

**Draft**  
**Environmental Impact Report**  
SCH# 2021020513

**Volume 3**  
**Technical Appendix C**

**Aratina Solar Project**  
**by 64NB 8ME LLC**

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Zone Change Case No. 6, Map No. 192  
Zone Change Case No. 3, Map No. 208-5  
Zone Change Case No. 6, Map No. 208-6  
Zone Change Case No. 1, Map No. 209-1  
Conditional Use Permit No. 3, Map No. 208-5  
Conditional Use Permit No. 7, Map No. 208-6  
Conditional Use Permit No. 1, Map No. 209-1  
Conditional Use Permit No. 1, Map No. 209-2  
Conditional Use Permit No. 16, Map No. 192  
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General Plan Amendment No. 6, Map No. 192 (Circulation)  
General Plan Amendment No. 2, Map No. 192-35 (Circulation)  
General Plan Amendment No. 3, Map No. 208-5 (Circulation)  
General Plan Amendment No. 3, Map No. 208-6 (Circulation)  
General Plan Amendment No. 1, Map No. 209-1 (Circulation)  
General Plan Amendment No. 1, Map No. 209-2 (Circulation)



Kern County  
Planning and Natural Resources Department  
Bakersfield, California

May 2021

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May 2021

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## **Appendix C**

# **Air Quality and Greenhouse Gas Emissions Documentation**

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- C-1 Air Quality and Greenhouse Gas Study
- C-2 Amicus Curiae Brief, Friant Ranch, SJVUAPCD
- C-3 Amicus Curiae Brief, Friant Ranch, SCAQMD
- C-4 Homeowners Guide to Controlling Windblown Sand and Dust

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*Appendix C-1*  
*Air Quality and Greenhouse Gas Study*

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**Date:** March 2021  
**To:** Kern County Planning Department  
**Project:** Aratina Solar Project  
**From:** David Daitch, Ph.D., Principal  
**Subject:** Addendum to December 2020 Air Quality and Greenhouse Gas Study

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64NB 8ME LLC has recently submitted to the Kern County Planning Department a revised project footprint associated with the Conditional Use Permit (CUP) application. This revision to the Aratina Solar Project reduces the project's proposed footprint from approximately 2,700 acres to approximately 2,300 acres. One consequence of the revised footprint is an increased setback from the nearby communities of Boron and Desert Lake. Attached for reference is a figure illustrating the previous and current proposed project footprint.

This Addendum to the December 2020 Air Quality and Greenhouse Gas Study for the Aratina Solar Project has been prepared to document the above-described change in project footprint and to additionally document that the recent change in project footprint does not change the findings of the December 2020 Air Quality and Greenhouse Gas Study, as described below.

### **Potential Impacts**

The December 2020 Air Quality and Greenhouse Gas Study describes impacts associated with the Aratina Solar Project, which included up to 600 megawatts (MW) of alternating current (AC) photovoltaic (PV) solar energy. The revised footprint from approximately 2,700 acres to approximately 2,300 acres reduces the generating capacity of the proposed project by approximately 70 MW. The

December 2020 Air Quality and Greenhouse Gas Study indicated that construction of the proposed project would last for 15 months and would generate air pollutant emissions from entrained dust, off-road equipment use, vehicle emissions, and architectural coatings. The Study also found that while construction at each of the five project sites would not exceed thresholds for criteria pollutants, concurrent construction at all project sites would exceed emission thresholds in the second year of construction for fugitive dust emissions in the form of PM<sub>10</sub>. The exceedance of the PM<sub>10</sub> threshold is largely due to worker vehicle trips, which is estimated to include up to 1,000 worker roundtrips per day during peak construction periods. Because construction of the proposed project would disturb over 10 contiguous acres of surface area, Recommendation AQ-1 would be implemented. Because the exceedance of the PM<sub>10</sub> threshold is largely due to worker vehicle trips, Recommendation AQ-3 would be implemented. The December 2020 Air Quality and Greenhouse Gas Study found that project decommissioning would not generate emissions exceeding established applicable thresholds, and proposed project operation would not exceed thresholds for any criteria pollutant.

The December 2020 Air Quality and Greenhouse Gas Study also evaluated the carcinogenic and chronic health risks associated with construction and decommissioning at each project site. The Study found that excess cancer risk and chronic risk from the proposed project would not exceed the risk criteria for any of the individual project sites, nor would excess cancer risk and chronic risk exceed the risk criteria even if construction occurred at all project sites simultaneously. The December 2020 Air Quality and Greenhouse Gas Study also found that because limited diesel-powered equipment would be in use during operational activities and the estimated PM<sub>10</sub> emissions related to exhaust emissions are minimal, health impacts from operational activities would be less than significant.

Construction activities for the proposed project would include ground-disturbing activities. The December 2020 Air Quality and Greenhouse Gas Study found that these ground-disturbing activities could result in an increased potential for exposure of nearby residents and on-site workers to airborne spores that can cause Valley Fever. Recommendation AQ-2 would be implemented.

The proposed project would generate greenhouse gas (GHG) emissions directly and indirectly during construction, routine operational and maintenance activities, and decommissioning. The December 2020 Air Quality and Greenhouse Gas Study found that the project would be consistent with state GHG reduction plans and would result in an overall lifetime reduction of GHG emissions, making the project regionally beneficial.

The 15-percent reduction in project footprint associated with the proposed project would result in a 15-percent reduction of land disturbed during construction, and a potentially commensurate reduction of criteria pollutant emissions and toxic air contaminant (i.e. diesel particulate matter) emissions generated during construction.

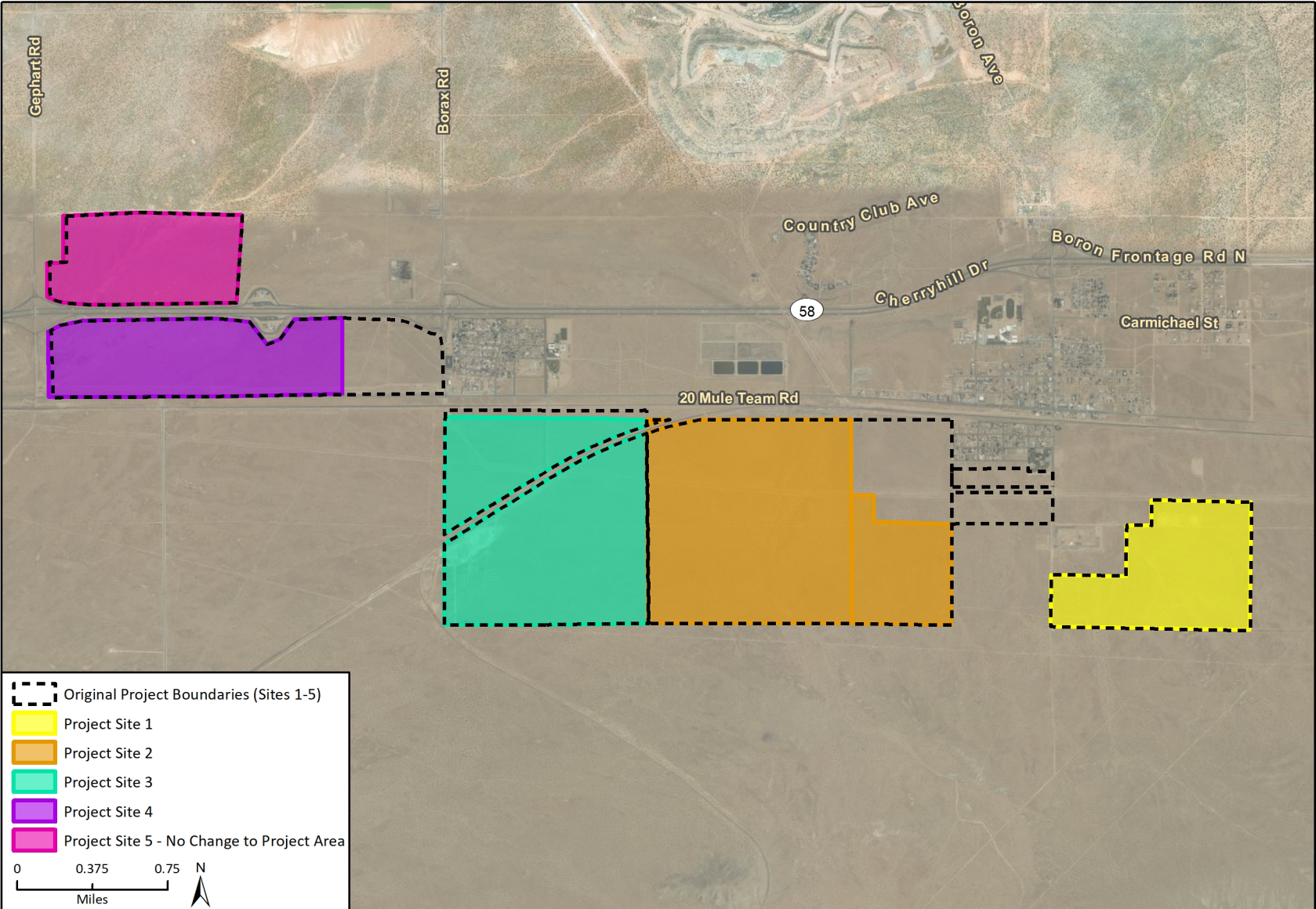
### **Proposed Recommended Measures**

The December 2020 Air Quality and Greenhouse Gas Study recommended three measures to reduce fugitive emissions from project construction. Recommendation AQ-1, Further Reduction of PM<sub>10</sub> Emissions during Construction, Decommissioning, and Operation, and Maintenance, requires compliance with EKAPCD rules and regulations, including Rule 201 (Permits Required) and Rule 402 (Fugitive Dust). Recommendation AQ-2, Minimize Personnel and Public Exposure to Valley Fever, requires the inclusion of additional control measures within the Fugitive Dust Control Plan to minimize personnel and public exposure to Valley Fever. Recommendation AQ-3, Worker Trip Reduction, would

restrict worker roundtrips to 250 per day per construction activity. No change to the proposed recommended measures is recommended as a result of the reduced project footprint.

## **Conclusion**

The revised footprint submitted by 64NB 8ME LLC to the Kern County Planning Department for the Aratina Solar Project would reduce the proposed project footprint by approximately 400 acres, which would shift the project footprint associated with Project Sites 1, 2, 3, and 4 away from the communities of Boron and Desert Lake. The revised footprint does not change the existing conditions, the impacts analysis, or the proposed mitigation in any way. As such, the December 2020 Air Quality and Greenhouse Gas Study prepared for the Aratina Solar Project represents the worst-case potential impacts related to air quality and GHG emissions for the proposed project and no additional analysis is required.





## Aratina Solar Project

### Air Quality and Greenhouse Gas Study

*prepared by*

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**February 2021**



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Appendix TR	Traffic Analysis Data
Appendix Model	AERMOD Output Files and GLC Files



# 1 Project Description

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## 1.1 Introduction

This study analyzes the air quality, greenhouse gas (GHG) emissions, and potential health risk impacts of the proposed Aratina Solar Project (project) located at the western edge of Mojave Desert near the communities of Desert Lake and Boron in Kern County, California. Rincon Consultants, Inc. (Rincon) prepared this study under contract to 8minute Solar Energy, LLC for use by Kern County. The purpose of this study is to analyze the project's air quality, GHG, and health risk impacts related to both temporary construction activity and long-term operation of the project.

## 1.2 Project Site and Description

The project site is located in unincorporated Kern County near the communities of Boron and Desert Lake. This site is a relatively flat desert landscape south of the existing U.S. Borax mine in Boron, with the Sierra Nevada Mountains located approximately 28 miles to the northwest. The project area straddles State Route 58, between Gephart Road on the west and San Bernardino County line on the east. The project site consists of five separate project sites on 27 assessor's parcels (hereafter referred to as Project Sites #1 through #5) that total approximately 2,700 gross acres. The permanent disturbance acreage associated with development of the solar facility and associated infrastructure (Project Site) within the Project Areas would be less than the gross acreage of the Project Area. Table 1 shows acreage by project site. Figure 1 and Figure 2 show the regional location and immediate vicinity of the project site, respectively.

**Table 1 Project Site Acreage**

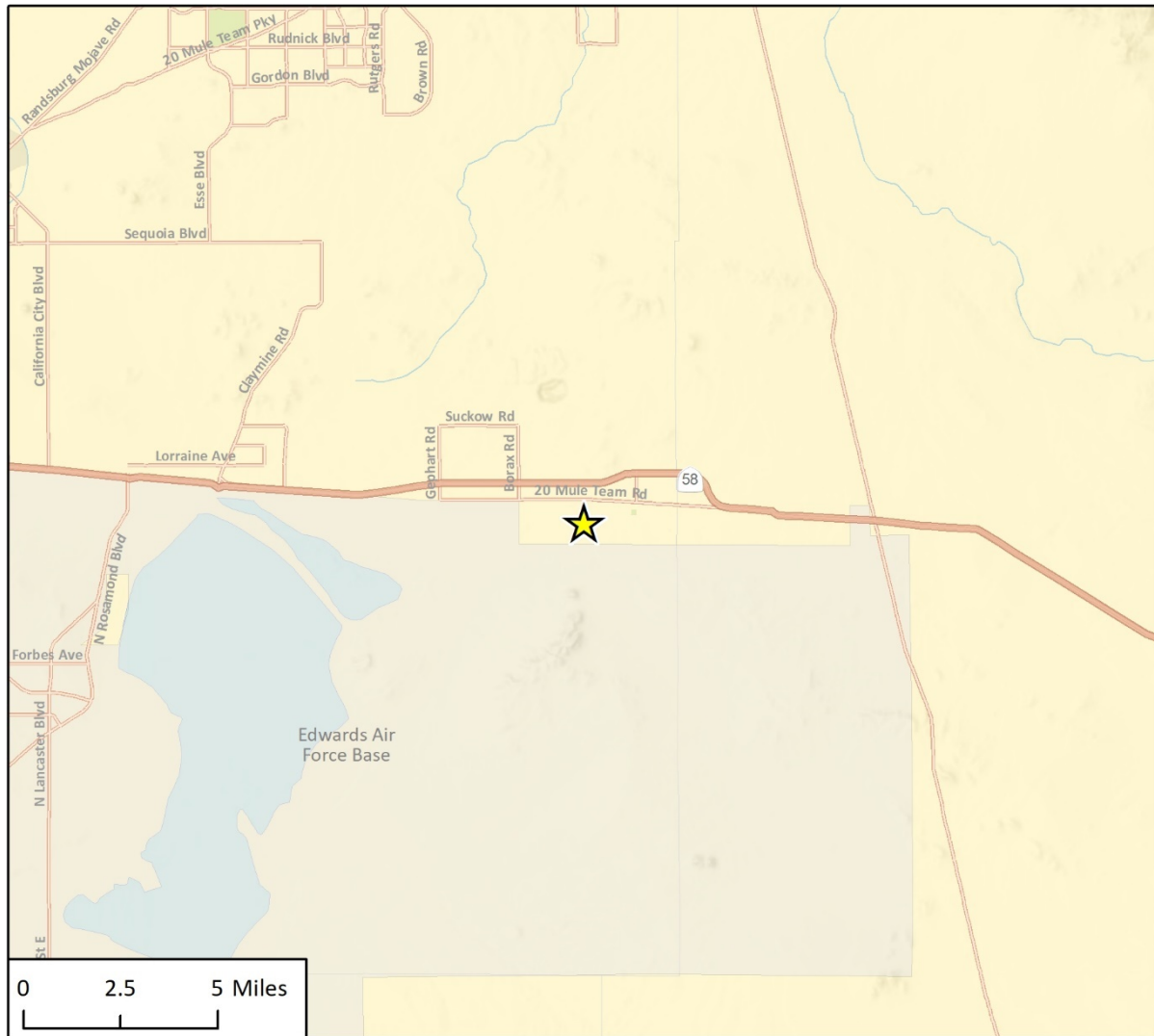
Project Site	Acreage	Percent of Overall Acreage
Project Site #1	372.6	14.0%
Project Site #2	957.3	35.9%
Project Site #3	646.0	24.2%
Project Site #4	442.3	16.6%
Project Site #5	249	9.3%
<b>Total</b>	<b>2,667.1</b>	<b>100.0%</b>

The following project description is abbreviated, focusing on elements of the solar facility that are most relevant for the air quality and GHG analysis. On the five project sites, the project would use solar photovoltaic (PV) panels or modules on mounting frameworks to convert sunlight directly into electricity. The solar array fields would be arranged in groups called "blocks," with inverter stations generally located centrally within the blocks. Each project site may also include an operations and maintenance (O&M) building, substations, energy storage systems (ESSs), and/or transmission facilities, as necessary. In addition to the project sites, the project would include a gen-tie corridor to deliver power from one or more on-site substations or switchyards at the solar facility to the electrical grid. This corridor would run to the SCE Holgate Substation via up to 230 kV overhead and/or underground

8minuteenergy, LLC.  
**Aratina Solar Project**

electrical transmissions lines. Alternatively, the project may transmit power to Kramer Substation located in San Bernardino via a transmission line in an Edwards Air Force Base utility corridor.

Figure 1 Regional Location



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★ Project Location      N

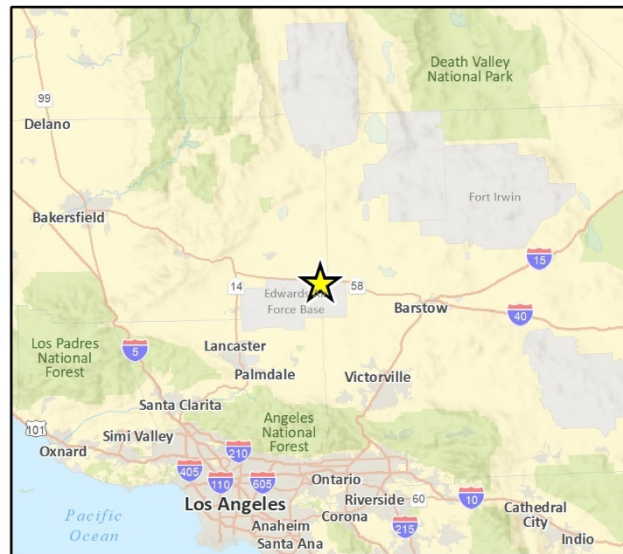
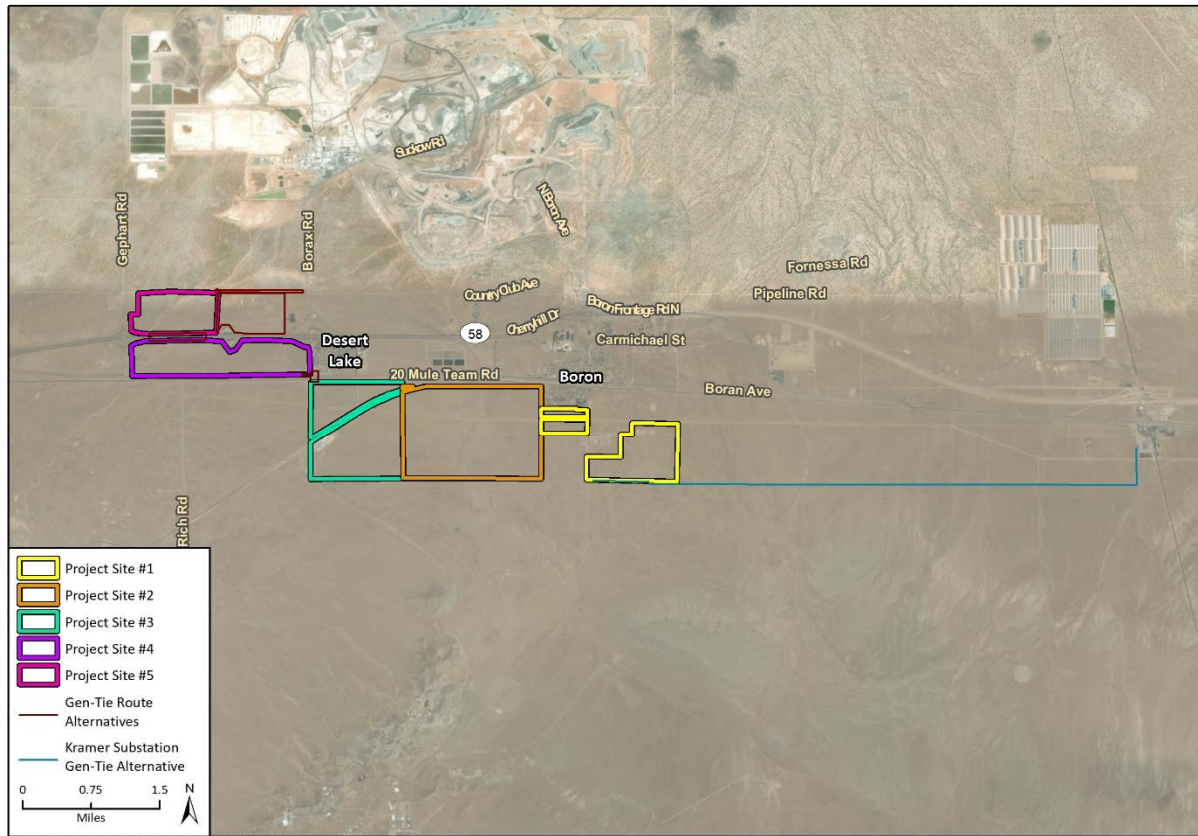


Fig. X Regional Location

Figure 2 Project Location



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Fig. 2 Project Location

## 1.3 Construction Activities

Construction of all project components would occur over approximately 12 to 18 months beginning as early as the fourth quarter of 2021 (i.e., October 1, 2021). Construction of the project would include the following types of activities<sup>1</sup>:

- Site preparation
- Grading and earthwork
- Concrete foundations
- Structural steel work
- Electrical/instrumentation work
- Collector line installation

---

<sup>1</sup> This list of types of construction activities is not all inclusive of the various activities that will be conducted during each phase of construction and is provided as an example of some of the work that will be conducted. For example, Phase 1 would include activities such as site preparation, grading and earth work; Phase 2 would include activities such as concrete foundations; Phase 3 would include activities such as trenching and collector line installation; Phase 4 would include activities such as structural steel work; Phase 5 would include activities such as electrical/instrumentation work. Additional activities not listed above such as material delivery would also occur during various phases of construction. As such, this list of types of construction activities is presented without respect to the construction schedule shown in Table 2.

- Architecture and landscaping

Each project site that comprises Aratina may be constructed simultaneously and phases of construction would overlap.

Table 2 shows the assumed construction schedule, number of workdays, and overlapping phases that were used in the following analysis.

**Table 2 Overall Project Construction Schedule**

Phase	Work Days	Month															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
Phase 1: Site preparation & Grading	86	■	■	■	■	■											
Phase 2: Tracker Foundations (Piles)	150		■	■	■	■	■	■	■	■	■						
Phase 3: Underground Cabling	150			■	■	■	■	■	■	■	■	■					
Phase 4: Mechanical Installation	175				■	■	■	■	■	■	■	■	■	■	■		
Phase 5: Electrical Installation	200									■	■	■	■	■	■	■	■

Note: Construction schedule assumptions are based on Eland 1 Solar Project, where number of days per phase were scaled up based on increase in acreage and solar capacity of Aratina. Construction schedule of 15 months is the average time estimated by the applicant for the construction period (i.e., 12 to 18 months).

Construction traffic would access the project site locally from Gephart Road, Del Oro Street, Boron Avenue, and 20 Mule Team Road. It is estimated that up to 1,000 workers per day (during peak construction periods) would be required during the construction of the project. On-road traffic would consist of employee and vendor vehicle trips. The number of vehicle trips would vary by month depending on the construction activities.

Heavy construction is expected to occur between 6:00 a.m. and 5:00 p.m., Monday through Friday. Additional hours may be necessary to make-up schedule deficiencies or to complete critical construction activities. Some activities may continue 24 hours per day, seven days per week. Nighttime activities could include, but are not limited to, equipment refueling, staging material for the following day’s construction activities, quality assurance/control, and commissioning.

Materials and supplies would be delivered to the project site by truck. Truck deliveries would normally occur during daylight hours. However, there could be offloading and/or transporting of materials to the project site on weekends and during evening hours.

Earthmoving activities are expected to be limited to the construction of access roads, O&M buildings, substations, energy storage systems, and storm water protection or storage (detention) facilities. Final grading may include revegetation with low lying grass or applying earth-binding materials to disturbed areas.

## 1.4 Operational Activities

Once completed, the project would generally be limited to the following maintenance activities:

- Cleaning PV panels

- Monitoring electricity generation
- Providing site security
- Maintaining the facility: replacing or repairing inverters, wiring, and PV modules

The project would operate continuously, seven days a week, until the anticipated repowering or decommissioning of the project in 30 to 40 years. Each project site could require an operational staff of up to five full-time employees. It is possible that the project would share an O&M, substation, and/or transmission facilities with one or more nearby solar projects. Sharing of personnel with nearby solar projects could reduce the proposed project's on-site operational staff. The facility would generate electricity during normal daylight hours when the solar energy is available. Maintenance activities may occur seven days a week, 24 hours a day to ensure PV panel output when solar energy is available.

## 2 Air Quality

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### 2.1 Background

#### 2.1.1 Environmental Setting

##### a. Local Climate and Meteorology

The project site is located in the unincorporated area of Kern County near the communities of Desert Lake and Boron, situated in the Mojave Desert portion of the Mojave Desert Air Basin (MDAB). The MDAB is disconnected from the southern California coastal and central California valley regions by the Tehachapi Mountains to the west and by the San Gabriel Mountains to the south. The mountains in the lower region generally reach heights of 1,000 to 4,000 feet above the valley floor. Prevailing winds in the MDAB come from the west and southwest, and are due to a combination of the proximity of MDAB to coastal and central regions and the location of the Sierra Nevada Mountains to the north that prevent air from passing through. The Eastern Kern County Air Pollution Control District (EKAPCD) has jurisdiction over air quality management in the Mojave Desert portion of Kern County. The EKAPCD jurisdiction spans the northeastern corner of the MDAB and encompasses the eastern portion of Kern County, including the incorporated cities of Ridgecrest and California City.

During summer, the MDAB is normally influenced by the Pacific subtropical high cell off the coast that prevents cloud formation and encourages daytime solar heating. Cold air masses moving south from Canada and Alaska do not generally influence the MDAB because the frontal systems are weak and diffuse before they reach the desert. Therefore, desert moisture comes in the form of warm, moist, unstable air masses from the south and the MDAB averages three to seven inches of rain annually. Thus, it is classified as a dry-hot desert climate where temperatures can be in excess of 95 degrees Fahrenheit for sixty to seventy days per year with almost no precipitation (EKAPCD 2017).

##### b. Air Pollutants of Concern

The United States Environmental Protection Agency (USEPA) has identified criteria air pollutants that are a threat to public health and welfare. These pollutants are called “criteria” air pollutants because standards have been established for each of them to meet specific public health and welfare standards. Criteria pollutants that are a concern in the Air Basin are described below.

##### Ozone

Ozone is a respiratory irritant and an oxidant that increases susceptibility to respiratory infections and that can cause substantial damage to vegetation and other materials. Ozone is not emitted directly into the atmosphere but is a secondary air pollutant produced in the atmosphere through a complex series of photochemical reactions involving precursor organic compounds (POC) and nitrogen oxides (NO<sub>x</sub>). POC and NO<sub>x</sub> are known as precursor compounds for ozone. Significant ozone production generally requires ozone precursors to be present in a stable atmosphere with strong sunlight for approximately three hours.

Ozone is a regional air pollutant because it is not emitted directly by sources but is formed downwind of sources of POC and NO<sub>x</sub> under the influence of wind and sunlight. Ozone concentrations tend to be higher in the late spring, summer, and fall, when the long sunny days combine with summertime

temperature inversions<sup>2</sup> to create conditions conducive to the formation and accumulation of secondary photochemical compounds, like ozone. Exposure to elevated ozone concentrations can cause eye irritation, airway constriction, and shortness of breath and can aggravate existing respiratory diseases, such as asthma, bronchitis, and emphysema.

## Nitrogen Dioxide

Nitrogen dioxide (NO<sub>2</sub>) is an air quality pollutant of concern because it acts as a respiratory irritant. NO<sub>2</sub> is a major component of the group of gaseous nitrogen compounds commonly referred to as NO<sub>x</sub>. A precursor to ozone formation, NO<sub>x</sub> is produced by fuel combustion in motor vehicles, industrial stationary sources (such as industrial activities), ships, aircraft, and rail transit. Typically, NO<sub>x</sub> emitted from fuel combustion is in the form of nitric oxide (NO) and NO<sub>2</sub>. NO is often converted to NO<sub>2</sub> when it reacts with ozone or undergoes photochemical reactions in the atmosphere. Aside from its contribution to ozone formation, NO<sub>2</sub> can increase the risk of acute and chronic respiratory disease and reduce visibility. NO<sub>2</sub> may be visible as a coloring component of the air on high pollution days, especially in conjunction with high ozone levels.

## Carbon Monoxide

Carbon monoxide (CO) is a non-reactive pollutant that is a product of incomplete combustion and is mostly associated with motor vehicle traffic. High CO concentrations develop primarily during winter when periods of light winds combine with the formation of ground level temperature inversions (typically from the evening through early morning). These conditions result in reduced dispersion of vehicle emissions. Motor vehicles also exhibit increased CO emission rates at low air temperatures. When inhaled at high concentrations, CO combines with hemoglobin in the blood and reduces the oxygen-carrying capacity of the blood. This results in reduced oxygen reaching the brain, heart, and other body tissues. Exposure to high concentrations of CO reduces the oxygen-carrying capacity of the blood and can cause headaches, nausea, dizziness, and fatigue; impair central nervous system function; and induce angina (chest pain) in persons with serious heart disease.

## Particulate Matter

Particulates less than 10 microns in diameter (PM<sub>10</sub>) and less than 2.5 microns in diameter (PM<sub>2.5</sub>) can be inhaled into air passages and the lungs and can cause adverse health effects. Particulate matter in the atmosphere results from many kinds of dust- and fume-producing industrial and agricultural operations, fuel combustion, and atmospheric photochemical reactions. Some sources of particulate matter, such as demolition and construction activities, are local in nature, while others, such as vehicular traffic, have a more regional effect. Very small particles of certain substances (e.g., sulfates and nitrates) can cause lung damage directly, or can contain adsorbed gases (e.g., chlorides or ammonium) that may be injurious to health. According to a study by the California Air Resources Board (CARB), exposure to ambient PM<sub>2.5</sub> can be associated with approximately 7,300 to 11,000 annual premature deaths statewide (CARB 2010). Particulates also can damage materials and reduce visibility. Research has indicated that there are associations between increased levels of ambient particulate matter and increased adverse respiratory health. For PM<sub>10</sub>, there are associations between particulate levels and decreased pulmonary function, increased number of asthma attacks, increased asthma

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<sup>2</sup> Inversions occur when warm air sits over cooler air, trapping the cooler air at elevations near or above ground level. When these inversions occur in the Basin they trap pollutants from dispersing vertically while the mountains surrounding the San Joaquin Valley trap the pollutants from dispersing horizontally.



medication usage, increased emergency room visits, and hospital admissions for respiratory illness, and increased daily mortality (CARB 2004).

### Other Criteria Pollutants

Sulfur dioxide (SO<sub>2</sub>) is a combustion product of sulfur or sulfur-containing fuels such as coal. SO<sub>2</sub> is also a precursor to the formation of atmospheric sulfate and particulate matter (both PM<sub>10</sub> and PM<sub>2.5</sub>) and contributes to potential atmospheric sulfuric acid formation that could precipitate downwind as acid rain. Lead has a range of adverse neurotoxic health effects and was formerly released into the atmosphere primarily via the combustion of leaded gasoline. The use of leaded gasoline ceased in the United States after 1995, resulting in decreasing levels of atmospheric lead. Hydrocarbons are organic gases that are formed from hydrogen and carbon and sometimes other elements. Hydrocarbons that contribute to formation of ozone are referred to and regulated as reactive organic gases (ROG). Sources of ROGs include evaporation from petroleum fuels, solvents, dry cleaning solutions, and paint. The primary health effects of ROGs result from the formation of ozone and its related health effects.

### c. Toxic Air Contaminants

In addition to the criteria pollutants discussed above, Toxic Air Contaminants (TAC) are another group of pollutants of concern. Assembly Bill 1807 (AB 1807) sets forth a procedure for the identification and control of TACs in California. CARB defines a TAC as an air pollutant that may cause or contribute to an increase in mortality or an increase in serious illness, or that may pose a present or potential hazard to human health. Because no safe levels of TACs can be determined, there are no ambient air quality standards for TACs. Instead, TAC impacts are evaluated by calculating the health risks associated with a given exposure. Although construction activity is short-lived, it may increase TAC concentrations in the short term at nearby sensitive receptors. A common source of TAC emissions during construction activities is diesel particulate matter (DPM) due to the operation of diesel-powered equipment and heavy-duty trucks. Because DPM is the primary contaminant of concern for construction of the project and would be the TAC emitted in the largest quantity, health risks were assessed as they relate to DPM exposure.

### Diesel Particulate Matter

Diesel engine fuel combustion forms an important fraction of the particulate matter emission inventory, as particulates in diesel emissions are very small and readily respirable. The particles have hundreds of chemicals adsorbed onto their surfaces, including many known or suspected mutagens and carcinogens. The Office of Environmental Health Hazard Assessment (OEHHA) reviewed and evaluated the potential for diesel exhaust to affect human health, and the associated scientific uncertainties (CARB 1998). Based on the available scientific evidence, it was determined that a level of DPM exposure has not been identified, below which no carcinogenic effects are anticipated. The Scientific Review Panel that approved the OEHHA report determined that, based on studies to date,  $3 \times 10^{-4}$  micrograms per cubic meter ( $\mu\text{g}/\text{m}^3$ ) is a reasonable estimate of the unit risk for DPM. This means that a person exposed to a DPM concentration of  $1 \mu\text{g}/\text{m}^3$  continuously over the course of a lifetime has a 3 per 10,000 chance (or 300 in one million chance) of contracting cancer due to this exposure. In 2000, the statewide estimated average concentration of diesel PM was  $1.26 \mu\text{g}/\text{m}^3$  for indoor and outdoor ambient air. If DPM concentrations remained the same, about 380 excess cancers per one million population could be expected (CARB 2000). Therefore, these particulate emissions have been determined by CARB to be a TAC.

DPM emissions are estimated to be responsible for about 70 percent of the total ambient Statewide air toxics risk. DPM can also be responsible for elevated localized or near-source exposures (“hot-spots”). Depending on the activity and nearness to receptors, these potential risks are as high as 1,500 per million or more (CARB 2000). CARB staff have conducted risk characterization scenarios to determine the potential excess cancer risks involved when individuals are near various sources of diesel engine emissions, ranging from school buses to high volume freeways. The purpose of the risk characterization was to estimate, through air dispersion modeling, the cancer risk associated with typical diesel-fueled engine or vehicle activities based on modeled PM concentration at the point of maximum impact. The study included various sources of DPM emissions, including idling school buses, truck stops, low- and high-volume freeways, and other sources. High-volume freeways (20,000 or more trucks per day) were estimated to cause 800-1,700 per million potential excess cases of cancers, while low-volume freeways (2,000 or fewer trucks per day) were estimated to cause about 100-200 per million potential excess cases of cancers Statewide (CARB 2000).

## Valley Fever

Valley Fever or coccidioidomycosis is caused locally by the microscopic fungus *Coccidioides immitis* (*C. immitis*). The *Coccidioides* fungus resides in the soil in southwestern United States, northern Mexico, and parts of Central and South America. All of Kern County is in the endemic area although the incident rate for Valley Fever in Kern County within the MDAB is less than the incident rate in Kern County within the San Joaquin Valley Air Basin, where the highest incidence rate within California occurs. Infection occurs when the spores of the fungus become airborne and are inhaled. The fungal spores become airborne when contaminated soil is disturbed by human activities, such as construction and agricultural activities, and natural phenomena, such as wind storms, dust storms, and earthquakes. About 60 percent of infected persons have no symptoms. The remainder develop flu-like symptoms that can last for a month and tiredness that can sometimes last for longer than a few weeks. A small percentage of infected persons (<1 percent) can develop disseminated disease that spreads outside the lungs to the brain, bone, and skin. Without proper treatment, Valley Fever can lead to severe pneumonia, meningitis, and even death. Symptoms may appear between one to four weeks after exposure (Los Angeles County Health Department 2004).

Diagnosis of Valley Fever is conducted through a sample of blood, other body fluid, or biopsy of affected tissue. Valley Fever is treatable with anti-fungal medicines and is not contagious. Once recovered from the disease, the individual is protected against further infection. Persons at highest risk from exposure are those with compromised immune systems, such as those with human immunodeficiency virus (HIV) and those with chronic pulmonary disease. Farmers, construction workers, and others who engage in activities that disturb the soil are at highest risk for Valley Fever. Infants, pregnant women, diabetics, people of African, Asian, Latino, or Filipino descent, and the elderly may be at increased risk for disseminated disease. Historically, people at risk for infection are individuals not already immune to the disease and whose jobs involve extensive contact with soil dust, such as construction or agricultural workers and archeologists (Los Angeles County Health Department 2004).

During drought years, the number of organisms competing with *C. immitis* decreases, and the *C. immitis* remains alive but dormant. When rain finally occurs, the arthroconidia germinate and multiply more than usual because of a decreased number of other competing organisms. Later, the soil dries out in the summer and fall, and the fungi can become airborne and potentially infectious (Kirkland and Fierey 1996).

#### d. Existing Ambient Air Quality

The EKAPCD operates three air quality monitoring station in the MDAB. The purpose of the monitoring stations is to measure ambient concentrations of pollutants and determine whether ambient air quality meets the California and federal standards. The nearest monitoring station is located in Mojave at 923 Poole Station, approximately 23 miles west of the edge of the project site. Table 3 indicates the number of days that each of the standards was exceeded at the Mojave-923 Poole Street monitoring station. Because NO<sub>2</sub> data not available from the Poole monitoring station, data for NO<sub>2</sub> has been taken from the next closest available monitoring station, the Lancaster-43301 Division Street monitoring station, located approximately 33 miles southwest of the project site. Because monitoring is not generally conducted for pollutants that are no longer likely to exceed ambient air quality standards, there is no recent monitoring data available for CO or SO<sub>2</sub>. Additionally, there was no monitoring data available for hydrogen sulfide, vinyl chloride, or other toxic air contaminants in Kern County or any nearby counties. The data collected at the station indicates that the state and federal eight-hour ozone standards have been exceeded on at least 35 days each year from 2016 to 2018; state ozone worst hour standards were exceeded one to eight times each year from 2016 to 2018; the PM<sub>10</sub> worst 24 hours state standard was exceeded 10-19 times each year from 2016-2018; the PM<sub>10</sub> annual average state standard was exceeded in 2016; and the PM<sub>2.5</sub> worst 24 hours standard was exceeded twice in 2018. No other federal or state standards were exceeded at this monitoring station.

