 480659.8,
3732802.0,     440.0,     440.0,       0.0);
     ( 480709.8, 3732802.0,     439.2,     439.2,       0.0);         ( 480759.8,
3732802.0,     438.7,     438.7,       0.0);
     ( 480809.8, 3732802.0,     437.7,     437.7,       0.0);         ( 480859.8,
3732802.0,     437.4,     437.4,       0.0);
     ( 480909.8, 3732802.0,     436.8,     436.8,       0.0);         ( 480959.8,
3732802.0,     436.2,     436.2,       0.0);
     ( 481009.8, 3732802.0,     435.7,     435.7,       0.0);         ( 481059.8,
3732802.0,     435.4,     435.4,       0.0);
     ( 481109.8, 3732802.0,     435.1,     435.1,       0.0);         ( 481159.8,
3732802.0,     434.8,     434.8,       0.0);
     ( 481209.8, 3732802.0,     434.6,     434.6,       0.0);         ( 481259.8,
3732802.0,     434.6,     434.6,       0.0);
     ( 481309.8, 3732802.0,     434.4,     434.4,       0.0);         ( 481359.8,
3732802.0,     434.5,     434.5,       0.0);
     ( 481409.8, 3732802.0,     434.2,     434.2,       0.0);         ( 481459.8,
3732802.0,     434.0,     434.0,       0.0);
     ( 481509.8, 3732802.0,     433.3,     433.3,       0.0);         ( 481559.8,
3732802.0,     434.1,     434.1,       0.0);
     ( 481609.8, 3732802.0,     434.3,     434.3,       0.0);         ( 481659.8,
3732802.0,     434.1,     434.1,       0.0);
     ( 479709.8, 3732852.0,     450.9,     683.6,       0.0);         ( 479759.8,
3732852.0,     449.5,     683.6,       0.0);
     ( 479809.8, 3732852.0,     451.1,     683.6,       0.0);         ( 479859.8,
3732852.0,     451.1,     683.6,       0.0);
     ( 479909.8, 3732852.0,     451.2,     683.6,       0.0);         ( 479959.8,
3732852.0,     449.4,     683.6,       0.0);
     ( 480009.8, 3732852.0,     445.5,     683.6,       0.0);         ( 480059.8,
3732852.0,     445.8,     683.6,       0.0);
     ( 480109.8, 3732852.0,     445.6,     683.6,       0.0);         ( 480159.8,
3732852.0,     442.8,     683.6,       0.0);
     ( 480209.8, 3732852.0,     441.7,     683.6,       0.0);         ( 480259.8,
3732852.0,     442.1,     683.6,       0.0);
     ( 480309.8, 3732852.0,     442.2,     442.2,       0.0);         ( 480359.8,
3732852.0,     441.8,     441.8,       0.0);
     ( 480409.8, 3732852.0,     442.4,     442.4,       0.0);         ( 480459.8,
3732852.0,     441.9,     441.9,       0.0);
     ( 480509.8, 3732852.0,     441.1,     441.1,       0.0);         ( 480559.8,
3732852.0,     440.5,     440.5,       0.0);
     ( 480609.8, 3732852.0,     440.0,     440.0,       0.0);         ( 480659.8,
3732852.0,     439.4,     439.4,       0.0);
     ( 480709.8, 3732852.0,     438.8,     438.8,       0.0);         ( 480759.8,
```

3732852.0,   438.6,   438.6,   0.0);
     (480809.8, 3732852.0,   437.6,   437.6,   0.0);   (480859.8,
3732852.0,   437.0,   437.0,   0.0);
     (480909.8, 3732852.0,   436.3,   436.3,   0.0);   (480959.8,
3732852.0,   435.8,   435.8,   0.0);
     (481009.8, 3732852.0,   435.4,   435.4,   0.0);   (481059.8,
3732852.0,   435.1,   435.1,   0.0);
     (481109.8, 3732852.0,   434.8,   434.8,   0.0);   (481159.8,
3732852.0,   434.6,   434.6,   0.0);
     (481209.8, 3732852.0,   434.4,   434.4,   0.0);   (481259.8,
3732852.0,   434.3,   434.3,   0.0);
     (481309.8, 3732852.0,   434.1,   434.1,   0.0);   (481359.8,
3732852.0,   434.3,   434.3,   0.0);
     (481409.8, 3732852.0,   434.0,   434.0,   0.0);   (481459.8,
3732852.0,   433.6,   433.6,   0.0);
     (481509.8, 3732852.0,   432.4,   432.4,   0.0);   (481559.8,
3732852.0,   433.8,   433.8,   0.0);
     (481609.8, 3732852.0,   433.9,   433.9,   0.0);   (481659.8,
3732852.0,   433.6,   433.6,   0.0);
     (479709.8, 3732902.0,   448.8,   683.6,   0.0);   (479759.8,
3732902.0,   449.6,   683.6,   0.0);
     (479809.8, 3732902.0,   450.2,   683.6,   0.0);   (479859.8,
3732902.0,   449.3,   683.6,   0.0);
     (479909.8, 3732902.0,   451.3,   683.6,   0.0);   (479959.8,
3732902.0,   449.5,   683.6,   0.0);
     (480009.8, 3732902.0,   446.4,   683.6,   0.0);   (480059.8,
3732902.0,   445.8,   683.6,   0.0);
     (480109.8, 3732902.0,   444.9,   683.6,   0.0);   (480159.8,
3732902.0,   442.2,   683.6,   0.0);
     (480209.8, 3732902.0,   441.1,   683.6,   0.0);   (480259.8,
3732902.0,   440.9,   440.9,   0.0);
     (480309.8, 3732902.0,   440.8,   440.8,   0.0);   (480359.8,
3732902.0,   440.5,   440.5,   0.0);
     (480409.8, 3732902.0,   441.6,   441.6,   0.0);   (480459.8,
3732902.0,   441.2,   441.2,   0.0);

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                                *** DISCRETE CARTESIAN RECEPTORS ***
                                               (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                           (METERS)

     (480509.8, 3732902.0,   440.2,   440.2,   0.0);   (480559.8,
3732902.0,   439.5,   439.5,   0.0);
     (480609.8, 3732902.0,   439.2,   439.2,   0.0);   (480659.8,

3732902.0,   438.7,   438.7,   0.0);
     (480709.8, 3732902.0,   437.9,   437.9,   0.0);   (480759.8,
3732902.0,   437.8,   437.8,   0.0);
     (480809.8, 3732902.0,   437.3,   437.3,   0.0);   (480859.8,
3732902.0,   436.2,   436.2,   0.0);
     (480909.8, 3732902.0,   435.7,   435.7,   0.0);   (480959.8,
3732902.0,   435.3,   435.3,   0.0);
     (481009.8, 3732902.0,   435.0,   435.0,   0.0);   (481059.8,
3732902.0,   434.7,   434.7,   0.0);
     (481109.8, 3732902.0,   434.4,   434.4,   0.0);   (481159.8,
3732902.0,   434.2,   434.2,   0.0);
     (481209.8, 3732902.0,   434.2,   434.2,   0.0);   (481259.8,
3732902.0,   433.9,   433.9,   0.0);
     (481309.8, 3732902.0,   433.8,   433.8,   0.0);   (481359.8,
3732902.0,   433.5,   433.5,   0.0);
     (481409.8, 3732902.0,   433.3,   433.3,   0.0);   (481459.8,
3732902.0,   433.1,   433.1,   0.0);
     (481509.8, 3732902.0,   433.0,   433.0,   0.0);   (481559.8,
3732902.0,   433.1,   433.1,   0.0);
     (481609.8, 3732902.0,   433.2,   433.2,   0.0);   (481659.8,
3732902.0,   433.3,   433.3,   0.0);
     (479709.8, 3732952.0,   448.2,   683.6,   0.0);   (479759.8,
3732952.0,   449.0,   683.6,   0.0);
     (479809.8, 3732952.0,   448.8,   683.6,   0.0);   (479859.8,
3732952.0,   447.6,   683.6,   0.0);
     (479909.8, 3732952.0,   449.4,   683.6,   0.0);   (479959.8,
3732952.0,   448.4,   683.6,   0.0);
     (480009.8, 3732952.0,   445.3,   683.6,   0.0);   (480059.8,
3732952.0,   443.7,   683.6,   0.0);
     (480109.8, 3732952.0,   442.5,   683.6,   0.0);   (480159.8,
3732952.0,   441.4,   441.4,   0.0);
     (480209.8, 3732952.0,   440.5,   440.5,   0.0);   (480259.8,
3732952.0,   439.9,   439.9,   0.0);
     (480309.8, 3732952.0,   439.5,   439.5,   0.0);   (480359.8,
3732952.0,   439.6,   439.6,   0.0);
     (480409.8, 3732952.0,   440.8,   440.8,   0.0);   (480459.8,
3732952.0,   440.5,   440.5,   0.0);
     (480509.8, 3732952.0,   439.7,   439.7,   0.0);   (480559.8,
3732952.0,   438.6,   438.6,   0.0);
     (480609.8, 3732952.0,   438.4,   438.4,   0.0);   (480659.8,
3732952.0,   438.2,   438.2,   0.0);
     (480709.8, 3732952.0,   437.2,   437.2,   0.0);   (480759.8,
3732952.0,   436.8,   436.8,   0.0);
     (480809.8, 3732952.0,   436.5,   436.5,   0.0);   (480859.8,
3732952.0,   435.8,   435.8,   0.0);
     (480909.8, 3732952.0,   435.2,   435.2,   0.0);   (480959.8,
3732952.0,   434.7,   434.7,   0.0);
     (481009.8, 3732952.0,   434.5,   434.5,   0.0);   (481059.8,
3732952.0,   434.3,   434.3,   0.0);
     (481109.8, 3732952.0,   434.1,   434.1,   0.0);   (481159.8,

3732952.0,   434.0,   434.0,   0.0);
     (481209.8, 3732952.0,   433.8,   433.8,   0.0);   (481259.8,
3732952.0,   433.7,   433.7,   0.0);
     (481309.8, 3732952.0,   433.6,   433.6,   0.0);   (481359.8,
3732952.0,   433.3,   433.3,   0.0);
     (481409.8, 3732952.0,   433.1,   433.1,   0.0);   (481459.8,
3732952.0,   433.0,   433.0,   0.0);
     (481509.8, 3732952.0,   433.0,   433.0,   0.0);   (481559.8,
3732952.0,   433.1,   433.1,   0.0);
     (481609.8, 3732952.0,   433.1,   433.1,   0.0);   (481659.8,
3732952.0,   433.2,   433.2,   0.0);
     (479709.8, 3733002.0,   447.6,   683.6,   0.0);   (479759.8,
3733002.0,   447.8,   683.6,   0.0);
     (479809.8, 3733002.0,   446.9,   683.6,   0.0);   (479859.8,
3733002.0,   445.9,   683.6,   0.0);
     (479909.8, 3733002.0,   446.1,   683.6,   0.0);   (479959.8,
3733002.0,   446.0,   683.6,   0.0);
     (480009.8, 3733002.0,   444.4,   444.4,   0.0);   (480059.8,
3733002.0,   442.6,   442.6,   0.0);
     (480109.8, 3733002.0,   441.5,   441.5,   0.0);   (480159.8,
3733002.0,   440.6,   440.6,   0.0);
     (480209.8, 3733002.0,   439.8,   439.8,   0.0);   (480259.8,
3733002.0,   439.3,   439.3,   0.0);
     (480309.8, 3733002.0,   438.9,   438.9,   0.0);   (480359.8,
3733002.0,   438.9,   438.9,   0.0);
     (480409.8, 3733002.0,   440.1,   440.1,   0.0);   (480459.8,
3733002.0,   439.9,   439.9,   0.0);
     (480509.8, 3733002.0,   439.2,   439.2,   0.0);   (480559.8,
3733002.0,   438.0,   438.0,   0.0);
     (480609.8, 3733002.0,   437.8,   437.8,   0.0);   (480659.8,
3733002.0,   438.0,   438.0,   0.0);
     (480709.8, 3733002.0,   437.0,   437.0,   0.0);   (480759.8,
3733002.0,   436.0,   436.0,   0.0);
     (480809.8, 3733002.0,   435.7,   435.7,   0.0);   (480859.8,
3733002.0,   435.4,   435.4,   0.0);
     (480909.8, 3733002.0,   435.1,   435.1,   0.0);   (480959.8,
3733002.0,   434.6,   434.6,   0.0);

                                                *** DISCRETE CARTESIAN RECEPTORS ***
                                               (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                           (METERS)

     (481009.8, 3733002.0,   434.3,   434.3,   0.0);   (481059.8,

```
3733002.0,     434.1,     434.1,       0.0);
     ( 481109.8, 3733002.0,     433.9,     433.9,       0.0);         ( 481159.8,
3733002.0,     433.8,     433.8,       0.0);
     ( 481209.8, 3733002.0,     433.7,     433.7,       0.0);         ( 481259.8,
3733002.0,     433.6,     433.6,       0.0);
     ( 481309.8, 3733002.0,     433.4,     433.4,       0.0);         ( 481359.8,
3733002.0,     433.2,     433.2,       0.0);
     ( 481409.8, 3733002.0,     433.0,     433.0,       0.0);         ( 481459.8,
3733002.0,     432.9,     432.9,       0.0);
     ( 481509.8, 3733002.0,     432.9,     432.9,       0.0);         ( 481559.8,
3733002.0,     433.1,     433.1,       0.0);
     ( 481609.8, 3733002.0,     433.1,     433.1,       0.0);         ( 481659.8,
3733002.0,     433.2,     433.2,       0.0);
     ( 479709.8, 3733052.0,     446.9,     683.6,       0.0);         ( 479759.8,
3733052.0,     446.7,     683.6,       0.0);
     ( 479809.8, 3733052.0,     445.9,     683.6,       0.0);         ( 479859.8,
3733052.0,     444.9,     683.6,       0.0);
     ( 479909.8, 3733052.0,     444.0,     683.6,       0.0);         ( 479959.8,
3733052.0,     443.8,     443.8,       0.0);