**Table 3 Ambient Air Quality at the Monitoring Station<sup>1</sup>**

<b>Pollutant</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>
<b>Ozone, O<sub>3</sub></b>			
8 Hour Ozone (ppm), 8-Hr Maximum	0.093	0.085	0.094
Number of Days of State exceedances (>0.070)	52	35	53
Number of days of Federal exceedances (>0.070)	52	35	53
Ozone (ppm), Worst Hour	0.104	0.097	0.111
Number of days above State standard (>0.09 ppm)	2	1	8
Number of days above Federal standard (>0.112 ppm)	0	0	0
<b>Respirable Particulate Matter, PM<sub>10</sub></b>			
Particulate Matter 10 microns, µg/m <sup>3</sup> , Worst 24 Hours	139.2	93.4	93.1
Number of days above State standard (>50 µg/m <sup>3</sup> )	18	10	19
Number of days above Federal standard (>150 µg/m <sup>3</sup> )	0	0	0
Particulate Matter 10 microns, µg/m <sup>3</sup> , Annual Average	23.8	*	*
Exceedance of State standard (>20 µg/m <sup>3</sup> )	Yes	*	*
<b>Fine Particulate Matter, PM<sub>2.5</sub></b>			
Particulate Matter <2.5 microns, µg/m <sup>3</sup> , Worst 24 Hours	25.7	26.9	39.0
Number of days above Federal standard (>35 µg/m <sup>3</sup> )	0	0	2
Particulate Matter <2.5 microns, µg/m <sup>3</sup> , Annual Average	7.4	5.5	7.1
Exceedance of State/Federal standard (>12 µg/m <sup>3</sup> )	No	No	No
<b>Carbon Monoxide, CO<sup>2</sup></b>			
Carbon monoxide (ppm), Worst Hour	ND	ND	ND

Pollutant	2016	2017	2018
Carbon monoxide (ppm), 8-Hr Maximum	ND	ND	ND
<b>Nitrogen Dioxide, NO<sub>2</sub><sup>3</sup></b>			
Nitrogen Dioxide (ppb), Worst Hour	48	46	47
Number of days above State standard (>180 ppb)	0	0	0
Number of days above Federal standard (>100 ppb)	0	0	0
Nitrogen Dioxide (ppb), Annual Average	8	*	8
Exceedance of State standard (>30 ppb)	No	No	No
Exceedance of Federal standard (>53 ppb)	No	No	No
<b>Sulfur Dioxide, SO<sub>2</sub><sup>2</sup></b>			
Sulfur Dioxide (ppm), Worst Hour	ND	ND	ND
Sulfur Dioxide (ppm), Worst 24 Hours	ND	ND	ND

<sup>1</sup> Mojave-923 Poole Street monitoring station

<sup>2</sup> Because monitoring is not generally conducted for pollutants that are no longer likely to exceed ambient air quality standards, there is no recent monitoring data available for CO or SO<sub>2</sub>.

<sup>3</sup> Because NO<sub>2</sub> is not monitored at the 923 Poole Street monitoring station, data for NO<sub>2</sub> has been taken from the next closest available monitoring station, the Lancaster-43301 Division Street monitoring station. \* Means there was insufficient data available to determine the value

Source: CARB 2020

## Sensitive Receptors

Some receptors are considered more sensitive than others to air pollutants. The reasons for greater than average sensitivity include preexisting health problems, proximity to emissions sources, or duration of exposure to air pollutants. Schools, hospitals, and convalescent homes are considered to be relatively sensitive to poor air quality because children, elderly people, and the infirmed are more susceptible to respiratory distress and other air quality-related health problems than the general public. Residential areas are considered sensitive to poor air quality because people usually stay home for extended periods, with greater associated exposure to ambient air quality. Recreational uses are also considered sensitive due to the greater exposure to ambient air quality conditions because vigorous exercise associated with recreation places a high demand on the human respiratory system. Ambient air quality standards were established to represent the levels of air quality considered sufficient, with a margin of safety, to protect public health and welfare. Standards are designed to protect that segment of the public most susceptible to respiratory distress, such as children under 14; the elderly over 65; persons engaged in strenuous work or exercise; and people with cardiovascular and chronic respiratory diseases.

The sensitive receptors with the highest potential to be affected by the project include residential land uses located in the surrounding communities of Desert Lake and Boron. The sensitive receptors closest to the project site are the single-family residences located approximately 65 feet east from Project Site #2 boundary across South Wesley Street in the community of Boron. In Desert Lake, the nearest sensitive receptors are the single-family residences located approximately 290 feet east from Project Site #4 boundary across Borax Road.

### 2.1.2 Regulatory Setting

## a. Federal and State Criteria Air Pollutants

The federal and state governments have established ambient air quality standards for the protection of public health. The USEPA is the federal agency designated to administer air quality regulation, while the CARB is the state equivalent in the California Environmental Protection Agency (CalEPA). County-level Air Pollution Control Districts (APCD) provide local management of air quality. CARB has established air quality standards and is responsible for the control of mobile emission sources, while the local APCDs are responsible for enforcing standards and regulating stationary sources. CARB has established 14 air basins statewide.

The USEPA has set primary national ambient air quality standards (NAAQS) ozone CO, NO<sub>2</sub>, SO<sub>2</sub>, pPM<sub>10</sub>, PM<sub>2.5</sub>, and Pb. Primary standards are those levels of air quality deemed necessary, with an adequate margin of safety, to protect public health. In addition, California has established health-based ambient air quality standards for these and other pollutants, some of which are more stringent than the federal standards. Table 4 lists the current federal and state standards for regulated pollutants.

**Table 4 Federal and State Ambient Air Quality Standards**

Pollutant	Averaging Time	Federal Primary Standards	California Standard
Ozone	1-Hour	–	0.09 ppm
	8-Hour	0.070 ppm	0.070 ppm
Carbon Monoxide	8-Hour	9.0 ppm	9.0 ppm
	1-Hour	35.0 ppm	20.0 ppm
Nitrogen Dioxide	Annual	0.053 ppm	0.030 ppm
	1-Hour	0.100 ppm	0.18 ppm
Sulfur Dioxide	Annual	0.030 ppm	–
	24-Hour	0.14 ppm	0.04 ppm
	1-Hour	0.075 ppm	0.25 ppm
PM <sub>10</sub>	Annual	–	20 µg/m <sup>3</sup>
	24-Hour	150 µg/m <sup>3</sup>	50 µg/m <sup>3</sup>
PM <sub>2.5</sub>	Annual	12 µg/m <sup>3</sup>	12 µg/m <sup>3</sup>
	24-Hour	35 µg/m <sup>3</sup>	–
Lead	30-Day Average	–	1.5 µg/m <sup>3</sup>
	3-Month Average	0.15 µg/m <sup>3</sup>	–

ppm = parts per million

µg/m<sup>3</sup> = micrograms per cubic meter

Source: Ambient Air Quality Standards (CARB 2016)

The MDAB in the EKAPCD has been designated as serious nonattainment for the federal O<sub>3</sub> standards, nonattainment for the state eight-hour O<sub>3</sub> standard, nonattainment for the state one-hour O<sub>3</sub> standard, and the state PM<sub>10</sub> standard. This area is unclassified or in attainment for the federal and state standards for CO; the federal standard for PM<sub>10</sub>; and the federal and state standards for PM<sub>2.5</sub>. The MDAB within the EKAPCD is in attainment for all other federal and state standards (EKAPCD 2017).

## b. Regional

### Eastern Kern Air Pollution Control District

The EKAPCD is primarily responsible for regulating and enforcing rules and regulations related to air pollution within its jurisdictional boundaries. Applicable rules and polices are as follows:

**Regulation II – Permits.** List D addresses permit applications involving a TAC and provides risk management guidance for EKAPCD to determine compliance with EKAPCD Rules 419 and 423, parts of Regulation IV., Section 41700 and Division 26, Part 6. of the California Health and Safety Code, CARB's toxic air contaminant control program, and Title III of the 1990 Federal Clean Air Act Amendments. Health risk shall be determined following the most current California Air Pollution Control Officer's Association (CAPCOA) *Air Toxics Hot Spots Program Risk Assessment Guidelines* (OEHHA 2015).

**Rule 401 – Visible Emissions:** Addresses discharge of visible emissions from any single source into the atmosphere. A violation is a discharge for a period or periods aggregating more than 3 minutes in any one hour which is:

- a. As dark or darker in shade designated as No. 1 on the Ringelmann Chart, as published by the United State Bureau of Mines, or
- b. Of such opacity as to obscure an observer's view to a degree equal to or greater that does smoke described in Subsection A or 20 percent opacity.

**Rule 402 – Fugitive Dust:** Addresses significant manmade dust sources from large operations, defined as "any active operation, including vehicle movement on unpaved roadways, on property involving in excess 10 contiguous acres of disturbed surface area, or any earth-moving activity exceeding a daily volume of 7,700 cubic meters (10,000 cubic yards), or relocating more than 2,500 cubic yards, per day, of bulk materials at least three days per year". Rule 402 applies to specified bulk storage, earthmoving, construction and demolition, and man-made conditions resulting in wind erosion, and contains the following requirements:

1. A person shall not cause or allow emissions of fugitive dust from any active operation to remain visible in the atmosphere beyond the property line of the emission source, excluding unpaved roadways.
2. A person shall utilize one or more Reasonably Available Control Measures to minimize fugitive dust emissions from each source type that is part of any active operation, including unpaved roadways.
3. A person shall not cause or allow downwind PM<sub>10</sub> ambient concentrations to increase more than 50 micrograms per cubic meter above downwind concentrations as determined by simultaneous upwind and downwind sampling utilizing high-volume particulate matter samplers, or other USEPA-approved equivalent method(s).
4. No person shall conduct a large operation without either: (1) conducting on-site PM<sub>10</sub> air quality monitoring and associated recordkeeping; or (2) filing for and obtaining an approved fugitive dust emission control plan.

Additionally, pursuant to Rule 402 an owner or operator of a Large Operation will be required to submit a Fugitive Dust Control Plan to the APCD prior to the start of any earthmoving activity.

The project shall not commence until the APCD has approved or conditionally approved the Plan.

**Rule 419 – Nuisance:** A person shall not discharge from any source whatsoever such quantities of contaminants or other material that cause injury, detriment, nuisance, or annoyance to any considerable number of persons or to the public or that endanger the comfort, repose, health, or safety of such persons or the public or that cause or have a natural tendency to cause injury or damage to business or property.

**Rule 423 – National Emission Standards for Hazardous Air Pollutants and Source Categories (NESHAPS):** All sources of hazardous air pollution shall comply with applicable standards, criteria and requirements set forth therein of provisions of Title 40, Chapter I, Parts 61 and 63, Code of Federal Regulations.

EKAPCD has also determined that commercial solar power plants generate fugitive dust emission in eastern Kern County and, therefore, in accordance with Rule 201 (Permits Required) and 210.1 (New and Modified Stationary Source Review), commercial solar facilities are required to obtain a district air permit. EKAPCD requests that each facility installs upwind and downwind particulate matter air monitoring to assist solar facility operators in showing and maintaining compliance with EKAPCD rules and regulations

## Air Quality Management Plan

The EKAPCD has adopted an attainment plan (*2017 Ozone Attainment Plan for 2008 Federal 75 ppb 8-hour Ozone Standard [EKAPCD Ozone Plan]*) for ozone pursuant to the Federal Clean Air Act, which serves as the District’s Air Quality Management Plan (EKAPCD 2017). The *EKAPCD Ozone Plan* provided an update to the EKAPCD’s *1994 Ozone Attainment Demonstration (Attainment Plan)* and established a goal of being in attainment for the eight-hour NAAQS for ozone by the “Serious” classification deadline of December 31, 2020. The *EKAPCD Ozone Plan* includes planning all required elements, emissions reductions, and control measures necessary to demonstrate attainment with the 2008, eight-hour Ozone NAAQS by 2020.

Particulate matter (PM<sub>2.5</sub> and PM<sub>10</sub>) attainment strategies for NAAQS in Eastern Kern County have been subdivided into three areas: the Indian Wells Valley (IWV) area, the Kern River/Cummings Valley (KR/CV) area, and the remainder of the EKAPCD’s jurisdiction, which includes the project site. The IWV and KR/CV zones are considered separate planning areas for PM<sub>2.5</sub> and PM<sub>10</sub> and have their own attainment strategies. The remainder of the EKAPCD area, where the project is located, is designated unclassified/attainment for the NAAQS for PM<sub>2.5</sub> and PM<sub>10</sub> standards. Therefore, the project site is not under the jurisdiction of any PM<sub>2.5</sub> or PM<sub>10</sub> attainment plans.

### c. Local

#### Kern County

Kern County has established a series of policies in the Kern County General Plan located in the Land Use, Open Space and Conservation Element to ensure the County can accommodate anticipated future growth and development and maintain a safe and healthful environment and a prosperous economy by preserving valuable natural resources, guiding development away from hazardous areas, and assuring the provision of adequate public services (Kern County 2009). Applicable policies are as follows:

**Policy 18:** The air quality implications of new discretionary land use proposals shall be considered in approval of major developments. Special emphasis will be placed on minimizing air quality degradation in the desert to enable effective military operations and in the valley region to meet attainment goals.

**Policy 19:** In considering discretionary projects for which an Environmental Impact Report must be prepared pursuant to the CEQA, the appropriate decision-making body, as part of its deliberations, will ensure that:

- a. All feasible mitigation to reduce significant adverse air quality impacts have been adopted; and
- b. The benefits of the proposed project outweigh any unavoidable significant adverse effects on air quality found to exist after inclusion of all feasible mitigation. This finding shall be made in a statement of overriding considerations and shall be supported by factual evidence to the extent that such a statement is required pursuant to the CEQA.

**Policy 20:** The County shall include fugitive dust control measures as a requirement for discretionary projects and as required by the adopted rules and regulations of the San Joaquin Valley Unified Air Pollution Control District and the EKAPCD on ministerial permits.

**Policy 21:** The County shall support air districts efforts to reduce PM<sub>10</sub> and PM<sub>2.5</sub> emissions.

The County also recommends preparation of a health risk assessment (HRA) analyzing acute, chronic and carcinogenic health risks of pollutants, including TACs that would be emitted during the project operations, as part of an Air Quality Assessment. The HRA shall evaluate the risks of Air Quality Assessment pollutants such as diesel exhaust and any other pollutants emitted by the project that have been identified as acute, chronic, or carcinogenic substances by the California Office of Environmental Health Hazard Assessment (Kern County 2006).

## Implementation Measures

The EKAPCD provides *Guidelines for Implementation of the California Environmental Quality Act (CEQA) of 1970, as Amended* for land use projects and includes specific implementation measures for individual projects. The following air quality and greenhouse gas implementation measures apply to the project:

- G. Discretionary development projects involving the use of tractor-trailer rigs shall incorporate diesel exhaust reduction strategies including, but not limited to:
  - a. Minimizing idling time
  - b. Electric overnight plug-ins
  
- H. Discretionary projects may use one or more of the following to reduce air quality effects:
  - a. Paved dirt roads within the development
  - b. Pave outside storage areas
  - c. Provide additional low VOC producing trees on landscape plans
  - d. Use of alternative fuel fleet vehicles or hybrid vehicles
  - e. Use of emission control devices on diesel equipment



## 2.2 Air Quality Impact Analysis

### 2.2.1 Methodology and Significance Thresholds

#### Methodology

##### *Methodology for Calculating Emissions*

Construction and operational emissions were estimated from several emissions models and associated spreadsheet calculations, depending on the source type and data availability. The primary emissions models used included CARB's on-road vehicle emission factor model (EMFAC2017) and the off-road diesel equipment emissions analysis and inventory (OFFROAD2017). Emission factors were obtained from the USEPA AP-42 *Compilation of Air Pollutant Emissions Factors* (USEPA 2006). Short-term and annual emissions were estimated using appropriate emission factors, the number of pieces of equipment, daily operating hours, and the associated schedules. Refer to Appendix AQGHG for details on equipment fleet, hours of operation, vehicle miles traveled, construction schedule, and other assumptions used. The following construction and operational sources and activities were analyzed for emissions:

- On-site construction equipment exhaust emissions (all criteria pollutants) – based on EMFAC2017 and OFFROAD2017 emission factors and estimated equipment schedules
- On-site construction equipment fugitive dust emissions (PM<sub>10</sub> and PM<sub>2.5</sub>) – based on USEPA AP-42 emission factors and estimated equipment schedules
- On-site and off-site haul truck (includes delivery, freight, and dump/water trucks) exhaust emissions (all criteria pollutants) – based on EMFAC2017 and estimated vehicle miles traveled
- On-site and off-site entrained fugitive dust emissions for paved and unpaved road travel – based on AP-42 methodology and estimated vehicle miles traveled
- Worker vehicle emissions for trips to and from the site – based on EMFAC2017 and estimated vehicle miles traveled
- Worker vehicle entrained fugitive dust emissions for paved roads – based on AP-42 methodology and estimated vehicle miles traveled

Trip generation rates for employees and vendors were provided by EPD Solutions, Inc. in the project specific Traffic Analysis<sup>3</sup> and are presented in Appendix AQGHG. It was assumed that one-third of vendor vehicles would be medium-heavy duty trucks and two-thirds would be heavy-heavy duty trucks. Similarly, it was assumed that 72 percent of the worker commute vehicles were light-duty automobiles and the remaining 28 percent were light-duty trucks. Percentages were derived from the distribution of vehicle miles travelled from EMFAC2017.

As previously mentioned in Section 1.3, *Construction Activities*, construction at some of the project sites that make up the project may occur simultaneously, and phases of construction would overlap. Overall project emissions were apportioned to each site based on the site acreage compared with the project gross acreage (see Table 1). Construction emissions associated with the project are discussed below by each individual project site and if construction activities occurred at some sites simultaneously.

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<sup>3</sup> It is anticipated that the Traffic Analysis final draft will be completed by June 2019.

### *Methodology for Determining Health Risks*

Health impacts associated with TACs are generally from long-term exposure. Typical sources of TACs include industrial processes such as petroleum refining operations, commercial operations such as gasoline stations and dry cleaners, and diesel exhaust. Health impacts from TAC emissions during the operational phase of the project are not expected because on-site routine maintenance and periodic PV panel washing, and off-site employee-commute trips would not be a substantial source of ongoing TAC emissions. However, the use of large-scale off-road diesel equipment during project construction may result in a short-term increase of TAC emissions. DPM would be the TAC emitted in the largest quantity during construction and is the primary contaminant of concern for the project, thus health risks were assessed as they relate to DPM exposure.

The significance threshold for health risks differs from that used for criteria pollutants in that no specific air quality standards have been established for DPM emissions or many other TACs. Instead, significance thresholds are determined based on an analysis of the number of excess health risks relative to a chosen risk level. Health effects from carcinogenic air toxics usually are described in terms of cancer risk. Non-carcinogenic hazards include chronic and acute effects. Acute effects are due to short-term exposure, while chronic effects are due to long-term exposure to a substance. For chronic and acute risks, the hazard index is calculated as the summation of the hazard quotients for all chemicals to which an individual would be exposed.

Average concentrations of DPM at the highest exposed existing receptor were used to estimate potential chronic and carcinogenic health risk. DPM does not have an acute health impact and therefore an acute health risk evaluation is not included in this analysis. The health risk calculations were based on the standardized equations contained in the current Air Toxics Hot Spots Program Risk Assessment Guidelines (OEHHA 2015). Toxicity values for the pollutants of concern were acquired from the OEHHA *Air Toxics Hot Spots Program Risk Assessment Guidelines* and *Inhalation RELs*<sup>4</sup> as of April 2019 (OEHHA 2015). The carcinogenic health risk equations follow a dose response relationship where the dosage is averaged over a particular timeframe. To provide a conservative analysis, the timeframe for construction and decommissioning activities were assumed to be equivalent and no adjustments were made to the exposure duration (i.e. exposure duration 100 percent of the time was assumed). Additionally, the high-end breathing rate by age bin was used and no fraction of time as residence was applied. To assess the reasonable worst-case scenario, it was assumed that an individual could be exposed to construction emissions as a child and decommissioning emissions as an adult over the course of a 70-year lifetime. Children are more affected by DPM emissions than adults because of the relatively greater amount of air that they breathe on a daily basis compared to their body weight.

The air dispersion modeling for the HRA was performed using the most recent USEPA AERMOD dispersion model, Version 19191. AERMOD is a steady-state, multiple-source, Gaussian dispersion model designed for use with emission sources situated in terrain where ground elevations can exceed the stack heights of the emission sources (not a factor in this case). AERMOD requires hourly meteorological data consisting of wind vector, wind speed, temperature, stability class, and mixing height. For this analysis, AERMOD ready metrological data from the Edwards AF AUX North (Station ID: 723171), which was pre-processed with AERMET, Version 14134, was obtained from CARB. The meteorological station is approximately seven miles from the nearest point of the project site, the southwest corner of Project Site #4, and 13 miles from the furthest point of the project site, the southeastern corner of Project Site #1. Emission rates were assumed to vary by the hour and the day; therefore, hourly average emissions rates were limited to the hours of 6:00 a.m. to 5:00 p.m. Monday

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<sup>4</sup> OEHHA Reference Exposure Levels (RELs) are updated regularly at [www.oehha.ca.gov/air/Allrels.html](http://www.oehha.ca.gov/air/Allrels.html)

through Friday. The model was run to obtain the maximum one-hour and average concentration across the five-year period described above for each year of anticipated construction (i.e., 2021 and 2022). In addition to the identified nearby sensitive receptors, a Cartesian grid spaced at 500 meter intervals that encompassed the project site and a square area of 15,000 meters by 15,000 meters was used to evaluate the project's potential health impact and validate that the defined sensitive receptors captured the highest off-site exposure. "Fence line" receptors for each project site spaced every 100 meters were also evaluated.

The total PM<sub>10</sub> exhaust emissions for all on-site diesel equipment and on-site mobile emissions for the entire construction period were divided by the construction working days to determine the maximum hourly emission rate (lbs/hour). AERMOD was used to determine the non-pollutant specific concentration at receptor points by source using a unit emission rate of 1 g/sec -m<sup>2</sup>. The non-pollutant specific concentration was then multiplied by the actual pollutant specific emission rates (i.e., annual average in lbs/yr and maximum hourly in lbs/hour) to determine the cumulative source ground level pollutant specific concentration (GLC) at each receptor subsequently used to determine cancer and non-cancer health impacts using the CARB Hot Spots Analysis and Reporting Program Version 2 (HARP 2) version 19121.<sup>5</sup> Chronic, acute, and carcinogenic health risk were further refined by age bin based on the USEPA (2005) guidance on the use of early life exposure adjustment factors (*Supplemental Guidance for Assessing Susceptibility from Early-Life Exposure to Carcinogens*, EPA/630/R-003F) and standardized dose algorithms contained in the current OEHHA guidance. Because HARP 2 does not include an option to evaluate health risk using partial years (i.e. 15 months for construction and 30 months for construction and decommissioning), carcinogenic health risk results presented herein were calculated outside of HARP 2 using the standardized dose algorithms contained in the current OEHHA guidance. Note that the estimated concentration is not a specific prediction of the actual concentrations that would occur at any one point or any specific time over the course of the construction period. Actual concentrations are dependent on many variables, particularly the number and type of equipment working at specific distances during time periods of adverse meteorology. Various activities would occur at different project sites throughout the overall project, and equipment would be close to adjacent receptors for a limited period of time, and then several miles from the same receptor at other times. Each project site was input to AERMOD as an area source where construction emissions were apportioned to each project site based on its percentage of the project's gross acreage (see Table 1). Emissions from construction trucks and equipment were assigned a release height of 3.1 meters, which is the approximate average height of the exhaust port plus a nominal amount of plume rise. Health risk for the project was evaluated assuming that construction on each project site occurs simultaneously and health risk for each individual project site was also evaluated, assuming that construction on each site occurs independently. As previously mentioned, only the risk associated with construction and decommissioning activities was assessed because operational emissions would not be significant (Appendix HRA).

## Significance Criteria

The EKAPCD recommends the following daily quantitative regional significance thresholds for long-term project operation in the western portion of the MDAB (EKAPCD 1999):

- 137 lbs per day of NO<sub>x</sub>
- 137 lbs per day of ROG

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<sup>5</sup> See Appendix Model for AERMOD output files and GLC period files used to calculate health risk.

Additionally, the EKAPCD has determined that a project would not have a significant impact on air quality if its operation:

- Emits less than the offset trigger levels set forth in Subsection III.B.3 of KCAPCD's Rule 210.1 (from all project sources subject to EKAPCD Rule 201, New and Modified Source Review Rule)
- Does not cause or contribute to an exceedance of NAAQS or California Ambient Air Quality Standards
- Does not exceed the District health risk public notification thresholds adopted by the EKAPCD Board.
- Is consistent with adopted federal and state Air Quality Management Plans.

For health risk management, the EKAPCD has established the following criteria for land use projects subject to EKAPCD Regulation II (Permits List and Criteria) and Rule 208.2 (Criteria for Finding no Significant Environmental Impact):

1. Cancer health risk shall be considered insignificant if expected increase in cancer risk is less than 20 in one million, or
2. Noncancer health risk is considered insignificant if expected increase in chronic hazard index is less than or equal to 1, or
3. Noncancer health risk is considered insignificant if expected increase in acute hazard index is less than or equal to 1

The Kern County Planning Department has developed the following thresholds of significance for operation and construction:

- 25 tons per year of NO<sub>x</sub>
- 25 tons per year of ROG
- 27 tons per year of SO<sub>x</sub>
- 15 tons per year of PM<sub>10</sub>

The Board of Supervisors adopted these annual thresholds, which were designed to help in determining cumulative air quality impacts.

## 2.2.2 Project Impacts

### Construction Impacts

Construction of the Aratina Solar Project would require approximately 12 to 18 months of continuous construction involving several overlapping phases. To provide for a realistic and conservative estimate, construction was assumed to last for 15 months for the purposes of this analysis. Refer to Section 1.3, *Construction Activities*, for phasing specifics related to the project construction schedule. Construction of the project would generate air pollutant emissions from entrained dust, off-road equipment use, vehicle emissions, and architectural coatings. Off-site emissions would be generated by construction worker daily commute trips and heavy-duty diesel haul and vendor truck trips. Construction emissions would vary substantially from day to day, depending on the level of activity, the specific type of operation, and, for dust, the prevailing weather conditions. The following subsections detail the impacts associated with construction at each project site. Construction of the gen-tie is incorporated into the

provided construction schedule and equipment mix. Therefore, emissions associated with the gen-tie are inherently incorporated into the impacts associated with each project site.

#### *Project Site #1*

Table 5 shows the estimated annual construction emissions by construction year. Emissions of ROG, NO<sub>x</sub>, SO<sub>x</sub>, and PM<sub>10</sub> would not exceed EKAPCD or County thresholds during either year of construction. Because construction at Project Site #1 would disturb over 10 contiguous acres of surface area, implementation of Recommendation AQ-1 would be required to be compliant with to be EKAPCD's rules and regulation, such as Rule 201 (Permits Required) and Rule 402 (Fugitive Dust). Per EKAPCD Rule 402, disturbed areas shall be treated with water or application of an EKAPCD-approved chemical dust suppressant [palliative]. Therefore, Table 5 includes estimates of fugitive dust emissions with the application of either water or palliatives consistent with EKAPCD Rule 402 requirements.

#### *Project Site #2*

Table 6 shows the estimated annual construction emissions by construction year. Emissions of ROG, NO<sub>x</sub>, SO<sub>x</sub>, and PM<sub>10</sub> would not exceed applicable thresholds during any part of the construction phase. Because construction at Project Site #2 would disturb over 10 contiguous acres of surface area, implementation of Recommendation AQ-1 would be required to be compliant with to be EKAPCD's rules and regulation, such as Rule 201 (Permits Required) and Rule 402 (Fugitive Dust). Per EKAPCD Rule 402, disturbed areas shall be treated with water or application of an EKAPCD-approved chemical dust suppressant [palliative]. Therefore, Table 6 includes estimates of fugitive dust emissions with the application of either water or palliatives consistent with EKAPCD Rule 402 requirements.

#### *Project Site #3*

Table 7 shows the estimated annual construction emissions by construction year. Emissions of ROG, NO<sub>x</sub>, SO<sub>x</sub>, and PM<sub>10</sub> would not exceed applicable thresholds during any part of the construction phase. Because construction at Project Site #3 would disturb over 10 contiguous acres of surface area, implementation of Recommendation AQ-1 would be required to be compliant with to be EKAPCD's rules and regulation, such as Rule 201 (Permits Required) and Rule 402 (Fugitive Dust). Per EKAPCD Rule 402, disturbed areas shall be treated with water or application of an EKAPCD-approved chemical dust suppressant [palliative]. Therefore, Table 7 includes estimates of fugitive dust emissions with the application of either water or palliatives consistent with EKAPCD Rule 402 requirements.

#### *Project Site #4*

Table 8 shows the estimated annual construction emissions by construction year. Emissions of ROG, NO<sub>x</sub>, SO<sub>x</sub>, and PM<sub>10</sub> would not exceed EKAPCD regional thresholds during any part of the construction phase. Because construction at Project Site #4 would disturb over 10 contiguous acres of surface area, implementation of Recommendation AQ-1 would be required to be compliant with to be EKAPCD's rules and regulation, such as Rule 201 (Permits Required) and Rule 402 (Fugitive Dust). Per EKAPCD Rule 402, disturbed areas shall be treated with water or application of an EKAPCD-approved chemical dust suppressant [palliative]. Therefore, Table 8 includes estimates of fugitive dust emissions with the application of either water or palliatives consistent with EKAPCD Rule 402 requirements.

*Project Site #5*

Table 9 shows the estimated annual construction emissions by construction year. Emissions of ROG, NO<sub>x</sub>, SO<sub>x</sub>, and PM<sub>10</sub> would not exceed EKAPCD regional thresholds during any part of construction. Because construction at Project Site #5 would disturb over 10 contiguous acres of surface area, implementation of Recommendation AQ-1 would be required to be compliant with to be EKAPCD's rules and regulation, such as Rule 201 (Permits Required) and Rule 402 (Fugitive Dust). Per EKAPCD Rule 402, disturbed areas shall be treated with water or application of an EKAPCD-approved chemical dust suppressant [palliative]. Therefore, Table 9 includes estimates of fugitive dust emissions with the application of either water or palliatives consistent with EKAPCD Rule 402 requirements.

Table 5 Construction Emissions for Project Site #1

Emission Type	Source	Unmitigated Emissions (tons per phase) <sup>2</sup>						With Water Control <sup>3</sup>		With Palliative Control <sup>3</sup>	
		ROG	NOX	SOX	CO	PM10	PM2.5	PM10 (tons)	PM2.5 (tons)	PM10 (tons)	PM2.5 (tons)
<b>2021</b>											
Exhaust	Off-Road Construction Equipment	0.1	0.5	<0.1	0.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
	On-Road Vehicles	<0.1	0.1	<0.1	0.4	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Fugitive Dust <sup>1</sup>	Off-Road Construction Activity	–	–	–	–	0.3	<0.1	0.2	<0.1	0.1	<0.1
	On-Road Vehicles (resuspended)	–	–	–	–	1.0	0.2	1.0	0.1	0.2	0.1
<b>Total</b>		<b>0.1</b>	<b>0.7</b>	<b>&lt;0.1</b>	<b>0.9</b>	<b>1.4</b>	<b>0.2</b>	<b>1.2</b>	<b>0.2</b>	<b>0.3</b>	<b>0.2</b>
Threshold		25	25	27	N/A	15	N/A	15	N/A	15	N/A
Exceed Threshold?		No	No	No	N/A	No	N/A	No	N/A	No	No
<b>2022</b>											
Exhaust	Off-Road Construction Equipment	0.3	2.8	<0.1	2.6	0.1	0.1	0.1	0.1	0.1	0.1
	On-Road Vehicles	0.1	0.4	<0.1	1.5	0.1	<0.1	0.1	<0.1	0.1	<0.1
Fugitive Dust <sup>1</sup>	Off-Road Construction Activity	–	–	–	–	1.0	0.1	0.7	0.1	0.3	<0.1
	On-Road Vehicles (resuspended)	–	–	–	–	3.6	0.5	3.5	0.5	3.5	0.5
<b>Total</b>		<b>0.4</b>	<b>3.1</b>	<b>&lt;0.1</b>	<b>4.2</b>	<b>4.8</b>	<b>0.8</b>	<b>4.5</b>	<b>0.8</b>	<b>4.0</b>	<b>0.7</b>
Threshold		25	25	27	N/A	15	N/A	15	N/A	15	N/A
Exceed Threshold?		No	No	No	N/A	No	No	No	N/A	No	N/A
Rounded values used; columns may not add up correctly. Subtotal equals the sum of all exhaust and fugitive dust emissions from off-road construction equipment and on-road vehicles. See Appendix AQGHG for calculations. N/A = no threshold											
<sup>1</sup> Fugitive dust describes particulate matter that is emitted into the air due to earth moving activities or that has been re-suspended.											
<sup>2</sup> Emissions by construction year are based on an estimated construction schedule and construction starting on October 1, 2021.											
<sup>3</sup> With implementation of Recommendation AQ-1											

Table 6 Construction Emissions for Project Site #2

Emission Type	Source	Unmitigated Emissions (tons per phase) <sup>2</sup>						With Water Control <sup>3</sup>		With Palliative Control <sup>3</sup>	
		ROG	NO <sub>x</sub>	SO <sub>x</sub>	CO	PM <sub>10</sub>	PM <sub>2.5</sub>	PM <sub>10</sub> (tons)	PM <sub>2.5</sub> (tons)	PM <sub>10</sub> (tons)	PM <sub>2.5</sub> (tons)
<b>2021</b>											
Exhaust	Off-Road Construction Equipment	0.1	1.4	<0.1	1.3	0.1	0.1	0.1	0.1	0.1	0.1
	On-Road Vehicles	0.1	0.3	<0.1	1.1	0.1	<0.1	0.1	<0.1	0.1	<0.1
Fugitive Dust <sup>1</sup>	Off-Road Construction Activity	–	–	–	–	0.8	0.1	0.5	0.1	0.3	<0.1
	On-Road Vehicles (resuspended)	–	–	–	–	2.6	0.4	2.6	0.4	0.4	0.4
<b>Total</b>		<b>0.2</b>	<b>1.7</b>	<b>&lt;0.1</b>	<b>2.4</b>	<b>3.5</b>	<b>0.6</b>	<b>3.2</b>	<b>0.5</b>	<b>0.8</b>	<b>0.5</b>
Threshold		25	25	27	N/A	15	N/A	15	N/A	15	N/A
Exceed Threshold?		No	No	No	N/A	No	N/A	No	N/A	No	N/A
<b>2022</b>											
Exhaust	Off-Road Construction Equipment	0.8	7.1	<0.1	6.8	0.3	0.3	0.3	0.3	0.3	0.3
	On-Road Vehicles	0.3	0.9	<0.1	4.0	0.2	0.1	0.2	0.1	0.2	0.1
Fugitive Dust <sup>1</sup>	Off-Road Construction Activity	–	–	–	–	2.5	0.3	1.8	0.2	0.7	0.1
	On-Road Vehicles (resuspended)	–	–	–	–	9.3	1.4	9.1	1.4	9.0	<0.1
<b>Total</b>		<b>1.2</b>	<b>8.0</b>	<b>&lt;0.1</b>	<b>10.8</b>	<b>12.4</b>	<b>2.0</b>	<b>11.5</b>	<b>1.9</b>	<b>10.3</b>	<b>0.5</b>
Threshold		25	25	27	N/A	15	N/A	15	N/A	15	N/A
Exceed Threshold?		No	No	No	N/A	No	N/A	No	N/A	No	N/A

Rounded values used; columns may not add up correctly. Subtotal equals the sum of all exhaust and fugitive dust emissions from off-road construction equipment and on-road vehicles. See Appendix AQGHG for calculations. N/A = no threshold

<sup>1</sup> Fugitive dust describes particulate matter that is emitted into the air due to earth moving activities or that has been re-suspended.

<sup>2</sup> Emissions by construction year are based on an estimated construction schedule and construction starting on October 1, 2021.

<sup>3</sup> With implementation of Recommendation AQ-1



Table 7 Construction Emissions for Project Site #3

Emission Type	Source	Unmitigated Emissions (tons per phase) <sup>2</sup>						With Water Control <sup>3</sup>		With Palliative Control <sup>3</sup>	
		ROG	NO <sub>x</sub>	SO <sub>x</sub>	CO	PM <sub>10</sub>	PM <sub>2.5</sub>	PM <sub>10</sub> (tons)	PM <sub>2.5</sub> (tons)	PM <sub>10</sub> (tons)	PM <sub>2.5</sub> (tons)
<b>2021</b>											
Exhaust	Off-Road Construction Equipment	0.1	0.9	<0.1	0.9	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
	On-Road Vehicles	0.1	0.2	<0.1	0.7	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Fugitive Dust <sup>1</sup>	Off-Road Construction Activity	–	–	–	–	0.5	0.1	0.3	<0.1	0.2	<0.1
	On-Road Vehicles (resuspended)	–	–	–	–	1.8	0.3	1.7	0.3	0.3	0.3
<b>Total</b>		<b>0.2</b>	<b>1.1</b>	<b>&lt;0.1</b>	<b>1.6</b>	<b>2.4</b>	<b>0.4</b>	<b>2.2</b>	<b>0.4</b>	<b>0.5</b>	<b>0.3</b>
Threshold		25	25	27	N/A	15	N/A	15	N/A	15	N/A
Exceed Threshold?		No	No	No	N/A	No	N/A	No	N/A	No	N/A
<b>2022</b>											
Exhaust	Off-Road Construction Equipment	0.6	4.8	<0.1	4.6	0.2	0.2	0.2	0.2	0.2	0.2
	On-Road Vehicles	0.2	0.6	<0.1	2.7	0.2	0.1	0.2	0.1	0.2	0.1
Fugitive Dust <sup>1</sup>	Off-Road Construction Activity	–	–	–	–	1.7	0.2	1.2	0.1	0.5	<0.1
	On-Road Vehicles (resuspended)	–	–	–	–	6.2	0.9	6.2	0.9	6.1	0.9
<b>Total</b>		<b>0.8</b>	<b>5.4</b>	<b>&lt;0.1</b>	<b>7.3</b>	<b>8.3</b>	<b>1.4</b>	<b>7.7</b>	<b>1.3</b>	<b>6.9</b>	<b>1.2</b>
Threshold		25	25	27	N/A	15	N/A	15	N/A	15	N/A
Exceed Threshold?		No	No	No	N/A	No	N/A	No	N/A	No	N/A

Rounded values used; columns may not add up correctly. Subtotal equals the sum of all exhaust and fugitive dust emissions from off-road construction equipment and on-road vehicles. See Appendix AQGHG for calculations. N/A = no threshold

<sup>1</sup> Fugitive dust describes particulate matter that is emitted into the air due to earth moving activities or that has been re-suspended.