     ( 480009.8, 3733052.0,     443.1,     443.1,       0.0);         ( 480059.8,
3733052.0,     441.7,     441.7,       0.0);
     ( 480109.8, 3733052.0,     440.5,     440.5,       0.0);         ( 480159.8,
3733052.0,     439.8,     439.8,       0.0);
     ( 480209.8, 3733052.0,     439.3,     439.3,       0.0);         ( 480259.8,
3733052.0,     438.8,     438.8,       0.0);
     ( 480309.8, 3733052.0,     438.4,     438.4,       0.0);         ( 480359.8,
3733052.0,     438.2,     438.2,       0.0);
     ( 480409.8, 3733052.0,     439.2,     439.2,       0.0);         ( 480459.8,
3733052.0,     439.1,     439.1,       0.0);
     ( 480509.8, 3733052.0,     438.6,     438.6,       0.0);         ( 480559.8,
3733052.0,     437.6,     437.6,       0.0);
     ( 480609.8, 3733052.0,     436.9,     436.9,       0.0);         ( 480659.8,
3733052.0,     436.9,     436.9,       0.0);
     ( 480709.8, 3733052.0,     436.4,     436.4,       0.0);         ( 480759.8,
3733052.0,     435.6,     435.6,       0.0);
     ( 480809.8, 3733052.0,     435.0,     435.0,       0.0);         ( 480859.8,
3733052.0,     434.8,     434.8,       0.0);
     ( 480909.8, 3733052.0,     434.7,     434.7,       0.0);         ( 480959.8,
3733052.0,     434.2,     434.2,       0.0);
     ( 481009.8, 3733052.0,     433.9,     433.9,       0.0);         ( 481059.8,
3733052.0,     433.7,     433.7,       0.0);
     ( 481109.8, 3733052.0,     433.5,     433.5,       0.0);         ( 481159.8,
3733052.0,     433.6,     433.6,       0.0);
     ( 481209.8, 3733052.0,     433.6,     433.6,       0.0);         ( 481259.8,
3733052.0,     433.5,     433.5,       0.0);
     ( 481309.8, 3733052.0,     433.2,     433.2,       0.0);         ( 481359.8,
3733052.0,     433.0,     433.0,       0.0);
     ( 481409.8, 3733052.0,     432.9,     432.9,       0.0);         ( 481459.8,
3733052.0,     432.9,     432.9,       0.0);
     ( 481509.8, 3733052.0,     432.9,     432.9,       0.0);         ( 481559.8,
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3733052.0,     433.1,     433.1,       0.0);
     ( 481609.8, 3733052.0,     433.1,     433.1,       0.0);         ( 481659.8,
3733052.0,     433.3,     433.3,       0.0);
     ( 479709.8, 3733102.0,     445.9,     683.6,       0.0);         ( 479759.8,
3733102.0,     445.9,     683.6,       0.0);
     ( 479809.8, 3733102.0,     445.9,     445.9,       0.0);         ( 479859.8,
3733102.0,     444.8,     444.8,       0.0);
     ( 479909.8, 3733102.0,     443.6,     443.6,       0.0);         ( 479959.8,
3733102.0,     442.6,     442.6,       0.0);
     ( 480009.8, 3733102.0,     441.8,     441.8,       0.0);         ( 480059.8,
3733102.0,     440.6,     440.6,       0.0);
     ( 480109.8, 3733102.0,     439.6,     439.6,       0.0);         ( 480159.8,
3733102.0,     439.1,     439.1,       0.0);
     ( 480209.8, 3733102.0,     438.7,     438.7,       0.0);         ( 480259.8,
3733102.0,     438.4,     438.4,       0.0);
     ( 480309.8, 3733102.0,     437.9,     437.9,       0.0);         ( 480359.8,
3733102.0,     437.6,     437.6,       0.0);
     ( 480409.8, 3733102.0,     438.2,     438.2,       0.0);         ( 480459.8,
3733102.0,     438.3,     438.3,       0.0);
     ( 480509.8, 3733102.0,     437.9,     437.9,       0.0);         ( 480559.8,
3733102.0,     437.1,     437.1,       0.0);
     ( 480609.8, 3733102.0,     436.2,     436.2,       0.0);         ( 480659.8,
3733102.0,     436.1,     436.1,       0.0);
     ( 480709.8, 3733102.0,     435.9,     435.9,       0.0);         ( 480759.8,
3733102.0,     435.2,     435.2,       0.0);
     ( 480809.8, 3733102.0,     434.5,     434.5,       0.0);         ( 480859.8,
3733102.0,     434.2,     434.2,       0.0);
     ( 480909.8, 3733102.0,     434.1,     434.1,       0.0);         ( 480959.8,
3733102.0,     433.7,     433.7,       0.0);
     ( 481009.8, 3733102.0,     433.6,     433.6,       0.0);         ( 481059.8,
3733102.0,     433.4,     433.4,       0.0);
     ( 481109.8, 3733102.0,     433.3,     433.3,       0.0);         ( 481159.8,
3733102.0,     433.3,     433.3,       0.0);
     ( 481209.8, 3733102.0,     433.3,     433.3,       0.0);         ( 481259.8,
3733102.0,     433.2,     433.2,       0.0);
     ( 481309.8, 3733102.0,     433.0,     433.0,       0.0);         ( 481359.8,
3733102.0,     432.9,     432.9,       0.0);
     ( 481409.8, 3733102.0,     432.9,     432.9,       0.0);         ( 481459.8,
3733102.0,     432.9,     432.9,       0.0);
```


*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

```
     ( 481509.8, 3733102.0,     433.0,     433.0,       0.0);         ( 481559.8,
3733102.0,     433.1,     433.1,       0.0);
     ( 481609.8, 3733102.0,     433.2,     433.2,       0.0);         ( 481659.8,
3733102.0,     433.4,     433.4,       0.0);
     ( 479709.8, 3733152.0,     445.0,     445.0,       0.0);         ( 479759.8,
3733152.0,     444.7,     444.7,       0.0);
     ( 479809.8, 3733152.0,     445.2,     445.2,       0.0);         ( 479859.8,
3733152.0,     444.5,     444.5,       0.0);
     ( 479909.8, 3733152.0,     443.3,     443.3,       0.0);         ( 479959.8,
3733152.0,     441.7,     441.7,       0.0);
     ( 480009.8, 3733152.0,     440.7,     440.7,       0.0);         ( 480059.8,
3733152.0,     439.8,     439.8,       0.0);
     ( 480109.8, 3733152.0,     439.0,     439.0,       0.0);         ( 480159.8,
3733152.0,     438.5,     438.5,       0.0);
     ( 480209.8, 3733152.0,     438.1,     438.1,       0.0);         ( 480259.8,
3733152.0,     437.9,     437.9,       0.0);
     ( 480309.8, 3733152.0,     437.6,     437.6,       0.0);         ( 480359.8,
3733152.0,     437.1,     437.1,       0.0);
     ( 480409.8, 3733152.0,     437.2,     437.2,       0.0);         ( 480459.8,
3733152.0,     437.4,     437.4,       0.0);
     ( 480509.8, 3733152.0,     437.3,     437.3,       0.0);         ( 480559.8,
3733152.0,     436.5,     436.5,       0.0);
     ( 480609.8, 3733152.0,     435.6,     435.6,       0.0);         ( 480659.8,
3733152.0,     435.4,     435.4,       0.0);
     ( 480709.8, 3733152.0,     435.2,     435.2,       0.0);         ( 480759.8,
3733152.0,     434.6,     434.6,       0.0);
     ( 480809.8, 3733152.0,     434.1,     434.1,       0.0);         ( 480859.8,
3733152.0,     433.8,     433.8,       0.0);
     ( 480909.8, 3733152.0,     433.7,     433.7,       0.0);         ( 480959.8,
3733152.0,     433.4,     433.4,       0.0);
     ( 481009.8, 3733152.0,     433.3,     433.3,       0.0);         ( 481059.8,
3733152.0,     433.2,     433.2,       0.0);
     ( 481109.8, 3733152.0,     433.1,     433.1,       0.0);         ( 481159.8,
3733152.0,     433.1,     433.1,       0.0);
     ( 481209.8, 3733152.0,     433.1,     433.1,       0.0);         ( 481259.8,
3733152.0,     433.0,     433.0,       0.0);
     ( 481309.8, 3733152.0,     432.8,     432.8,       0.0);         ( 481359.8,
3733152.0,     432.8,     432.8,       0.0);
     ( 481409.8, 3733152.0,     432.8,     432.8,       0.0);         ( 481459.8,
3733152.0,     433.0,     433.0,       0.0);
     ( 481509.8, 3733152.0,     433.0,     433.0,       0.0);         ( 481559.8,
3733152.0,     433.1,     433.1,       0.0);
     ( 481609.8, 3733152.0,     433.2,     433.2,       0.0);         ( 481659.8,
3733152.0,     433.4,     433.4,       0.0);
     ( 479709.8, 3733202.0,     444.0,     444.0,       0.0);         ( 479759.8,
3733202.0,     443.5,     443.5,       0.0);
     ( 479809.8, 3733202.0,     443.7,     443.7,       0.0);         ( 479859.8,
3733202.0,     443.7,     443.7,       0.0);
     ( 479909.8, 3733202.0,     442.8,     442.8,       0.0);         ( 479959.8,
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3733202.0,   441.3,   441.3,   0.0);
     (480009.8, 3733202.0,   440.0,   440.0,   0.0);   (480059.8,
3733202.0,   439.1,   439.1,   0.0);
     (480109.8, 3733202.0,   438.6,   438.6,   0.0);   (480159.8,
3733202.0,   438.1,   438.1,   0.0);
     (480209.8, 3733202.0,   437.6,   437.6,   0.0);   (480259.8,
3733202.0,   437.3,   437.3,   0.0);
     (480309.8, 3733202.0,   437.3,   437.3,   0.0);   (480359.8,
3733202.0,   436.8,   436.8,   0.0);
     (480409.8, 3733202.0,   436.4,   436.4,   0.0);   (480459.8,
3733202.0,   436.5,   436.5,   0.0);
     (480509.8, 3733202.0,   436.5,   436.5,   0.0);   (480559.8,
3733202.0,   435.9,   435.9,   0.0);
     (480609.8, 3733202.0,   435.1,   435.1,   0.0);   (480659.8,
3733202.0,   434.7,   434.7,   0.0);
     (480709.8, 3733202.0,   434.4,   434.4,   0.0);   (480759.8,
3733202.0,   433.8,   433.8,   0.0);
     (480809.8, 3733202.0,   433.6,   433.6,   0.0);   (480859.8,
3733202.0,   433.5,   433.5,   0.0);
     (480909.8, 3733202.0,   433.4,   433.4,   0.0);   (480959.8,
3733202.0,   433.2,   433.2,   0.0);
     (481009.8, 3733202.0,   433.1,   433.1,   0.0);   (481059.8,
3733202.0,   433.0,   433.0,   0.0);
     (481109.8, 3733202.0,   433.0,   433.0,   0.0);   (481159.8,
3733202.0,   433.0,   433.0,   0.0);
     (481209.8, 3733202.0,   432.9,   432.9,   0.0);   (481259.8,
3733202.0,   432.8,   432.8,   0.0);
     (481309.8, 3733202.0,   432.7,   432.7,   0.0);   (481359.8,
3733202.0,   432.7,   432.7,   0.0);
     (481409.8, 3733202.0,   432.8,   432.8,   0.0);   (481459.8,
3733202.0,   433.0,   433.0,   0.0);
     (481509.8, 3733202.0,   433.0,   433.0,   0.0);   (481559.8,
3733202.0,   433.1,   433.1,   0.0);
     (481609.8, 3733202.0,   433.1,   433.1,   0.0);   (481659.8,
3733202.0,   433.3,   433.3,   0.0);
     (479709.8, 3733252.0,   443.0,   443.0,   0.0);   (479759.8,
3733252.0,   442.7,   442.7,   0.0);
     (479809.8, 3733252.0,   442.4,   442.4,   0.0);   (479859.8,
3733252.0,   442.6,   442.6,   0.0);
     (479909.8, 3733252.0,   441.9,   441.9,   0.0);   (479959.8,
3733252.0,   440.6,   440.6,   0.0);

                                                *** DISCRETE CARTESIAN RECEPTORS ***

(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(480009.8, 3733252.0, 439.5, 439.5, 0.0); (480059.8, 3733252.0, 438.6, 438.6, 0.0);
(480109.8, 3733252.0, 438.2, 438.2, 0.0); (480159.8, 3733252.0, 437.7, 437.7, 0.0);
(480209.8, 3733252.0, 437.2, 437.2, 0.0); (480259.8, 3733252.0, 436.8, 436.8, 0.0);
(480309.8, 3733252.0, 436.6, 436.6, 0.0); (480359.8, 3733252.0, 436.4, 436.4, 0.0);
(480409.8, 3733252.0, 436.0, 436.0, 0.0); (480459.8, 3733252.0, 435.9, 435.9, 0.0);
(480509.8, 3733252.0, 435.6, 435.6, 0.0); (480559.8, 3733252.0, 435.3, 435.3, 0.0);
(480609.8, 3733252.0, 434.6, 434.6, 0.0); (480659.8, 3733252.0, 434.1, 434.1, 0.0);
(480709.8, 3733252.0, 433.7, 433.7, 0.0); (480759.8, 3733252.0, 433.3, 433.3, 0.0);
(480809.8, 3733252.0, 433.3, 433.3, 0.0); (480859.8, 3733252.0, 433.2, 433.2, 0.0);
(480909.8, 3733252.0, 433.1, 433.1, 0.0); (480959.8, 3733252.0, 433.0, 433.0, 0.0);