<sup>2</sup> Emissions by construction year are based on an estimated construction schedule and construction starting on October 1, 2021.

<sup>3</sup> With implementation of Recommendation AQ-1

Table 8 Construction Emissions for Project Site #4

Emission Type	Source	Unmitigated Emissions (tons per phase) <sup>2</sup>						With Water Control <sup>3</sup>		With Palliative Control <sup>3</sup>	
		ROG	NO <sub>x</sub>	SO <sub>x</sub>	CO	PM <sub>10</sub>	PM <sub>2.5</sub>	PM <sub>10</sub> (tons)	PM <sub>2.5</sub> (tons)	PM <sub>10</sub> (tons)	PM <sub>2.5</sub> (tons)
<b>2021</b>											
Exhaust	Off-Road Construction Equipment	0.1	0.6	<0.1	0.6	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
	On-Road Vehicles	<0.1	0.1	<0.1	0.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Fugitive Dust <sup>1</sup>	Off-Road Construction Activity	–	–	–	–	0.4	<0.1	0.2	<0.1	0.1	<0.1
	On-Road Vehicles (resuspended)	–	–	–	–	1.2	0.2	1.2	0.2	0.2	0.2
<b>Total</b>		<b>0.1</b>	<b>0.8</b>	<b>&lt;0.1</b>	<b>1.1</b>	<b>1.6</b>	<b>0.3</b>	<b>1.5</b>	<b>0.2</b>	<b>0.4</b>	<b>0.2</b>
Threshold		25	25	27	N/A	15	N/A	15	N/A	15	N/A
Exceed Threshold?		No	No	No	N/A	No	N/A	No	N/A	No	N/A
<b>2022</b>											
Exhaust	Off-Road Construction Equipment	0.4	3.3	<0.1	3.1	0.1	0.1	0.1	0.1	0.1	0.1
	On-Road Vehicles	0.2	0.4	<0.1	1.8	0.1	<0.1	0.1	<0.1	0.1	<0.1
Fugitive Dust <sup>1</sup>	Off-Road Construction Activity	–	–	–	–	1.2	0.1	0.8	0.1	0.3	<0.1
	On-Road Vehicles (resuspended)	–	–	–	–	4.3	0.6	4.2	0.6	4.2	0.6
<b>Total</b>		<b>0.5</b>	<b>3.7</b>	<b>&lt;0.1</b>	<b>5.0</b>	<b>5.7</b>	<b>0.9</b>	<b>5.3</b>	<b>0.9</b>	<b>4.8</b>	<b>0.8</b>
Threshold		25	25	27	N/A	15	N/A	15	N/A	15	N/A
Exceed Threshold?		No	No	No	N/A	No	N/A	No	N/A	No	N/A

Rounded values used; columns may not add up correctly. Subtotal equals the sum of all exhaust and fugitive dust emissions from off-road construction equipment and on-road vehicles. See Appendix AQGHG for calculations. N/A = no threshold

<sup>1</sup> Fugitive dust describes particulate matter that is emitted into the air due to earth moving activities or that has been re-suspended.

<sup>2</sup> Emissions by construction year are based on an estimated construction schedule and construction starting on October 1, 2021.

<sup>3</sup> With implementation of Recommendation AQ-1

Table 9 Construction Emissions for Project Site #5

Emission Type	Source	Unmitigated Emissions (tons per phase) <sup>2</sup>						With Water Control <sup>3</sup>		With Palliative Control <sup>3</sup>	
		ROG	NO <sub>x</sub>	SO <sub>x</sub>	CO	PM <sub>10</sub>	PM <sub>2.5</sub>	PM <sub>10</sub> (tons)	PM <sub>2.5</sub> (tons)	PM <sub>10</sub> (tons)	PM <sub>2.5</sub> (tons)
<b>2021</b>											
Exhaust	Off-Road Construction Equipment	<0.1	0.4	<0.1	0.3	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
	On-Road Vehicles	<0.1	0.1	<0.1	0.3	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Fugitive Dust <sup>1</sup>	Off-Road Construction Activity	–	–	–	–	0.2	<0.1	0.1	<0.1	0.1	<0.1
	On-Road Vehicles (resuspended)	–	–	–	–	0.7	0.1	0.7	0.1	0.1	0.1
<b>Total</b>		<b>0.1</b>	<b>0.4</b>	<b>&lt;0.1</b>	<b>0.6</b>	<b>0.9</b>	<b>0.1</b>	<b>0.8</b>	<b>0.1</b>	<b>0.2</b>	<b>0.1</b>
Threshold		25	25	27	N/A	15	N/A	15	N/A	15	N/A
Exceed Threshold?		No	No	No	N/A	No	N/A	No	N/A	No	N/A
<b>2022</b>											
Exhaust	Off-Road Construction Equipment	0.2	1.9	<0.1	1.8	0.1	0.1	0.1	0.1	0.1	0.1
	On-Road Vehicles	0.1	0.2	<0.1	1.0	0.1	<0.1	0.1	<0.1	0.1	<0.1
Fugitive Dust <sup>1</sup>	Off-Road Construction Activity	–	–	–	–	0.7	0.1	0.5	<0.1	0.2	<0.1
	On-Road Vehicles (resuspended)	–	–	–	–	2.4	0.4	2.4	0.4	2.4	0.4
<b>Total</b>		<b>0.3</b>	<b>2.1</b>	<b>0.1</b>	<b>2.8</b>	<b>3.2</b>	<b>0.5</b>	<b>3.0</b>	<b>0.5</b>	<b>2.7</b>	<b>0.5</b>
Threshold		25	25	27	N/A	15	N/A	15	N/A	15	N/A
Exceed Threshold?		No	No	No	N/A	No	N/A	No	N/A	No	N/A

Rounded values used; columns may not add up correctly. Subtotal equals the sum of all exhaust and fugitive dust emissions from off-road construction equipment and on-road vehicles. See Appendix AQGHG for calculations. N/A = no threshold

<sup>1</sup> Fugitive dust describes particulate matter that is emitted into the air due to earth moving activities or that has been re-suspended.

<sup>2</sup> Emissions by construction year are based on an estimated construction schedule and construction starting on October 1, 2021.

<sup>3</sup> With implementation of Recommendation AQ-1

*Combined Project Construction*

As described in Section 1.3, *Construction Activities*, project components would be constructed over a period of 12 to 18 months. Because construction at all project sites would disturb over 10 contiguous acres of surface area, implementation of Recommendation AQ-1 would be required to be compliant with EKAPCD’s rules and regulation, such as Rule 201 (Permits Required) and Rule 402 (Fugitive Dust). Per EKAPCD Rule 402, disturbed areas shall be treated with water or application of an EKAPCD-approved chemical dust suppressant [palliative]. Therefore, Table 10 includes estimates of fugitive dust emissions with the application of either water or palliatives consistent with EKAPCD Rule 402 requirements. While various combinations of project sites could be developed without mitigation and still not exceed applicable thresholds, as shown in Table 10, concurrent construction at all project sites would exceed the fugitive dust (PM<sub>10</sub>) threshold of 15 tons/year in the second year of construction even with the required implementation of Recommendation AQ-1. This exceedance of the PM<sub>10</sub> threshold is largely due to worker vehicle trips, which is estimated to include up to 1,000 worker roundtrips per day during peak construction periods (see Appendix TR for traffic data).

**Table 10 Combined Construction Emissions for Simultaneous Construction at all Project Sites**

Year	Unmitigated Emissions (tons per phase)						With Water Control <sup>1</sup>		With Palliative Control <sup>1</sup>	
	ROG	NO <sub>x</sub>	SO <sub>x</sub>	CO	PM <sub>10</sub>	PM <sub>2.5</sub>	PM <sub>10</sub> (tons)	PM <sub>2.5</sub> (tons)	PM <sub>10</sub> (tons)	PM <sub>2.5</sub> (tons)
2021 Construction Emissions	0.7	4.7	<0.1	6.6	9.9	1.6	8.9	1.5	2.3	1.4
Threshold	25	25	27	N/A	15	N/A	15	N/A	15	N/A
Exceed Threshold?	No	No	No	N/A	No	N/A	No	N/A	No	N/A
2022 Construction Emissions	3.2	22.3	0.1	30.0	34.5	5.7	32.0	5.4	28.7	3.7
Threshold	25	25	27	N/A	15	N/A	15	N/A	15	N/A
Exceed Threshold?	No	No	No	No	<b>Yes</b>	No	<b>Yes</b>	No	<b>Yes</b>	No

Rounded values used; columns may not add up correctly. Subtotal equals the sum of all exhaust and fugitive dust emissions from off-road construction equipment and on-road vehicles. See Appendix AQGHG for calculations. N/A = no threshold

<sup>1</sup>With implementation of Recommendation AQ-1

As discussed above, the major contributing source to the exceedance of the PM<sub>10</sub> threshold during concurrent construction of all project sites is worker vehicle trips. A majority of PM<sub>10</sub> emissions during construction is due to resuspension of entrained dust on the road from vehicles commuting to the construction site. Therefore, this analysis also evaluates a condition requiring no more than 250 worker roundtrips per day per construction activity (Recommendation AQ-3). A reduction in worker roundtrips to no more than 250 per activity would substantially reduce PM<sub>10</sub> emissions from commuter vehicles.

Table 11 shows construction emissions associated with simultaneous construction at all project sites with Recommendation AQ-3 included. In combination with standard dust control measures (Recommendation AQ-1), such as watering, that would be implemented during construction as required by EKAPCD Rule 402, PM<sub>10</sub> emissions would be approximately 14.4 tons per year in the second year of construction and would not exceed EKAPCD or County fugitive dust thresholds. No other criteria pollutant threshold would be exceeded during construction.

**Table 11 Combined Construction Emissions for Simultaneous Construction at all Project Sites with Recommendation AQ-3**

Year	Unmitigated Emissions (tons per phase)						With Water Control <sup>1</sup>		With Palliative Control <sup>1</sup>	
	ROG	NO <sub>x</sub>	SO <sub>x</sub>	CO	PM <sub>10</sub>	PM <sub>2.5</sub>	PM <sub>10</sub> (tons)	PM <sub>2.5</sub> (tons)	PM <sub>10</sub> (tons)	PM <sub>2.5</sub> (tons)
2021 Construction Emissions	0.5	4.5	<0.1	5.0	6.2	1.0	5.2	0.9	1.6	0.8
Threshold	25	25	27	N/A	15	N/A	15	N/A	15	N/A
Exceed Threshold?	No	No	No	N/A	No	N/A	No	N/A	No	N/A
2022 Construction Emissions	2.6	21.6	0.1	22.2	16.9	2.9	14.4	2.7	11.1	1.9
Threshold	25	25	27	N/A	15	N/A	15	N/A	15	N/A
Exceed Threshold?	No	No	No	No	<b>Yes</b>	No	No	No	No	No

Rounded values used; columns may not add up correctly. Subtotal equals the sum of all exhaust and fugitive dust emissions from off-road construction equipment and on-road vehicles. See Appendix AQGHG for calculations. N/A = no threshold

<sup>1</sup>With implementation of Recommendation AQ-1

## Project Decommissioning

As stated in Section 1.4, *Operational Activities*, at the end of the project's useful life (anticipated to be 30 to 40 years), the solar facility would be repowered or decommissioned. The PV arrays and supporting equipment largely sit on the surface of the land, and removal of the arrays would cause minimal alteration from its natural state, nor would extensive ground-disturbing activities be required. Any other activities required for deconstruction of the on-site facilities would require similar types and levels of equipment as those used during the construction phase. Therefore, decommissioning activities at each individual project site in a sequential schedule would not generate emissions exceeding established EKAPCD or County thresholds. If all project sites are decommissioned simultaneously, generated PM<sub>10</sub> emissions would not exceed the annual threshold of 15 tons per year currently established by the County with implementation of Recommendations AQ-1 and AQ-3. As previously discussed, implementation of Recommendation AQ-1 would be required to be compliant with EKAPCD regulations and rules. Implementation of Recommendation AQ-1 would reduce fugitive dust emissions to the extent feasible even if decommissioning would occur at all project sites simultaneously. Recommendation AQ-3 would restrict worker roundtrips to 250 per day per construction activity. No other criteria air pollutant (ROG, NO<sub>x</sub>, or SO<sub>x</sub>) thresholds would be exceeded during decommissioning regardless of whether decommissioning of project sites occurred consecutively or simultaneously.

The project applicant would be required to develop a Decommissioning Plan for review and approval by the Kern County Planning and Community Development Department. All decommissioning and restoration activities would adhere to the requirements of the appropriate governing authorities and be conducted in accordance with all applicable federal, state, and county regulations. Additionally, recommendations related to the decommissioning of utility sized solar facilities are included as a requirement of all proposed solar projects in Kern County to establish safeguards to ensure the maintenance of the health, safety, and welfare of the citizens of the County.

## Long-term Regional Impacts

### *Air Quality Management Plan Consistency*

Construction, operation and maintenance, and decommissioning of the project would result in emissions of criteria pollutants including ozone precursors, such as ROG and NO<sub>x</sub> as well as particulate matter. The EKAPCD has prepared air quality attainment plans to achieve federal ozone standards, the most recent of which is the *2017 Ozone Attainment Plan for the 2008 Federal 75 ppb 8-Hour Ozone Standard*. The EKAPCD is unclassifiable/in attainment for CO, PM<sub>10</sub>, PM<sub>2.5</sub> lead, and the one-hour ozone NAAQS standards so there are no attainment plans for those pollutants. As previously mentioned, PM<sub>2.5</sub> and PM<sub>10</sub> attainment strategies in Eastern Kern County are subdivided into the IWV area, the KR/CV area, and the rest of the EKAPCD area. The project is not located in either the IWV or KR/CV area and is in the unclassified/attainment area of the EKAPCD. Therefore, the project site is not under jurisdiction of any PM<sub>2.5</sub> or PM<sub>10</sub> attainment plans. The EKAPCD has determined that projects with emissions above the thresholds of significance for criteria pollutants would conflict with/obstruct implementation of the EKAPCD's air quality plan (EKAPCD 2006). As discussed above under construction impacts, emissions of ozone precursors ROG and NO<sub>x</sub> would not exceed the project-level significance thresholds and therefore would not conflict with implementation of existing air quality plans.

### *Operational Air Pollutant Emissions*

Table 12 summarizes estimated emissions associated with operation of the project by individual project sites and as a whole. As discussed in Section 1.4, *Operational Activities*, each project site could require up to five full-time employees. It is possible that the project would share an O&M, substation, and/or transmission facilities with one or more nearby solar projects. Sharing of personnel with nearby solar projects could reduce the project's on-site operational staff. However, it was conservatively assumed that each site would require individual operations and maintenance staff. As discussed above, the project site is not under jurisdiction of any PM<sub>2.5</sub> or PM<sub>10</sub> attainment plans, and the EKAPCD has determined that projects with emissions below the thresholds of significance for criteria pollutants would not conflict with/obstruct implementation of the EKAPCD's air quality plan (EKAPCD 2006). As shown in Table 12, unmitigated operations emissions from the project sites would not exceed EKAPCD thresholds for any criteria pollutant either individually or combined emissions for the project as a whole. As such, emissions of ozone precursors ROG and NO<sub>x</sub> would not exceed the project-level significance thresholds and therefore would not conflict with implementation of existing air quality plans.

Table 12 Estimated Operational Emissions

Emission Type	Source	Emissions (tons per year)					
		ROG	NO <sub>x</sub>	SO <sub>x</sub>	CO	PM <sub>10</sub>	PM <sub>2.5</sub>
<b>Project Site #1</b>							
Exhaust	On Road and On-site Vehicles	<0.1	<0.1	<0.1	0.1	<0.1	<0.1
Fugitive Dust	Maintenance Vehicles	–	–	–	–	0.6	0.1
Subtotal		<0.1	<0.1	<0.1	0.1	0.6	0.1
<b>Project Site #2</b>							
Exhaust	On Road and On-Site Vehicles	<0.1	<0.1	<0.1	0.2	<0.1	<0.1
Fugitive Dust	Maintenance Vehicles	–	–	–	–	1.6	0.2
Subtotal		<0.1	<0.1	<0.1	0.2	1.6	0.2
<b>Project Site #3</b>							
Exhaust	On Road and On-Site Vehicles	<0.1	<0.1	<0.1	0.1	<0.1	<0.1
Fugitive Dust	Maintenance Vehicles	–	–	–	–	1.1	0.1
Subtotal		<0.1	<0.1	<0.1	0.1	1.1	0.1
<b>Project Site #4</b>							
Exhaust	On Road and On-Site Vehicles	<0.1	<0.1	<0.1	0.1	<0.1	<0.1
Fugitive Dust	Maintenance Vehicles	–	–	–	–	0.7	0.1
Subtotal		<0.1	<0.1	<0.1	0.1	0.7	0.1
<b>Project Site #5</b>							
Exhaust	On Road and On-Site Vehicles	<0.1	<0.1	<0.1	0.1	<0.1	<0.1
Fugitive Dust	Maintenance Vehicles	–	–	–	–	0.4	<0.1
Subtotal		<0.1	<0.1	<0.1	0.1	0.4	<0.1
<b>Total (tons/year)</b>		<b>&lt;0.1</b>	<b>0.1</b>	<b>&lt;0.1</b>	<b>0.6</b>	<b>4.5</b>	<b>0.5</b>
Threshold		25	25	N/A	27	15	N/A
Exceed Threshold?		No	No	N/A	No	No	N/A
<b>Total Operations Annualized<sup>1</sup> (lbs/day)</b>		<b>0.3</b>	<b>0.7</b>	<b>&lt;0.1</b>	<b>4.6</b>	<b>36.8</b>	<b>4.3</b>
EKAPCD Daily Threshold (lbs/day)		137	137	–	–	–	–
Exceed Threshold?		No	No	N/A	N/A	N/A	N/A

Rounded values used; columns may not add up correctly. Subtotal equals the sum of all exhaust and fugitive dust emissions from on-road and on-site vehicles. See Appendix AQGHG for calculations. N/A = no threshold

Annualized at 244 working days per year

### *Emissions Displaced During Operation*

The operation of the project as a renewable energy source would indirectly cause the replacement of fossil fuel energy production facilities and thereby displace criteria pollutants created by existing power generation sources. The project would generate a maximum of 600 MW of electricity at any given time. Over the 30-year lifespan of the project, approximately 44,413 gigawatt-hours (GWh) of electricity would be produced, which equates to 1,480 GWh of electricity per year. Table 13 shows the criteria pollutant emissions that would be displaced by the project. It is noted that this estimate only includes emissions generated by the combustion of fossil fuels and does not include operational employee trips associated with natural gas or coal combustion or the emissions associated with extracting and transporting those power sources. It is also noted that this estimate only includes the displacement of emissions from the portion of the California electricity market that comes from fossil fuels

(approximately 70 percent of the market) and does not include displacement of emissions from the portion of the California electricity market generated by non-combustion sources (i.e., wind, solar, nuclear, hydro-electric) (CEC 2018a). Refer to Appendix AQGHG for detailed calculations related to the project’s annual energy generation.

**Table 13 Criteria Pollutant Emissions Displaced by the Project**

	Emissions					
	ROG	NO <sub>x</sub>	SO <sub>x</sub>	CO	PM <sub>10</sub>	PM <sub>2.5</sub>
Emissions Displaced Annually (tons per year)	0.8	399.6	15.7	43.8	12.8	5.5
Total Emissions Displaced over Lifetime of Project (tons)	22.9	11,987.9	472.0	1,312.6	383.5	165.0

Note: Refer to Appendix AQGHG for displacement calculations.

### Health Risk Assessment

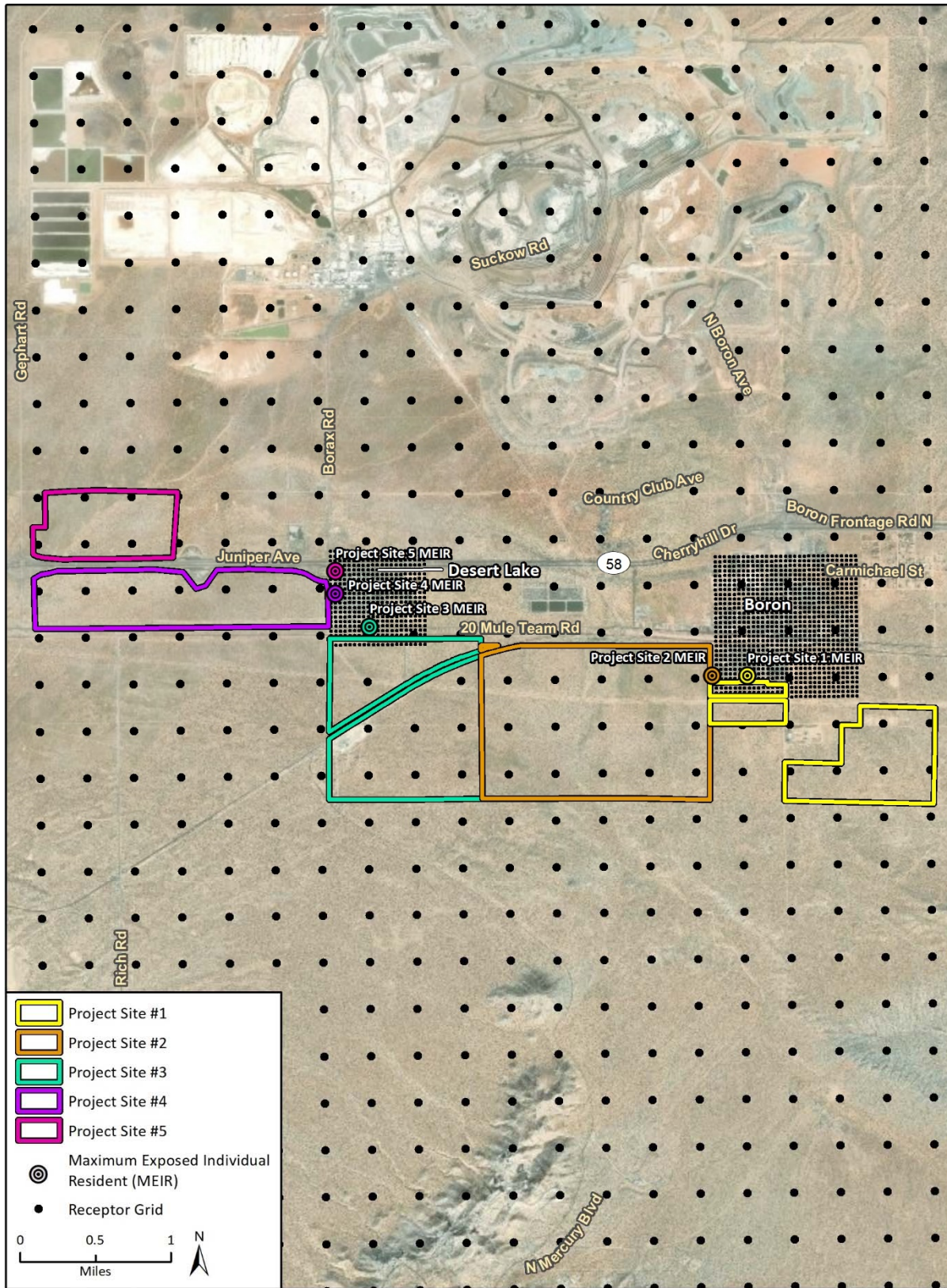
As a result of the California Supreme Court decision for *Sierra Club vs. County of Fresno (Friant Ranch L.P.)*, the resultant human health impacts from the project’s short-term construction and long-term operational air emissions should be analyzed. The following sections assess the health impacts from construction and long-term operation.

#### *Health Impacts of Construction TACs*

Construction of the solar facility would require use of heavy-duty construction equipment and diesel trucks which would emit DPM. The following subsections detail the carcinogenic and chronic health risks associated with construction and decommissioning at each project site (refer to Appendix HRA for detailed health risk estimates). As previously mentioned, construction and associated emissions related to the gen-tie are incorporated into the provided construction schedule and equipment mix. Therefore, emissions associated with the gen-tie are already incorporated into the impacts associated with each project site. Figure 3 shows the receptor grid used to model health risk and the maximum exposed individual resident (MEIR) associated with each site and all sites combined.



Figure 3 Sensitive Receptor Locations



*Project Site #1*

The highest off-site modeled average DPM concentration of 2.06E-02 µg/m<sup>3</sup> and point of maximum impact (PMI) would occur at the northwestern fence-line of the most southern portion of Project Site #1, approximately 0.75 miles from the southeastern boundary of Boron. Figure 3 shows that the maximum exposed individual resident (MEIR) is located at the southern boundary of Boron along Ferguson Street, approximately 215 feet north of the northern boundary of Project Site #1. The DPM concentration at the MEIR would be 7.92E-03 µg/m<sup>3</sup>. The carcinogenic and chronic health risks at Project Site #1 MEIR are shown in Table 14 (refer to Appendix HRA for detailed health risk estimates). As shown therein, excess cancer risk and chronic risk associated with project construction and decommissioning would not exceed the risk criteria at the Project Site #1 MEIR.

**Table 14 Health Risks Associated with Diesel Particulate Emissions during Construction and Decommissioning at Project Site #1**

	Carcinogenic Risk by Age Group					Risk Sum <sup>2</sup>	Chronic Risk Hazard Quotient
	3rd Trimester	0-2 Years	2-16 Years	16-30 Years	16-70 Years		
<b>Construction Emissions (15 months)</b>							
Maximum Risk <sup>1</sup>	1.12E-07	1.70E-06	3.48E-07	5.21E-08	4.51E-08	1.81E-06	1.58E-03
<b>Risk Criteria</b>	<b>2.00E-05</b>						<b>1.0</b>
Exceed Criteria?	No	No	No	No	No	No	No
<b>Construction and Deconstruction Emissions (30 months in a 70-year lifetime)<sup>3</sup></b>							
Maximum Risk <sup>1</sup>	1.12E-07	1.70E-06	3.48E-07	5.21E-08	9.03E-08	2.03E-07	1.58E-03
<b>Risk Criteria</b>	<b>2.00E-05</b>						<b>1.0</b>
Exceed Criteria?	No	No	No	No	No	No	No

<sup>1</sup> Maximum average DPM concentration equals 7.92E-03 µg/m<sup>3</sup> at nearest existing residence.

<sup>2</sup> Summed risk is based on the anticipated exposure duration due to the project and represents the maximum risk anticipated based on the risk across the most impacted age bins. Summed risk for construction includes the summation of risk at the 3<sup>rd</sup> trimester and a fraction of risk from 0-2 years spanning a total of 15 months of exposure. Summed risk for construction and decommissioning includes summation of risk at the third trimester and risk from 30 months of exposure during the 16-70 age bin.

<sup>3</sup> Health risks associated with Construction and Deconstruction emissions assume that one could be exposed to emissions during 15 months of construction and emissions from 15 months of deconstruction 30 years later. Only individuals in the 16-70 age bin could be exposed to 15 months of emissions from both construction and decommissioning activities for a total exposure of 30 months.

*Project Site #2*

The highest off-site modeled average DPM concentration of 2.26E-02 µg/m<sup>3</sup> and PMI would occur at the northern fence-line of Project Site #2, approximately 1,690 feet from the western boundary of Boron. Figure 3 shows that the MEIR is located at the western boundary of Boron along South Wesley Road, approximately 75 feet east of the eastern boundary of Project Site #2. The DPM concentrations at the MEIR would be 1.66E-02 µg/m<sup>3</sup>. The carcinogenic and chronic health risks at the MEIR are shown in Table 15 (refer to Appendix HRA for detailed health risk estimates). As shown therein, excess cancer risk and chronic risk associated with project construction and decommissioning would not exceed the risk criteria at the Project Site #2 MEIR.

**Table 15 Health Risks Associated with Diesel Particulate Emissions during Construction and Decommissioning at Project Site #2**

	Carcinogenic Risk by Age Group						Chronic Risk Hazard Quotient
	3rd Trimester	0-2 Years	2-16 Years	16-30 Years	16-70 Years	Risk Sum <sup>2</sup>	
<b>Construction Emissions (15 months)</b>							
Maximum Risk <sup>1</sup>	2.35E-07	3.55E-06	7.29E-07	1.09E-07	9.45E-08	3.79E-06	3.32E-03
<b>Risk Criteria</b>	<b>2.00E-05</b>						<b>1.0</b>
Exceed Criteria?	No	No	No	No	No	No	No
<b>Construction and Deconstruction Emissions (30 months in a 70-year lifetime)<sup>3</sup></b>							
Maximum Risk <sup>1</sup>	2.35E-07	3.55E-06	7.29E-07	1.09E-07	1.89E-07	4.24E-07	3.32E-03
<b>Risk Criteria</b>	<b>2.00E-05</b>						<b>1.0</b>
Exceed Criteria?	No	No	No	No	No	No	No

<sup>1</sup> Maximum average DPM concentration equals 1.66E-02 µg/m<sup>3</sup> at nearest existing residence.

<sup>2</sup> Summed risk is based on the anticipated exposure duration due to the project and represents the maximum risk anticipated based on the risk across the most impacted age bins. Summed risk for construction includes the summation of risk at the 3<sup>rd</sup> trimester and a fraction of risk from 0-2 years spanning a total of 15 months of exposure. Summed risk for construction and decommissioning includes summation of risk at the third trimester and risk from 30 months of exposure during the 16-70 age bin.

<sup>3</sup> Health risks associated with Construction and Deconstruction emissions assume that one could be exposed to emissions during 15 months of construction and emissions from 15 months of deconstruction 30 years later. Only individuals in the 16-70 age bin could be exposed to 15 months of emissions from both construction and decommissioning activities for a total exposure of 30 months.

### *Project Site #3*

The highest off-site modeled average DPM concentration of 2.48E-02 µg/m<sup>3</sup> would occur at the northern fence-line of Project Site #3 site, approximately 390 feet from the southern boundary of Desert Lake. Figure 3 shows that the MEIR is located at the southern boundary of Desert Lake along 20 Mule Team Road, approximately 440 feet north of the northern boundary of Project Site #3. The DPM concentrations at the MEIR would be 8.68E-03 µg/m<sup>3</sup>. The carcinogenic and chronic health risks at the MEIR are shown in Table 16 (refer to Appendix HRA for detailed health risk estimates). As shown therein, excess cancer risk and chronic risk associated with project construction and decommissioning would not exceed the risk criteria at the Project Site #3 MEIR.

**Table 16 Health Risks Associated with Diesel Particulate Emissions during Construction and Decommissioning at Project Site #3**

	Carcinogenic Risk by Age Group						Chronic Risk Hazard Quotient
	3rd Trimester	0-2 Years	2-16 Years	16-30 Years	16-70 Years	Risk Sum <sup>2</sup>	
<b>Construction Emissions (15 months)</b>							
Maximum Risk <sup>1</sup>	1.23E-07	1.86E-06	3.81E-07	5.71E-08	4.94E-08	1.98E-06	1.74E-03
<b>Risk Criteria</b>	<b>2.00E-05</b>						<b>1.0</b>
Exceed Criteria?	No	No	No	No	No	No	No
<b>Construction and Deconstruction Emissions (30 months in a 70-year lifetime)</b>							
Maximum Risk <sup>1</sup>	1.23E-07	1.86E-06	3.81E-07	5.71E-08	9.88E-08	2.22E-07	1.74E-03
<b>Risk Criteria</b>	<b>2.00E-05</b>						<b>1.0</b>
Exceed Criteria?	No	No	No	No	No	No	No

<sup>1</sup> Maximum average DPM concentration equals 8.68E-03 µg/m<sup>3</sup> at nearest existing residence.

<sup>2</sup> Summed risk is based on the anticipated exposure duration due to the project and represents the maximum risk anticipated based on the risk across the most impacted age bins. Summed risk for construction includes the summation of risk at the 3<sup>rd</sup> trimester and a fraction of risk from 0-2 years spanning a total of 15 months of exposure. Summed risk for construction and decommissioning includes summation of risk at the third trimester and risk from 30 months of exposure during the 16-70 age bin.

<sup>3</sup> Health risks associated with Construction and Deconstruction emissions assume that one could be exposed to emissions during 15 months of construction and emissions from 15 months of decommissioning 30 years later. Only individuals in the 16-70 age bin could be exposed to 15 months of emissions from both construction and decommissioning activities for a total exposure of 30 months.

*Project Site #4*

The highest off-site modeled average DPM concentration of 2.15E-02 µg/m<sup>3</sup> and PMI would occur at the northern fence-line of Project Site #4, approximately 0.9 miles from the western edge of Desert Lake. Figure 3 shows that the MEIR is located at the eastern boundary of Desert Lake on Sierra View Street, approximately 275 feet east of the eastern boundary of Project Site #4. The DPM concentrations at the MEIR would be 7.10E-03 µg/m<sup>3</sup>. The carcinogenic and chronic health risks at the MEIR are shown in Table 17 (refer to Appendix HRA for detailed health risk estimates). As shown therein, excess cancer risk and chronic risk associated with project construction and decommissioning would not exceed the risk criteria at the Project Site #4 MEIR.

**Table 17 Health Risks Associated with Diesel Particulate Emissions during Construction and Decommissioning at Project Site #4**

	Carcinogenic Risk by Age Group					Risk Sum <sup>2</sup>	Chronic Risk Hazard Quotient
	3rd Trimester	0-2 Years	2-16 Years	16-30 Years	16-70 Years		
<b>Construction Emissions (15 months)</b>							
Maximum Risk <sup>1</sup>	1.01E-07	1.52E-06	3.12E-07	4.67E-08	4.05E-08	1.62E-06	1.42E-03
<b>Risk Criteria</b>	<b>2.00E-05</b>						<b>1.0</b>
Exceed Criteria?	No	No	No	No	No	No	No
<b>Construction and Deconstruction Emissions (30 months in a 70-year lifetime)</b>							
Maximum Risk <sup>1</sup>	1.01E-07	1.52E-06	3.12E-07	4.67E-08	8.09E-08	1.82E-07	1.42E-03
<b>Risk Criteria</b>	<b>2.00E-05</b>						<b>1.0</b>
Exceed Criteria?	No	No	No	No	No	No	No

<sup>1</sup> Maximum average DPM concentration equals 7.10E-03 µg/m<sup>3</sup> at nearest existing residence.

<sup>2</sup> Summed risk is based on the anticipated exposure duration due to the project and represents the maximum risk anticipated based on the risk across the most impacted age bins. Summed risk for construction includes the summation of risk at the 3<sup>rd</sup> trimester and a fraction of risk from 0-2 years spanning a total of 15 months of exposure. Summed risk for construction and decommissioning includes summation of risk at the third trimester and risk from 30 months of exposure during the 16-70 age bin.

<sup>3</sup> Health risks associated with Construction and Deconstruction emissions assume that one could be exposed to emissions during 15 months of construction and emissions from 15 months of deconstruction 30 years later. Only individuals in the 16-70 age bin could be exposed to 15 months of emissions from both construction and decommissioning activities for a total exposure of 30 months.

### *Project Site #5*

The highest off-site modeled average DPM concentration of 2.17E-02 µg/m<sup>3</sup> and PMI would occur at the northern fence-line of Project Site #5, approximately 1.5 miles from the northwestern corner of Desert Lake. Figure 3 shows that the MEIR is located at the northeastern corner of Desert Lake, approximately 1.0 miles east of the eastern boundary of Project Site #5 along State Route 58. The DPM concentrations at the MEIR would be 2.87E-04 µg/m<sup>3</sup>. The carcinogenic and chronic health risks at the MEIR are shown in Table 18 (refer to Appendix HRA for detailed health risk estimates). As shown therein, excess cancer risk and chronic risk associated with project construction and decommissioning would not exceed the risk criteria at the Project Site #5 MEIR.

**Table 18 Health Risks Associated with Diesel Particulate Emissions during Construction and Decommissioning at Project Site #5**

	Carcinogenic Risk by Age Group					Sum Risk <sup>2</sup>	Chronic Risk Hazard Quotient
	3rd Trimester	0-2 Years	2-16 Years	16-30 Years	16-70 Years		
<b>Construction Emissions (15 months)</b>							
Maximum Risk <sup>1</sup>	4.07E-09	6.15E-08	1.26E-08	1.89E-09	1.64E-09	6.56E-08	5.74E-05
<b>Risk Criteria</b>	<b>2.00E-05</b>						<b>1.0</b>
Exceed Criteria?	No	No	No	No	No	No	No
<b>Construction and Deconstruction Emissions (30 months in a 70-year lifetime)</b>							
Maximum Risk <sup>1</sup>	4.07E-09	6.15E-08	1.26E-08	1.89E-09	3.27E-09	7.35E-09	5.74E-05
<b>Risk Criteria</b>	<b>2.00E-05</b>						<b>1.0</b>
Exceed Criteria?	No	No	No	No	No	No	No

<sup>1</sup> Maximum average DPM concentration equals 2.87E-04 µg/m<sup>3</sup> at nearest existing residence.

<sup>2</sup> Summed risk is based on the anticipated exposure duration due to the project and represents the maximum risk anticipated based on the risk across the most impacted age bins. Summed risk for construction includes the summation of risk at the 3<sup>rd</sup> trimester and a fraction of risk from 0-2 years spanning a total of 15 months of exposure. Summed risk for construction and decommissioning includes summation of risk at the third trimester and risk from 30 months of exposure during the 16-70 age bin.

<sup>3</sup> Health risks associated with Construction and Deconstruction emissions assume that one could be exposed to emissions during 15 months of construction and emissions from 15 months of deconstruction 30 years later. Only individuals in the 16-70 age bin could be exposed to 15 months of emissions from both construction and decommissioning activities for a total exposure of 30 months.

## Gen-Tie

The gen-tie could be located on the path of route alternatives shown in Figure 2. None of these route alternatives are located adjacent to sensitive receptors. At its closest point, the gen-tie route alternative on the north side of SR 58 and west of Borax Road would be located approximately 1,720 feet northwest of residences along Sierra View Street in Desert Lake. These are the sensitive receptors nearest to any of the gen-tie route alternatives, and they would experience a temporary increase in DPM exposure during construction of the project. The construction and associated emissions related to the gen-tie are a small fraction of the overall construction occurring for the project. Because of this, the excess cancer risk and chronic risks associated with the gen-tie corridor would be less than the excess cancer risk and chronic risk associated with each project site described above and therefore would not exceed the risk criteria.