(481009.8, 3733252.0, 432.9, 432.9, 0.0); (481059.8, 3733252.0, 432.9, 432.9, 0.0);
(481109.8, 3733252.0, 432.8, 432.8, 0.0); (481159.8, 3733252.0, 432.8, 432.8, 0.0);
(481209.8, 3733252.0, 432.8, 432.8, 0.0); (481259.8, 3733252.0, 432.8, 432.8, 0.0);
(481309.8, 3733252.0, 432.7, 432.7, 0.0); (481359.8, 3733252.0, 432.7, 432.7, 0.0);
(481409.8, 3733252.0, 432.8, 432.8, 0.0); (481459.8, 3733252.0, 432.9, 432.9, 0.0);
(481509.8, 3733252.0, 432.9, 432.9, 0.0); (481559.8, 3733252.0, 433.0, 433.0, 0.0);
(481609.8, 3733252.0, 433.1, 433.1, 0.0); (481659.8, 3733252.0, 433.3, 433.3, 0.0);
(479709.8, 3733302.0, 442.0, 442.0, 0.0); (479759.8, 3733302.0, 441.7, 441.7, 0.0);
(479809.8, 3733302.0, 441.5, 441.5, 0.0); (479859.8, 3733302.0, 441.5, 441.5, 0.0);
(479909.8, 3733302.0, 440.9, 440.9, 0.0); (479959.8, 3733302.0, 439.8, 439.8, 0.0);
(480009.8, 3733302.0, 439.0, 439.0, 0.0); (480059.8, 3733302.0, 438.1, 438.1, 0.0);
(480109.8, 3733302.0, 437.6, 437.6, 0.0); (480159.8, 3733302.0, 437.2, 437.2, 0.0);
(480209.8, 3733302.0, 436.7, 436.7, 0.0); (480259.8, 3733302.0, 436.2, 436.2, 0.0);
(480309.8, 3733302.0, 435.9, 435.9, 0.0); (480359.8,

```
3733302.0,     435.7,     435.7,       0.0);
     ( 480409.8, 3733302.0,     435.6,     435.6,       0.0);         ( 480459.8,
3733302.0,     435.4,     435.4,       0.0);
     ( 480509.8, 3733302.0,     435.1,     435.1,       0.0);         ( 480559.8,
3733302.0,     434.9,     434.9,       0.0);
     ( 480609.8, 3733302.0,     434.4,     434.4,       0.0);         ( 480659.8,
3733302.0,     433.8,     433.8,       0.0);
     ( 480709.8, 3733302.0,     433.5,     433.5,       0.0);         ( 480759.8,
3733302.0,     433.2,     433.2,       0.0);
     ( 480809.8, 3733302.0,     433.1,     433.1,       0.0);         ( 480859.8,
3733302.0,     432.9,     432.9,       0.0);
     ( 480909.8, 3733302.0,     433.0,     433.0,       0.0);         ( 480959.8,
3733302.0,     432.8,     432.8,       0.0);
     ( 481009.8, 3733302.0,     432.8,     432.8,       0.0);         ( 481059.8,
3733302.0,     432.7,     432.7,       0.0);
     ( 481109.8, 3733302.0,     432.7,     432.7,       0.0);         ( 481159.8,
3733302.0,     432.7,     432.7,       0.0);
     ( 481209.8, 3733302.0,     432.7,     432.7,       0.0);         ( 481259.8,
3733302.0,     432.7,     432.7,       0.0);
     ( 481309.8, 3733302.0,     432.6,     432.6,       0.0);         ( 481359.8,
3733302.0,     432.6,     432.6,       0.0);
     ( 481409.8, 3733302.0,     432.7,     432.7,       0.0);         ( 481459.8,
3733302.0,     432.7,     432.7,       0.0);
     ( 481509.8, 3733302.0,     432.8,     432.8,       0.0);         ( 481559.8,
3733302.0,     432.9,     432.9,       0.0);
     ( 481609.8, 3733302.0,     433.0,     433.0,       0.0);         ( 481659.8,
3733302.0,     433.2,     433.2,       0.0);
     ( 479709.8, 3733352.0,     441.3,     441.3,       0.0);         ( 479759.8,
3733352.0,     440.7,     440.7,       0.0);
     ( 479809.8, 3733352.0,     440.6,     440.6,       0.0);         ( 479859.8,
3733352.0,     440.7,     440.7,       0.0);
     ( 479909.8, 3733352.0,     439.9,     439.9,       0.0);         ( 479959.8,
3733352.0,     439.1,     439.1,       0.0);
     ( 480009.8, 3733352.0,     438.4,     438.4,       0.0);         ( 480059.8,
3733352.0,     437.7,     437.7,       0.0);
     ( 480109.8, 3733352.0,     437.1,     437.1,       0.0);         ( 480159.8,
3733352.0,     436.6,     436.6,       0.0);
     ( 480209.8, 3733352.0,     436.2,     436.2,       0.0);         ( 480259.8,
3733352.0,     435.7,     435.7,       0.0);
     ( 480309.8, 3733352.0,     435.4,     435.4,       0.0);         ( 480359.8,
3733352.0,     435.2,     435.2,       0.0);
     ( 480409.8, 3733352.0,     435.1,     435.1,       0.0);         ( 480459.8,
3733352.0,     435.1,     435.1,       0.0);
 *** AERMOD - VERSION 22112  ***   *** Compass Operations
                           ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                          ***       17:12:53

                                    PAGE  56
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(480509.8, 3733352.0, 434.9, 434.9, 0.0); (480559.8, 3733352.0, 434.6, 434.6, 0.0);
(480609.8, 3733352.0, 434.3, 434.3, 0.0); (480659.8, 3733352.0, 433.9, 433.9, 0.0);
(480709.8, 3733352.0, 433.5, 433.5, 0.0); (480759.8, 3733352.0, 433.2, 433.2, 0.0);
(480809.8, 3733352.0, 433.1, 433.1, 0.0); (480859.8, 3733352.0, 432.9, 432.9, 0.0);
(480909.8, 3733352.0, 432.8, 432.8, 0.0); (480959.8, 3733352.0, 432.6, 432.6, 0.0);
(481009.8, 3733352.0, 432.6, 432.6, 0.0); (481059.8, 3733352.0, 432.6, 432.6, 0.0);
(481109.8, 3733352.0, 432.5, 432.5, 0.0); (481159.8, 3733352.0, 432.5, 432.5, 0.0);
(481209.8, 3733352.0, 432.5, 432.5, 0.0); (481259.8, 3733352.0, 432.6, 432.6, 0.0);
(481309.8, 3733352.0, 432.5, 432.5, 0.0); (481359.8, 3733352.0, 432.5, 432.5, 0.0);
(481409.8, 3733352.0, 432.6, 432.6, 0.0); (481459.8, 3733352.0, 432.7, 432.7, 0.0);
(481509.8, 3733352.0, 432.8, 432.8, 0.0); (481559.8, 3733352.0, 432.9, 432.9, 0.0);
(481609.8, 3733352.0, 433.0, 433.0, 0.0); (481659.8, 3733352.0, 433.3, 433.3, 0.0);
(479709.8, 3733402.0, 440.4, 440.4, 0.0); (479759.8, 3733402.0, 439.8, 439.8, 0.0);
(479809.8, 3733402.0, 439.6, 439.6, 0.0); (479859.8, 3733402.0, 439.6, 439.6, 0.0);
(479909.8, 3733402.0, 438.9, 438.9, 0.0); (479959.8, 3733402.0, 438.2, 438.2, 0.0);
(480009.8, 3733402.0, 437.7, 437.7, 0.0); (480059.8, 3733402.0, 437.1, 437.1, 0.0);