## Combined Project Impacts

As described in Section 1.3, *Construction Activities*, project components at all project sites and the gen-tie corridor would be constructed over a period of 12 to 18 months. In addition to the analysis of health risk associated with construction of each individual project site, the worst-case scenario<sup>6</sup> where construction at all project sites and gen-tie corridor would occur simultaneously was assessed to provide the most conservative health risk assessment. The highest off-site modeled average DPM

<sup>6</sup> Although construction may occur at some project sites simultaneously, not all sites will undergo simultaneous construction. Assuming simultaneous construction of all project sites provides the worst possible scenario thus providing the most conservative health risk assessment.

concentration of 3.06E-02  $\mu\text{g}/\text{m}^3$  and PMI would occur along the northern fence line of Project Site # 3, approximately 475 feet south of SR-58. The combined project MEIR was determined to be at the same location as Project Site #2 MEIR. DPM at the MEIR for the combined be 2.13E-02  $\mu\text{g}/\text{m}^3$  at a residence located at the southwestern corner of Boron at the intersection of South Wesley Street and Ferguson Street, approximately 75 feet east of Project Site #2 eastern boundary and 235 feet north of Project Site #1 northern boundary. The carcinogenic and chronic health risks at the MEIR are contained in Table 19 (refer to Appendix HRA for detailed health risk estimates). As shown therein, excess cancer risk and chronic risk associated with project construction and decommissioning would not exceed the risk criteria at the combined project MEIR even if construction occurred at all project sites simultaneously.

**Table 19 Combined Health Risks Associated with Diesel Particulate Emissions during Construction and Decommissioning of Project**

	Carcinogenic Risk by Age Group					Risk Sum <sup>2</sup>	Chronic Risk Hazard Quotient
	3rd Trimester	0-2 Years	2-16 Years	16-30 Years	16-70 Years		
<b>Construction Emissions (15 months)</b>							
Maximum Risk <sup>1</sup>	3.03E-07	4.57E-06	9.37E-07	1.40E-07	1.22E-07	4.87E-06	4.27E-03
<b>Risk Criteria</b>	<b>2.00E-05</b>						<b>1.0</b>
Exceed Criteria?	No	No	No	No	No	No	No
<b>Construction and Deconstruction Emissions (30 months in a 70-year lifetime)</b>							
Maximum Risk <sup>1</sup>	3.03E-07	4.57E-06	9.37E-07	1.40E-07	2.43E-07	5.46E-07	4.27E-03
<b>Risk Criteria</b>	<b>2.00E-05</b>						<b>1.0</b>
Exceed Criteria?	No	No	No	No	No	No	No

<sup>1</sup> Maximum average DPM concentration equals 2.13E-02  $\mu\text{g}/\text{m}^3$  at nearest existing residence.

<sup>2</sup> Summed risk is based on the anticipated exposure duration due to the project and represents the maximum risk anticipated based on the risk across the most impacted age bins. Summed risk for construction includes the summation of risk at the 3<sup>rd</sup> trimester and a fraction of risk from 0-2 years spanning a total of 15 months of exposure. Summed risk for construction and decommissioning includes summation of risk at the third trimester and risk from 30 months of exposure during the 16-70 age bin.

<sup>3</sup> Health risks associated with Construction and Deconstruction emissions assume that one could be exposed to emissions during 15 months of construction and emissions from 15 months of deconstruction 30 years later. Only individuals in the 16-70 age bin could be exposed to 15 months of emissions from both construction and decommissioning activities for a total exposure of 30 months.

## Health Impacts of Operational TACs

As previously discussed, health impacts due to DPM are largely related to construction equipment exhaust. Because limited diesel-powered equipment would be in use during operational activities and the estimated PM<sub>10</sub> emissions (i.e., DPM equivalent) related to exhaust emissions (Table 12) are minimal, health impacts from operational activities would be less than significant.

### *Health Impacts of CO*

Exposure to high concentrations of CO can result in dizziness, fatigue, chest pain, headaches, and impairment of central nervous system functions. EKAPCD is currently classified as in attainment or unclassified for CO; however, there is a potential for the formation of microscale CO “hotspots” to occur immediately around points of congested traffic. A project’s indirect CO emissions would be significant if they contribute to a violation of the State standards for CO (9.0 parts per million (ppm))

averaged over 8 hours and 20 ppm over 1 hour). Hotspots can form if such traffic occurs during periods of poor atmospheric ventilation, is composed of a large number of vehicles cold-started and operating at pollution-inefficient speeds, and/or is operating on roadways crowded with non-project traffic. CO hotspots are of particular concern in densely populated metropolitan areas where there are buildings that impeded dispersion of pollutants from an intersection. The EKAPCD does not encompass any metropolitan areas and as such has not developed a screening methodology to determine if CO thresholds would be exceeded. To provide context, the Bay Area Air Quality Management District (BAAQMD) CO screening methodology considers potential CO hotspots to occur at intersections that exceed 44,000 vehicles per hour or intersections that exceed 24,000 vehicles per hours where vertical and/or horizontal mixing is substantially limited (e.g., tunnel, parking garage, bridge underpass) (BAAQMD 2017). As shown in the Traffic Analysis prepared for the project by EPD Solutions, Inc. (Appendix TR), construction traffic for each project site is expected to access the sites via one or more of the following roadways: Gephart Road, Borax Road, Boron Avenue, 20 Mule Team Road, and SR-58. Of these roads, SR-58 experiences the greatest volume of existing traffic ranging from 15,350 to 16,300 per day. During peak project construction there would be 2,110 project-related daily trips which could increase the daily traffic volume on SR-58 would up to 17,744 vehicles. The other local roads used during construction would experience a significantly lower daily traffic volume of 440 to 3,400 vehicles per day.

Even at the high end of the daily traffic volume (i.e., 17,744) this quantity of daily vehicle trips could not result in the level of vehicles per hour at a single intersections to generate a CO hotspot due to the small magnitude of emission sources and the low emission rates that occur due to catalytic converters. Additionally, the project site is located in a rural flat area where air dispersion is not impeded by buildings or nearby terrain such that exist in metropolitan areas; therefore, CO emissions generated would disperse rapidly. As such, construction traffic would not generate CO hotspots.

As discussed in Section 1, *Project Description*, the project would have a total of five full-time employees once operational. This number of employees would generate a negligible increase in traffic. Therefore, no CO hotspots would be created during project operation.

### *Valley Fever*

Construction activities that include ground disturbance can result in fugitive dust, which can cause fungus *Coccidioides* spores to become airborne if they are present in the soil. These spores can cause Valley Fever. Workers who disturb soil where fungal spores are found, whether by digging, operating earthmoving equipment, driving vehicles, or by working in dusty, wind-blown areas, are more likely to breathe in spores and become infected. It is not a contagious disease and secondary infections are rare. Furthermore, according to the Kern County Public Health Department the desert region of Kern County where the project is located has a lower incidence rate compared to other regions of the county.<sup>7</sup> However, construction activities associated with the project would include ground-disturbing activities that could result in an increased potential for exposure of nearby residents and on-site workers to airborne spores, if they are present. Thus, the potential for increased exposure and contraction of Valley Fever would be considered potentially significant. Recommendation AQ-2 would require the inclusion of additional control measures within the Fugitive Dust Control Plan to minimize personnel and public exposure to Valley Fever. Implementation of Recommendation AQ-2 would reduce the potential risk of nearby resident and on-site worker exposure to Valley Fever.

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<sup>7</sup> <http://kerncountyvalleyfever.com/>



## Cumulative Impacts

The Kern County's *Guidelines for Preparing an Air Quality Assessment for Use in Environmental Impact Reports* require the following three steps for estimating the potential significance of cumulative impacts:

1. Evaluate localized impacts
2. Evaluate consistency with existing air quality plans
3. Summarize CARB air basin emissions

## Localized Impacts

The contribution of a project's individual air emissions to regional air quality impacts is, by its nature, a cumulative effect. Emissions from past, present, and future projects in the region also have or will contribute to adverse regional air quality impacts on a cumulative basis. Cumulative impacts from the Aratina Solar Project, when considered with nearby, reasonably foreseeable planned solar projects, would occur only during project construction since the projects operation emissions are expected to be negligible. A cumulative project list was not provided for the Aratina Solar Project, but no single project would be of sufficient size to result in nonattainment of ambient air quality standards. Instead, a project's individual emissions contribute to existing cumulative air quality conditions. The project-level thresholds for criteria air pollutants are based on levels by which new sources are not anticipated to contribute to an air quality violation or result in a considerable net increase in criteria air pollutants. Sequential construction of the project at each project site would not generate emissions exceeding an established EKAPCD threshold and therefore would not be cumulatively considerable. While the project would contribute to an increase in PM<sub>10</sub> during construction if construction of the project at each site occurred simultaneously, with implementation of Recommendation AQ-1, the project's incremental contribution to the cumulative effect would not be considered cumulatively considerable. During operation the project would not exceed an established EKAPCD thresholds and therefore is not considered cumulatively considerable.

### *Operation Localized Health Impacts from Regional Emissions (Friant Ranch Case)*

Impacts of criteria pollutant emissions are evaluated on a regional level with current environmental models designed for such analysis. Current environmental science models are not designed to be able to convert specific project emission levels of criteria pollutants emitted in a particular area to a localized human health impact. As such, a qualitative discussion of the adverse health effect resulting from the project level criteria pollutants is all that can be feasibly provided at this time.

As previously discussed, the criteria air pollutant standards developed by the state are based on levels of air quality that are deemed necessary, with an adequate margin of safety, to protect public health. The EKAPCD and Kern County have established quantitative daily and annual thresholds for criteria pollutant emissions to enforce and meet these standards on a regional level. As such, projects that do not exceed EKAPCD's daily operational significance thresholds and meet EKAPCD's land use criteria for project operation would not have a significant impact on regional air quality and likewise resulting human health impacts related to criteria pollutants would be less than significant. As discussed in *Operational Air Pollutant Emissions*, criteria pollutant emissions generated from operations at the project sites would not exceed EKAPCD thresholds for any criteria pollutant either at individual sites or combined emissions for the project as a whole. Emissions of ozone precursors ROG and NO<sub>x</sub> would not exceed the project-level significance thresholds. Further criteria pollutant emissions generated from project operation would be below the EKAPCD significance threshold by an order of magnitude or

more. As such, it is not expected that operation of the project would result in a substantial increase in criteria pollutant concentration regionally or locally. Therefore, related health effects would be less than significant.

### Consistency with Existing Air Quality Plans

The Kern Council of Governments (KCOG) Regional Conformity Analysis Determination demonstrates that the regional transportation expenditure plans in the Kern County portion of the Mojave Desert air quality planning area will not hinder the efforts set out in CARB’s State Implementation Plan (SIP) for the area’s nonattainment pollutant (ozone). The analysis uses an adopted regional growth forecast governed by both the adopted KCOG *Policy and Procedure Manual* and a Memorandum of Understanding between the City of Bakersfield, County of Kern, and KCOG.

As shown in Table 12, operation of the project would not generate emissions exceeding any established EKAPCD emissions thresholds. The project site is would be staffed by five operations personnel during normal weekday working hours. It is anticipated that these employees would be drawn from the existing Kern County population. Thus, the project would not generate population, households, or substantial employment for any of the traffic analysis zones used to determine conformity. Therefore, the project would be consistent with the adopted growth forecast and would be in conformance with the KCOG Regional Conformity Analysis Determination. Additionally, as discussed above, the project would not conflict with or obstruct implementation of the EKAPCD’s air quality plan.

### CARB Air Basin Emissions

CARB maintains the inventory of air emissions in California. Emissions (i.e., ROG, NO<sub>x</sub>, and PM<sub>10</sub>) data for all of MDAB and the Kern County subset of the MDAB was obtained from the CARB Emissions Inventory database. Per the County’s guidelines for the cumulative impact assessment, project emissions should be compared to the air basin’s current emissions inventory and projected emissions inventory. Emissions data for 2012 estimated annual average emissions and 2025 projected annual emissions for the Kern County portion of the MDAB and for the entire MDAB are presented in Table 20 and Table 21, respectively. Relative portions of the total inventory included in the tables include emissions from stationary sources, area-wide sources, and mobile sources.

**Table 20 Emissions Inventory in Kern County Portion of MDAB**

Inventory Segment	2012 Emissions (Tons/Year)			2025 Emissions (Tons/Year)		
	ROG	NO <sub>x</sub>	PM <sub>10</sub>	ROG	NO <sub>x</sub>	PM <sub>10</sub>
Total Emissions	4,179	12,760	5,767	3,522	10,841	5,990
Percent Stationary Source	11%	51%	18%	14%	75%	22%
Percent Area-wide Sources	21%	2%	60%	28%	2%	59%
Percent Mobile Sources	68%	48%	22%	58%	23%	19%
Total Stationary Source Emissions	434	6,482	1,029	500	8,110	1,288
Total Area-wide Source Emissions	898	197	3,468	982	215	3,537
Total Mobile Source Emissions	2,847	6,081	1,270	2,040	2,515	1,164

Table 21 Emissions Inventory in MDAB

Inventory Segment	2012 Emissions (Tons/Year)			2025 Emissions (Tons/Year)		
	ROG	NO <sub>x</sub>	PM <sub>10</sub>	ROG	NO <sub>x</sub>	PM <sub>10</sub>
Total Emission	24,313	64,273	48,425	18,491	46,267	56,429
Percent Stationary Source	24%	34%	44%	43%	66%	43%
Percent Area-wide Sources	23%	1%	49%	20%	2%	52%
Percent Mobile Sources	53%	65%	7%	37%	33%	5%
Total Stationary Source Emissions	5,873	22,024	21,228	7,964	30,459	24,218
Total Area-wide Source Emissions	5,490	785	23,988	3,643	715	29,675
Total Mobile Source Emissions	12,950	41,464	3,208	6,884	15,093	2,537

Table 22 compares emissions generated by the project and the 2025 projected annual emissions for the Kern County portion of the MDAB as well as the MDAB as a whole.

Table 22 Emissions Inventory within MDAB

Inventory Segment	2025 Emissions (Tons/Year)		
	ROG	NO <sub>x</sub>	PM <sub>10</sub>
Project	3.9	27.1	48.8
Kern County portion of MDAB	3,522	10,841	5,990
MDAB	18,491	46,267	56,429
Project Percent of Kern County portion of MDAB	0.11%	0.25%	0.82%
Percent of MDAB	0.02%	0.06%	0.09%

Note: Emissions for the project include construction emissions from 2021-2022 and operational emissions.

As shown in Table 22, the project's contribution to regional air emissions in Kern County and the MDAB would be minimal and thus not cumulatively considerable in terms of county and region-wide emissions. Compliance with applicable EKAPCD rules requiring emissions controls, such as Rule 402 (Fugitive Dust), and implementation of Recommendation AQ-1 would further reduce construction emissions and the regional contribution to the cumulative impact during the construction period would be minimal. Additionally, because operational emissions would not result in significant emissions of ozone, for which the EKAPCD and surrounding air districts of the San Joaquin Valley and MDAB are in nonattainment, the project would not contribute to a long-term cumulative increase in criteria pollutants. Furthermore, the project would introduce a non-fossil fuel-based energy source to the region thus providing a positive benefit to regional air quality. Thus, project construction, decommissioning, and operations and maintenance would not result in a cumulatively considerable increase in emissions of nonattainment pollutants.

## Odors

Substantial objectionable odors are normally associated with agriculture, wastewater treatment, industrial uses, or landfills. The project would involve the construction, operation and maintenance, and decommissioning of a solar energy facility and associated infrastructure that do not produce objectionable odors. During construction activities, only short-term, temporary odors from vehicle exhaust and construction equipment engines would occur. Construction-related odors would disperse and dissipate and would not cause substantial odors at the closest sensitive receptors (adjacent

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**Aratina Solar Project**

residences). In addition, construction-related odors would be short-term and would cease upon completion of construction. Operation of the project would not emit any odorous compounds.

## 3 Greenhouse Gases

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### 3.1 Background

This section analyzes GHG emissions associated with the project and potential impacts related to climate change.

#### 3.1.1 Climate Change and Greenhouse Gases

Climate change is the observed increase in the average temperature of Earth's atmosphere and oceans along with other substantial changes in climate (such as wind patterns, precipitation, and storms) over an extended period. The term "climate change" is often used interchangeably with the term "global warming," but "climate change" is preferred to "global warming" because it helps convey that there are other changes in addition to rising temperatures. The baseline against which these changes are measured originates in historical records identifying temperature changes that have occurred in the past, such as during previous ice ages. The global climate is continuously changing, as evidenced by repeated episodes of substantial warming and cooling documented in the geologic record. The rate of change has typically been incremental, with warming or cooling trends occurring over the course of thousands of years. The past 10,000 years have been marked by a period of incremental warming, as glaciers have steadily retreated across the globe. However, scientists have observed acceleration in the rate of warming during the past 150 years. According to the United Nations Intergovernmental Panel on Climate Change (IPCC), the understanding of anthropogenic warming and cooling influences on climate has led to a high confidence (95 percent or greater chance) that the global average net effect of human activities has been the dominant cause of warming since the mid-20th century (IPCC 2014).

Gases that absorb and re-emit infrared radiation in the atmosphere are called GHGs. The gases that are widely seen as the principal contributors to human-induced climate change include carbon dioxide (CO<sub>2</sub>), methane (CH<sub>4</sub>), nitrous oxides (N<sub>2</sub>O), fluorinated gases such as hydrofluorocarbons (HFC) and perfluorocarbons (PFC), and sulfur hexafluoride (SF<sub>6</sub>). Water vapor is excluded from the list of GHG because it is short-lived in the atmosphere and its atmospheric concentrations are largely determined by natural processes, such as oceanic evaporation.

Both natural processes and human activities emit GHGs. CO<sub>2</sub> and CH<sub>4</sub> are emitted in the greatest quantities from human activities. Emissions of CO<sub>2</sub> are largely by-products of fossil fuel combustion, whereas CH<sub>4</sub> results from off-gassing associated with agricultural practices and landfills. Observations of CO<sub>2</sub> concentrations, globally-averaged temperature, and sea level rise are generally well within the range of the extent of the earlier IPCC projections. The recently observed increases in CH<sub>4</sub> and N<sub>2</sub>O concentrations are smaller than those assumed in the scenarios of previous assessments. Each IPCC assessment has used new projections of future climate change that have become more detailed as the models have become more advanced.

Man-made GHGs, many of which have greater heat-absorption potential than CO<sub>2</sub>, include fluorinated gases and SF<sub>6</sub> (USEPA 2018a). Different types of GHGs have varying global warming potentials (GWP). The GWP of a GHG is the potential of a gas or aerosol to trap heat in the atmosphere over a specified timescale (generally, 100 years). Because GHG absorb different amounts of heat, a common reference gas (CO<sub>2</sub>) is used to relate the amount of heat absorbed to the amount of the gas emissions, referred to as "carbon dioxide equivalent" (CO<sub>2</sub>e), and is the amount of a GHG emitted multiplied by its GWP. CO<sub>2</sub>

has a 100-year GWP of one. By contrast, CH<sub>4</sub> has a GWP of 25, meaning its global warming effect is 25 times greater than CO<sub>2</sub> on a molecule per molecule basis (IPCC 2007).

The accumulation of GHGs in the atmosphere regulates the earth's temperature. Without the natural heat trapping effect of GHGs, Earth's surface would be about 34° C cooler (CalEPA 2006). However, it is believed that emissions from human activities, particularly the consumption of fossil fuels for electricity production and transportation, have elevated the concentration of these gases in the atmosphere beyond the level of naturally occurring concentrations.

### 3.1.2 Greenhouse Gas Emissions Inventory

Worldwide anthropogenic emissions of GHG were approximately 46,000 million metric tons (MMT or gigatonne) of CO<sub>2</sub>e in 2010 (IPCC 2014). CO<sub>2</sub> emissions from fossil fuel combustion and industrial processes contributed about 65 percent of total emissions in 2010. Of anthropogenic GHGs, CO<sub>2</sub> was the most abundant accounting for 76 percent of total 2010 emissions. CH<sub>4</sub> emissions accounted for 16 percent of the 2010 total, while N<sub>2</sub>O and fluorinated gases account for 6 and 2 percent respectively (IPCC 2014).

Total United States GHG emissions were 6,511.3 million metric tons (MMT or gigatonnes) of CO<sub>2</sub>e in 2016 (USEPA 2018b). Total United States emissions have increased by 2.4 percent since 1990; emissions decreased by 1.9 percent from 2015 to 2016 (USEPA 2018b). The decrease from 2014 to 2015 was a result of multiple factors, including: (1) substitution from coal to natural gas and other non-fossil energy sources in the electric power sector and (2) warmer winter conditions in 2016 resulting in a decreased demand for heating fuel in the residential and commercial sectors (USEPA 2018b). Since 1990, U.S. emissions have increased at an average annual rate of 0.1 percent. In 2015, the industrial and transportation end-use sectors accounted for 29 percent each of GHG emissions (with electricity-related emissions distributed), respectively. Meanwhile, the residential and commercial end-use sectors accounted for 15 percent and 16 percent of CO<sub>2</sub>e emissions, respectively (USEPA 2018b).

Based on CARB's California Greenhouse Gas Inventory for 2000-2016, California produced 429.4 MMT of CO<sub>2</sub>e in 2016 (CARB 2018b). The major source of GHGs in California is associated with transportation, contributing 41 percent of the state's total GHG emissions. The industrial sector is the second largest source, contributing 23 percent of the state's GHG emissions, and electric power accounted for approximately 16 percent (CARB 2018b). California emissions are due in part to its large size and large population compared to other states. However, a factor that reduces California's per capita fuel use and GHG emissions, as compared to other states, is its relatively mild climate. CARB has projected that statewide unregulated GHG emissions for the year 2020 will be 509 MMT of CO<sub>2</sub>e (CARB 2018c). These projections represent the emissions expected to occur in the absence of any GHG reduction actions.

### 3.1.3 Potential Effects of Climate Change

Globally, climate change has the potential to affect numerous environmental resources through potential impacts related to future air, land, and water temperatures and precipitation patterns. Scientific modeling predicts that continued GHG emissions at or above current rates would induce more extreme climate changes during the 21st century than were observed during the 20th century. Long-term trends have found that each of the past three decades has been warmer than all the previous decades in the instrumental record, and the decade from 2000 through 2010 has been the warmest. The global combined land and ocean temperature data show an increase of about 0.89°C (0.69°C–1.08°C) over the period 1901–2012 and about 0.72°C (0.49°C–0.89°C) over the period 1951–2012 when described by a linear trend. Several independently analyzed data records of global and regional Land-

Surface Air Temperature (LSAT) obtained from station observations are in agreement that LSAT, as well as sea surface temperatures, has increased. In addition to these findings, there are identifiable signs that global warming is currently taking place, including substantial ice loss in the Arctic over the past two decades (IPCC 2014).

According to the CalEPA's 2010 Climate Action Team Biennial Report, potential impacts of climate change in California may include decreased snow pack, sea level rise, and increase in extreme heat days per year, high ground-level O<sub>3</sub> days, large forest fires, and drought (CalEPA 2010). Below is a summary of some of the potential impacts that could be experienced in California because of climate change.

## Air Quality

Higher temperatures, which are conducive to air pollution formation, could worsen air quality in many areas of California. Climate change may increase the concentration of ground-level O<sub>3</sub>, but the magnitude of the effect, and therefore its indirect effects, are uncertain. If higher temperatures are accompanied by drier conditions, the potential for large wildfires could increase, which, in turn, would further worsen air quality. However, if higher temperatures are accompanied by wetter, rather than drier conditions, the rains would tend to temporarily clear the air of particulate pollution and reduce the incidence of large wildfires, thereby ameliorating the pollution associated with wildfires. Additionally, severe heat accompanied by drier conditions and poor air quality could increase the number of heat-related deaths, illnesses, and asthma attacks throughout the state (CEC 2009).

## Water Supply

Analysis of paleoclimatic data (such as tree-ring reconstructions of stream flow and precipitation) indicates a history of naturally and widely varied hydrologic conditions in California and the west, including a pattern of recurring and extended droughts. Uncertainty remains with respect to the overall impact of climate change on future water supplies in California. However, the average early spring snowpack in the Sierra Nevada decreased by about 10 percent during the last century, a loss of 1.5 million acre-feet of snowpack storage. During the same period, sea level rose eight inches along California's coast. California's temperature has risen 1 degree Fahrenheit, mostly at night and during the winter, with higher elevations experiencing the highest increase. Many southern California cities have experienced their lowest recorded annual precipitation twice in the past decade. In a span of only two years, Los Angeles experienced both its driest and wettest years on record (California Department of Water Resources [DWR] 2008; California Climate Change Center [CCCC] 2009).

This uncertainty complicates the analysis of future water demand, especially where the relationship between climate change and its potential effect on water demand is not understood well. The Sierra snowpack provides the majority of California's water supply by accumulating snow during the state's wet winters and releasing it slowly during the state's dry springs and summers. Based upon historical data and modeling DWR projects that the Sierra snowpack will experience a 25 to 40 percent reduction from its historic average by 2050. Climate change is also anticipated to bring warmer storms that result in less snowfall at lower elevations, reducing the total snowpack (DWR 2008).

## Hydrology and Sea Level Rise

As discussed above, climate change could potentially affect: the amount of snowfall, rainfall, and snow pack; the intensity and frequency of storms; flood hydrographs (flash floods, rain or snow events, coincidental high tide and high runoff events); sea level rise and coastal flooding; coastal erosion; and the potential for salt water intrusion. According to *The Impacts of Sea-Level Rise on the California Coast* prepared by the CCCC (CCCC 2009), climate change has the potential to induce substantial sea level rise

in the coming century. The rising sea level increases the likelihood and risk of flooding. The rate of increase of global mean sea levels over the 2001-2010 decade, as observed by satellites, ocean buoys and land gauges, was approximately 3.2 mm per year, which is double the observed 20th century trend of 1.6 mm per year (World Meteorological Organization 2013). As a result, sea levels averaged over the last decade were about 8 inches higher than those of 1880. Sea levels are rising faster now than in the previous two millennia, and the rise is expected to accelerate, even with robust GHG emission control measures. The most recent IPCC report predicts a mean sea-level rise of 11-38 inches by 2100 (IPCC 2013). This prediction is more than 50 percent higher than earlier projections of 7 to 23 inches, when comparing the same emissions scenarios and periods. A rise in sea levels could result in coastal flooding and erosion and could jeopardize California's water supply due to saltwater intrusion. In addition, increased CO<sub>2</sub> emissions can cause oceans to acidify due to the carbonic acid it forms. Increased storm intensity and frequency could affect the ability of flood-control facilities, including levees, to handle storm events.

## Agriculture

California has a \$30 billion annual agricultural industry that produces half of the country's fruits and vegetables. Higher CO<sub>2</sub> levels can stimulate plant production and increase plant water-use efficiency. However, if temperatures rise and drier conditions prevail, water demand could increase; crop-yield could be threatened by a less reliable water supply; and greater air pollution could render plants more susceptible to pest and disease outbreaks. In addition, temperature increases could change the time of year certain crops, such as wine grapes, bloom or ripen, and thereby affect their quality (CCCC 2006).

## Ecosystems and Wildlife

Climate change and the potential resulting changes in weather patterns could have ecological effects on the local and global levels. Increasing concentrations of GHGs are likely to accelerate the rate and severity of climate change impacts. Scientists project that the average global surface temperature could rise by 1.0-4.5 degrees Fahrenheit in the next 50 years, and 2.2-10 degrees Fahrenheit during the next century, with substantial regional variation. Soil moisture is likely to decline in many regions, and intense rainstorms are likely to become more frequent. Rising temperatures could have four major impacts on plants and animals: (1) timing of ecological events; (2) geographic range; (3) species' composition within communities; and (4) ecosystem processes, such as carbon cycling and storage (Parmesan 2006).

### 3.1.4 Regulatory Setting

#### Federal

##### *USEPA "Endangerment" and "Cause or Contribute" Findings*

The U.S. Supreme Court in *Massachusetts et al. v. Environmental Protection Agency et al.* ([2007] 549 U.S. 05-1120) held that the United States Environmental Protection Agency (USEPA) has the authority to regulate motor-vehicle GHG emissions under the federal Clean Air Act (CAA). The USEPA issued a Final Rule for mandatory reporting of GHG emissions in October 2009. This Final Rule applies to fossil fuel suppliers, industrial gas suppliers, direct GHG emitters, and manufacturers of heavy-duty and off-road vehicles and vehicle engines, and requires annual reporting of emissions. In 2012, the USEPA issued a Final Rule that establishes the GHG permitting thresholds that determine when federal CAA



permits under the New Source Review Prevention of Significant Deterioration (PSD) and Title V Operating Permit programs are required for new and existing industrial facilities.

In 2014, the U.S. Supreme Court in *Utility Air Regulatory Group v. EPA* (134 S. Ct. 2427 [2014]) held that USEPA may not treat GHGs as an air pollutant for purposes of determining whether a source is a major source required to obtain a PSD or Title V permit. The Court also held that PSD permits otherwise required (based on emissions of other pollutants) may continue to require limitations on GHG emissions based on the application of Best Available Control Technology.

## State

The legal framework for GHG emission reduction in California is built upon executive orders, legislation, and regulations. The major components of California's climate change initiative are summarized below.

### *California Advanced Clean Cars Program*

Assembly Bill (AB) 1493 (2002), California's Advanced Clean Cars program (referred to as "Pavley"), requires CARB to develop and adopt regulations to achieve "the maximum feasible and cost-effective reduction of GHG emissions from motor vehicles." On June 30, 2009, USEPA granted the waiver of Clean Air Act preemption to California for its GHG emission standards for motor vehicles beginning with the 2009 model year. Pavley I regulates model years from 2009 to 2016 and Pavley II, which is now referred to as "LEV (Low Emission Vehicle) III GHG" regulates model years from 2017 to 2025. The Advanced Clean Cars program coordinates the goals of the Low Emissions Vehicles (LEV), Zero Emissions Vehicles (ZEV), and Clean Fuels Outlet programs, and would provide major reductions in GHG emissions. By 2025, when the rules will be implemented fully, new automobiles will emit 34 percent fewer GHGs and 75 percent fewer smog-forming emissions from their model year 2016 levels (CARB 2011).

### *Executive Order S-3-05*

In 2005, the governor issued Executive Order (EO) S-3-05, establishing statewide GHG emissions reduction targets. EO S-3-05 provides that by 2010, emissions shall be reduced to 2000 levels; by 2020, emissions shall be reduced to 1990 levels; and by 2050, emissions shall be reduced to 80 percent below 1990 levels (California Environmental Protection Agency [CalEPA] 2006). In response to EO S-3-05, CalEPA created the Climate Action Team (CAT), which in March 2006 published the Climate Action Team Report (the "2006 CAT Report") (CalEPA 2006). The 2006 CAT Report identified a recommended list of strategies that the state could pursue to reduce GHG emissions. These strategies could be implemented by various state agencies to ensure the emission reduction targets in EO S-3-05 are met and can be met with existing authority of the state agencies. The strategies include the reduction of passenger and light-duty truck emissions, the reduction of idling times for diesel trucks, an overhaul of shipping technology/infrastructure, increased use of alternative fuels, increased recycling, and landfill methane capture, and so on. In April 2015, the governor issued EO B-30-15, calling for a new target of 40 percent below 1990 levels by 2030.

### *Assembly Bill 32 and the California Climate Change Scoping Plan*

Assembly Bill (AB) 32 outlines California's major initiative for reducing GHG emissions; called the "California Global Warming Solutions Act of 2006," AB 32 was signed into law in 2006 and codifies the statewide goal of reducing GHG emissions to 1990 levels by 2020, and requires CARB to prepare a Scoping Plan that outlines the main state strategies for reducing GHGs to meet the 2020 deadline. In addition, AB 32 requires CARB to adopt regulations to require reporting and verification of statewide

GHG emissions. Based on this guidance, CARB approved a 1990 statewide GHG level and 2020 limit of 427 MMT CO<sub>2</sub>e. CARB approved the Scoping Plan on December 11, 2008, and included measures to address GHG emission reduction strategies related to energy efficiency, water use, and recycling and solid waste, among other measures. Many of the GHG reduction measures included in the Scoping Plan have been adopted (e.g., Low Carbon Fuel Standard, Advanced Clean Car standards, and Cap-and-Trade) since approval of the Scoping Plan.

In May 2014, CARB approved the first update to the AB 32 Scoping Plan. The 2013 Scoping Plan update defines CARB's climate change priorities for the next five years and sets the groundwork to reach post-2020 statewide goals. The update highlights California's progress toward meeting the "near-term" 2020 GHG emission reduction goals defined in the original Scoping Plan. It also evaluates how to align the state's longer-term GHG reduction strategies with other state policy priorities, such as for water, waste, natural resources, clean energy and transportation, and land use (CARB 2014).

The 2017 Scoping Plan Update was adopted on December 14, 2017. The Scoping Plan Update addresses the 2030 target established by Senate Bill (SB) 32, discussed below, and establishes a proposed framework of action for California to meet a 40 percent reduction in GHG emissions by 2030 compared to 1990 levels. The key programs that the Scoping Plan Update builds on include increasing the use of renewable energy in the state, the Cap-and-Trade Regulation, the Low Carbon Fuel Standard, and reduction of methane emissions from agricultural and other wastes (CARB 2017b).

#### *Senate Bill 97*

SB 97, signed in August 2007, acknowledges that climate change is an environmental issue that requires analysis in California Environmental Quality Act (CEQA) documents. In March 2010, the California Resources Agency (Resources Agency) adopted amendments to the *State CEQA Guidelines* for the feasible mitigation of GHG emissions or the effects of GHG emissions. The adopted guidelines give lead agencies the discretion to set quantitative or qualitative thresholds for the assessment and mitigation of GHG and climate change impacts.

#### *Senate Bill 375*

SB 375, signed in August 2008, enhances the state's ability to reach AB 32 goals by directing CARB to develop regional GHG emission reduction targets to be achieved from passenger vehicles by 2020 and 2035. In addition, SB 375 directs each of the state's 18 major Metropolitan Planning Organizations (MPO) to prepare a "sustainable communities strategy" (SCS) that contains a growth strategy to meet these emission targets for inclusion in the Regional Transportation Plan (RTP). On March 22, 2018, CARB adopted updated regional targets for reducing GHG emissions from 2005 levels by 2020 and 2035. The updated GHG emission reduction targets take effective October 1, 2018.

#### *Senate Bill 32*

On September 8, 2016, the governor signed SB 32 into law, extending AB 32 by requiring the state to further reduce GHGs to 40 percent below 1990 levels by 2030 (the other provisions of AB 32 remain unchanged). On December 14, 2017, CARB adopted the 2017 Scoping Plan, which provides a framework for achieving the 2030 target. The 2017 Scoping Plan relies on the continuation and expansion of existing policies and regulations, such as the Cap-and-Trade Program, as well as implementation of recently adopted policies and policies, such as SB 350 and SB 1383 (see below). The 2017 Scoping Plan also puts an increased emphasis on innovation, adoption of existing technology, and strategic investment to support its strategies. As with the 2013 Scoping Plan Update, the 2017 Scoping Plan does not provide project-level thresholds for land use development. Instead, it recommends that

local governments adopt policies and locally-appropriate quantitative thresholds consistent with a statewide per capita goal of six metric tons (MT) CO<sub>2</sub>e by 2030 and two MT CO<sub>2</sub>e by 2050 (CARB 2017b). As stated in the 2017 Scoping Plan, these goals may be appropriate for plan-level analyses (regional, sub-regional, county, or city level), but not for specific individual projects because they include all emissions sectors in the state.

#### *Senate Bill 350*

Adopted on October 7, 2015, SB 350 supports the reduction of GHG emissions from the electricity sector through a number of measures, including requiring electricity providers to achieve a 50 percent renewables portfolio standard by 2030, a cumulative doubling of statewide energy efficiency savings in electricity and natural gas by retail customers by 2030.

#### *Senate Bill 1368*

SB 1368 (Chapter 598, Statutes of 2006) is the companion bill of AB 32 and was signed by the Governor in September 2006. SB 1368 requires the California Public Utilities Commission (CPUC) to establish a GHG emission performance standard for baseload generation from investor-owned utilities by February 1, 2007. The California Energy Commission (CEC) also was required to establish a similar standard for local publicly owned utilities by June 30, 2007. These standards cannot exceed the GHG emission rate from a baseload combined-cycle natural gas-fired plant. The legislation further requires that all electricity provided to California, including imported electricity, must be generated from plants that meet the standards set by the CPUC and CEC. The Solar Facility meets the criteria of a renewable energy generation facility as defined in Chapter 8.6 of Division 15 of the Public Resources Code and therefore is determined by rule to comply with the GHG Emission Performance Standards requirements of SB 1368.

#### *Renewable Portfolio Standards*

The State's Renewables Portfolio Standard (RPS) was established in 2002 via SB 1078, which required 20 percent of the state's energy portfolio to be supplied by renewable sources such as solar, wind, hydroelectricity, geothermal, and bioenergy by 2017. RPS goals have been accelerated over time to require the state's energy portfolio to be supplied by renewable sources in increasingly higher percentages. Since SB X1-2 was signed in 2011, the RPS target has required all electricity retailers in the state, including investor-owned utilities, such as Pacific Gas and Electric (PG&E), Southern California Edison (SCE), and San Diego Gas and Electric (SDG&E), to procure 33 percent of their energy sales from renewable sources by the end of 2020 (CPUC 2018a). SB 350, passed in 2015, directs California utilities to further increase the amount of renewable energy to be delivered to customers to 50 percent by 2050. Collectively, PG&E, SCE, and SDG&E met the 33 percent goal in 2016 and are forecasted to reach 50 percent in 2020 (CPUC 2018b). SB 100, adopted on September 10, 2018, accelerated the state's RPS by requiring electricity providers to increase procurement from eligible renewable energy resources to 33 percent of total retail sales by 2020, 60 percent by 2030, and 100 percent by 2045. This further supports the reduction of GHG emissions from the electricity sector.

#### *CARB Resolution 07-54*

CARB Resolution 07-54 establishes 25,000 metric tons of GHG emissions as the threshold for identifying the largest stationary emission sources in California for purposes of requiring the annual reporting of emissions. This threshold was just over 0.005 percent of California's total inventory of GHG emissions for 2004.

*17 California Code of Regulations Section 95350 et seq.*

The purpose of this regulation is to achieve GHG emission reductions by reducing SF<sub>6</sub> emissions from gas-insulated switchgear. Owners of such switchgear must not exceed maximum allowable annual emissions rates, reduced each year until 2020, after which annual emissions must not exceed 1.0 percent. Owners must regularly inventory gas-insulated switchgear equipment, measure quantities of SF<sub>6</sub>, and maintain records of these for at least three years. Additionally, by June 1 each year, owners also must submit an annual report to CARB's Executive Officer for emissions that occurred during the previous calendar year.