(480109.8, 3733402.0, 436.5, 436.5, 0.0); (480159.8, 3733402.0, 436.0, 436.0, 0.0);
(480209.8, 3733402.0, 435.5, 435.5, 0.0); (480259.8, 3733402.0, 435.1, 435.1, 0.0);
(480309.8, 3733402.0, 434.7, 434.7, 0.0); (480359.8, 3733402.0, 434.7, 434.7, 0.0);
(480409.8, 3733402.0, 434.7, 434.7, 0.0); (480459.8, 3733402.0, 434.6, 434.6, 0.0);
(480509.8, 3733402.0, 434.5, 434.5, 0.0); (480559.8, 3733402.0, 434.3, 434.3, 0.0);
(480609.8, 3733402.0, 434.2, 434.2, 0.0); (480659.8, 3733402.0, 433.9, 433.9, 0.0);
(480709.8, 3733402.0, 433.5, 433.5, 0.0); (480759.8,

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3733402.0,     433.1,     433.1,       0.0);
     ( 480809.8, 3733402.0,     433.0,     433.0,       0.0);         ( 480859.8,
3733402.0,     433.2,     433.2,       0.0);
     ( 480909.8, 3733402.0,     432.7,     432.7,       0.0);         ( 480959.8,
3733402.0,     432.5,     432.5,       0.0);
     ( 481009.8, 3733402.0,     432.5,     432.5,       0.0);         ( 481059.8,
3733402.0,     432.5,     432.5,       0.0);
     ( 481109.8, 3733402.0,     432.4,     432.4,       0.0);         ( 481159.8,
3733402.0,     432.4,     432.4,       0.0);
     ( 481209.8, 3733402.0,     432.4,     432.4,       0.0);         ( 481259.8,
3733402.0,     432.7,     432.7,       0.0);
     ( 481309.8, 3733402.0,     432.4,     432.4,       0.0);         ( 481359.8,
3733402.0,     432.5,     432.5,       0.0);
     ( 481409.8, 3733402.0,     432.5,     432.5,       0.0);         ( 481459.8,
3733402.0,     432.6,     432.6,       0.0);
     ( 481509.8, 3733402.0,     432.7,     432.7,       0.0);         ( 481559.8,
3733402.0,     432.9,     432.9,       0.0);
     ( 481609.8, 3733402.0,     433.1,     433.1,       0.0);         ( 481659.8,
3733402.0,     433.3,     433.3,       0.0);
     ( 479709.8, 3733452.0,     439.4,     439.4,       0.0);         ( 479759.8,
3733452.0,     438.9,     438.9,       0.0);
     ( 479809.8, 3733452.0,     438.6,     438.6,       0.0);         ( 479859.8,
3733452.0,     438.3,     438.3,       0.0);
     ( 479909.8, 3733452.0,     437.9,     437.9,       0.0);         ( 479959.8,
3733452.0,     437.4,     437.4,       0.0);
     ( 480009.8, 3733452.0,     436.9,     436.9,       0.0);         ( 480059.8,
3733452.0,     436.5,     436.5,       0.0);
     ( 480109.8, 3733452.0,     435.9,     435.9,       0.0);         ( 480159.8,
3733452.0,     435.4,     435.4,       0.0);
     ( 480209.8, 3733452.0,     434.9,     434.9,       0.0);         ( 480259.8,
3733452.0,     434.6,     434.6,       0.0);
     ( 480309.8, 3733452.0,     434.2,     434.2,       0.0);         ( 480359.8,
3733452.0,     434.2,     434.2,       0.0);
     ( 480409.8, 3733452.0,     434.3,     434.3,       0.0);         ( 480459.8,
3733452.0,     434.2,     434.2,       0.0);
     ( 480509.8, 3733452.0,     434.1,     434.1,       0.0);         ( 480559.8,
3733452.0,     433.9,     433.9,       0.0);
     ( 480609.8, 3733452.0,     433.7,     433.7,       0.0);         ( 480659.8,
3733452.0,     433.5,     433.5,       0.0);
     ( 480709.8, 3733452.0,     433.3,     433.3,       0.0);         ( 480759.8,
3733452.0,     433.1,     433.1,       0.0);
     ( 480809.8, 3733452.0,     433.0,     433.0,       0.0);         ( 480859.8,
3733452.0,     433.1,     433.1,       0.0);
     ( 480909.8, 3733452.0,     432.5,     432.5,       0.0);         ( 480959.8,
3733452.0,     432.4,     432.4,       0.0);
 *** AERMOD - VERSION 22112  ***   *** Compass Operations
                           ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
                          ***        17:12:53
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(481009.8, 3733452.0, 432.4, 432.4, 0.0); (481059.8, 3733452.0, 432.4, 432.4, 0.0);
(481109.8, 3733452.0, 432.4, 432.4, 0.0); (481159.8, 3733452.0, 432.4, 432.4, 0.0);
(481209.8, 3733452.0, 432.3, 432.3, 0.0); (481259.8, 3733452.0, 432.6, 432.6, 0.0);
(481309.8, 3733452.0, 432.5, 432.5, 0.0); (481359.8, 3733452.0, 432.5, 432.5, 0.0);
(481409.8, 3733452.0, 432.5, 432.5, 0.0); (481459.8, 3733452.0, 432.6, 432.6, 0.0);
(481509.8, 3733452.0, 432.8, 432.8, 0.0); (481559.8, 3733452.0, 432.9, 432.9, 0.0);
(481609.8, 3733452.0, 433.0, 433.0, 0.0); (481659.8, 3733452.0, 433.2, 433.2, 0.0);
(479709.8, 3733502.0, 438.3, 438.3, 0.0); (479759.8, 3733502.0, 438.0, 438.0, 0.0);
(479809.8, 3733502.0, 437.7, 437.7, 0.0); (479859.8, 3733502.0, 437.4, 437.4, 0.0);
(479909.8, 3733502.0, 437.1, 437.1, 0.0); (479959.8, 3733502.0, 436.7, 436.7, 0.0);
(480009.8, 3733502.0, 436.1, 436.1, 0.0); (480059.8, 3733502.0, 435.7, 435.7, 0.0);
(480109.8, 3733502.0, 435.3, 435.3, 0.0); (480159.8, 3733502.0, 434.7, 434.7, 0.0);
(480209.8, 3733502.0, 434.3, 434.3, 0.0); (480259.8, 3733502.0, 434.1, 434.1, 0.0);
(480309.8, 3733502.0, 433.8, 433.8, 0.0); (480359.8, 3733502.0, 433.9, 433.9, 0.0);
(480409.8, 3733502.0, 434.0, 434.0, 0.0); (480459.8, 3733502.0, 433.9, 433.9, 0.0);
(480509.8, 3733502.0, 433.8, 433.8, 0.0); (480559.8, 3733502.0, 433.6, 433.6, 0.0);
(480609.8, 3733502.0, 433.5, 433.5, 0.0); (480659.8, 3733502.0, 433.4, 433.4, 0.0);
(480709.8, 3733502.0, 433.1, 433.1, 0.0); (480759.8, 3733502.0, 433.0, 433.0, 0.0);
(480809.8, 3733502.0, 432.7, 432.7, 0.0); (480859.8, 3733502.0, 433.1, 433.1, 0.0);
(480909.8, 3733502.0, 432.4, 432.4, 0.0); (480959.8, 3733502.0, 432.3, 432.3, 0.0);