## 3.2 Greenhouse Gas Impact Analysis

### 3.2.1 Methodology and Significance Thresholds

#### a. Methodology

##### Construction and Operational Emissions

Construction of the solar project would generate temporary GHG emissions primarily from the use of on-site construction equipment, vehicles transporting construction workers to and from the project site, and heavy-duty trucks used to export earth materials off-site. Site preparation and grading typically generate the greatest amount of emissions from grading equipment and soil hauling. Operational activities of the project would generate GHG emissions primarily from operation of maintenance equipment on-site and vehicles transporting employees to and from the project site. Emissions associated with decommissioning the project were conservatively assumed to be equivalent to construction of the project given the type of equipment required for decommissioning. The analysis relied on CARB's on-road vehicle emission factor model (EMFAC2017), CARB's 2017 Off-Road Equipment Inventory Model (OFFROAD2017), and emission factors obtained from the USEPA AP-42 *Compilation of Air Pollutant Emissions Factors* (as amended). The EMFAC2017 model was used to develop carbon dioxide (CO<sub>2</sub>) and methane (CH<sub>4</sub>) emission estimates. The California Climate Action Registry, January 2016, was used for on-road emissions of CH<sub>4</sub> and N<sub>2</sub>O. These emissions results were used to calculate carbon dioxide equivalent (CO<sub>2</sub>e).

Short-term and annual project emissions were estimated based on equipment and construction schedule assumptions developed from similar solar projects and using appropriate emission factors. The Association of Environmental Professionals (AEP) recommends that total construction GHG emissions resulting from a project be amortized over the project's estimated lifetime and added to GHG emissions (AEP 2010). As discussed in Section 1.4, *Operational Activities*, up to five employees may be required per project site during scheduled operation and maintenance activities. However, it is possible that the project would share personnel for each site thus reducing the project's on-site operational staff. To provide a conservative estimate, off-site emissions were based on the maximum number of employees that would be traveling to the site in a single day to perform maintenance activities if each project site required its own personnel (i.e., 25 total employees). Refer to Section 1, *Project Description*, and Appendix AQGHG for details on equipment fleet, hours of operation, vehicle miles traveled, and other assumptions used in this analysis.

## Indirect GHG Emissions Associated with Water Use

The use of water in California can involve substantial energy consumption, depending on the source of the water and the use location relative to the source. Major portions of the state rely on imported water from the State Water Project (California Aqueduct), the Central Valley Project, the Colorado River Aqueduct, the All-American Canal, and similar large-scale water distribution systems. Moving water across the state involves considerable energy consumption for pumping and delivering the water to the use location. The use of groundwater can involve substantial energy consumption to pump water from deep aquifers. In addition to the energy consumption associated with wholesale water supply, energy is consumed during local treatment for potable use and for local delivery. Most of the energy associated with water supply is provided by electricity, which is generated from a variety of sources, including fossil-fueled power plants that produce GHGs. Consequentially, the use of water for dust control and grading compaction during construction and photovoltaic panel washing during operations results in indirect GHG emissions.

As described in Section 1, *Project Description*, the project may require water during construction for dust suppression. During operation the project would require water for solar PV panel washing and facilities at the O&M buildings. Based on the energy factors in CPUC's *Embedded Energy in Water Studies* (CPUC 2010a) and assuming minimal treatment and delivery, it was estimated that each acre-foot of water requires 650 kilowatt-hours of electricity for project site delivery. The amount of GHG emissions associated with the 650 kilowatt-hours was conservatively based on the emissions profile for statewide average provided in the California Emissions Estimator Model (CalEEMod) (CAPCOA 2017).

## Displaced Emissions

Operation of the project would create renewable energy over the planned 30- to 40-year project lifetime. This energy would displace GHG emissions that would otherwise be produced by existing power generation resources, including coal and natural gas/other non-renewables. The project has the capacity to generate approximately 600 MW of electricity at peak sun exposure. Annual energy generation was estimated based on solar radiation at the project site and annual operational time.<sup>8</sup> Refer to Appendix AQGHG for detailed calculations related to the project's annual energy generation. The project is assumed to displace a fraction of existing current annual power generated by fossil-fuels. Displaced GHG emissions were estimated assuming that generated solar energy would displace energy generated from fossil fuels in the California market and does not include the approximate 30 percent of the California electricity generated by non-combustion sources (CEC 2018a).

### b. Significance Thresholds

The majority of individual projects do not generate sufficient GHG emissions to directly influence climate change. However, physical changes caused by a project can contribute incrementally to cumulative effects that are significant, even if individual changes resulting from a project are limited. The issue of climate change typically involves an analysis of whether a project's contribution towards an impact would be cumulatively considerable. "Cumulatively considerable" means that the incremental effects of an individual project are significant when viewed in connection with the effects of past projects, other current projects, and probable future projects (CEQA Guidelines, Section 15064[h][1]).

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<sup>8</sup> Photovoltaic cell capacity is rated in terms of mega or kilowatts and indicates the amount of instantaneous power produced when operating at peak sun exposure. Total amount of electricity produced is measured in watt-hours and is dependent on operational time. Operational time of a solar panel is defined by the amount of time that the photovoltaic cells are actively converting solar energy into power, which depends on solar radiation. Solar radiation is the measure of energy emitted from the sun and varies daily depending on the time of day, season, local landscape, and geography.

For future projects, the significance of GHG emissions may be evaluated based on locally adopted quantitative thresholds, consistency with a regional GHG reduction plan, or consistency with statewide regulations adopted to reduce GHG emissions. A project may not have an impact related to GHG emissions if it complies with an adopted plan that includes specific measures to sufficiently reduce GHG emissions (14 Cal. Code Regs. §15064[h](3)). According to the CEQA Guidelines, projects can tier off of a qualified GHG reduction plan, which allows for project-level evaluation of GHG emissions through the comparison of the project's consistency with the GHG reduction policies included in a qualified GHG reduction plan. The AEP considers this approach in its white paper, "Beyond Newhall and 2020," to be the most defensible approach presently available to determine the significance of a project's GHG emissions (AEP 2016).

Kern County has not developed a quantified threshold of significance for GHG emissions, but a project found to contribute to a net decrease in GHG emissions and found to be consistent with the adopted CARB 2017 Scoping Plan is presumed to have less than significant GHG impacts.

In March 2012, EKAPCD adopted an addendum to its CEQA Guidelines to address project-specific GHG impacts and for determining CEQA significance for GHG Emissions when EKAPCD is the CEQA lead agency. In these circumstances, a project would be considered to have a less than significant impact if the project meets one of the following conditions:

1. GHG emissions are less than 25,000 tons per year (tpy).
2. The project demonstrates to EKAPCD that it is in compliance with state GHG reduction plan such as AB 32 or future federal GHG reduction plan if it is more stringent than state plan.
3. Project GHG emissions will be mitigated to a less than significant impact if GHGs can be reduced by at least 20% below Business-As-usual (BAU) through implementation of one or more of the following strategies:
  - a. Compliance with a Best Performance Standard (BPS) as set forth in Section IV of EKAPCD CEQA GHG Policy
  - b. Compliance with GHG Offset as detailed in Section VI of the EKAPCD CEQA GHG Policy
  - c. Compliance with an Alternative GHG Reduction Strategy as discussed in Section VII of the EKAPCD CEQA GHG Policy

As such, project-generated emissions were compared to the applicable EKAPCD adopted GHG threshold of 25,000 metric tons per year.

### 3.2.2 Project Impacts

#### a. GHG Emissions

The project would generate GHG emissions directly and indirectly during construction, routine operational and maintenance activities, and decommissioning activities. The majority of emissions from the project would be generated during construction and decommissioning activities. Table 23 presents total estimated emissions from construction activities from on-site and off-site emission sources by individual project site and as a combined project. The estimated total GHG emissions during project construction would be approximately 8,578 MT CO<sub>2</sub>e over the 15-month construction period. It was conservatively assumed that decommissioning of the project would use the same type and amount of equipment in a similar schedule to construction, therefore decommissioning of the project was estimated to generate an equivalent amount of emissions as construction. This is a conservative estimate because on-road vehicles and off-site equipment would continue to improve in fuel efficiency

have increasingly reduced emissions, as such decommissioning emissions in 30 years<sup>9</sup> would likely be substantially lower than construction emissions. Estimated construction and decommissioning emissions related to the project amortized over 30 years, the anticipated project lifetime, would be approximately 572 MT CO<sub>2</sub>e per year. Additional details on calculations can be found in Appendix AQGHG.

**Table 23 Estimated Construction Emissions of Greenhouse Gases**

Year	Location	Emissions Source (MT CO <sub>2</sub> e)				Total (MT CO <sub>2</sub> e)
		Off-Road	On-site Mobile	Off-site Mobile	Indirect GHG Emissions from Water Use	
2021	Project Site #1	99	0.5	125	5	229
	Project Site #2	254	1.4	321	13	589
	Project Site #3	171	1.0	216	9	397
	Project Site #4	117	0.7	148	6	272
	Project Site #5	67	0.4	84	4	155
	<b>Subtotal</b>	<b>708</b>	<b>3.9</b>	<b>895</b>	<b>36</b>	<b>1,642</b>
2022	Project Site #1	513	1.6	452	2	968
	Project Site #2	1,318	4.0	1,161	4	2,487
	Project Site #3	889	2.7	784	3	1,678
	Project Site #4	609	1.9	537	2	1,149
	Project Site #5	346	1.1	305	1	654
	<b>Subtotal</b>	<b>3,675</b>	<b>11.2</b>	<b>3,239</b>	<b>12</b>	<b>6,937</b>
<b>Total Construction</b>		<b>4,383</b>	<b>15.1</b>	<b>4,133</b>	<b>48</b>	<b>8,578</b>
Construction and Decommissioning		8,765	30	8,267	95	17,157
Amortized Emissions (30-year life)		292	1	276	3	572

Note: Numbers have been rounded to nearest metric tons

Table 24 summarizes operational emissions associated with the project. Operation and maintenance of the project would generate GHG emissions largely through motor vehicle trips to and from the project site; on-site maintenance activities involving portable equipment and maintenance vehicles; and energy use associated with water consumption. As shown in Table 24, the project is estimated to emit 257 MT CO<sub>2</sub>e per year during operation. Off-site emissions from worker commutes account for approximately 85 percent of operational emissions. The total construction and decommissioning GHG emissions, amortized over 30 years, was added to the annual estimated operational emissions to estimate annual GHG emissions generated by the project. As shown in Table 24, the project would emit 829 MT CO<sub>2</sub>e per year, throughout the operational life of the project (assumed 30 years).

However, the construction and operation of new renewable energy facilities would offset GHG emissions by replacing fossil-fueled power plants. The project would generate approximately 1,480 gigawatt-hours (GWh) of solar-generated electricity each year that would be added to the power grid

<sup>9</sup> Although the project would be constructed to last up to 40 years, the project construction-generated emissions were amortized over 30 years to provide a conservative estimate.

and be used in place of electricity generated by fossil-fuel sources. Based on the project’s projected annual electricity generation and the GHG emissions generated due to fossil-fuel combustion to generate the same level of electricity, the project has the potential to displace 318,611 MT CO<sub>2</sub>e per year. Therefore, the net generation of annual GHG emissions would be -317,782 MT CO<sub>2</sub>e, as shown in Table 24. As such, the project would not exceed any regional GHG thresholds and would be consistent with state GHG reduction plans such as AB 32 and SB 32. Further, the project would result in an overall lifetime reduction of approximately 9,533,447 ( i.e. 317,782 \* 30 yrs = 9,533,447) MT CO<sub>2</sub>e and would therefore be regionally beneficial.

**Table 24 Estimated Annual Operational Greenhouse Gas Emissions**

Location	Emissions Source (MT CO <sub>2</sub> e)				Total (MT CO <sub>2</sub> e)
	Off-Road	On-site Mobile	Off-site Mobile	Indirect GHG Emissions from Water Use	
Project Site #1	<0.1	3	30	3	36
Project Site #2	<0.1	7	78	7	92
Project Site #3	<0.1	5	53	5	62
Project Site #4	<0.1	3	36	3	43
Project Site #5	<0.1	2	20	2	24
<b>Subtotal</b>	<b>&lt;0.1</b>	<b>20</b>	<b>217</b>	<b>20</b>	<b>257</b>
Amortized Construction and Decommissioning Emissions	292	1	276	3	572
<b>Annual Total</b>	<b>292</b>	<b>21</b>	<b>493</b>	<b>23</b>	<b>829</b>
<b>Annual Displaced GHG Emissions (MT/year)</b>					<b>318,611</b>
<b>Net Annual GHG Emissions (MT/year)</b>					<b>782</b>

Note: Numbers have been rounded to nearest metric tons

Additionally, the proposed on-site substations may feature circuit breakers that contain SF<sub>6</sub> gas, used as an insulator and an arc suppressor in the breakers. SF<sub>6</sub> is inert and non-toxic and is encapsulated in the breaker assembly. SF<sub>6</sub> is a GHG with substantial global warming potential because of its chemical nature and long residency time within the atmosphere. However, under normal conditions, it would be completely contained in the equipment and SF<sub>6</sub> would be released only in the unlikely event of a failure, leak, or crack in the circuit breaker housing. New circuit breaker designs have been developed to minimize the potential for leakage, compared to that of past designs, and the amount of SF<sub>6</sub> that could be released by the solar facility equipment would be minimal.

## **b. Consistency with GHG Reduction Plans and Policies**

As discussed in Section 3.1.1, *Regulatory Setting*, SB 100 accelerated the state’s RPS Program by increasing California’s procurement of electricity from renewable sources to 33 percent of total retail sales by 2020, 60 percent by 2030, and 100 percent by 2045. The project would generate approximately 1,480 GWh of electricity each year or approximately 44,413 GWh over the project’s 30 year lifetime. This additional solar-generated energy would be added to the power grid and used in place of electricity generated by fossil-fuel sources, and thus would directly support energy goals under SB 100 and the 2017 Scoping Plan Update. Replacement of fossil-fuel sources with renewable solar energy would also displace GHG emissions, ultimately off-setting any GHG emissions produced by construction, decommissioning, and operation of the project. Additionally, the project would be consistent with the



County's General Plan Resource goals to encourage solar development to conserve fossil fuels and improve air quality (Kern County 2009). Therefore, the project would be consistent with state and regional plans to reduce GHG emissions.

## 4 Recommendations

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As discussed, a construction schedule where construction activities occurred at each project site consecutively would not result in an exceedance of EKAPCD or County thresholds. Regardless, construction of the project would temporarily generate PM<sub>10</sub> emissions and Recommendation AQ-1 is necessary to comply with EKAPCD's rules and regulations related to permitting for a commercial solar power plant include Rule 201 (Permits Required), Rule 210.1 (New and Modified Stationary Review, NSR) and Rule 402 (Fugitive Dust). Further, due to earthmoving activities associated with construction of the project there is an increased potential for exposure of nearby residents and on-site workers to Valley Fever airborne spores, if they are present. Recommendation AQ-2 would reduce health risks associated with the potential exposure to Valley Fever spores. Lastly, Recommendation AQ-3 would ensure that construction emissions would not exceed applicable thresholds, if construction of all project sites occurred concurrently. The following recommendations would reduce air quality impacts from the project's construction activities.

### **AQ-1 Further Reduction of PM<sub>10</sub> Emissions during Construction, Decommissioning, and Operation, and Maintenance**

Develop a fugitive dust control plan (Plan) for the proposed project. The Plan should address short-term construction, long-term operational, and decommissioning activities. The Plan should be endorsed by the EKAPCD prior to the start of any earthmoving activity. The Plan should include all EKAPCD-recommended measures, including but not limited to, the following:

- a) Speed for all on-site construction vehicles shall not exceed 15 miles per hour (mph) on any unpaved surface on the construction site. Signs identifying construction vehicle speed limits shall be posted along on-site roadways, at the site entrance/exit, and along unpaved site access roads.
- b) All on-site unpaved roads and off-site unpaved project site access road(s) shall be effectively stabilized from dust emissions using water or EKAPCD-approved dust suppressants/palliatives, sufficient to prevent wind-blown dust exceeding 20 percent opacity at nearby residences or public roads. If water is used, watering shall occur at a minimum of three times daily, sufficient to keep soil moist along actively used roadways. During the dry season, unpaved road surfaces and vehicle parking/staging areas shall be watered immediately prior to periods of high use (e.g., worker commute periods, truck convoys), Reclaimed (non-potable) water shall be used to the extent available.
- c) Reduce and/or phase the amount of the disturbed area (e.g., grading, excavation) where possible.
- d) All disturbed areas shall be sufficiently watered or stabilized by EKAPCD-approved methods to prevent excessive dust. On dry days, watering shall occur a minimum of three times daily on actively disturbed areas. Watering frequency shall be increased whenever wind speeds exceed 15 mph, or as necessary, to prevent wind-blown dust exceeding 20 percent opacity at nearby residences or public roads. Reclaimed (non-potable) water shall be used to the extent available.
- e) All clearing, grading, earth moving, and excavation activities will cease during periods when dust plumes of 20 percent or greater opacity affect public roads or nearby occupied structures.

- f) All disturbed areas anticipated to be inactive for periods of 30 days or more shall be treated to minimize wind-blown dust emissions. Treatment may include, but is not limited to, the application of an EKAPCD-approved chemical dust suppressant, gravel, hydro-mulch, revegetation/seedling, or wood chips.
- g) All active and inactive disturbed surface areas shall be compacted, where feasible.
- h) Equipment and vehicle access to disturbed areas shall be limited.
- i) Where applicable, permanent dust control measures shall be implemented as soon as possible following completion of any soil-disturbing activities.
- j) Stockpiles of dirt or other fine loose material shall be stabilized by watering or other appropriate methods sufficient to reduce visible dust emissions to a limit of 20 percent opacity. If necessary and where feasible, three-sided barriers shall be constructed around storage piles and/or piles shall be covered by tarps, hydro-mulch, woodchips, or other materials sufficient to minimize wind-blown dust.
- k) Water shall be applied prior to and during the demolition of on-site structures, sufficient to minimize wind-blown dust.
- l) Where required by the fire department, weed control will be accomplished by mowing instead of disking, thereby leaving the ground undisturbed and covered with mulch.
- m) All trucks hauling dirt, sand, soil, or other loose materials shall be covered or shall maintain at least two feet of freeboard (minimum vertical distance between top of the load and top of the trailer) in accordance with California Vehicle Code Section 23114.
- n) Gravel pads, grizzly strips, or other material track-out control methods approved for use by the EKAPCD shall be installed where vehicles enter or exit unpaved roads onto paved roadways.
- o) Haul trucks and off-road equipment leaving the site shall be washed with water or high-pressure air, and/or use rocks/grates at the project entry points, when necessary, to remove soil deposits and to minimize the track-out/deposition of soil onto nearby paved roadways.
- p) Paved road surfaces located adjacent to the site access road(s), including adjoining paved aprons, shall be cleaned, as necessary, to remove visible accumulations of track-out material. If dry sweepers are used, the area shall be sprayed with water prior to sweeping to minimize the entrainment of dust. Reclaimed water shall be used to the extent available.
- q) Portable equipment with 50 horsepower or greater used during construction activities (e.g., portable generators, concrete batch plant) will require California statewide portable equipment registration (issued by CARB) or an EKAPCD permit.
- r) The Fugitive Dust Control Plan shall identify a designated person or persons to monitor the fugitive dust emissions and enhance the implementation of the measures, as necessary, to minimize the off-site transport of dust and to ensure compliance with identified fugitive dust control measures. Their duty hours shall include holidays and weekend periods when work may not be in progress. The names and telephone numbers of such persons shall be provided to the EKAPCD Compliance Division prior to the start of any grading, earthwork, or demolition.
- s) Signs shall be posted at the project site entrance and written notifications shall be provided a minimum of 30 days prior to initiation of project construction to residential land uses located within 1,000 feet of the project site. The signs and written notifications shall include the following information: (a) project name; (b) anticipated construction schedule(s); and (c)

telephone number(s) for designated construction activity monitor(s) or, if established, a complaint hotline.

- t) The designated construction monitor will document and immediately notify EKAPCD of any air quality complaints received. If necessary, the applicant and/or contractor will coordinate with EKAPCD to identify any additional feasible measures and/or strategies to implement to address public complaints.

## **AQ-2 Minimize Personnel and Public Exposure to Valley Fever**

Including the following in the Fugitive Dust Control Plan to be prepared for this project as discussed in Recommendation AQ-2:

- a) Equipment, vehicles, and other items shall be cleaned thoroughly of dust before they are moved off site to other work locations.
- b) Wherever possible, grading and trenching work shall be phased so that earth-moving equipment works well ahead or down-wind of workers on the ground.
- c) The area immediately behind grading or trenching equipment shall be sprayed with water before ground workers move into the area.
- d) In the event that a water truck runs out of water before dust is dampened sufficiently, ground workers exposed to dust are to leave the area until a full truck resumes water spraying.
- e) All heavy-duty earth-moving vehicles shall be closed-cab and equipped with a High Efficiency Particulate Arrestance (HEPA) filtered air system.
- f) Workers shall receive training to recognize the symptoms of Valley Fever and shall be instructed to promptly report suspected symptoms of work-related Valley Fever to a supervisor. Evidence of training shall be provided to the Kern County Planning and Community Development Department within 24 hours of the training session.
- g) A Valley Fever informational handout shall be provided to all on-site construction personnel. The handout shall provide, at a minimum, information regarding the symptoms, health effects, preventative measures, and treatment.

## **AQ-3 Worker Trip Reduction**

If construction of all project sites would occur concurrently, restrict worker roundtrips to 250 per day per construction activity. A reduction in worker trips can be achieved through worker rideshare programs or other travel demand management strategies.

## 5 Conclusions

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### 5.1 Air Quality

As discussed in Section 2.2, *Air Quality Impact Analysis*, sequential construction and decommissioning of each project site individually would not exceed the significance thresholds established by the County or EKAPCD. If construction activities occurred at all project sites simultaneously the project would generate fugitive dust emissions of PM<sub>10</sub> during construction and decommissioning of the project that exceed the County's significance threshold, largely due to emissions associated with worker trips. However as previously discussed in the combined analysis for Air Quality, construction at some sites could occur concurrently without exceeding the established County PM<sub>10</sub> thresholds. Construction at all project sites could occur simultaneously without exceedance of applicable thresholds with implementation of Recommendation AQ-3, which would restrict worker roundtrips to 250 per day per construction activity, and implementation of the required standard dust control measures per EKAPCD Rule 402. As previously mentioned, EKAPCD has determined that commercial solar power plants generate fugitive dust emission in eastern Kern County and, therefore, in accordance with Rule 201 (Permits Required) and 210.1 (New and Modified Stationary Source Review), commercial solar facilities are required to obtain a district air permit. Because construction of the project would disturb more than 10 acres on contiguous surface area, Recommendation AQ-1, development of a fugitive dust monitoring plan, is necessary to obtain a permit to construct and operate the project within the County.

Due to earthmoving activities associated with construction, there is the potential for nearby residents and on-site workers to have an increased risk of exposure to Valley Fever if spores are present. Recommendation AQ-2 is not required to comply with the EKAPCD's permitting rules for a commercial solar field, however is recommended to reduce health impacts to the surrounding communities and on-site workers. Valley Fever spores are naturally occurring in the soil of Kern County and fungal spores can become airborne during ground disturbances, such as construction work. Reduction of dust disturbance or stabilization of dust will reduce the amount of fungal spores becoming airborne and thus reduce the incidences of individuals becoming infected.

### 5.2 Health Risk Assessment

As shown in Table 14 through Table 18 construction of each project site is not anticipated to result in a significant exposure risk to DPM because of the large area in which the construction would occur relative to the fixed location of the receptors and because construction activities would be temporary. Although decommissioning emissions are expected to comprise only a fraction of the construction emissions, the health impact related to future decommissioning activities was assumed to be equivalent to health impacts related to construction activity. The health risk associated with each project site does not exceed EKAPCD significance thresholds of 2.00E-05 for excess cancer risk and 1.0 for chronic health risks. Furthermore, as shown in Table 19 even if all sites were constructed simultaneously, the combined project health risk would not exceed applicable health risk thresholds.

### 5.3 GHG

As discussed in Section 3.2, *Greenhouse Gas Impact Analysis*, the project would not generate GHG emissions that would exceed local and regional significance thresholds and is consistent with applicable

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**Aratina Solar Project**

GHG reduction plans. Further, due to being a renewable solar energy project, the project would reduce the local, regional, and statewide cumulative GHG emissions and offset a portion of the incremental cumulative GHG impacts of other projects. The project would support Kern County's General Plan Resource Goal to promote solar development to conserve fossil fuels and would be regionally beneficial to air quality.

## 6 References

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# Appendix AQGHG

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Bulk Emissions Calculations

**Aratina Solar Project - 600 MW**  
Emissions Factors Used in Analysis

<b>Exhaust Emissions Factors for Equipment in Mojave Desert Air Basin</b>															
Equipment <sup>1, 2, 3</sup>	Fuel Type	Consumption (gallons/hr)	Actual HP	Modeled HP	HC lbs/hr	ROG lbs/hr	TOG lbs/hr	CO lbs/hr	NOx lbs/hr	CO <sub>2</sub> lbs/hr	PM <sub>10</sub> lbs/hr	PM <sub>2.5</sub> lbs/hr	tal PM lbs	SO <sub>x</sub> lbs/hr	NH <sub>3</sub> lbs/hr
Air Compressor	diesel	1.03E+00	78	50	2.78E-02	3.31E-02	4.00E-02	2.03E-01	1.69E-01	2.23E+01	9.49E-03	8.74E-03	9.49E-03	2.88E-04	1.89E-04
Crane	diesel	2.74E+00	231	237.5	3.97E-02	4.81E-02	5.72E-02	2.87E-01	5.32E-01	6.16E+01	2.47E-02	2.27E-02	2.47E-02	5.68E-04	5.03E-04
Crawler Tractor	diesel	3.31E+00	212	175	5.10E-02	6.17E-02	7.35E-02	4.68E-01	6.22E-01	7.45E+01	3.47E-02	3.19E-02	3.47E-02	6.87E-04	6.08E-04
Drum Roller Compactor	diesel	2.24E+00	134	137.5	1.97E-02	2.39E-02	2.84E-02	2.99E-01	2.53E-01	5.04E+01	1.35E-02	1.24E-02	1.35E-02	4.66E-04	4.11E-04
Excavator	diesel	2.89E+00	212	175	2.22E-02	2.68E-02	3.19E-02	3.80E-01	2.52E-01	6.49E+01	1.22E-02	1.13E-02	1.22E-02	6.00E-04	5.30E-04
Generator Set	diesel	1.07E+00	84	75	9.03E-03	1.09E-02	1.30E-02	1.65E-01	1.20E-01	2.42E+01	9.00E-04	8.28E-04	9.00E-04	2.23E-04	1.97E-04
Grader	diesel	3.15E+00	187	175	5.48E-02	6.64E-02	7.90E-02	4.71E-01	6.36E-01	7.08E+01	3.55E-02	3.26E-02	3.55E-02	6.53E-04	5.78E-04
Off-highway Truck	diesel	5.79E+00	402	450	4.79E-02	5.80E-02	6.90E-02	3.35E-01	5.02E-01	1.30E+02	1.89E-02	1.74E-02	1.89E-02	1.20E-03	1.06E-03
Other Construction Equipment	diesel	3.26E+00	172	175	3.82E-02	4.62E-02	5.50E-02	4.45E-01	4.82E-01	7.33E+01	2.52E-02	2.32E-02	2.52E-02	6.77E-04	5.98E-04
Rough-terrain Forklift	diesel	2.30E+00	100/130	137.5	1.79E-02	2.16E-02	2.57E-02	3.05E-01	2.30E-01	5.17E+01	1.22E-02	1.13E-02	1.22E-02	4.77E-04	4.22E-04
Rubber-tired Loader	diesel	2.80E+00	203	175	3.42E-02	4.14E-02	4.93E-02	4.01E-01	3.73E-01	6.30E+01	2.04E-02	1.88E-02	2.04E-02	5.82E-04	5.15E-04
Skid Steer	diesel	1.34E+00	75	75	8.40E-03	1.02E-02	1.21E-02	1.87E-01	1.35E-01	3.02E+01	5.41E-03	4.97E-03	5.41E-03	2.79E-04	2.47E-04
Trencher (big)	diesel	5.94E+00	300	300	6.70E-02	8.11E-02	9.66E-02	3.98E-01	9.79E-01	1.34E+02	3.89E-02	3.58E-02	3.89E-02	1.23E-03	1.09E-03
Trencher (small)	diesel	1.84E+00	78	75	5.49E-02	6.64E-02	7.91E-02	3.42E-01	5.58E-01	4.15E+01	3.77E-02	3.46E-02	3.77E-02	3.82E-04	3.38E-04
Vibratory Post Driver	diesel	3.26E+00	158	175	3.82E-02	4.62E-02	5.50E-02	4.45E-01	4.82E-01	7.33E+01	2.52E-02	2.32E-02	2.52E-02	6.77E-04	5.98E-04

1. Emissions factors for diesel and gasoline equip developed from the CARB 2017 Off-Road Inventory Model for year 2021. Horsepower ratings rounded up to next highest category to provide a conservative estimate of total emissions. Note that emission factors from the 2017 Inventory Model are substantially lower than in the previous OFFROAD2011 model because of changed assumptions by CARB regarding load factors, hours of use, fuel consumption, and equipment population.  
2. "Other Construction Equipment" used for vibratory post driver.

**On-Road Mobile Vehicle Emission Factors Used in Analysis**

Source: Kern (MD), EMFAC 2017 Annual Average, Year 2021

**Running Emissions, grams/mile**

Vehicle Type	Speed	ROG	TOG	CO	NO <sub>x</sub>	SO <sub>x</sub>	PM <sub>10</sub> (g/mile)			PM <sub>2.5</sub> * (g/mile)			CO <sub>2</sub>	CH <sub>4</sub>	N <sub>2</sub> O
							Exhaust	Tire Wear	Brake	Exhaust	Tire Wear	Brake			
LDA	10	0.054299411	0.078527218	1.347225921	0.08138168	0.005285559	0.006904451	0.008000002	0.036750011	0.006360808	0.002	0.015750005	534.3778	0.013370004	0.009329429
LDA	55	0.009411187	0.013669752	0.635862847	0.047850366	0.0026241	0.00124563	0.008000002	0.036750011	0.001149284	0.002	0.015750005	265.2807	0.002340135	0.005282045
LDT2	10	0.113875225	0.165736995	2.316214923	0.233921598	0.006862602	0.007462904	0.008000002	0.036750011	0.006865988	0.002	0.015750005	693.6342	0.026231209	0.01667386
LDT2	55	0.020821614	0.030341238	1.094537687	0.135351522	0.00340918	0.001334833	0.008000002	0.036750011	0.001228682	0.002	0.015750005	344.5699	0.004772396	0.009568516
LHD2	10	0.46423082	0.536538601	2.234301639	1.899541987	0.012785684	0.049500457	0.01106541	0.089180026	0.047316278	0.00276635	0.038220011	1332.875	0.025901622	0.149548713
LHD2	55	0.074065754	0.084938647	0.531479091	2.805882703	0.005462701	0.018208651	0.01162367	0.089180026	0.017417909	0.00290592	0.038220011	573.9193	0.003762344	0.078540398
MHDT	10	0.93089634	1.074273286	2.187734463	6.968026476	0.020797924	0.139144122	0.012000003	0.130340037	0.133100483	0.003	0.055860016	2182.89	0.050244503	0.287278885
MHDT	55	0.081651737	0.096066154	0.590544102	1.969250583	0.009091322	0.070170375	0.012000003	0.130340037	0.067129991	0.003	0.055860016	952.1907	0.005250017	0.120014736
MDV	10	0.128522056	0.179799516	2.531670728	0.217932089	0.008253695	0.007353134	0.008000002	0.036750011	0.006784253	0.002	0.015750005	835.0966	0.027094608	0.019212492
MDV	55	0.025203682	0.034849455	1.169714179	0.135013204	0.004092362	0.001402286	0.008000002	0.036750011	0.001297001	0.002	0.015750005	414.007	0.005158624	0.010920095
HHDT	10	0.489390526	0.55714819	1.984211219	11.27049963	0.027592379	0.049925506	0.03596705	0.06168487	0.047765742	0.00899176	0.026436373	2920.591	0.022739541	0.459056542
HHDT	55	0.044923547	0.051149415	0.215741884	2.051619893	0.011065852	0.045143928	0.035965447	0.061684875	0.043191017	0.00899136	0.026436375	1171.286	0.002091019	0.184082731

**Start Emissions, grams/trip**

Vehicle Type	ROG	TOG	CO	NO <sub>x</sub>	SO <sub>x</sub>	PM <sub>10</sub>	PM <sub>2.5</sub>	CO <sub>2</sub>	CH <sub>4</sub>	N <sub>2</sub> O
LDA	0.286980058	0.314204266	2.415478206	0.217709966	0.000561255	0.002036305	0.001872448	56.71645462	0.062373566	0.028304269
LDT2	0.490788457	0.537348218	3.170523491	0.413381154	0.000755176	0.002277637	0.002094421	76.31268731	0.097512032	0.039260161
LHD2	0.029590538	0.032397915	0.36941926	0.11029023	4.24685E-05	7.65054E-05	7.03439E-05	4.291563037	0.005820018	0.008224845
MHDT	0.030545634	0.033443624	0.689405452	1.197738419	5.02115E-05	7.77406E-05	7.14796E-05	5.074013572	0.005553845	0.003646446
MDV	0.5684099	0.622208886	3.951603941	0.45951846	0.000930797	0.002406107	0.002215998	94.05972289	0.108955854	0.041142166
HHDT	4.51281E-07	4.94095E-07	0.000613997	1.938833935	2.94789E-08	2.52264E-08	2.31947E-08	0.002978929	8.63483E-08	9.51932E-08

**Additional ROG Emissions**

Vehicle Type	Additional ROG Emissions			Additional TOG Emissions		
	Diurnal (g/vehicle/day)	Hot Soak (g/trip)	g Losses (g/vehicle/running)	Diurnal (g/vehicle/day)	Hot Soak (g/trip)	ng Losses (g/vehicle/Running)
LDA	0.32733974	0.123924524	0.25193818	0.243414079	0.32733974	0.123924524
LDT2	0.628717171	0.208979759	0.479056604	0.704677931	0.628717171	0.208979759
LHD2	0.01329524	0.028245733	0.006239152	0.177096147	0.01329524	0.028245733
MHDT	0.008698231	0.013682678	0.003995934	0.077193669	0.008698231	0.013682678
MDV	0.612516433	0.202983941	0.502419233	0.632750837	0.612516433	0.202983941
HHDT	3.88011E-07	4.0635E-07	1.8141E-07	1.01473E-06	3.88011E-07	4.0635E-07

<sup>1</sup> Diurnal/resting losses have to do with the vehicle population on site as it "rests"

Note: Mobile emission factors are weighted averages based on the vehicle population per fuel type, vehicle class and speed obtained from EMFAC2017.

Additional Greenhouse Gas Emissions Factors <sup>1</sup>	Indirect Water Supply GHG Emissions	Statewide Average Electricity Generation <sup>1</sup>
GHG Global Warming Potential <sup>1,2</sup>	State Water Project/ Central Valley Pro	CO <sub>2</sub> : 1002,000 lbs/MWH
CO <sub>2</sub> : 1 GWP	Local Supply (Groundwater)	CH <sub>4</sub> : 0.029 lbs/MWH
CH <sub>4</sub> : 28 GWP	Local Treatment	N <sub>2</sub> O: 0.00617 lbs/MWH
N <sub>2</sub> O: 265 GWP	Local Delivery	0.00045561 MT/kwh
	<b>Factor used:</b>	<b>Indirect GHG Factor:</b>
	1993 kwh/MG <sup>3</sup>	0.296 MT/Acre Foot
	649 kwh/AF	
Note: 1 ton (short, US) = 0.90718474 metric ton.	Note: 1 million gallons (MG) = 3.07 acre feet (AF)	Note: 1 Metric Tons (MT) = 2204.62 lbs

1. Based on 100 Yr GWP from IPCC Fifth Assessment, 2016.

2. No climate-carbon feedbacks (CC fb) included

1. *Embedded Energy in Water Studies, 2010a: Study 1, Figure 3.4: Dos Amigos Pumping Plant. (p.62-63)*

2. *Embedded Energy in Water Studies, 2010b: Study 2, Table 4-6: Central Valley energy intensity range for groundwater (main water supply)*

3. *Embedded Energy in Water Studies, 2010b: Study 2, Table 4-6: Lowest Statewide energy intensity value used because no Central Valley specific values, but minimal treatment of water observed in Central Valley agencies*

4. *Embedded Energy in Water Studies, 2010b: Study 2, Table 4-6: Statewide energy intensity values assuming booster pump use on moderate terrain*

5. *Energy intensity (EI) value used for analysis = the average supply EI + minimal water treatment EI + average local delivery EI*

1. *California Emissions Estimator Model, CAPCOA 2017*

**Paved roads - Emission Factor Derivation Table**

$$E_{ext} = [ k (SL)^{0.91} \times (W)^{1.02} ] (1 - P/4N)$$

where:

E=particulate emissions factor (lb/VMT)

k = particle size multiplier

sL = road surface silt loading (g/m<sup>2</sup>)

W = average vehicle weight class (tons)

P = # of "wet" days with at least 0.01 inch of precipitation

N = # of days in averaging period (default 365 for annual)

Parameter	Unit	On-Site Vehicles <sup>5</sup>			
		PM10	PM2.5	PM10	PM2.5
Mean Vehicle Weight <sup>1</sup>	tons	2.2	2.2	10	10
k factor <sup>2</sup>	lb/VMT	0.016	0.0024	0.016	0.0024
Silt Loading, sL <sup>3</sup>	g/m <sup>2</sup>	0.1	0.1	0.1	0.1
precipitation, P <sup>4</sup>	days	24	24	24	24
Averaging period, N <sup>5</sup>	days	365	365	365	365
<b>Uncontrolled Emission factor, E</b>	<b>lb/VMT</b>	<b>0.00432706</b>	<b>0.00065</b>	<b>0.02027</b>	<b>0.00304</b>

Notes:

1. Assumption based on the mix of all vehicles (not just project vehicles) driving on paved roads to site. Eland EIR used 2.2 tons versus CA Statewide MVW = 2.4 tons (CARB 7.9, November 2016).

2. Consistent with Eland EIR assumption obtained from URBEMIS. Note that AP-42 Table 13.2.1-1 recommends 0.0022 lb/VMT for PM10 and 0.00054 lb/VMT for PM2.5. PM2.5 factor is estimated to be 15% of PM10 per CARB's *Miscellaneous Process Methodology 7.9 Entrained Road Travel, Paved Road Dust* (November 2016).

3. Consistent with Eland EIR assumption obtained from URBEMIS. Note that CARB 7.9, Nov 2016: Table 3. Values for roadway categories ranges from 0.015 for "freeways" to 0.32 for "local" roads.

4. CARB 7.9, Nov 2016: Table 8. Kern county receives ≥ 0.01 inches of rain 24 days/year

5. AP-42 13.2 eqn 2 (EPA, January 2011)

6. Assumption based on onsite fleet mix of heavy, medium and light duty trucks (<https://www.epa.gov/emission-standards-reference-guide/vehicle-weight-classifications-emission-standards-reference-guide>) and silt loading for "Local" roadway category (CARB 7.9, Nov 2016: Table 3).