(481009.8, 3733502.0, 432.4, 432.4, 0.0); (481059.8, 3733502.0, 432.3, 432.3, 0.0);
(481109.8, 3733502.0, 432.4, 432.4, 0.0); (481159.8,

```
3733502.0,     432.4,     432.4,       0.0);
     ( 481209.8, 3733502.0,     432.4,     432.4,       0.0);         ( 481259.8,
3733502.0,     432.4,     432.4,       0.0);
     ( 481309.8, 3733502.0,     432.5,     432.5,       0.0);         ( 481359.8,
3733502.0,     432.6,     432.6,       0.0);
     ( 481409.8, 3733502.0,     432.6,     432.6,       0.0);         ( 481459.8,
3733502.0,     432.7,     432.7,       0.0);
     ( 481509.8, 3733502.0,     432.8,     432.8,       0.0);         ( 481559.8,
3733502.0,     432.9,     432.9,       0.0);
     ( 481609.8, 3733502.0,     433.0,     433.0,       0.0);         ( 481659.8,
3733502.0,     433.3,     433.3,       0.0);
     ( 479709.8, 3733552.0,     437.4,     437.4,       0.0);         ( 479759.8,
3733552.0,     437.2,     437.2,       0.0);
     ( 479809.8, 3733552.0,     436.8,     436.8,       0.0);         ( 479859.8,
3733552.0,     436.5,     436.5,       0.0);
     ( 479909.8, 3733552.0,     436.4,     436.4,       0.0);         ( 479959.8,
3733552.0,     436.0,     436.0,       0.0);
     ( 480009.8, 3733552.0,     435.4,     435.4,       0.0);         ( 480059.8,
3733552.0,     434.9,     434.9,       0.0);
     ( 480109.8, 3733552.0,     434.5,     434.5,       0.0);         ( 480159.8,
3733552.0,     433.9,     433.9,       0.0);
     ( 480209.8, 3733552.0,     433.7,     433.7,       0.0);         ( 480259.8,
3733552.0,     433.6,     433.6,       0.0);
     ( 480309.8, 3733552.0,     433.5,     433.5,       0.0);         ( 480359.8,
3733552.0,     433.5,     433.5,       0.0);
     ( 480409.8, 3733552.0,     433.6,     433.6,       0.0);         ( 480459.8,
3733552.0,     433.5,     433.5,       0.0);
     ( 480509.8, 3733552.0,     433.5,     433.5,       0.0);         ( 480559.8,
3733552.0,     433.4,     433.4,       0.0);
     ( 480609.8, 3733552.0,     433.3,     433.3,       0.0);         ( 480659.8,
3733552.0,     433.1,     433.1,       0.0);
     ( 480709.8, 3733552.0,     433.1,     433.1,       0.0);         ( 480759.8,
3733552.0,     433.2,     433.2,       0.0);
     ( 480809.8, 3733552.0,     432.5,     432.5,       0.0);         ( 480859.8,
3733552.0,     432.8,     432.8,       0.0);
     ( 480909.8, 3733552.0,     432.4,     432.4,       0.0);         ( 480959.8,
3733552.0,     432.3,     432.3,       0.0);
     ( 481009.8, 3733552.0,     432.3,     432.3,       0.0);         ( 481059.8,
3733552.0,     432.3,     432.3,       0.0);
     ( 481109.8, 3733552.0,     432.3,     432.3,       0.0);         ( 481159.8,
3733552.0,     432.3,     432.3,       0.0);
     ( 481209.8, 3733552.0,     432.3,     432.3,       0.0);         ( 481259.8,
3733552.0,     432.4,     432.4,       0.0);
     ( 481309.8, 3733552.0,     432.4,     432.4,       0.0);         ( 481359.8,
3733552.0,     432.6,     432.6,       0.0);
     ( 481409.8, 3733552.0,     432.6,     432.6,       0.0);         ( 481459.8,
3733552.0,     432.7,     432.7,       0.0);
 *** AERMOD - VERSION 22112  ***   *** Compass Operations
                           ***        03/08/24
 *** AERMET - VERSION  16216 ***   ***
```

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(481509.8, 3733552.0, 433.1, 433.1, 0.0); (481559.8, 3733552.0, 433.1, 433.1, 0.0);
(481609.8, 3733552.0, 433.2, 433.2, 0.0); (481659.8, 3733552.0, 433.4, 433.4, 0.0);
(479709.8, 3733602.0, 436.7, 436.7, 0.0); (479759.8, 3733602.0, 436.4, 436.4, 0.0);
(479809.8, 3733602.0, 436.2, 436.2, 0.0); (479859.8, 3733602.0, 435.7, 435.7, 0.0);
(479909.8, 3733602.0, 435.5, 435.5, 0.0); (479959.8, 3733602.0, 435.1, 435.1, 0.0);
(480009.8, 3733602.0, 434.6, 434.6, 0.0); (480059.8, 3733602.0, 434.1, 434.1, 0.0);
(480109.8, 3733602.0, 433.9, 433.9, 0.0); (480159.8, 3733602.0, 433.6, 433.6, 0.0);
(480209.8, 3733602.0, 433.4, 433.4, 0.0); (480259.8, 3733602.0, 433.4, 433.4, 0.0);
(480309.8, 3733602.0, 433.2, 433.2, 0.0); (480359.8, 3733602.0, 433.2, 433.2, 0.0);
(480409.8, 3733602.0, 433.2, 433.2, 0.0); (480459.8, 3733602.0, 433.1, 433.1, 0.0);
(480509.8, 3733602.0, 433.2, 433.2, 0.0); (480559.8, 3733602.0, 433.2, 433.2, 0.0);
(480609.8, 3733602.0, 433.0, 433.0, 0.0); (480659.8, 3733602.0, 432.8, 432.8, 0.0);
(480709.8, 3733602.0, 432.6, 432.6, 0.0); (480759.8, 3733602.0, 432.4, 432.4, 0.0);
(480809.8, 3733602.0, 432.2, 432.2, 0.0); (480859.8, 3733602.0, 432.3, 432.3, 0.0);
(480909.8, 3733602.0, 432.3, 432.3, 0.0); (480959.8, 3733602.0, 432.2, 432.2, 0.0);
(481009.8, 3733602.0, 432.2, 432.2, 0.0); (481059.8, 3733602.0, 432.2, 432.2, 0.0);
(481109.8, 3733602.0, 432.2, 432.2, 0.0); (481159.8, 3733602.0, 432.2, 432.2, 0.0);
(481209.8, 3733602.0, 432.2, 432.2, 0.0); (481259.8, 3733602.0, 432.3, 432.3, 0.0);
(481309.8, 3733602.0, 432.4, 432.4, 0.0); (481359.8, 3733602.0, 432.6, 432.6, 0.0);
(481409.8, 3733602.0, 432.6, 432.6, 0.0); (481459.8, 3733602.0, 432.7, 432.7, 0.0);
(481509.8, 3733602.0, 433.2, 433.2, 0.0); (481559.8,

3733602.0,   433.2,   433.2,   0.0);
     (481609.8, 3733602.0,   433.2,   433.2,   0.0);   (481659.8,
3733602.0,   433.3,   433.3,   0.0);
     (479709.8, 3733652.0,   436.2,   436.2,   0.0);   (479759.8,
3733652.0,   435.9,   435.9,   0.0);
     (479809.8, 3733652.0,   435.6,   435.6,   0.0);   (479859.8,
3733652.0,   435.2,   435.2,   0.0);
     (479909.8, 3733652.0,   434.8,   434.8,   0.0);   (479959.8,