**Unpaved roads - Emission Factor Derivation Table**

$$E.F._{dust,j} = \left( \frac{k(s/12)^1 (S/30)^{0.5}}{(M/0.5)^{0.2}} - C \right) \left( 1 - \frac{P}{365} \right)$$

where:

E=particulate emissions factor (lb/VMT)

k = particle size multiplier for particle size range and units of interest

s = surface material silt content (%)

M= surface material moisture content (%)

S = mean vehicle speed (mph)

C = emission factor for 1980s vehicle fleet exhaust, brake wear and tire wear

P = # of "wet" days with at least 0.01 inch of precipitation

Parameter	Unit	PM10	PM2.5
Particle size, k <sup>1</sup>	lbs/VMT	1.8	0.18
Silt content, s <sup>2</sup>	%	4.3	4.3
Surface moisture content, M <sup>3</sup>	%	0.5	0.5
Mean vehicle speed, S <sup>4</sup>	mph	40	40
Exhaust emission factor, C <sup>5</sup>	lbs/VMT	0.00047	0.00036
precipitation, P <sup>6</sup>	days	24	24
<b>Uncontrolled Emission factor, E</b>	<b>lb/VMT</b>	<b>0.70</b>	<b>0.07</b>
Control efficiency for watering <sup>7</sup>	%	0.55	0.55
<b>Controlled Emission factor, E</b>	<b>lb/VMT</b>	<b>0.31</b>	<b>0.031</b>
Control efficiency for dust palliative <sup>8</sup>	%	0.84	0.84
<b>Controlled Emission factor, E</b>	<b>lb/VMT</b>	<b>0.11</b>	<b>0.01</b>

Notes:

1. Consistent with Eland EIR assumption obtained for Public Roads from AP-42 Table 13.2.2-2.

2. Consistent with Eland EIR assumption obtained from URBEMIS. Note that AP-42 recommends range from 1.8-35 % for public roads (Table 13.2.2-3). CARB 7.9, Nov 2016: Table 3. Values for roadway categories ranges from 0.015 for "freeways" to 0.32 for "local" roads.

3. Consistent with Eland EIR assumption obtained from URBEMIS. Note that AP-42 recommends range from 0.03-13 % for public roads (Table 13.2.2-3).

4. Consistent with Eland EIR assumption. Note that AP-42 recommends range from 10-55 mph for public roads (Table 13.2.2-3).

5. AP-42 recommended emission factor for 1980's vehicles fleet exhaust, brake wear and tire wear for unpaved roads (Table 13.2.2-4.)

6. CARB 7.9, Nov 2016: Table 8. Kern county receives ≥ 0.01 inches of rain 24 days/year

7. MRI, April 2001. Particulate Emission Measurements from Controlled Construction Activities, EPA/600/R-01/031.

8. Per CARB certification for Soil Cement®

**Aratina Solar Project - 600 MW**  
**On-Site Equipment Combustion Emissions<sup>1</sup>**

Phase 1 - Site Prep and Grading		# of Days in Phase : 86														
Equipment	HP Estimate	Number of Units	Daily Hours	Days in Use	Total Hourly Usage (units*hours per day*days)	HC lbs	ROG lbs	TOG lbs	CO lbs	NO <sub>x</sub> lbs	CO <sub>2</sub> lbs	PM <sub>10</sub> lbs	PM <sub>2.5</sub> lbs	NH <sub>3</sub> lbs	SO <sub>x</sub> lbs	MT of CO <sub>2e</sub>
Crawler Tractor	212	1	5	86	429	21.90	26.50	31.54	200.83	267.10	31,965.87	14.88	13.69	0.26	0.29	14.5
Grader	187	3	8	86	2,060	113.00	136.73	162.72	970.86	1,310.24	145,947.15	73.05	67.20	1.19	1.35	66.2
Off-highway Truck	402	5	8	86	3,434	164.63	199.20	237.06	1,151.93	1,722.79	447,591.00	64.78	59.60	3.65	4.13	203.0
Drum Roller Compactor	134	2	8	86	1,374	27.10	32.79	39.02	411.18	346.88	69,249.20	18.55	17.06	0.57	0.64	31.4
Rubber-tired Loader	203	2	8	86	1,374	47.02	56.89	67.71	551.16	512.66	86,590.86	28.04	25.80	0.71	0.80	39.3
Rough-terrain Forklift	130	3	8	86	2,060	36.82	44.55	53.02	627.40	474.21	106,502.00	25.20	23.18	0.87	0.98	48.3
Skid Steer	75	3	8	86	2,060	17.31	20.94	24.92	386.29	277.59	62,283.50	11.14	10.25	0.51	0.58	28.3
<b>AVG EXHAUST EMISSIONS PER DAY</b>						<b>4.98</b>	<b>6.03</b>	<b>7.18</b>	<b>50.08</b>	<b>57.21</b>	<b>11,067.58</b>	<b>2.74</b>	<b>2.53</b>	<b>0.09</b>	<b>0.10</b>	<b>5.02</b>
<b>TOTAL</b>						<b>427.77</b>	<b>517.60</b>	<b>615.99</b>	<b>4,299.65</b>	<b>4,911.47</b>	<b>950,129.57</b>	<b>235.63</b>	<b>216.78</b>	<b>7.75</b>	<b>8.77</b>	<b>430.97</b>

Phase 2 - Tracker Foundations		# of Days in Phase : 150														
Equipment	HP Estimate	Number of Units	Daily Hours	Days in Use	Total Hourly Usage (units*hours per day*days)	HC lbs	ROG lbs	TOG lbs	CO lbs	NO <sub>x</sub> lbs	CO <sub>2</sub> lbs	PM <sub>10</sub> lbs	PM <sub>2.5</sub> lbs	NH <sub>3</sub> lbs	SO <sub>x</sub> lbs	MT of CO <sub>2e</sub>
Air Compressor	78	1	8	150	1,200	33.36	39.71	48.04	243.88	202.92	26,700.72	11.39	10.48	0.23	0.35	12.1
Generator Set	84	3	8	150	3,600	32.50	39.33	46.81	595.64	431.13	87,041.47	3.24	2.98	0.71	0.80	39.5
Off-highway Truck	402	5	8	150	6,000	287.65	348.06	414.22	2,012.74	3,010.19	782,064.23	113.19	104.13	6.38	7.22	354.7
Other Construction Equipment	172	1	2	150	300	11.46	13.87	16.50	133.38	144.46	21,998.56	7.57	6.96	0.18	0.20	10.0
Rough-terrain Forklift	100	5	8	150	6,000	107.22	129.74	154.40	1,827.07	1,380.97	310,146.99	73.38	67.51	2.53	2.86	140.7
Rubber-tired Loader	203	1	8	150	1,200	41.08	49.70	59.15	481.52	447.88	75,648.99	24.50	22.54	0.62	0.70	34.3
Vibratory Post Driver	158	7	8	150	8,400	320.86	388.24	462.03	3,734.64	4,044.99	615,959.59	211.92	194.96	5.03	5.69	279.4
Skid Steer	75	7	8	150	8,400	70.56	85.37	101.60	1,574.90	1,131.73	253,928.14	45.42	41.79	2.07	2.35	115.2
<b>AVG EXHAUST EMISSIONS PER DAY</b>						<b>6.03</b>	<b>7.29</b>	<b>8.69</b>	<b>70.69</b>	<b>71.96</b>	<b>14,489.92</b>	<b>3.27</b>	<b>3.01</b>	<b>0.12</b>	<b>0.13</b>	<b>6.57</b>
<b>TOTAL</b>						<b>904.69</b>	<b>1,094.01</b>	<b>1,302.75</b>	<b>10,603.77</b>	<b>10,794.27</b>	<b>2,173,488.68</b>	<b>490.60</b>	<b>451.35</b>	<b>17.75</b>	<b>20.17</b>	<b>985.88</b>

Phase 3 - Underground Cabling		# of Days in Phase : 150														
Equipment	HP Estimate	Number of Units	Daily Hours	Days in Use	Total Hourly Usage (units*hours per day*days)	HC lbs	ROG lbs	TOG lbs	CO lbs	NO <sub>x</sub> lbs	CO <sub>2</sub> lbs	PM <sub>10</sub> lbs	PM <sub>2.5</sub> lbs	NH <sub>3</sub> lbs	SO <sub>x</sub> lbs	MT of CO <sub>2e</sub>
Excavator	212	3	8	150	3,600	79.77	96.52	114.87	1,368.50	905.62	233,780.60	44.09	40.56	1.91	2.16	106.0
Trencher (big)	300	1	8	150	1,200	80.46	97.36	115.86	477.00	1,174.43	160,370.15	46.70	42.97	1.31	1.48	72.7
Off-highway Truck	402	5	8	150	6,000	287.65	348.06	414.22	2,012.74	3,010.19	782,064.23	113.19	104.13	6.38	7.22	354.7
Drum Roller Compactor	134	2	8	150	2,400	47.35	57.29	68.18	718.44	606.10	120,997.34	32.41	29.81	0.99	1.12	54.9
Rubber-tired Loader	203	1	8	150	1,200	41.08	49.70	59.15	481.52	447.88	75,648.99	24.50	22.54	0.62	0.70	34.3
Skid Steer	75	3	8	150	3,600	30.24	36.59	43.54	674.96	485.03	108,826.35	19.47	17.91	0.89	1.01	49.4
<b>AVG EXHAUST EMISSIONS PER DAY</b>						<b>3.78</b>	<b>4.57</b>	<b>5.44</b>	<b>38.22</b>	<b>44.19</b>	<b>9,877.92</b>	<b>1.87</b>	<b>1.72</b>	<b>0.08</b>	<b>0.09</b>	<b>4.48</b>
<b>TOTAL</b>						<b>566.54</b>	<b>685.52</b>	<b>815.82</b>	<b>5,733.16</b>	<b>6,629.24</b>	<b>1,481,687.66</b>	<b>280.35</b>	<b>257.92</b>	<b>12.09</b>	<b>13.68</b>	<b>672.08</b>

Phase 4 - Mechanical Installator		# of Days in Phase : 175														
Equipment	HP Estimate	Number of Units	Daily Hours	Days in Use	Total Hourly Usage (units*hours per day*days)	HC lbs	ROG lbs	TOG lbs	CO lbs	NO <sub>x</sub> lbs	CO <sub>2</sub> lbs	PM <sub>10</sub> lbs	PM <sub>2.5</sub> lbs	NH <sub>3</sub> lbs	SO <sub>x</sub> lbs	MT of CO <sub>2e</sub>
Air Compressor	78	15	8	175	21,024	584.54	695.65	841.74	4,272.78	3,555.19	467,796.57	199.62	183.65	3.97	6.05	212.2
Generator Set	84	8	8	175	11,213	101.24	122.50	145.79	1,855.21	1,342.82	271,105.15	10.09	9.29	2.21	2.50	123.0
Off-highway Truck	402	6	8	175	8,410	403.17	487.84	580.56	2,821.05	4,219.08	1,096,141.22	158.64	145.95	8.95	10.12	497.2
Other Construction Equipment	172	1	2	175	350	13.38	16.19	19.27	155.79	168.73	25,694.31	8.84	8.13	0.21	0.24	11.7
Rough-terrain Forklift	100	7	8	175	9,811	175.33	212.15	252.48	2,987.63	2,258.16	507,152.36	119.98	110.38	4.14	4.68	230.0
Rubber-tired Loader	203	3	8	175	4,205	143.94	174.17	207.27	1,687.24	1,569.38	265,074.05	85.83	78.97	2.16	2.45	120.2
Skid Steer	75	1	8	175	1,402	11.77	14.25	16.95	262.78	188.84	42,369.72	7.58	6.97	0.35	0.39	19.2
<b>AVG EXHAUST EMISSIONS PER DAY</b>						<b>8.18</b>	<b>9.83</b>	<b>11.78</b>	<b>80.15</b>	<b>75.93</b>	<b>15,270.17</b>	<b>3.37</b>	<b>3.10</b>	<b>0.13</b>	<b>0.15</b>	<b>6.93</b>
<b>TOTAL</b>						<b>1,433.38</b>	<b>1,722.75</b>	<b>2,064.07</b>	<b>14,042.49</b>	<b>13,302.19</b>	<b>2,675,333.39</b>	<b>590.59</b>	<b>543.34</b>	<b>21.98</b>	<b>26.43</b>	<b>1,213.51</b>

Phase 5- Electrical Installation		# of Days in Phase : 200														MT of CO <sub>2</sub> e
Equipment	HP Estimate	Number of Units	Daily Hours	Days in Use	Total Hourly Usage (units*hours per day*days)	HC lbs	ROG lbs	TOG lbs	CO lbs	NO <sub>x</sub> lbs	CO <sub>2</sub> lbs	PM <sub>10</sub> lbs	PM <sub>2.5</sub> lbs	NH <sub>3</sub> lbs	SO <sub>x</sub> lbs	
Air Compressors	78	2	8	200	3,206	89.15	106.10	128.38	651.65	542.21	71,344.32	30.44	28.01	0.60	0.92	32.4
Off-highway Truck	402	7	7	200	9,820	470.77	569.63	677.90	3,294.05	4,926.47	1,279,926.31	185.24	170.42	10.45	11.82	580.6
Rubber-tired Loader	203	3	8	200	4,810	164.64	199.22	237.09	1,929.92	1,795.11	303,201.14	98.18	90.33	2.47	2.80	137.5
Rough-terrain Forklift	100	4	8	200	6,413	114.60	138.67	165.02	1,952.78	1,475.98	331,485.10	78.42	72.15	2.71	3.06	150.4
Trencher (small)	78	2	8	200	3,206	176.03	213.00	253.49	1,096.95	1,790.36	132,917.16	120.74	111.08	1.08	1.22	60.3
Crane	231	1	2	200	401	15.93	19.28	22.94	115.20	213.31	24,680.14	9.88	9.09	0.20	0.23	11.2
Excavator	212	2	8	200	3,206	71.05	85.97	102.31	1,218.88	806.60	208,220.59	39.27	36.13	1.70	1.92	94.4
<b>AVG EXHAUST EMISSIONS PER DAY</b>						<b>5.50</b>	<b>6.65</b>	<b>7.92</b>	<b>51.19</b>	<b>57.63</b>	<b>11,735.40</b>	<b>2.81</b>	<b>2.58</b>	<b>0.10</b>	<b>0.11</b>	<b>5.32</b>
<b>TOTAL</b>						<b>1,102.17</b>	<b>1,331.85</b>	<b>1,587.12</b>	<b>10,259.42</b>	<b>11,550.04</b>	<b>2,351,774.76</b>	<b>562.18</b>	<b>517.20</b>	<b>19.22</b>	<b>21.98</b>	<b>1,066.75</b>

Total Diesel Equipment Combustion Emissions														MT of CO <sub>2</sub> e
CUP	Acreage	Apportionment %	HC lbs	ROG lbs	TOG lbs	CO lbs	NO <sub>x</sub> lbs	CO <sub>2</sub> lbs	PM <sub>10</sub> lbs	PM <sub>2.5</sub> lbs	NH <sub>3</sub> lbs	SO <sub>x</sub> lbs		
# 1	372.60	13.96%	618.88	746.88	891.19	6271.59	6585.43	1344295.19	301.36	277.25	11.00	12.70	609.76	
# 2	957.30	35.86%	1590.06	1918.93	2289.69	16113.25	16919.56	3453821.22	774.26	712.32	28.25	32.64	1566.63	
# 3	646.00	24.20%	1073.00	1294.92	1545.12	10873.46	11417.57	2330688.93	522.48	480.68	19.07	22.03	1057.18	
# 4	442.32	16.57%	734.69	886.64	1057.95	7445.12	7817.67	1595836.42	357.75	329.13	13.05	15.08	723.86	
# 5	251.61	9.42%	417.92	504.35	601.80	4235.07	4446.99	907772.28	203.50	187.22	7.43	8.58	411.76	
<b>GRAND TOTAL</b>	<b>2,669.83</b>		<b>4,434.55</b>	<b>5,351.72</b>	<b>6,385.75</b>	<b>44,938.48</b>	<b>47,187.22</b>	<b>9,632,414.04</b>	<b>2,159.34</b>	<b>1,986.59</b>	<b>78.80</b>	<b>91.03</b>	<b>4,369.19</b>	
<b>2021 (Phase 1, 2, 3)</b>														
# 1	372.60	13.96%	92.99170283	112.4934	133.9081	995.91078	1086.523885	217681.2747	50.264248	46.243108	1.777022	2.013755	98.7386	
# 2	957.30	35.86%	238.9182961	289.0228	344.0423	2558.737	2791.544056	559276.1253	129.14107	118.80979	4.565602	5.173826	253.683	
# 3	646.00	24.20%	161.2255503	195.0368	232.1648	1726.673	1883.774637	377407.6851	87.14628	80.174578	3.080935	3.491373	171.189	
# 4	442.32	16.57%	110.3920827	133.5429	158.9646	1182.2632	1289.831575	258413.262	59.669571	54.896005	2.109534	2.390564	117.214	
# 5	251.61	9.42%	62.79520335	75.96424	90.42509	672.51613	733.7051187	146995.2641	33.942315	31.22693	1.199983	1.359843	66.6759	
<b>2021 TOTAL</b>			<b>646.5489135</b>	<b>782.1381</b>	<b>931.0304</b>	<b>6927.0183</b>	<b>7554.799984</b>	<b>1513270.61</b>	<b>349.53438</b>	<b>321.57163</b>	<b>12.35347</b>	<b>13.99935</b>	<b>686.408</b>	
<b>2022 (Phase 1, 2, 3, 4, 5)</b>														
# 1	372.60	13.96%	527.5262578	636.3697	759.6378	5293.8399	5518.974005	1130712.711	252.00042	231.84038	9.253281	10.72767	512.883	
# 2	957.30	35.86%	1355.343228	1634.989	1951.694	13601.162	14179.58619	2905075.895	647.45035	595.65432	23.77393	27.56198	1317.72	
# 3	646.00	24.20%	914.6053745	1103.314	1317.032	9178.2625	9568.591539	1960387.578	436.90894	401.95622	16.04299	18.59923	889.217	
# 4	442.32	16.57%	626.23568	755.4457	901.7794	6284.4103	6551.670913	1342288.906	299.15412	275.22179	10.98473	12.735	608.852	
# 5	251.61	9.42%	356.2266056	429.7261	512.9663	3574.8109	3726.838896	763544.8381	170.17021	156.55659	6.248532	7.244151	346.338	
<b>2022 TOTAL</b>			<b>3774.954285</b>	<b>4553.815</b>	<b>5435.934</b>	<b>37882.401</b>	<b>39488.45028</b>	<b>8090942.349</b>	<b>1802.9393</b>	<b>1658.7042</b>	<b>66.21313</b>	<b>76.76585</b>	<b>3669.99</b>	

Notes: MT = Metric Tons

- Equipment list assumptions were prepared using Eland 1 Solar EIR as recommended by the Applicant
- Off-high Truck additional emissions during transit operations calculated with onsite mobile emissions
- Emissions for 2021 calculated using following assumptions related to construction days/schedule: 65 days of phase 1, 43 days of phase 2, 22 days of phase 3
- Emissions for 2022 calculated using following assumptions related to construction days/schedule: 22 days of phase 1, 108 days of phase 2, 129 days of phase 3, 175 days of phase 4, 200 days phase 5

## Aratina Solar Project - 600 MW

Fugitive Dust Emissions During Construction On-site (excludes vehicular traffic from vendor vehicles)

Phase 1 - Site Prep and Grading				Natural Soil					
		Number of Days		No Additional Control <sup>4</sup>		With Water Control <sup>5</sup>		With Palliative Control <sup>6</sup>	
Vehicle Type	Total Vehicle Miles Traveled	PM <sub>10</sub> lbs/mile factor <sup>4</sup>	PM <sub>2.5</sub> lbs/mile factor <sup>4</sup>	PM <sub>10</sub> lbs	PM <sub>2.5</sub> lbs	PM <sub>10</sub> lbs	PM <sub>2.5</sub> lbs	PM <sub>10</sub> lbs	PM <sub>2.5</sub> lbs
Mobile Construction Equipment	0.84	0.70	0.069	0.59	0.06	0.3	0.0	0.1	0.0
Stationary Construction Equipm	0	0.70	0.069	0.00	0.00	0.0	0.0	0.0	0.0
Off-highway Truck <sup>3</sup>	4,292	0.36	0.036	1,535.92	155.14	1343.2	133.8	477.6	47.6
<b>Total Pounds Per day</b>				<b>17.90</b>	<b>1.81</b>	<b>15.65</b>	<b>1.56</b>	<b>5.56</b>	<b>0.55</b>
<b>Total</b>	<b>4,293</b>			<b>1,536.50</b>	<b>155.20</b>	<b>1,343.43</b>	<b>133.78</b>	<b>477.66</b>	<b>47.57</b>

Phase 2 - Tracker Foundations				Natural Soil					
		Number of Days		No Additional Control <sup>4</sup>		With Water Control <sup>5</sup>		With Palliative Control <sup>6</sup>	
Vehicle Type	Total Vehicle Miles Traveled	PM <sub>10</sub> lbs/mile factor <sup>4</sup>	PM <sub>2.5</sub> lbs/mile factor <sup>4</sup>	PM <sub>10</sub> lbs	PM <sub>2.5</sub> lbs	PM <sub>10</sub> lbs	PM <sub>2.5</sub> lbs	PM <sub>10</sub> lbs	PM <sub>2.5</sub> lbs
Mobile Construction Equipment	1.2	0.70	0.069	0.86	0.09	0.4	0.0	0.1	0.0
Stationary Construction Equipm	0	0.70	0.069	0.00	0.00	0.0	0.0	0.0	0.0
Off-highway Truck <sup>3</sup>	7,500	0.36	0.036	2,683.66	271.07	2346.9	233.7	834.4	83.1
<b>Total Pounds Per day</b>				<b>17.90</b>	<b>1.81</b>	<b>15.65</b>	<b>1.56</b>	<b>5.56</b>	<b>0.55</b>
<b>Total</b>	<b>7,501</b>			<b>2,684.52</b>	<b>271.16</b>	<b>2,347.26</b>	<b>233.74</b>	<b>834.58</b>	<b>83.11</b>

Phase 3 - Underground Cabling				Natural Soil					
		Number of Days		No Additional Control <sup>4</sup>		With Water Control <sup>5</sup>		With Palliative Control <sup>6</sup>	
Vehicle Type	Total Vehicle Miles Traveled	PM <sub>10</sub> lbs/mile factor <sup>4</sup>	PM <sub>2.5</sub> lbs/mile factor <sup>4</sup>	PM <sub>10</sub> lbs	PM <sub>2.5</sub> lbs	PM <sub>10</sub> lbs	PM <sub>2.5</sub> lbs	PM <sub>10</sub> lbs	PM <sub>2.5</sub> lbs
Mobile Construction Equipment	0.8	0.70	0.069	0.58	0.06	0.3	0.0	0.1	0.0
Stationary Construction Equipm	0	0.70	0.069	0.00	0.00	0.0	0.0	0.0	0.0
Off-highway Truck <sup>3</sup>	7,500	0.36	0.036	2,683.66	271.07	2346.9	233.7	834.4	83.1
<b>Total Pounds Per day</b>				<b>17.89</b>	<b>1.81</b>	<b>15.65</b>	<b>1.56</b>	<b>5.56</b>	<b>0.55</b>
<b>Total</b>	<b>7,501</b>			<b>2,684.25</b>	<b>271.13</b>	<b>2,347.14</b>	<b>233.73</b>	<b>834.54</b>	<b>83.10</b>

Phase 4 -Mechanical Installation				Natural Soil					
		Number of Days		No Additional Control <sup>4</sup>		With Water Control <sup>5</sup>		With Palliative Control <sup>6</sup>	
Vehicle Type	Total Vehicle Miles Traveled	PM <sub>10</sub> lbs/mile factor <sup>4</sup>	PM <sub>2.5</sub> lbs/mile factor <sup>4</sup>	PM <sub>10</sub> lbs	PM <sub>2.5</sub> lbs	PM <sub>10</sub> lbs	PM <sub>2.5</sub> lbs	PM <sub>10</sub> lbs	PM <sub>2.5</sub> lbs
Mobile Construction Equipment	1.2	0.70	0.069	0.85	0.08	0.4	0.0	0.1	0.0
Stationary Construction Equipm	0	0.70	0.069	0.00	0.00	0.0	0.0	0.0	0.0
Off-highway Truck <sup>3</sup>	10,512	0.36	0.036	3,761.42	379.93	3289.4	327.6	1169.6	116.5
<b>Total Pounds Per day</b>				<b>21.47</b>	<b>2.17</b>	<b>18.78</b>	<b>1.87</b>	<b>6.68</b>	<b>0.66</b>
<b>Total</b>	<b>10,513</b>			<b>3,762.28</b>	<b>380.02</b>	<b>3,289.77</b>	<b>327.59</b>	<b>1,169.69</b>	<b>116.48</b>

Phase 5 - Electrical Installation				Natural Soil					
		Number of Days		No Additional Control <sup>4</sup>		With Water Control <sup>5</sup>		With Palliative Control <sup>6</sup>	
Vehicle Type	Total Vehicle Miles Traveled	PM <sub>10</sub> lbs/mile factor <sup>4</sup>	PM <sub>2.5</sub> lbs/mile factor <sup>4</sup>	PM <sub>10</sub> lbs	PM <sub>2.5</sub> lbs	PM <sub>10</sub> lbs	PM <sub>2.5</sub> lbs	PM <sub>10</sub> lbs	PM <sub>2.5</sub> lbs
Mobile Construction Equipment	1.05	0.70	0.069	0.73	0.07	0.3	0.0	0.1	0.0
Stationary Construction Equipm	0	0.70	0.069	0.00	0.00	0.0	0.0	0.0	0.0
Off-highway Truck <sup>3</sup>	14,028	0.36	0.036	5,019.53	507.01	2337.0	239.9	922.6	99.0
<b>Total Pounds Per day</b>				<b>25.05</b>	<b>2.53</b>	<b>11.66</b>	<b>1.20</b>	<b>4.60</b>	<b>0.49</b>
<b>Total</b>	<b>14,029</b>			<b>5,020.25</b>	<b>507.08</b>	<b>2,337.32</b>	<b>239.92</b>	<b>922.69</b>	<b>99.05</b>

Total Fugitive Dust Emissions due to On-site Construction Activities				Natural Soil					
CUP	Acreage	Apportionment %		No Additional Control <sup>4</sup>		With Water Control <sup>5</sup>		With Palliative Control <sup>6</sup>	
				PM <sub>10</sub> lbs	PM <sub>2.5</sub> lbs	PM <sub>10</sub> lbs	PM <sub>2.5</sub> lbs	PM <sub>10</sub> lbs	PM <sub>2.5</sub> lbs
# 1	372.60		13.96%	2,584.53	263.81	1,782.06	179.75	745.72	76.55
# 2	957.30		35.86%	6,640.27	677.79	4,578.54	461.82	1,915.94	196.68
# 3	646.00		24.20%	4,480.95	457.38	3,089.66	311.65	1,292.90	132.73
# 4	442.32		16.57%	3,068.14	313.17	2,115.51	213.39	885.26	90.88
# 5	251.61		9.42%	1,745.27	178.15	1,203.38	121.38	503.57	51.69
<b>GRAND TOTAL</b>	<b>2,669.83</b>			<b>18,519.16</b>	<b>1,890.31</b>	<b>12,769.15</b>	<b>1,287.99</b>	<b>5,343.39</b>	<b>548.53</b>



2021 (Phase 1, 2, 3) <sup>9</sup>									
# 1	372.60	13.96%		623.3560111	65.04491576	400.3823066	40.84791052	217.4199014	22.62860984
# 2	957.30	35.86%		1601.553165	167.1162047	1028.679501	104.9482145	558.6045937	58.13840096
# 3	646.00	24.20%		1080.751431	112.7724519	694.1679282	70.8205856	376.9545258	39.23264078
# 4	442.32	16.57%		739.9968622	77.2159612	475.3008638	48.49127155	258.1029812	26.86281992
# 5	251.61	9.42%		420.9382806	43.92336725	270.3691578	27.58367436	146.8187646	15.28059078
				<b>2021 TOTAL</b>	<b>4466.59575</b>	<b>466.0729008</b>	<b>2868.899757</b>	<b>292.6916566</b>	<b>1557.900767</b>
2022 (Phase 1, 2, 3, 4, 5) <sup>10</sup>									
# 1	372.60	13.96%		1971.638678	199.8547732	1389.174085	139.6628498	532.0974258	54.31560401
# 2	957.30	35.86%		5065.61918	513.4755082	3569.126011	358.8278209	1367.08767	139.5499939
# 3	646.00	24.20%		3418.353693	346.5007608	2408.498279	242.1422462	922.5306952	94.17037088
# 4	442.32	16.57%		2340.566882	237.2511092	1649.11294	165.7962204	631.6621937	64.47900689
# 5	251.61	9.42%		1331.403212	134.957429	938.0779849	94.3111782	359.3134124	36.67810457
				<b>2022 TOTAL</b>	<b>14127.58164</b>	<b>1432.03958</b>	<b>9953.989299</b>	<b>1000.740316</b>	<b>3812.691397</b>

Notes:

1. Crawler tractor, loader, skid-steer, drum roller compactor, and forklifts assumed to transit an average of 0.5 acres/8hr day. VMT is estimated based on the hours of operation and conversion of acreage to square miles to miles. Mobile equipment that is considered earth moving (i.e. grader) are accounted for separately due to a specific operations.
2. Trencher, pile driver, excavator, and crane work primarily in place and are not considered mobile in this analysis.
3. Off-highway trucks are assumed to travel 10 miles per day on site and is consistent with Eland assumptions.
4. Uncontrolled emission factors based on silt content of local soil, onsite fleet mix, and typical construction activities from AP-42, Table 13.2.2-2
5. Emission factors are reduced via water control by 55% efficiency per MRI, April 2001. Particulate Emission Measurements from Controlled Construction Activities, EPA/600/R-01/031.
6. Emission factors are reduced via palliative control by 84% efficiency per CARB certification for Soil Sement®
7. Emissions based on assumption of % of activity occurring on compacted/scrapper road where base uncontrolled emission factors are 2.27 and 0.227 for PM<sub>10</sub> and PM<sub>2.5</sub>, respectively.
8. Emissions based on assumption of % of activity occurring on gravel road where base uncontrolled emission factors are 1.76 and 0.176 for PM<sub>10</sub> and PM<sub>2.5</sub>, respectively.
9. Emissions for 2021 calculated using following assumptions related to construction days/schedule: 65 days of phase1, 43 days of phase 2, 22 days of phase 3
10. Emissions for 2022 calculated using following assumptions related to construction days/schedule: 22 days of phase 1, 108 days of phase 2, 129 days of phase 3, 175 days of phase 4, 200 days phase 5

### Particulates from Grading<sup>1</sup>

Grader Parameters		
Travel Speed (S):	7.1	mph
Hours Operating:	8	
Acres/ 8hr-day:	0.5	
Width of Grading Blade (ft) <sup>2</sup> :	12	<b>Water Controlled<sup>3</sup></b>
<i>PM-10 Emissions Factor (lbs/VMT)</i> $E = 0.6 * 0.051 * (S)^{(2.0)}$	1.54255	0.6
<i>PM-2.5 Emissions Factor (lbs/VMT)</i> $E = 0.031 * 0.04 * (S)^{(2.5)}$	0.2	0.1

CUP	Acreage	VMT <sup>4</sup>	Fugitive Dust From Grading		Mitigated Fugitive Dust From Grading <sup>3</sup>	
			PM 10 (lbs)	PM2.5 (lbs)	PM 10 (lbs)	PM2.5 (lbs)
#1	372.60	256.1625	395.1424397	42.66611602	154.1055515	16.63978525
#2	957.30	658.14375	1015.217009	109.6196266	395.9346335	42.75165437
#3	646.00	444.125	685.0832423	73.97292258	267.1824645	28.8494398
#4	442.32	304.095	469.0805259	50.64969522	182.9414051	19.75338114
#5	251.61	172.9807692	266.8307937	28.8114676	104.0640095	11.23647237
<b>TOTAL</b>	<b>2669.828392</b>	<b>1835.507019</b>	<b>2831.354011</b>	<b>305.719828</b>	<b>1104.228064</b>	<b>119.2307329</b>

Notes:

1. Fugitive dust emissions from grading the project site were estimated using the methodology described in Section 11., Western Surface Coal Mining of the USEPA AP-42 and used in CalEEMod2016.3.2 (CAPCOA 2017).
2. Blade width of grading equipment is default width of 12 feet based on Caterpillar's 140 Motor Grader. (CalEEMod Appendix A, 2017)
3. Assumes use of water to control dust reduces dust by 61% based on per 3.2 hour watering interval of general construction; test series 701 reprinted in WRAP Fugitive Dust Handbook, September 2006
4. VMT is estimated based on grading area and blade width where VMT = Acres graded/Blade Width \* (43560 sqft/acre)/(5280 ft/mile)

**Aratina Solar Project - 600 MW**  
On-site Mobile Emissions (max 10 mph)

Activity 1 - Site Preparation				No. Days in Phase: 86													Un-mitigated		Mitigated-Watering		Mitigated-Palliatives	
Vehicle Type	No. Units/Workers	Days Operating	Miles Traveled per Unit per Day	Total Onsite Vehicle Miles Traveled	ROG lbs	TOG lbs	CO lbs	NO <sub>x</sub> lbs	CO <sub>2</sub> lbs	PM <sub>10</sub> lbs	PM <sub>2.5</sub> lbs	SO <sub>x</sub> lbs	CH <sub>4</sub> lbs	N <sub>2</sub> O lbs	MT of CO <sub>2</sub> e	Fugitive Dust (PM <sub>10</sub> ) lbs	Fugitive Dust (PM <sub>2.5</sub> ) lbs	Fugitive Dust (PM <sub>10</sub> ) lbs	Fugitive Dust (PM <sub>2.5</sub> ) lbs	Fugitive Dust (PM <sub>10</sub> ) lbs	Fugitive Dust (PM <sub>2.5</sub> ) lbs	
Vendors (Trucks)	25																					
MHDT	8	86	0.25	172	0.56	0.62	1.88	4.46	835.44	0.11	0.07	0.01	0.03	0.11	0.393	61.55	6.22	28.65	2.94	11.31	1.21	
HHDT	17	86	0.25	366	0.39	0.45	1.60	15.33	2,353.40	0.12	0.07	0.02	0.02	0.37	1.112	130.78	13.21	60.89	6.25	24.04	2.58	
AVG EMISSIONS PER DAY					0.01	0.01	0.04	0.23	37.08	0.00	0.00	0.00	0.00	0.01	0.02	2.24	0.23	1.04	0.11	0.41	0.04	
TOTAL				538	0.95	1.06	3.48	19.79	3,188.85	0.23	0.14	0.03	0.05	0.48	1.51	192.33	19.43	89.54	9.19	35.35	3.79	

Activity 2 - Grading and Earthwork				No. Days in Phase: 86													Un-mitigated		Mitigated-Watering		Mitigated-Palliatives	
Vehicle Type	No. Units/Workers	Days Operating	Miles Traveled per Unit per Day	Total Onsite Vehicle Miles Traveled	ROG lbs	TOG lbs	CO lbs	NO <sub>x</sub> lbs	CO <sub>2</sub> lbs	PM <sub>10</sub> lbs	PM <sub>2.5</sub> lbs	SO <sub>x</sub> lbs	CH <sub>4</sub> lbs	N <sub>2</sub> O lbs	MT of CO <sub>2</sub> e	Fugitive Dust (PM <sub>10</sub> ) lbs	Fugitive Dust (PM <sub>2.5</sub> ) lbs	Fugitive Dust (PM <sub>10</sub> ) lbs	Fugitive Dust (PM <sub>2.5</sub> ) lbs	Fugitive Dust (PM <sub>10</sub> ) lbs	Fugitive Dust (PM <sub>2.5</sub> ) lbs	
Vendors (Trucks)	25																					
MHDT	8	86	0.25	172	0.56	0.62	1.88	4.46	835.44	0.11	0.07	0.01	0.03	0.11	0.393	61.55	6.22	28.65	2.94	11.31	1.21	
HHDT	17	86	0.25	366	0.39	0.45	1.60	15.33	2,353.40	0.12	0.07	0.02	0.02	0.37	1.112	130.78	13.21	60.89	6.25	24.04	2.58	
AVG EMISSIONS PER DAY					0.01	0.01	0.04	0.23	37.08	0.00	0.00	0.00	0.00	0.01	0.02	2.24	0.23	1.04	0.11	0.41	0.04	
TOTAL				538	0.95	1.06	3.48	19.79	3,188.85	0.23	0.14	0.03	0.05	0.48	1.51	192.33	19.43	89.54	9.19	35.35	3.79	

Activity 3, 4, 5 - Concrete Foundations, Structural Steel Work and Electrical/Instrumentation Work				No. Days in Phase: 301													Un-mitigated		Mitigated-Watering		Mitigated-Palliatives	
Vehicle Type	No. Units/Workers	Days Operating	Miles Traveled per Unit per Day	Total Onsite Vehicle Miles Traveled	ROG lbs	TOG lbs	CO lbs	NO <sub>x</sub> lbs	CO <sub>2</sub> lbs	PM <sub>10</sub> lbs	PM <sub>2.5</sub> lbs	SO <sub>x</sub> lbs	CH <sub>4</sub> lbs	N <sub>2</sub> O lbs	MT of CO <sub>2</sub> e	Fugitive Dust (PM <sub>10</sub> ) lbs	Fugitive Dust (PM <sub>2.5</sub> ) lbs	Fugitive Dust (PM <sub>10</sub> ) lbs	Fugitive Dust (PM <sub>2.5</sub> ) lbs	Fugitive Dust (PM <sub>10</sub> ) lbs	Fugitive Dust (PM <sub>2.5</sub> ) lbs	
Vendors (Trucks)	55																					
MHDT	18	301	0.25	1,355	4.38	4.84	14.77	35.11	6,579.10	0.84	0.57	0.06	0.22	0.90	3.095	484.67	48.96	225.65	23.16	89.08	9.56	
HHDT	37	301	0.25	2,784	3.00	3.42	12.19	116.79	17,927.40	0.91	0.51	0.17	0.14	2.82	8.472	996.27	100.63	463.84	47.61	183.11	19.66	
AVG EMISSIONS PER DAY					0.02	0.03	0.09	0.50	81.42	0.01	0.00	0.00	0.00	0.01	0.04	4.92	0.50	2.29	0.24	0.90	0.10	
TOTAL				4,139	7.39	8.26	26.96	151.90	24,506.50	1.75	1.08	0.23	0.36	3.72	11.57	1,480.94	149.59	689.50	70.77	272.19	29.22	