3733652.0,   434.4,   434.4,   0.0);
     (480009.8, 3733652.0,   434.0,   434.0,   0.0);   (480059.8,
3733652.0,   433.7,   433.7,   0.0);
     (480109.8, 3733652.0,   433.6,   433.6,   0.0);   (480159.8,
3733652.0,   433.4,   433.4,   0.0);
     (480209.8, 3733652.0,   433.3,   433.3,   0.0);   (480259.8,
3733652.0,   433.2,   433.2,   0.0);
     (480309.8, 3733652.0,   433.0,   433.0,   0.0);   (480359.8,
3733652.0,   433.1,   433.1,   0.0);
     (480409.8, 3733652.0,   433.0,   433.0,   0.0);   (480459.8,
3733652.0,   432.9,   432.9,   0.0);
     (480509.8, 3733652.0,   433.0,   433.0,   0.0);   (480559.8,
3733652.0,   433.0,   433.0,   0.0);
     (480609.8, 3733652.0,   432.9,   432.9,   0.0);   (480659.8,
3733652.0,   432.7,   432.7,   0.0);
     (480709.8, 3733652.0,   432.5,   432.5,   0.0);   (480759.8,
3733652.0,   432.4,   432.4,   0.0);
     (480809.8, 3733652.0,   432.3,   432.3,   0.0);   (480859.8,
3733652.0,   432.3,   432.3,   0.0);
     (480909.8, 3733652.0,   432.2,   432.2,   0.0);   (480959.8,
3733652.0,   432.2,   432.2,   0.0);
     (481009.8, 3733652.0,   432.2,   432.2,   0.0);   (481059.8,
3733652.0,   432.2,   432.2,   0.0);
     (481109.8, 3733652.0,   432.2,   432.2,   0.0);   (481159.8,
3733652.0,   432.2,   432.2,   0.0);
     (481209.8, 3733652.0,   432.3,   432.3,   0.0);   (481259.8,
3733652.0,   432.4,   432.4,   0.0);
     (481309.8, 3733652.0,   432.6,   432.6,   0.0);   (481359.8,
3733652.0,   432.6,   432.6,   0.0);
     (481409.8, 3733652.0,   432.6,   432.6,   0.0);   (481459.8,
3733652.0,   432.7,   432.7,   0.0);
     (481509.8, 3733652.0,   433.1,   433.1,   0.0);   (481559.8,
3733652.0,   433.1,   433.1,   0.0);
     (481609.8, 3733652.0,   433.0,   433.0,   0.0);   (481659.8,
3733652.0,   433.2,   433.2,   0.0);
     (482081.9, 3733705.6,   434.1,   434.1,   0.0);   (482131.9,
3733705.6,   434.4,   434.4,   0.0);
     (482181.9, 3733705.6,   434.9,   434.9,   0.0);   (482231.9,
3733705.6,   435.6,   435.6,   0.0);
     (482281.9, 3733705.6,   436.5,   436.5,   0.0);   (482331.9,
3733705.6,   437.7,   438.6,   0.0);

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(482081.9, 3733755.6, 433.9, 433.9, 0.0); (482131.9, 3733755.6, 434.0, 434.0, 0.0);
(482181.9, 3733755.6, 434.6, 434.6, 0.0); (482231.9, 3733755.6, 434.8, 434.8, 0.0);
(482281.9, 3733755.6, 434.8, 434.8, 0.0); (482331.9, 3733755.6, 434.5, 434.5, 0.0);
(482081.9, 3733805.6, 434.3, 434.3, 0.0); (482131.9, 3733805.6, 434.4, 434.4, 0.0);
(482181.9, 3733805.6, 434.4, 434.4, 0.0); (482231.9, 3733805.6, 434.4, 434.4, 0.0);
(482281.9, 3733805.6, 434.7, 434.7, 0.0); (482331.9, 3733805.6, 434.8, 434.8, 0.0);
(482081.9, 3733855.6, 434.4, 434.4, 0.0); (482131.9, 3733855.6, 434.7, 434.7, 0.0);
(482181.9, 3733855.6, 434.6, 434.6, 0.0); (482231.9, 3733855.6, 434.0, 434.0, 0.0);
(482281.9, 3733855.6, 434.3, 434.3, 0.0); (482331.9, 3733855.6, 434.6, 434.6, 0.0);
(482269.5, 3733479.8, 434.1, 434.1, 0.0); (482319.5, 3733479.8, 434.3, 434.3, 0.0);
(482369.5, 3733479.8, 434.5, 434.5, 0.0); (482269.5, 3733529.8, 434.1, 434.1, 0.0);
(482319.5, 3733529.8, 434.6, 434.6, 0.0); (482369.5, 3733529.8, 435.4, 435.4, 0.0);
(482269.5, 3733579.8, 434.0, 434.0, 0.0); (482319.5, 3733579.8, 434.6, 434.6, 0.0);
(482369.5, 3733579.8, 436.9, 436.9, 0.0); (482269.5, 3733629.8, 435.2, 435.2, 0.0);
(482319.5, 3733629.8, 436.6, 438.8, 0.0); (482369.5, 3733629.8, 438.5, 438.5, 0.0);
(479489.6, 3733099.5, 446.7, 683.6, 0.0); (479519.6, 3733099.5, 446.6, 683.6, 0.0);
(479549.6, 3733099.5, 446.4, 683.6, 0.0); (479489.6, 3733129.5, 446.1, 683.6, 0.0);
(479519.6, 3733129.5, 446.1, 683.6, 0.0); (479549.6, 3733129.5, 445.9, 683.6, 0.0);
(479489.6, 3733159.5, 445.4, 683.6, 0.0); (479519.6, 3733159.5, 445.4, 683.6, 0.0);
(479549.6, 3733159.5, 445.4, 683.6, 0.0);

*** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***

(1=YES; 0=NO)

```
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1
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NOTE: METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON WHAT IS INCLUDED IN THE DATA FILE.

*** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED CATEGORIES ***

(METERS/SEC)

1.54, 3.09, 5.14, 8.23, 10.80,

*** Message Summary : AERMOD Model Execution ***

```
 --------- Summary of Total Messages --------

A Total of            0 Fatal Error Message(s)
A Total of            8 Warning Message(s)
A Total of            0 Informational Message(s)


   ******** FATAL ERROR MESSAGES ********
              ***  NONE  ***


   ********   WARNING MESSAGES   ********
SO W320    1080        PPARM: Input Parameter May Be Out-of-Range for Parameter
      VS
SO W320    1081        PPARM: Input Parameter May Be Out-of-Range for Parameter
      VS
SO W320    1082        PPARM: Input Parameter May Be Out-of-Range for Parameter
      VS
SO W320    1083        PPARM: Input Parameter May Be Out-of-Range for Parameter
      VS
SO W320    1084        PPARM: Input Parameter May Be Out-of-Range for Parameter
      VS
SO W320    1085        PPARM: Input Parameter May Be Out-of-Range for Parameter
      VS
ME W186    1524       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
    0.50
ME W187    1524       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET


   ***********************************
   *** AERMOD Finishes Successfully ***
   ***********************************
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