Activity 6 - Collector Line Installation				No. Days in Phase: 40													Un-mitigated		Mitigated-Watering		Mitigated-Palliatives	
Vehicle Type	No. Units/Workers	Days Operating	Miles Traveled per Unit per Day	Total Onsite Vehicle Miles Traveled	ROG lbs	TOG lbs	CO lbs	NO <sub>x</sub> lbs	CO <sub>2</sub> lbs	PM <sub>10</sub> lbs	PM <sub>2.5</sub> lbs	SO <sub>x</sub> lbs	CH <sub>4</sub> lbs	N <sub>2</sub> O lbs	MT of CO <sub>2</sub> e	Fugitive Dust (PM <sub>10</sub> ) lbs	Fugitive Dust (PM <sub>2.5</sub> ) lbs	Fugitive Dust (PM <sub>10</sub> ) lbs	Fugitive Dust (PM <sub>2.5</sub> ) lbs	Fugitive Dust (PM <sub>10</sub> ) lbs	Fugitive Dust (PM <sub>2.5</sub> ) lbs	
Vendors (Trucks)	15																					
MHDT	5	40	0.25	50	0.16	0.18	0.55	1.30	242.86	0.03	0.02	0.00	0.01	0.03	0.114	17.89	1.81	8.33	0.86	3.29	0.35	
HHDT	10	40	0.25	100	0.11	0.12	0.44	4.19	643.89	0.03	0.02	0.01	0.01	0.10	0.304	35.78	3.61	16.66	1.71	6.58	0.71	
AVG EMISSIONS PER DAY					0.01	0.01	0.02	0.14	22.17	0.00	0.00	0.00	0.00	0.00	0.01	1.34	0.14	0.62	0.06	0.25	0.03	
TOTAL				150	0.27	0.30	0.98	5.49	886.75	0.06	0.04	0.01	0.01	0.01	0.13	0.42	53.67	5.42	24.99	2.57	9.86	1.06

Total On-Site Mobile Emissions																	Un-mitigated		Mitigated-Watering		Mitigated-Palliatives	
CUP	Acreage	Apportionment %		ROG lbs	TOG lbs	CO lbs	NO <sub>x</sub> lbs	CO <sub>2</sub> lbs	PM <sub>10</sub> lbs	PM <sub>2.5</sub> lbs	SO <sub>x</sub> lbs	CH <sub>4</sub> lbs	N <sub>2</sub> O lbs	MT of CO <sub>2</sub> e	Fugitive Dust (PM <sub>10</sub> ) lbs	Fugitive Dust (PM <sub>2.5</sub> ) lbs	Fugitive Dust (PM <sub>10</sub> ) lbs	Fugitive Dust (PM <sub>2.5</sub> ) lbs	Fugitive Dust (PM <sub>10</sub> ) lbs	Fugitive Dust (PM <sub>2.5</sub> ) lbs		
# 1	372.60	13.96%		1.33	1.49	4.87	27.49	4433.94	0.32	0.20	0.04	0.06	0.67	2.99	287.85	27.06	124.71	12.80	49.23	5.28		
# 2	957.30	35.86%		3.43	3.83	12.51	70.83	11391.86	0.81	0.50	0.11	0.17	1.73	5.38	688.18	69.51	320.40	32.89	126.48	13.58		
# 3	646.00	24.20%		2.31	2.59	8.44	47.86	7687.40	0.55	0.34	0.07	0.11	1.17	3.63	464.39	46.91	216.21	22.19	85.35	9.16		
# 4	442.32	16.57%		1.58	1.77	5.78	32.63	5263.61	0.37	0.23	0.05	0.08	0.80	2.48	317.97	32.12	148.04	15.20	58.44	6.27		
# 5	251.61	9.42%		0.90	1.01	3.29	18.56	2994.14	0.21	0.13	0.03	0.04	0.45	1.41	180.87	18.27	84.21	8.64	33.24	3.57		
GRAND TOTAL				9.56	10.69	34.90	196.97	31,770.94	2.26	1.40	0.30	0.46	0.42	4.85	15.00	1,919.27	193.86	893.67	91.72	352.75	37.87	

				2021 (Activity 1, 2, 3, 4, 5)																
# 1	372.60	13.96%		0.35	0.39	1.27	7.20	1161.31	0.08	0.05	0.01	0.02	0.18	0.55	70.10	7.08	32.64	3.35	12.88	1.38
# 2	957.30	35.86%		0.89	1.00	3.27	18.51	2983.70	0.21	0.13	0.03	0.04	0.45	1.41	180.10	18.19	83.85	8.61	33.10	3.55
# 3	646.00	24.20%		0.60	0.67	2.20	12.49	2013.44	0.14	0.09	0.02	0.03	0.31	0.95	121.54	12.28	56.58	5.81	22.34	2.40
# 4	442.32	16.57%		0.41	0.46	1.51	8.55	1378.62	0.10	0.06	0.01	0.02	0.21	0.65	83.22	8.41	38.74	3.98	15.29	1.64
# 5	251.61	9.42%		0.23	0.26	0.86	4.86	784.21	0.06	0.03	0.01	0.01	0.12	0.37	47.34	4.78	22.04	2.26	8.70	0.93
2021 TOTAL				2.49	2.79	9.11	51.61	8,321.28	0.59	0.37	0.08	0.12	1.26	3.93	502.29	50.74	233.86	24.00	92.32	9.91

				2022 (Activity 1, 2, 3, 4, 5, 6)																
# 1	372.60	13.96%		1.00	1.11	3.64	20.49	3,305.70	0.24	0.15	0.03	0.05	0.50	1.56	199.75	20.18	93.00	9.55	36.71	3.94
# 2	957.30	35.86%		2.56	2.86	9.34	52.65	8,493.14	0.61	0.38	0.08	0.12	1.29	4.01	513.21	51.84	238.94	24.53	94.33	10.13
# 3	646.00	24.20%		1.73	1.93	6.30	35.53	5,731.30	0.41	0.25	0.05	0.08	0.87	2.71	346.32	34.98	161.24	16.55	63.65	6.83
# 4	442.32	16.57%		1.18	1.32	4.32	24.33	3,924.25	0.28	0.17	0.04	0.06	0.60	1.85	237.13	23.95	110.40	11.33	43.58	4.68
# 5	251.61	9.42%		0.67	0.75	2.46	13.84	2,232.26	0.16	0.10	0.02	0.03	0.34	1.05	134.89	13.62	62.80	6.45	24.79	2.66
2022 TOTAL				7.14	7.98	26.05	146.82	23,686.66	1.69	1.05	0.22	0.34	3.59	11.18	1,431.29	144.57	666.38	68.40	263.06	28.24

Operational				No. Work days in Year: 244					No. Workers per CUP: 5					No. of CUPS: 5					Un-mitigated		Mitigated-Watering		Mitigated-Palliatives	
Vehicle Type	Trips per Day	Round Trip (miles)	Daily VMT	Annual VMT	ROG lbs	TOG lbs	CO lbs	NO <sub>x</sub> lbs	CO <sub>2</sub> lbs	PM <sub>10</sub> lbs	PM <sub>2.5</sub> lbs	SO <sub>x</sub> lbs	CH <sub>4</sub> lbs	N <sub>2</sub> O lbs	MT of CO <sub>2</sub> e	Fugitive Dust (PM <sub>10</sub> ) lbs	Fugitive Dust (PM <sub>2.5</sub> ) lbs	Fugitive Dust (PM <sub>10</sub> ) lbs	Fugitive Dust (PM <sub>2.5</sub> ) lbs	Fugitive Dust (PM <sub>10</sub> ) lbs	Fugitive Dust (PM <sub>2.5</sub> ) lbs			
Pickup Trucks	6	10	56	13,566	3.71	5.27	69.66	7.05	20,755.22	1.56	0.74	0.21	0.80	0.50	9.485	4,854.36	490.33	2,260.09	231.99	892.21	95.78			
Utility/Service Vehicle (T6)	1	10	7	1,708	3.51	4.05	8.25	26.26	8,219.78	1.06	0.72	0.08	0.19	1.08	3.861	611.16	61.73	284.54	29.21	112.33	12.06			
Water Truck (T7)	1	10	9	2,220	2.40	2.73	9.71	55.21	14,296.79	0.72	0.41	0.14	0.11	1.25	6.756	794.51	80.25	369.91	37.97	146.03	15.88			
Avg Daily Emissions				0.04	0.05	0.36	0.36	177.34	0.01	0.01	0.00	0.00	0.02	0.08	0.26	25.66	2.59	11.94	1.23	4.72	0.51			
Annual Total Emissions				9.62	12.05	87.63	88.51	43,271.80	3.34	1.87	0.40	1.10	3.83	20.10	6,260.02	632.31	2,914.55	299.17	1,150.57	123.51				

Operational Emissions by CUP																
CUP	Acreage	Apportionment %		ROG lbs	TOG lbs	CO lbs	NO <sub>x</sub> lbs	CO <sub>2</sub> lbs	PM <sub>10</sub> lbs	PM <sub>2.5</sub> lbs	SO <sub>x</sub> lbs					

**Aratina Solar Project - 600 MW**  
**On-Road Mobile Emissions (55 mph)<sup>1</sup>**

Activity 1 - Site Preparation																
Vehicle Type <sup>2,3</sup>	Daily Trips To Site <sup>4</sup>	Daily Trips from Site	No. of Trips (one-way)	Average Miles per Trip (one-way) <sup>5,6</sup>	Daily Vehicle Miles Traveled	ROG lbs	TOG lbs	CO lbs	NO <sub>x</sub> lbs	CO <sub>2</sub> lbs	PM <sub>10</sub> lbs	PM <sub>2.5</sub> lbs	SO <sub>x</sub> lbs	CH <sub>4</sub> lbs	N <sub>2</sub> O lbs	MT of CO <sub>2</sub> e
<b>Within EKAPCD</b>																
Vendors (Trucks)	25															
T6 (MHDT)	8	8	16	20	320	0.06	0.07	0.42	1.39	671.90	0.15	0.09	0.01	0.0037	0.08	0
T7 (HHDT)	17	17	34	20	680	0.07	0.08	0.32	3.08	1,756.32	0.21	0.12	0.02	0.0031	0.28	0
Employee Commute	100															
Passenger Vehicle (LDA)	72	72	144	20	2,880	0.36	0.40	4.81	0.37	1,702.74	0.29	0.12	0.02	0.03	0.04	1
Light-duty Truck (LDT2)	28	28	56	20	1,120	0.29	0.32	3.09	0.39	850.42	0.11	0.05	0.01	0.02	0.03	0
<b>Daily Emissions<sup>7</sup></b>						<b>0.78</b>	<b>0.86</b>	<b>8.64</b>	<b>5.22</b>	<b>4,991.38</b>	<b>0.77</b>	<b>0.37</b>	<b>0.05</b>	<b>0.07</b>	<b>0.43</b>	<b>1.22</b>
<b>Total Activity 1 Emissions:</b>						<b>66.89</b>	<b>74.15</b>	<b>743.05</b>	<b>449.29</b>	<b>429,259.03</b>	<b>66.30</b>	<b>32.21</b>	<b>4.16</b>	<b>5.62</b>	<b>37.13</b>	<b>104.52</b>
No. of Days:	86															

Activity 2 - Grading and Earthwork																
Vehicle Type <sup>2,3</sup>	Daily Trips To Site <sup>4</sup>	Daily Trips from Site	No. of Trips (one-way)	Average Miles per Trip (one-way) <sup>5,6</sup>	Daily Vehicle Miles Traveled	ROG lbs	TOG lbs	CO lbs	NO <sub>x</sub> lbs	CO <sub>2</sub> lbs	PM <sub>10</sub> lbs	PM <sub>2.5</sub> lbs	SO <sub>x</sub> lbs	CH <sub>4</sub> lbs	N <sub>2</sub> O lbs	MT of CO <sub>2</sub> e
<b>Within EKAPCD</b>																
Vendors (Trucks)	25															
T6 (MHDT)	8	8	16	20	320	0.06	0.07	0.42	1.39	671.90	0.15	0.09	0.01	0.0037	0.08	0
T7 (HHDT)	17	17	34	20	680	0.07	0.08	0.32	3.08	1,756.32	0.21	0.12	0.02	0.0031	0.28	0
Employee Commute	400															
Passenger Vehicle (LDA)	288	288	576	20	11,520	1.44	1.58	19.22	1.49	6,810.96	1.17	0.48	0.07	0.14	0.17	3
Light-duty Truck (LDT2)	112	112	224	20	4,480	1.17	1.29	12.38	1.54	3,441.66	0.46	0.19	0.03	0.10	0.11	2
<b>Daily Emissions<sup>7</sup></b>						<b>2.74</b>	<b>3.02</b>	<b>32.34</b>	<b>7.50</b>	<b>12,680.86</b>	<b>1.99</b>	<b>0.88</b>	<b>0.12</b>	<b>0.24</b>	<b>0.64</b>	<b>4.73</b>
<b>Total Activity 2 Emissions:</b>						<b>235.30</b>	<b>259.32</b>	<b>2,781.24</b>	<b>644.94</b>	<b>1,090,554.19</b>	<b>171.27</b>	<b>75.49</b>	<b>10.70</b>	<b>20.71</b>	<b>55.45</b>	<b>406.87</b>
No. of Days:	86															

Activity 3, 4, 5 - Concrete Foundations, Structural Steel Work and Electrical/Instrumentation Work																
Vehicle Type <sup>2,3</sup>	Daily Trips To Site <sup>4</sup>	Daily Trips from Site	No. of Trips (one-way)	Average Miles per Trip (one-way) <sup>5,6</sup>	Daily Vehicle Miles Traveled	ROG lbs	TOG lbs	CO lbs	NO <sub>x</sub> lbs	CO <sub>2</sub> lbs	PM <sub>10</sub> lbs	PM <sub>2.5</sub> lbs	SO <sub>x</sub> lbs	CH <sub>4</sub> lbs	N <sub>2</sub> O lbs	MT of CO <sub>2</sub> e
<b>Within EKAPCD</b>																
Vendors (Trucks)	55															
T6 (MHDT)	18	18	36	20	720	0.13	0.15	0.94	3.13	1,511.78	0.34	0.20	0.01	0.0083	0.19	0
T7 (HHDT)	37	37	74	20	1,480	0.15	0.17	0.70	6.70	3,822.58	0.47	0.26	0.04	0.0068	0.60	0
Employee Commute	1,000															
Passenger Vehicle (LDA)	720	720	1,440	20	28,800	3.60	3.95	48.05	3.73	17,027.40	2.93	1.21	0.17	0.35	0.43	8
Light-duty Truck (LDT2)	280	280	560	20	11,200	2.93	3.23	30.95	3.85	8,604.20	1.14	0.47	0.09	0.24	0.28	4
<b>Daily Emissions<sup>7</sup></b>						<b>6.80</b>	<b>7.50</b>	<b>80.64</b>	<b>17.41</b>	<b>30,965.96</b>	<b>4.87</b>	<b>2.13</b>	<b>0.30</b>	<b>0.60</b>	<b>1.50</b>	<b>11.81</b>
<b>Total Activity 3, 4, 5 Emissions:</b>						<b>2,047.96</b>	<b>2,256.47</b>	<b>24,272.98</b>	<b>5,239.10</b>	<b>9,320,753.73</b>	<b>1,466.45</b>	<b>642.37</b>	<b>91.54</b>	<b>180.63</b>	<b>451.93</b>	<b>3,556.14</b>
No. of Days:	301															

Activity 6 - Collector Line Installation																
Vehicle Type <sup>2,3</sup>	Daily Trips To Site <sup>4</sup>	Daily Trips from Site	No. of Trips (one-way)	Average Miles per Trip (one-way) <sup>5,6</sup>	Daily Vehicle Miles Traveled	ROG lbs	TOG lbs	CO lbs	NO <sub>x</sub> lbs	CO <sub>2</sub> lbs	PM <sub>10</sub> lbs	PM <sub>2.5</sub> lbs	SO <sub>x</sub> lbs	CH <sub>4</sub> lbs	N <sub>2</sub> O lbs	MT of CO <sub>2</sub> e
<b>Within EKAPCD</b>																
Vendors (Trucks)	15															
T6 (MHDT)	5	5	10	20	200	0.04	0.04	0.26	0.87	419.94	0.09	0.06	0.00	0.0023	0.05	0
T7 (HHDT)	10	10	20	20	400	0.04	0.05	0.19	1.81	1,033.13	0.13	0.07	0.01	0.0018	0.16	0
Employee Commute	75															
Passenger Vehicle (LDA)	54	54	108	20	2,160	0.27	0.30	3.60	0.28	1,277.05	0.22	0.09	0.01	0.03	0.03	1
Light-duty Truck (LDT2)	21	21	42	20	840	0.22	0.24	2.32	0.29	645.31	0.09	0.04	0.01	0.02	0.02	0
<b>Daily Emissions<sup>7</sup></b>						<b>0.57</b>	<b>0.63</b>	<b>6.38</b>	<b>3.25</b>	<b>3,375.44</b>	<b>0.52</b>	<b>0.25</b>	<b>0.03</b>	<b>0.05</b>	<b>0.27</b>	<b>0.90</b>
<b>Total Activity 6 Emissions:</b>						<b>22.61</b>	<b>25.03</b>	<b>255.03</b>	<b>129.87</b>	<b>135,017.57</b>	<b>20.99</b>	<b>10.03</b>	<b>1.31</b>	<b>1.92</b>	<b>10.74</b>	<b>36.19</b>
No. of Days:	40															

Total On-Road Mobile Emissions from Off-site Travel for Project																
CUP	Acreage	Apportionment %				ROG lbs	TOG lbs	CO lbs	NO <sub>x</sub> lbs	CO <sub>2</sub> lbs	PM <sub>10</sub> lbs	PM <sub>2.5</sub> lbs	SO <sub>x</sub> lbs	CH <sub>4</sub> lbs	N <sub>2</sub> O lbs	MT of CO <sub>2</sub> e
# 1	372.60	13.96%				331.14	364.94	3914.97	902.00	1531747.44	240.74	106.08	15.03	29.15	77.49	572.71
# 2	957.30	35.86%				850.78	937.63	10058.50	2317.46	3935431.62	618.52	272.54	38.62	74.90	199.09	1471.44
# 3	646.00	24.20%				574.12	632.73	6787.62	1563.86	2655686.65	417.39	183.92	26.06	50.54	134.35	992.95
# 4	442.32	16.57%				393.10	433.23	4647.52	1070.78	1818364.27	285.79	125.93	17.84	34.61	91.99	679.88
# 5	251.61	9.42%				223.61	246.44	2843.69	609.10	1034354.56	162.57	71.63	10.15	19.69	52.33	386.74
<b>GRAND TOTAL</b>	<b>2,669.83</b>					<b>2372.76</b>	<b>2614.97</b>	<b>28052.30</b>	<b>6463.20</b>	<b>10975584.53</b>	<b>1725.01</b>	<b>760.10</b>	<b>107.71</b>	<b>208.89</b>	<b>555.25</b>	<b>4103.73</b>
<b>2021 (Activity 1, 2, 3, 4, 5)<sup>8</sup></b>																
# 1	372.60	13.96%				72.71	80.16	855.68	219.87	346140.06	54.30	24.17	3.39	6.38	18.78	124.84
# 2	957.30	35.86%				196.90	205.96	2196.45	564.91	889317.97	139.50	62.09	8.72	16.39	48.24	320.75
# 3	646.00	24.20%				126.05	138.98	1483.54	381.21	600124.74	94.14	41.90	5.88	11.06	32.55	216.45
# 4	442.32	16.57%				86.31	95.16	1015.79	261.02	410808.94	64.46	28.69	4.03	7.57	22.29	148.20
# 5	251.61	9.42%				49.10	54.13	577.82	148.48	233740.59	36.66	16.32	2.29	4.31	12.68	84.30
<b>2021 TOTAL</b>						<b>520.96</b>	<b>574.39</b>	<b>6131.28</b>	<b>1575.48</b>	<b>2,480,322.29</b>	<b>389.05</b>	<b>173.17</b>	<b>24.31</b>	<b>45.71</b>	<b>134.53</b>	<b>894.54</b>
<b>2022 (Activity 1, 2, 3, 4, 5, 6)<sup>10</sup></b>																
# 1	372.60	13.96%				260.83	287.42	3,087.52	688.76	1,196,716.90	188.19	82.68	11.75	22.98	59.28	452.00
# 2	957.30	35.86%				670.12	738.44	7,932.58	1,769.60	3,074,656.71	483.51	212.43	30.18	59.05	162.32	1,161.30
# 3	646.00	24.20%				462.21	498.31	5,353.02	1,194.15	2,074,823.18	326.28	143.35	20.37	39.85	102.79	783.66
# 4	442.32	16.57%				309.63	341.20	3,665.24	817.64	1,420,643.64	223.41	98.15	13.95	27.28	70.38	536.58
# 5	251.61	9.42%				176.13	194.09	2,084.93	465.11	808,115.98	127.08	55.83	7.93	15.52	40.03	305.23
<b>2022 TOTAL</b>						<b>1,868.92</b>	<b>2,059.45</b>	<b>22,123.28</b>	<b>4,935.26</b>	<b>8,574,956.41</b>	<b>1,348.47</b>	<b>592.45</b>	<b>84.18</b>	<b>164.69</b>	<b>424.80</b>	<b>3,238.77</b>

Operation per CUP*																
	No. Work days in Year:		244													
Vehicle Type	Trips to Site (Daily)	Trips from Site (Daily)	No. of Daily Trips (one-way)	Average Miles per Trip (one-way) <sup>3,4,5</sup>	Daily Vehicle Miles Traveled	ROG lbs	TOG lbs	CO lbs	NO <sub>x</sub> lbs	CO <sub>2</sub> lbs	PM <sub>10</sub> lbs	PM <sub>2.5</sub> lbs	SO <sub>x</sub> lbs	CH <sub>4</sub> lbs	N <sub>2</sub> O lbs	MT of CO <sub>2e</sub>
Employee Commute	25	25														
Passenger Vehicle (LDA)	18	18	36	40	1,440	0.10	0.12	2.21	0.17	846.87	0.15	0.06	0.01	0.01	0.02	0
Light-duty Truck (LDT2)	7	7	14	40	560	0.09	0.10	1.45	0.18	427.85	0.06	0.02	0.00	0.01	0.01	0
Service Vehicles (LHDT2)	3	3	6	75	450	0.08	0.09	0.53	0.01	569.56	0.12	0.06	0.01	0.00	0.08	0
Equipment/Material Delivery (T6)	0.3	0.3	1	75	42	0.01	0.01	0.06	0.00	87.56	0.02	0.01	0.00	0.00	0.01	0
<b>Daily Operational On-road Emissions</b>						<b>0.28</b>	<b>0.32</b>	<b>4.25</b>	<b>0.36</b>	<b>1,931.84</b>	<b>0.34</b>	<b>0.15</b>	<b>0.02</b>	<b>0.03</b>	<b>0.12</b>	<b>0.89</b>
<b>Annual Operational On-road Emissions</b>						<b>67.19</b>	<b>77.21</b>	<b>1,036.45</b>	<b>88.27</b>	<b>471,370.00</b>	<b>83.16</b>	<b>37.42</b>	<b>4.60</b>	<b>6.24</b>	<b>29.56</b>	<b>217.44</b>
<b>Operational Emissions by CUP</b>																
CUP	Acreage	Apportionment %				ROG lbs	TOG lbs	CO lbs	NO <sub>x</sub> lbs	CO <sub>2</sub> lbs	PM <sub>10</sub> lbs	PM <sub>2.5</sub> lbs	SO <sub>x</sub> lbs	CH <sub>4</sub> lbs	N <sub>2</sub> O lbs	MT of CO <sub>2e</sub>
# 1	372.60	13.96%				9.38	10.77	144.65	12.32	65,784.18	11.61	5.22	0.64	0.87	4.12	30.35
# 2	957.30	35.86%				24.09	27.68	371.63	31.65	169,015.55	29.82	13.42	1.65	2.24	10.60	77.97
# 3	646.00	24.20%				16.26	18.68	250.78	21.36	114,054.16	20.12	9.05	1.11	1.51	7.15	52.61
# 4	442.32	16.57%				11.13	12.79	171.71	14.62	78,093.55	13.78	6.20	0.76	1.03	4.90	36.02
# 5	251.61	9.42%				6.53	7.28	97.68	8.32	44,422.57	7.64	3.53	0.43	0.59	2.79	20.49

Note: 1 lb = 453.59 grams; MT = metric tons

- On-road emissions use mileage to determine running emissions from associated with vendor vehicles coming to the site. Starting and additional emissions for vendor vehicles are not included here, and are included with on-site emissions. Emissions from employee commute vehicles assume only one trip to the site per day occur. On-road emissions for employee commute account for running and start emissions for all pollutants, as well as hotsoak, running losses, diurnal, and resting loss ROG and TOG emissions.
- It is assumed that 1/3 of the vendor trips are done by T6 trucks (MHDT) and 2/3 by T7 trucks (HHDT); assumption is the same as used in Eland 1 Solar Project
- To more accurately represent the type of vehicles used by employees for commuting it is assumed that 72% of the vehicles are light-duty automobiles (LDA) and 28% is light-duty trucks (LDT2). Percentages were derived from the distribution of gasoline powered LDA and LDT2 VMT from EMFAC2017.
- Trip data source: EPD Solutions, 2019
- Assumed that vendors are coming from either San Bernardino or Bakersfield, approximately 75 miles from the project site.
- Assumed that employees are coming from within a 20 mile radius of the project site and that each employee drives themselves (i.e. no carpooling)
- On-road emissions are based on vendor trucks being primarily diesel powered and employee commute vehicles primarily gasoline powered. Emission factors are weighted based on the type of fuel used per vehicle class indicated in EMFAC2017 by sub-area.
- Operational trip information was not available therefore assumptions were made assuming that daily operations would be similar to the Eland Solar project and that each of the 5 CUPs would have 5 full-time employees and have the same operational emissions.
- Emissions for 2021 calculated using following assumptions related to construction days/schedule: 65 days from Activity 1, 65 days from Activity 2, 43 days from Activity 3, 4, 5
- Emissions for 2022 calculated using following assumptions related to construction days/schedule: 22 days from Activity 1, 22 days from Activity 2, 260 days from Activity 3, 4, 5 and 40 days from Activity 6

# Aratina Solar Project - 600 MW

## Fugitive Dust Emissions on Paved Roads in Kern County <sup>1</sup>

Activity 1 - Site Preparation					Number of Days		86
Vehicle Type	Daily Vehicle Miles Traveled	Total Vehicle Miles Traveled	PM <sub>10</sub> lbs/mile factor	PM <sub>2.5</sub> lbs/mile factor	PM <sub>10</sub> lbs	PM <sub>2.5</sub> lbs	
Vendors (Trucks)							
T6 (MHDT)	320	27,520	0.004	0.0006	119.08	17.86	
T7 (HHDT)	680	58,480	0.004	0.0006	253.05	37.96	
Employee Commute							
Passenger Vehicle (LDA)	2,880	247,680	0.004	0.0006	1,071.73	160.76	
Light-duty Truck (LDT2)	1,120	96,320	0.004	0.0006	416.78	62.52	
<b>Total Pounds Per Day</b>					<b>21.64</b>	<b>3.25</b>	
<b>Total</b>	<b>5,000</b>				<b>1,860.63</b>	<b>279.10</b>	

Activity 2 - Grading and Earthwork					Number of Days		86
Vehicle Type	Daily Vehicle Miles Traveled	Total Vehicle Miles Traveled	PM <sub>10</sub> lbs/mile factor	PM <sub>2.5</sub> lbs/mile factor	PM <sub>10</sub> lbs	PM <sub>2.5</sub> lbs	
Vendors (Trucks)							
T6 (MHDT)	320	27,520	0.004	0.0006	119.08	17.86	
T7 (HHDT)	680	58,480	0.004	0.0006	253.05	37.96	
Employee Commute							
Passenger Vehicle (LDA)	11,520	990,720	0.004	0.0006	4,286.90	643.04	
Light-duty Truck (LDT2)	4,480	385,280	0.004	0.0006	1,667.13	250.07	
<b>Total Pounds Per Day</b>					<b>73.56</b>	<b>11.03</b>	
<b>Total</b>	<b>16,000</b>				<b>6,326.16</b>	<b>948.92</b>	

Activity 3, 4, 5 - Concrete Foundations, Structural Steel Work and Electrical/Instrumentation Work					Number of Days		301
Vehicle Type	Daily Vehicle Miles Traveled	Total Vehicle Miles Traveled	PM <sub>10</sub> lbs/mile factor	PM <sub>2.5</sub> lbs/mile factor	PM <sub>10</sub> lbs	PM <sub>2.5</sub> lbs	
Vendors (Trucks)							
T6 (MHDT)	720	216,720	0.004	0.0006	937.76	140.66	
T7 (HHDT)	1,480	445,480	0.004	0.0006	1,927.62	289.14	
Employee Commute							
Passenger Vehicle (LDA)	28,800	8,668,800	0.004	0.0006	37,510.40	5,626.56	
Light-duty Truck (LDT2)	11,200	3,371,200	0.004	0.0006	14,587.38	2,188.11	
<b>Total Pounds Per Day</b>					<b>182.60</b>	<b>27.39</b>	
<b>Total</b>	<b>40,000</b>				<b>54,963.15</b>	<b>8,244.47</b>	

Activity 6 - Collector Line Installation					Number of Days		40
Vehicle Type	Daily Vehicle Miles Traveled	Total Vehicle Miles Traveled	PM <sub>10</sub> lbs/mile factor	PM <sub>2.5</sub> lbs/mile factor	PM <sub>10</sub> lbs	PM <sub>2.5</sub> lbs	
Vendors (Trucks)							
T6 (MHDT)	200	8,000	0.004	0.0006	34.62	5.19	
T7 (HHDT)	400	16,000	0.004	0.0006	69.23	10.38	
Employee Commute							
Passenger Vehicle (LDA)	2,160	86,400	0.004	0.0006	373.86	56.08	
Light-duty Truck (LDT2)	840	33,600	0.004	0.0006	145.39	21.81	
<b>Total Pounds Per Day</b>					<b>15.58</b>	<b>2.34</b>	
<b>Total</b>	<b>3,000</b>				<b>623.10</b>	<b>93.46</b>	

Total Paved Road Dust Emissions from Off-site Travel for Project	Apportionment %				PM <sub>10</sub> lbs	PM <sub>2.5</sub> lbs
CUP #1	13.96%				8900.13615	1335.020422
CUP #2	35.86%				22866.61389	3429.992084
CUP #3	24.20%				15430.72451	2314.608677
CUP #4	16.57%				10565.50784	1584.826176
CUP #5	9.42%				6010.061572	901.5092358
<b>TOTAL</b>					<b>63,773.04</b>	<b>9,565.96</b>
<b>2021 (Activity 1, 2, 3, 4, 5)<sup>2</sup></b>						
CUP #1	13.96%				1959.36	293.90
CUP #2	35.86%				5034.06	755.11
CUP #3	24.20%				3397.06	509.56
CUP #4	16.57%				2325.99	348.90
CUP #5	9.42%				1323.11	198.47
<b>2021 TOTAL</b>					<b>14039.57</b>	<b>2105.94</b>
<b>2022 (Activity 1, 2, 3, 4, 5, 6)<sup>3</sup></b>						
CUP #1	13.96%				7,005.03	1,050.75
CUP #2	35.86%				17,997.63	2,699.65
CUP #3	24.20%				12,145.07	1,821.76
CUP #4	16.57%				8,315.80	1,247.37
CUP #5	9.42%				4,730.34	709.55
<b>2022 TOTAL</b>					<b>50,193.87</b>	<b>7,529.08</b>

Operational Phase Fugitive Dust Emissions on Paved Roads					Number of Days: 244	
Vehicle Type	Daily Vehicle Miles Traveled	Total Vehicle Miles Traveled	PM <sub>10</sub> lbs/mile factor	PM <sub>2.5</sub> lbs/mile factor	PM <sub>10</sub> lbs	PM <sub>2.5</sub> lbs
Employee Commute						
Passenger Vehicle (LDA)	1,440	351360	0.004	0.0006	1,520.36	228.05
Light-duty Truck (LDT2)	560	136640	0.004	0.0006	591.25	88.69
Service Vehicles (LHDT2)	450	109800	0.004	0.0006	475.11	71.27
Equipment/Material Delivery (T6)	42	10174.8	0.004	0.0006	44.03	6.60
<b>Total Pounds Per Day</b>					<b>10.78</b>	<b>1.62</b>
<b>Annual Pounds</b>					<b>2630.74</b>	<b>394.61</b>
Operational Emissions by CUP						
CUP	Apportionment				PM <sub>10</sub> lbs	PM <sub>2.5</sub> lbs
	Acreage	%				
# 1	372.60	13.96%			367.1451395	55.07177093
# 2	957.30	35.86%			943.2851371	141.4927706
# 3	646.00	24.20%			636.5425661	95.48138492
# 4	442.32	16.57%			435.8444394	65.37666591
# 5	251.61	9.42%			247.9248471	37.18872707

Notes:

1. Emission factor calculation presented in "Emission Factors" tab

2. Emissions for 2021 calculated using following assumptions related to construction days/schedule: 65 days from Activity 1, 65 days from Activity 2, 43 days from Activity 3,4,5

3. Emissions for 2022 calculated using following assumptions related to construction days/schedule: 22 days from Activity 1, 22 days from Activity 2, 260 days from Activity 3,4,5 and 40 days from Activity 6

# Aratina Solar Project - 600 MW

## 2021 Construction Criteria Emissions by CUP

Emission Type	Source	Emissions (tons per phase)						With Water Control		With Palliative Control	
		ROG	NO <sub>x</sub>	SO <sub>x</sub>	CO	PM <sub>10</sub>	PM <sub>2.5</sub>	PM <sub>10</sub> (tons)	PM <sub>2.5</sub> (tons)	PM <sub>10</sub> (tons)	PM <sub>2.5</sub> (tons)
<b>CUP #1</b>											
Exhaust	Off Road Construction Equipment	0.1	0.5	0.001	0.5	0.0	0.0	0.0	0.0	0.0	0.0
	On-Road Vehicles	0.0	0.1	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0
Fugitive Dust	Off Road Construction Activity	-	-	-	-	0.3	0.0	0.2	0.0	0.1	0.0
	On-Road Vehicles (resuspended)	-	-	-	-	1.0	0.2	1.0	0.1	0.2	0.1
<b>Subtotal</b>		<b>0.1</b>	<b>0.7</b>	<b>0.0</b>	<b>0.9</b>	<b>1.4</b>	<b>0.2</b>	<b>1.2</b>	<b>0.2</b>	<b>0.3</b>	<b>0.2</b>
<b>CUP #2</b>											
Exhaust	Off Road Construction Equipment	0.1	1.4	0.003	1.3	0.1	0.1	0.1	0.1	0.1	0.1
	On-Road Vehicles	0.1	0.3	0.0	1.1	0.1	0.0	0.1	0.0	0.1	0.0
Fugitive Dust	Off Road Construction Activity	-	-	-	-	0.8	0.1	0.5	0.1	0.3	0.0
	On-Road Vehicles (resuspended)	-	-	-	-	2.6	0.4	2.6	0.4	0.4	0.4
<b>Subtotal</b>		<b>0.2</b>	<b>1.7</b>	<b>0.0</b>	<b>2.4</b>	<b>3.5</b>	<b>0.6</b>	<b>3.2</b>	<b>0.5</b>	<b>0.8</b>	<b>0.5</b>
<b>CUP #3</b>											
Exhaust	Off Road Construction Equipment	0.1	0.9	0.00	0.9	0.0	0.0	0.0	0.0	0.0	0.0
	On-Road Vehicles	0.1	0.2	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0
Fugitive Dust	Off Road Construction Activity	-	-	-	-	0.5	0.1	0.3	0.0	0.2	0.0
	On-Road Vehicles (resuspended)	-	-	-	-	1.8	0.3	1.7	0.3	0.3	0.3
<b>Subtotal</b>		<b>0.2</b>	<b>1.1</b>	<b>0.0</b>	<b>1.6</b>	<b>2.4</b>	<b>0.4</b>	<b>2.2</b>	<b>0.4</b>	<b>0.5</b>	<b>0.3</b>
<b>CUP #4</b>											
Exhaust	Off Road Construction Equipment	0.1	0.6	0.00	0.6	0.0	0.0	0.0	0.0	0.0	0.0
	On-Road Vehicles	0.0	0.1	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0
Fugitive Dust	Off Road Construction Activity	-	-	-	-	0.4	0.0	0.2	0.0	0.1	0.0
	On-Road Vehicles (resuspended)	-	-	-	-	1.2	0.2	1.2	0.2	0.2	0.2
<b>Subtotal</b>		<b>0.1</b>	<b>0.8</b>	<b>0.0</b>	<b>1.1</b>	<b>1.6</b>	<b>0.3</b>	<b>1.5</b>	<b>0.2</b>	<b>0.4</b>	<b>0.2</b>
<b>CUP #5</b>											
Exhaust	Off Road Construction Equipment	0.0	0.4	0.00	0.3	0.0	0.0	0.0	0.0	0.0	0.0
	On-Road Vehicles	0.0	0.1	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0
Fugitive Dust	Off Road Construction Activity	-	-	-	-	0.2	0.0	0.1	0.0	0.1	0.0
	On-Road Vehicles (resuspended)	-	-	-	-	0.7	0.1	0.7	0.1	0.1	0.1
<b>Subtotal</b>		<b>0.1</b>	<b>0.4</b>	<b>0.0</b>	<b>0.6</b>	<b>0.9</b>	<b>0.1</b>	<b>0.8</b>	<b>0.1</b>	<b>0.2</b>	<b>0.1</b>
<b>Construction Emissions Total for 2021</b>		<b>0.7</b>	<b>4.7</b>	<b>0.0</b>	<b>6.6</b>	<b>9.9</b>	<b>1.6</b>	<b>8.9</b>	<b>1.5</b>	<b>2.3</b>	<b>1.4</b>
<b>EKAPCD Tons/Yr Threshold</b>		<b>25</b>	<b>25</b>	<b>27</b>	<b>N/A</b>	<b>15</b>	<b>N/A</b>	<b>15</b>	<b>N/A</b>	<b>15</b>	<b>N/A</b>
<b>Exceed Threshold?</b>		<b>No</b>	<b>No</b>	<b>No</b>	<b>N/A</b>	<b>No</b>	<b>N/A</b>	<b>No</b>	<b>N/A</b>	<b>No</b>	<b>N/A</b>

**2022 Construction Criteria Emissions by CUP**

Emission Type	Source	Emissions (tons per phase)						With Water Control		With Palliative Control	
		ROG	NO <sub>x</sub>	SO <sub>x</sub>	CO	PM <sub>10</sub>	PM <sub>2.5</sub>	PM <sub>10</sub> (tons)	PM <sub>2.5</sub> (tons)	PM <sub>10</sub> (tons)	PM <sub>2.5</sub> (tons)
<b>CUP #1</b>											
Exhaust	Off Road Construction Equipment	0.3	2.8	0.005	2.6	0.1	0.1	0.1	0.1	0.1	0.1
	On-Road Vehicles	0.1	0.4	0.0	1.5	0.1	0.0	0.1	0.0	0.1	0.0
Fugitive Dust	Off Road Construction Activity	-	-	-	-	1.0	0.1	0.7	0.1	0.3	0.0
	On-Road Vehicles (resuspended)	-	-	-	-	3.6	0.5	3.5	0.5	3.5	0.5
<b>Subtotal</b>		<b>0.4</b>	<b>3.1</b>	<b>0.0</b>	<b>4.2</b>	<b>4.8</b>	<b>0.8</b>	<b>4.5</b>	<b>0.8</b>	<b>4.0</b>	<b>0.7</b>
<b>CUP #2</b>											
Exhaust	Off Road Construction Equipment	0.8	7.1	0.014	6.8	0.3	0.3	0.3	0.3	0.3	0.3
	On-Road Vehicles	0.3	0.9	0.0	4.0	0.2	0.1	0.2	0.1	0.2	0.1
Fugitive Dust	Off Road Construction Activity	-	-	-	-	2.5	0.3	1.8	0.2	0.7	0.1
	On-Road Vehicles (resuspended)	-	-	-	-	9.3	1.4	9.1	1.4	9.0	0.0
<b>Subtotal</b>		<b>1.2</b>	<b>8.0</b>	<b>0.0</b>	<b>10.8</b>	<b>12.4</b>	<b>2.0</b>	<b>11.5</b>	<b>1.9</b>	<b>10.3</b>	<b>0.5</b>
<b>CUP #3</b>											
Exhaust	Off Road Construction Equipment	0.6	4.8	0.009	4.6	0.2	0.2	0.2	0.2	0.2	0.2
	On-Road Vehicles	0.2	0.6	0.0	2.7	0.2	0.1	0.2	0.1	0.2	0.1
Fugitive Dust	Off Road Construction Activity	-	-	-	-	1.7	0.2	1.2	0.1	0.5	0.0
	On-Road Vehicles (resuspended)	-	-	-	-	6.2	0.9	6.2	0.9	6.1	0.9
<b>Subtotal</b>		<b>0.8</b>	<b>5.4</b>	<b>0.0</b>	<b>7.3</b>	<b>8.3</b>	<b>1.4</b>	<b>7.7</b>	<b>1.3</b>	<b>6.9</b>	<b>1.2</b>
<b>CUP #4</b>											
Exhaust	Off Road Construction Equipment	0.4	3.3	0.006	3.1	0.1	0.1	0.1	0.1	0.1	0.1
	On-Road Vehicles	0.2	0.4	0.0	1.8	0.1	0.0	0.1	0.0	0.1	0.0
Fugitive Dust	Off Road Construction Activity	-	-	-	-	1.2	0.1	0.8	0.1	0.3	0.0
	On-Road Vehicles (resuspended)	-	-	-	-	4.3	0.6	4.2	0.6	4.2	0.6
<b>Subtotal</b>		<b>0.5</b>	<b>3.7</b>	<b>0.0</b>	<b>5.0</b>	<b>5.7</b>	<b>0.9</b>	<b>5.3</b>	<b>0.9</b>	<b>4.8</b>	<b>0.8</b>
<b>CUP #5</b>											
Exhaust	Off Road Construction Equipment	0.2	1.9	0.004	1.8	0.1	0.1	0.1	0.1	0.1	0.1
	On-Road Vehicles	0.1	0.2	0.0	1.0	0.1	0.0	0.1	0.0	0.1	0.0
Fugitive Dust	Off Road Construction Activity	-	-	-	-	0.7	0.1	0.5	0.0	0.2	0.0
	On-Road Vehicles (resuspended)	-	-	-	-	2.4	0.4	2.4	0.4	2.4	0.4
<b>Subtotal</b>		<b>0.3</b>	<b>2.1</b>	<b>0.0</b>	<b>2.8</b>	<b>3.2</b>	<b>0.5</b>	<b>3.0</b>	<b>0.5</b>	<b>2.7</b>	<b>0.5</b>
<b>Construction Emissions Total for 2022</b>		<b>3.2</b>	<b>22.3</b>	<b>0.1</b>	<b>30.0</b>	<b>34.5</b>	<b>5.7</b>	<b>32.0</b>	<b>5.4</b>	<b>28.7</b>	<b>3.7</b>
<b>EKAPCD Tons/Yr Threshold</b>		<b>25</b>	<b>25</b>	<b>27</b>	<b>N/A</b>	<b>15</b>	<b>N/A</b>	<b>15</b>	<b>15</b>	<b>15</b>	<b>15</b>
<b>Exceed Threshold?</b>		No	No	No	No	Yes	No	Yes	No	Yes	No



## Operational Criteria Emissions by CUP

Emission Type	Source	Emissions (tons per year)					
		ROG	NO <sub>x</sub>	SO <sub>x</sub>	CO	PM <sub>10</sub> <sup>2</sup>	PM <sub>2.5</sub> <sup>2</sup>
<b>CUP #1</b>							
Exhaust	On Road and On Site Vehicles	0.0	0.0	0.000	0.1	0.0	0.0
Fugitive Dust	Maintenance Vehicles	-	-	-	-	0.6	0.1
<b>Subtotal</b>		<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.1</b>	<b>0.6</b>	<b>0.1</b>
<b>CUP #2</b>							
Exhaust	On Road and On Site Vehicles	0.0	0.0	0.001	0.2	0.0	0.0
Fugitive Dust	Maintenance Vehicles	-	-	-	-	1.6	0.2
<b>Subtotal</b>		<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.2</b>	<b>1.6</b>	<b>0.2</b>
<b>CUP #3</b>							
Exhaust	On Road and On Site Vehicles	0.0	0.0	0.001	0.1	0.0	0.0
Fugitive Dust	Maintenance Vehicles	-	-	-	-	1.1	0.1
<b>Subtotal</b>		<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.1</b>	<b>1.1</b>	<b>0.1</b>
<b>CUP #4</b>							
Exhaust	On Road and On Site Vehicles	0.0	0.0	0.000	0.1	0.0	0.0
Fugitive Dust	Maintenance Vehicles	-	-	-	-	0.7	0.1
<b>Subtotal</b>		<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.1</b>	<b>0.7</b>	<b>0.1</b>
<b>CUP #5</b>							
Exhaust	On Road and On Site Vehicles	0.0	0.0	0.000	0.1	0.0	0.0
Fugitive Dust	Maintenance Vehicles	-	-	-	-	0.4	0.0
<b>Subtotal</b>		<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.1</b>	<b>0.4</b>	<b>0.1</b>
<b>Total</b>		<b>0.0</b>	<b>0.1</b>	<b>0.0</b>	<b>0.6</b>	<b>4.5</b>	<b>0.5</b>
<b>EKAPCD Tons/Year Threshold</b>		<b>25</b>	<b>25</b>	<b>N/A</b>	<b>27</b>	<b>15</b>	<b>N/A</b>
<b>Exceed Threshold?</b>		No	No	N/A	No	No	N/A
<b>Total Operations lbs/day (annualized)<sup>3</sup></b>		<b>0.3</b>	<b>0.7</b>	<b>0.0</b>	<b>4.6</b>	<b>36.8</b>	<b>4.3</b>

1. Operational emissions were estimated assuming that operations for Aratina would be similar as for Eland Solar Project.

2. Assumes maintenance vehicles are traveling on 50% paved roads and 50% unpaved roads/ untreated soil

3. Annualized at 244 working days per year

## GHG Emissions from Construction

Year	Location	Emissions Source (MT of CO <sub>2</sub> e)				Total (MT of CO <sub>2</sub> e)
		Off-Road	On-site Mobile	Off-site Mobile	Indirect GHG Emissions from Water Use	
2021	CUP#1	99	0.5	125	5	229
	CUP#2	254	1.4	321	13	589
	CUP#3	171	1.0	216	9	397
	CUP#4	117	0.7	148	6	272
	CUP#5	67	0.4	84	4	155
	<b>Subtotal</b>	<b>708</b>	<b>3.9</b>	<b>895</b>	<b>36</b>	<b>1,642</b>
2022	CUP#1	513	1.6	452	2	968
	CUP#2	1,318	4.0	1,161	4	2,487
	CUP#3	889	2.7	784	3	1,678
	CUP#4	609	1.9	537	2	1,149
	CUP#5	346	1.1	305	1	654
	<b>Subtotal</b>	<b>3,675</b>	<b>11.2</b>	<b>3,239</b>	<b>12</b>	<b>6,937</b>
<b>Total Construction</b>		<b>4,383</b>	<b>15.1</b>	<b>4,133</b>	<b>48</b>	<b>8,578</b>
Decommissioning		4,383	15.1	4,133	48	8,578
<i>Amortized Emissions (30-year life)</i>		292	1	276	3	572
<b>EKAPCD Threshold</b>					<b>25,000</b>	
Exceed Threshold?					No	

Note: Numbers have been rounded to the nearest metric ton (MT).

## GHG Emissions from Operation

Location	Emissions Source (MT of CO <sub>2</sub> e)				Total (MT of CO <sub>2</sub> e)
	Off-Road	On-site Mobile	Off-site Mobile	Indirect GHG Emissions from Water Use	
CUP#1	0	3	30	3	36
CUP#2	0	7	78	7	92
CUP#3	0	5	53	5	62
CUP#4	0	3	36	3	43
CUP#5	0	2	20	2	24
Subtotal	0	20	217	20	257
Amortized Construction and Decommissioning Emissions	292	1	276	3	572
<b>Total</b>	<b>292</b>	<b>21</b>	<b>493</b>	<b>23</b>	<b>829</b>
<b>EKAPCD CEQA Threshold</b>					<b>25,000</b>
Exceed Threshold?					No

Note: Numbers have been rounded to the nearest metric ton (MT).

## Aratina Solar Project - 600 MW

Displaced Energy Production during 30-year Project life

Annual Energy Production	
Grid Size (MW)	600
Total hrs/year	8760
% Operational time <sup>1</sup>	28%
Operational hours/year	2,467
KWh produced per year	1,480,440,000
Assumed Heat Rate (Btu/KWh)	10,000
Annual Fuel Equivalent (MMBtu) <sup>2</sup>	14,804,400

California Power Mix <sup>3</sup>		Annual Fuel Displacement (MMBtu)
Coal <sup>4</sup>	4.13%	611,422
Large Hydro	14.72%	2,179,208
Natural Gas <sup>4</sup>	33.67%	4,984,641
Nuclear	9.08%	1,344,240
Oil	0.01%	1,480
Other (petroleum coke/waste heat)	0.14%	20,726
Renewables	29.00%	4,293,276
Unspecified sources of Power	9.25%	1,369,407
<b>Total</b>	<b>100.00%</b>	<b>14,804,400</b>

### Annual Pollutant Displacement<sup>4</sup>

Natural Gas Turbine Emissions					
Pollutant	AP-42 Emission Factor (lb/MMBtu) <sup>5</sup>	Controlled Emission Factor (lb/MMBtu)	Controlled Emissions (lb)	Controlled Emissions (ton)	AP-42 Emission Factor Source Notes <sup>5</sup>
NO <sub>2</sub>	0.099	0.099	493,480	246.74	Table 3.1-1, lean premix; Assume SCR Control Efficiency
CO	0.015	0.015	74,770	37.38	Table 3.1-1, lean premix; Assume Ox. Cat. Control Efficiency
PM <sub>10</sub>	0.0047	0.0047	23,428	11.71	Table 3.1-2a, PM (condensable)
PM <sub>2.5</sub>	0.0019	0.0019	9,471	4.74	Table 3.1-2a, PM (filterable)
SO <sub>2</sub>	0.0034	0.0034	16,948	8.47	Table 3.1-2a
CO <sub>2</sub>	110	110	548,310,563	274,155.28	Table 3.1-2a

### Coal Combustion Emissions

Pollutant	AP-42 Emission Factor (lb/ton) <sup>6</sup>	Controlled Emission Factor (lb/ton)	Emissions (lb) <sup>7</sup>	Emissions (ton)	AP-42 Emission Factor Source Notes <sup>6</sup>
NO <sub>x</sub>	12	12	305711	152.86	Table 1.1-3 pulverized coal, wall fired, bituminous coal NSPS
CO	0.5	0.5	12738	6.37	Table 1.1-3 pulverized coal, wall fired, bituminous coal NSPS
PM <sub>10</sub> <sup>8</sup>	0.46	0.084	2140	1.07	Table 1.1-4, PC-fired dry bottom wall-fired, scrubber control
PM <sub>2.5</sub> <sup>8</sup>	0.12	0.06	1529	0.76	Table 1.1-4, PC-fired dry bottom wall-fired, scrubber control
SO <sub>2</sub> <sup>9</sup>	2.85	0.57	14521	7.26	Table 1.1-3 pulverized coal, wall fired, bituminous coal NSPS
CO <sub>2</sub>	6040	6040	153874466	76,937.23	Table 1.1-20
Total NMHC	0.06	0.06	1529	0.76	Table 1.1-19; assumed all hydrocarbons are reactive
CH <sub>4</sub>	0.04	0.04	1019	0.51	Table 1.1-19
N <sub>2</sub> O	0.03	0.03	764	0.38	Table 1.1-19

### Total Displaced Emissions Associated With Direct Combustion

Pollutant	tons/year <sup>3</sup>	tons/lifetime (30 years)
ROG (NMHC)	0.76	22.93
NO <sub>x</sub>	399.60	11,987.86
CO	43.75	1,312.61
PM <sub>10</sub>	12.78	383.52
PM <sub>2.5</sub>	5.50	164.99
SO <sub>2</sub>	15.73	472.04
CO <sub>2</sub> E	318,610.58	9,558,317.44

Notes:

- Operational time is based on annual average solar radiation hours per day per year (6.76) for the project area. Source: National Renewable Energy Laboratories, U.S. Department of Energy (<https://pwatts.nrel.gov/pwatts.php>)
- The Project is assumed to displace existing power generation equivalent to the current power mix (each year of operation).
- California Power Mix assumptions are based on data from Total California Electrical System Power ([http://www.energyalmanac.ca.gov/electricity/total\\_system\\_power.html](http://www.energyalmanac.ca.gov/electricity/total_system_power.html)).
- Combustion of natural gas and coal for power are of the greatest concern related to the generation of criteria pollutants and GHG emissions, therefore only fuel displacement of natural gas and coal due to electricity production from the Solar Scarlet facility are considered in this assessment.
- EPA Air Pollution Emission Factors AP-42 Section 3.1, Stationary Gas Turbines
- EPA Air Pollution Emission Factors AP-42 Section 1.1, Bituminous and Subbituminous Coal Combustion
- Coal characteristics used for conversion: Assumed coal heat content = 24 MMBtu/ton
- Total particulate matter (CPM-TOT) is expressed in terms of coal ash content therefore emission factor is determined by multiplying % ash content of coal (assumed to be 20% herein) by value listed in Table 1.1-4. Organic fraction of particulate matter is 20% of total CPM-TOT (Table 1.1-5) and listed as controlled emission factor.
- SO<sub>2</sub> emission factor calculated by multiplying the weight percent of sulfur (assumed to be 7.5%) by the value listed in Table 1.1-3
- CO<sub>2</sub>E volumes are in metric tons rather than short (US) tons

## Traffic Conditional Assumptions

<b>Heavy Vehicle ADT by Phase</b>				
Activity	Description	Work days		ADT
	1 Site Preparation	86		25
	2 Grading and Earthwork	86		25
	3,4,5 Foundations, Steel, Electrical	301		55
	6 Collector Line Installation	40		15
<b>Passenger Vehicle ADT by Phase</b>				
Activity	Description	Work days		ADT
	1 Site Preparation	86		100
	2 Grading and Earthwork	86		250
	3,4,5 Foundations, Steel, Electrical	301		250
	6 Collector Line Installation	40		75

Note: ADT (average daily trips), highlighted in yellow is the adjustment made for the traffic conditional where any activity that previously assumed over 250 workers has been adjusted to a maximum of 250 workers.

# With Recommendation AQ-3

## Aratina Solar Project - 600 MW On-Road Mobile Emissions (55 mph)<sup>1</sup>

Activity 1 - Site Preparation																	
Vehicle Type <sup>2,3</sup>	Daily Trips To Site <sup>4</sup>	Daily Trips from Site	No. of Trips (one-way)	Average Miles per Trip (one-way) <sup>5,6</sup>	Daily Vehicle Miles Traveled	ROG lbs	TOG lbs	CO lbs	NO <sub>x</sub> lbs	CO <sub>2</sub> lbs	PM <sub>10</sub> lbs	PM <sub>2.5</sub> lbs	SO <sub>x</sub> lbs	CH <sub>4</sub> lbs	N <sub>2</sub> O lbs	MT of CO <sub>2</sub> e	
Within EKAPCD																	
Vendors (Trucks)	25																
T6 (MHDT)	8	8	16	20	320	0.06	0.07	0.42	1.39	671.90	0.15	0.09	0.01	0.0037	0.08	0	
T7 (HHDT)	17	17	34	20	680	0.07	0.08	0.32	3.08	1,756.32	0.21	0.12	0.02	0.0031	0.28	0	
Employee Commute	100																
Passenger Vehicle (LDA)	72	72	144	20	2,880	0.36	0.40	4.81	0.37	1,702.74	0.29	0.12	0.02	0.03	0.04	1	
Light-duty Truck (LDT2)	28	28	56	20	1,120	0.29	0.32	3.09	0.39	860.42	0.11	0.05	0.01	0.02	0.03	0	
					<b>Daily Emissions<sup>7</sup></b>	<b>0.78</b>	<b>0.86</b>	<b>8.64</b>	<b>5.22</b>	<b>4,991.38</b>	<b>0.77</b>	<b>0.37</b>	<b>0.05</b>	<b>0.07</b>	<b>0.43</b>	<b>1.22</b>	
No. of Days:	86				<i>Total Activity 1 Emissions:</i>	<i>66.89</i>	<i>74.15</i>	<i>743.05</i>	<i>449.29</i>	<i>429,259.03</i>	<i>66.30</i>	<i>32.21</i>	<i>4.16</i>	<i>5.62</i>	<i>37.13</i>	<i>104.52</i>	

Activity 2 - Grading and Earthwork																	
Vehicle Type <sup>2,3</sup>	Daily Trips To Site <sup>4</sup>	Daily Trips from Site	No. of Trips (one-way)	Average Miles per Trip (one-way) <sup>5,6</sup>	Daily Vehicle Miles Traveled	ROG lbs	TOG lbs	CO lbs	NO <sub>x</sub> lbs	CO <sub>2</sub> lbs	PM <sub>10</sub> lbs	PM <sub>2.5</sub> lbs	SO <sub>x</sub> lbs	CH <sub>4</sub> lbs	N <sub>2</sub> O lbs	MT of CO <sub>2</sub> e	
Within EKAPCD																	
Vendors (Trucks)	25																
T6 (MHDT)	8	8	16	20	320	0.06	0.07	0.42	1.39	671.90	0.15	0.09	0.01	0.0037	0.08	0	
T7 (HHDT)	17	17	34	20	680	0.07	0.08	0.32	3.08	1,756.32	0.21	0.12	0.02	0.0031	0.28	0	
Employee Commute	250																
Passenger Vehicle (LDA)	180	180	360	20	7,200	0.90	0.99	12.01	0.93	4,256.85	0.73	0.30	0.04	0.09	0.11	2	
Light-duty Truck (LDT2)	70	70	140	20	2,800	0.73	0.81	7.74	0.96	2,151.05	0.29	0.12	0.02	0.06	0.07	1	
					<b>Daily Emissions<sup>7</sup></b>	<b>1.76</b>	<b>1.94</b>	<b>20.49</b>	<b>6.36</b>	<b>8,836.12</b>	<b>1.38</b>	<b>0.63</b>	<b>0.09</b>	<b>0.15</b>	<b>0.54</b>	<b>2.97</b>	
No. of Days:	86				<i>Total Activity 2 Emissions:</i>	<i>151.09</i>	<i>166.73</i>	<i>1,762.15</i>	<i>547.12</i>	<i>759,906.61</i>	<i>118.78</i>	<i>53.85</i>	<i>7.43</i>	<i>13.16</i>	<i>46.29</i>	<i>255.70</i>	

Activity 3, 4, 5 - Concrete Foundations, Structural Steel Work and Electrical/Instrumentation Work																	
Vehicle Type <sup>2,3</sup>	Daily Trips To Site <sup>4</sup>	Daily Trips from Site	No. of Trips (one-way)	Average Miles per Trip (one-way) <sup>5,6</sup>	Daily Vehicle Miles Traveled	ROG lbs	TOG lbs	CO lbs	NO <sub>x</sub> lbs	CO <sub>2</sub> lbs	PM <sub>10</sub> lbs	PM <sub>2.5</sub> lbs	SO <sub>x</sub> lbs	CH <sub>4</sub> lbs	N <sub>2</sub> O lbs	MT of CO <sub>2</sub> e	
Within EKAPCD																	
Vendors (Trucks)	55																
T6 (MHDT)	18	18	36	20	720	0.13	0.15	0.94	3.13	1,511.78	0.34	0.20	0.01	0.0083	0.19	0	
T7 (HHDT)	37	37	74	20	1,480	0.15	0.17	0.70	6.70	3,822.58	0.47	0.26	0.04	0.0068	0.60	0	
Employee Commute	250																
Passenger Vehicle (LDA)	180	180	360	20	7,200	0.90	0.99	12.01	0.93	4,256.85	0.73	0.30	0.04	0.09	0.11	2	
Light-duty Truck (LDT2)	70	70	140	20	2,800	0.73	0.81	7.74	0.96	2,151.05	0.29	0.12	0.02	0.06	0.07	1	
					<b>Daily Emissions<sup>7</sup></b>	<b>1.91</b>	<b>2.11</b>	<b>21.39</b>	<b>11.72</b>	<b>11,742.26</b>	<b>1.82</b>	<b>0.88</b>	<b>0.11</b>	<b>0.16</b>	<b>0.97</b>	<b>3.03</b>	
No. of Days:	301				<i>Total Activity 3, 4, 5 Emissions:</i>	<i>574.35</i>	<i>636.23</i>	<i>6,438.86</i>	<i>3,527.13</i>	<i>3,534,421.08</i>	<i>547.99</i>	<i>263.67</i>	<i>34.30</i>	<i>48.58</i>	<i>291.62</i>	<i>910.56</i>	

Activity 6 - Collector Line Installation																	
Vehicle Type <sup>2,3</sup>	Daily Trips To Site <sup>4</sup>	Daily Trips from Site	No. of Trips (one-way)	Average Miles per Trip (one-way) <sup>5,6</sup>	Daily Vehicle Miles Traveled	ROG lbs	TOG lbs	CO lbs	NO <sub>x</sub> lbs	CO <sub>2</sub> lbs	PM <sub>10</sub> lbs	PM <sub>2.5</sub> lbs	SO <sub>x</sub> lbs	CH <sub>4</sub> lbs	N <sub>2</sub> O lbs	MT of CO <sub>2</sub> e	
Within EKAPCD																	
Vendors (Trucks)	15																
T6 (MHDT)	5	5	10	20	200	0.04	0.04	0.26	0.87	419.94	0.09	0.06	0.00	0.0023	0.05	0	
T7 (HHDT)	10	10	20	20	400	0.04	0.05	0.19	1.81	1,033.13	0.13	0.07	0.01	0.0018	0.16	0	
Employee Commute	75																
Passenger Vehicle (LDA)	54	54	108	20	2,160	0.27	0.30	3.60	0.28	1,277.05	0.22	0.09	0.01	0.03	0.03	1	
Light-duty Truck (LDT2)	21	21	42	20	840	0.22	0.24	2.32	0.29	645.31	0.09	0.04	0.01	0.02	0.02	0	
					<b>Daily Emissions<sup>7</sup></b>	<b>0.57</b>	<b>0.63</b>	<b>6.38</b>	<b>3.25</b>	<b>3,375.44</b>	<b>0.52</b>	<b>0.25</b>	<b>0.03</b>	<b>0.05</b>	<b>0.27</b>	<b>0.90</b>	
No. of Days:	40				<i>Total Activity 6 Emissions:</i>	<i>22.61</i>	<i>25.03</i>	<i>255.03</i>	<i>129.87</i>	<i>135,017.57</i>	<i>20.99</i>	<i>10.03</i>	<i>1.31</i>	<i>1.92</i>	<i>10.74</i>	<i>36.19</i>	

Total On-Road Mobile Emissions from Off-site Travel for Project																	
CUP	Acreeage	Apportionment %				ROG lbs	TOG lbs	CO lbs	NO <sub>x</sub> lbs	CO <sub>2</sub> lbs	PM <sub>10</sub> lbs	PM <sub>2.5</sub> lbs	SO <sub>x</sub> lbs	CH <sub>4</sub> lbs	N <sub>2</sub> O lbs	MT of CO <sub>2</sub> e	
# 1	372.60	13.96%				113.73	125.90	1283.82	649.43	678064.54	105.24	60.21	6.59	9.67	53.84	182.40	
# 2	957.30	35.86%				292.21	323.48	3298.45	1668.54	1742112.68	270.38	129.00	16.92	24.84	138.33	468.63	
# 3	646.00	24.20%				197.19	218.29	2225.84	1125.95	1175603.04	182.45	87.05	11.42	16.76	93.35	316.24	
# 4	442.32	16.57%				135.01	149.46	1524.04	770.95	804942.32	124.93	59.60	7.82	11.48	63.91	216.53	
# 5	251.61	9.42%				76.80	85.02	866.93	438.54	457881.72	71.06	33.90	4.45	6.53	36.36	123.17	
<b>GRAND TOTAL</b>	<b>2,669.83</b>					<b>814.94</b>	<b>902.15</b>	<b>9199.08</b>	<b>4653.41</b>	<b>4858604.29</b>	<b>754.06</b>	<b>359.76</b>	<b>47.20</b>	<b>69.29</b>	<b>385.78</b>	<b>1306.97</b>	
<b>2021 (Activity 1, 2, 3, 4, 5)</b>																	
# 1	372.60	13.96%				34.44	38.09	392.62	175.42	195900.45	30.45	14.33	1.91	2.95	14.61	56.15	
# 2	957.30	35.86%				88.49	97.87	1008.74	450.70	503315.89	78.23	36.83	4.90	7.58	37.54	144.26	
# 3	646.00	24.20%				59.72	66.04	680.72	304.14	339644.91	52.79	24.85	3.30	5.11	25.34	97.35	
# 4	442.32	16.57%				40.89	45.22	466.09	208.25	232556.86	36.15	17.02	2.26	3.50	17.35	66.66	
# 5	251.61	9.42%				23.26	25.72	265.13	118.46	132287.16	20.56	9.68	1.29	1.99	9.87	37.92	
						<b>2021 TOTAL</b>	<b>246.80</b>	<b>272.95</b>	<b>2813.30</b>	<b>1256.97</b>	<b>1403705.28</b>	<b>218.17</b>	<b>102.71</b>	<b>13.66</b>	<b>21.14</b>	<b>104.71</b>	<b>402.34</b>
<b>2022 (Activity 1, 2, 3, 4, 5, 6)</b>																	
# 1	372.60	13.96%				80.18	88.79	901.23	478.89	487,371.34	75.60	36.26	4.73	6.80	39.63	127.68	
# 2	957.30	35.86%				205.99	228.13	2,315.49	1,230.39	1,252,175.47	194.23	93.15	12.16	17.46	101.83	328.04	
# 3	646.00	24.20%				139.01	153.94	1,562.52	830.29	844,986.27	131.07	62.86	8.20	11.78	68.71	221.36	
# 4	442.32	16.57%				95.16	105.41	1,069.87	568.50	578,567.07	89.74	43.04	5.82	8.07	47.05	151.57	
# 5	251.61	9.42%				64.14	59.96	608.58	323.39	329,110.89	51.05	24.49	3.19	4.50	26.76	88.22	
						<b>2022 TOTAL</b>	<b>574.49</b>	<b>636.22</b>	<b>6,457.70</b>	<b>3,431.46</b>	<b>3,492,211.04</b>	<b>541.68</b>	<b>259.80</b>	<b>33.90</b>	<b>48.69</b>	<b>283.98</b>	<b>914.87</b>

Operation per CUP <sup>a</sup>		No. Work days in Year: 244															
Vehicle Type	Trips to Site (Daily)	Trips from Site (Daily)	No. of Daily Trips (one-way)	Average Miles per Trip (one-way) <sup>3,4,5</sup>	Daily Vehicle Miles Traveled	ROG lbs	TOG lbs	CO lbs	NO <sub>x</sub> lbs	CO <sub>2</sub> lbs	PM <sub>10</sub> lbs	PM <sub>2.5</sub> lbs	SO <sub>x</sub> lbs	CH <sub>4</sub> lbs	N <sub>2</sub> O lbs	MT of CO <sub>2</sub> e	
Employee Commute	25	25															
Passenger Vehicle (LDA)	18	18	36	40	1,440	0.10	0.12	2.21	0.17	846.87	0.15	0.06	0.01	0.01	0.02	0	
Light-duty Truck (LDT2)	7	7	14	40	560	0.09	0.10	1.45	0.18	427.85	0.06	0.02	0.00	0.01	0.01	0	
Service Vehicles (LHDT2)	3	3	6	75	450	0.08	0.09	0.53	0.01	569.56	0.12	0.06	0.01	0.00	0.08	0	
Equipment/Material Delivery (T6)	0.3	0.3	1	75	42	0.01	0.01	0.06	0.00	87.56	0.02	0.01	0.00	0.00	0.01	0	
<b>Daily Operational On-road Emissions</b>						<b>0.28</b>	<b>0.32</b>	<b>4.25</b>	<b>0.36</b>	<b>1,931.84</b>	<b>0.34</b>	<b>0.15</b>	<b>0.02</b>	<b>0.03</b>	<b>0.12</b>	<b>0.89</b>	
<b>Annual Operational On-road Emissions</b>						<b>67.19</b>	<b>77.21</b>	<b>1,036.45</b>	<b>88.27</b>	<b>471,370.00</b>	<b>83.16</b>	<b>37.42</b>	<b>4.60</b>	<b>6.24</b>	<b>29.56</b>	<b>217.44</b>	
<b>Operational Emissions by CUP</b>																	
CUP	Acreage	Apportionment %				ROG lbs	TOG lbs	CO lbs	NO <sub>x</sub> lbs	CO <sub>2</sub> lbs	PM <sub>10</sub> lbs	PM <sub>2.5</sub> lbs	SO <sub>x</sub> lbs	CH <sub>4</sub> lbs	N <sub>2</sub> O lbs	MT of CO <sub>2</sub> e	
# 1	372.60	13.96%				9.38	10.77	144.65	12.32	65,784.18	11.61	5.22	0.64	0.87	4.12	30.35	
# 2	957.30	35.86%				24.09	27.68	371.63	31.65	169,015.55	29.82	13.42	1.65	2.24	10.60	77.97	
# 3	646.00	24.20%				16.26	18.68	250.78	21.36	114,054.16	20.12	9.05	1.11	1.51	7.15	52.61	
# 4	442.32	16.57%				11.13	12.79	171.71	14.62	78,093.55	13.78	6.20	0.76	1.03	4.90	36.02	
# 5	251.61	9.42%				6.33	7.28	97.68	8.32	44,422.57	7.84	3.53	0.43	0.59	2.79	20.49	

Note: 1 lb = 453.59 grams; MT = metric tons

1. On-road emissions use mileage to determine running emissions from associated with vendor vehicles coming to the site. Starting and additional emissions for vendor vehicles are not included here, and are included with on-site emissions. Emissions from employee commute vehicles assume only one trip to the site per day occur. On-road emissions for employee commute account for running and start emissions for all pollutants, as well as hotsoak, running losses, diurnal, and resting loss ROG and TOG emissions.
2. It is assumed that 1/3 of the vendor trips are done by T6 trucks (MHDT) and 2/3 by T7 trucks (HHDT); assumption is the same as used in Eland 1 Solar Project.
3. To more accurately represent the type of vehicles used by employees for commuting it is assumed that 72% of the vehicles are light-duty automobiles (LDA) and 28% is light-duty trucks (LDT2). Percentages were derived from the distribution of gasoline powered LDA and LDT2 VMT from EMFAC2017.
4. Trip data source: EPD Solutions, 2019
5. Assumed that vendors are coming from either San Bernardino or Bakersfield, approximately 75 miles from the project site.
6. Assumed that employees are coming from within a 20 mile radius of the project site and that each employee drives themselves (i.e. no carpooling)
7. On-road emissions are based on vendor trucks being primarily diesel powered and employee commute vehicles primarily gasoline powered. Emission factors are weighted based on the type of fuel used per vehicle class indicated in EMFAC2017 by sub-area.
8. Operational trip information was not available therefore assumptions were made assuming that daily operations would be similar to the Eland Solar project and that each of the 5 CUPs would have 5 full-time employees and have the same operational emissions.

With Recommendation AQ-3

## Aratina Solar Project - 600 MW

Fugitive Dust Emissions on Paved Roads in Kern County <sup>1</sup>

Activity 1 - Site Preparation						Number of Days	
						86	
Vehicle Type	Daily Vehicle Miles Traveled	Total Vehicle Miles Traveled	PM <sub>10</sub> lbs/mile factor	PM <sub>2.5</sub> lbs/mile factor	PM <sub>10</sub> lbs	PM <sub>2.5</sub> lbs	
Vendors (Trucks)							
T6 (MHDT)	320	27,520	0.004	0.0006	119.08	17.86	
T7 (HHDT)	680	58,480	0.004	0.0006	253.05	37.96	
Employee Commute							
Passenger Vehicle (LDA)	2,880	247,680	0.004	0.0006	1,071.73	160.76	
Light-duty Truck (LDT2)	1,120	96,320	0.004	0.0006	416.78	62.52	
<b>Total Pounds Per Day</b>					<b>21.64</b>	<b>3.25</b>	
<b>Total</b>	<b>5,000</b>				<b>1,860.63</b>	<b>279.10</b>	

Activity 2 - Grading and Earthwork						Number of Days	
						86	
Vehicle Type	Daily Vehicle Miles Traveled	Total Vehicle Miles Traveled	PM <sub>10</sub> lbs/mile factor	PM <sub>2.5</sub> lbs/mile factor	PM <sub>10</sub> lbs	PM <sub>2.5</sub> lbs	
Vendors (Trucks)							
T6 (MHDT)	320	27,520	0.004	0.0006	119.08	17.86	
T7 (HHDT)	680	58,480	0.004	0.0006	253.05	37.96	
Employee Commute							
Passenger Vehicle (LDA)	7,200	619,200	0.004	0.0006	2,679.31	401.90	
Light-duty Truck (LDT2)	2,800	240,800	0.004	0.0006	1,041.96	156.29	
<b>Total Pounds Per Day</b>					<b>47.60</b>	<b>7.14</b>	
<b>Total</b>	<b>10,000</b>				<b>4,093.40</b>	<b>614.01</b>	

Activity 3, 4, 5 - Concrete Foundations, Structural Steel Work and Electrical/Instrumentation Work						Number of Days	
						301	
Vehicle Type	Daily Vehicle Miles Traveled	Total Vehicle Miles Traveled	PM <sub>10</sub> lbs/mile factor	PM <sub>2.5</sub> lbs/mile factor	PM <sub>10</sub> lbs	PM <sub>2.5</sub> lbs	
Vendors (Trucks)							
T6 (MHDT)	720	216,720	0.004	0.0006	937.76	140.66	
T7 (HHDT)	1,480	445,480	0.004	0.0006	1,927.62	289.14	
Employee Commute							
Passenger Vehicle (LDA)	7,200	2,167,200	0.004	0.0006	9,377.60	1,406.64	
Light-duty Truck (LDT2)	2,800	842,800	0.004	0.0006	3,646.84	547.03	
<b>Total Pounds Per Day</b>					<b>52.79</b>	<b>7.92</b>	
<b>Total</b>	<b>10,000</b>				<b>15,889.82</b>	<b>2,383.47</b>	

Activity 6 - Collector Line Installation						Number of Days	
						40	
Vehicle Type	Daily Vehicle Miles Traveled	Total Vehicle Miles Traveled	PM <sub>10</sub> lbs/mile factor	PM <sub>2.5</sub> lbs/mile factor	PM <sub>10</sub> lbs	PM <sub>2.5</sub> lbs	
Vendors (Trucks)							
T6 (MHDT)	200	8,000	0.004	0.0006	34.62	5.19	
T7 (HHDT)	400	16,000	0.004	0.0006	69.23	10.38	
Employee Commute							
Passenger Vehicle (LDA)	2,160	86,400	0.004	0.0006	373.86	56.08	
Light-duty Truck (LDT2)	840	33,600	0.004	0.0006	145.39	21.81	
<b>Total Pounds Per Day</b>					<b>15.58</b>	<b>2.34</b>	
<b>Total</b>	<b>3,000</b>				<b>623.10</b>	<b>93.46</b>	

Total Paved Road Dust Emissions from Off-site Travel for Project	Apportionment %				PM <sub>10</sub> lbs	PM <sub>2.5</sub> lbs
CUP #1	13.96%				3135.476986	470.3215479
CUP #2	35.86%				8055.802788	1208.370418
CUP #3	24.20%				5436.173197	815.4259795
CUP #4	16.57%				3722.179765	558.3269648
CUP #5	9.42%				2117.317019	317.5975529
<b>TOTAL</b>					<b>22,466.95</b>	<b>3,370.04</b>
<b>2021 (Activity 1, 2, 3, 4, 5)</b>						
CUP #1	13.96%				944.83	141.73
CUP #2	35.86%				2427.51	364.13
CUP #3	24.20%				1638.12	245.72
CUP #4	16.57%				1121.63	168.24
CUP #5	9.42%				638.03	95.70
<b>2021 TOTAL</b>					<b>6770.11</b>	<b>1015.52</b>
<b>2022 (Activity 1, 2, 3, 4, 5, 6)</b>						
CUP #1	13.96%				2,215.04	332.26
CUP #2	35.86%				5,690.98	853.65
CUP #3	24.20%				3,840.35	576.05
CUP #4	16.57%				2,629.51	394.43
CUP #5	9.42%				1,495.77	224.36
<b>2022 TOTAL</b>					<b>15,871.65</b>	<b>2,380.75</b>

Operational Phase Fugitive Dust Emissions on Paved Roads					Number of Days: 244	
Vehicle Type	Daily Vehicle Miles Traveled	Total Vehicle Miles Traveled	PM <sub>10</sub> lbs/mile factor	PM <sub>2.5</sub> lbs/mile factor	PM <sub>10</sub> lbs	PM <sub>2.5</sub> lbs
Employee Commute						
Passenger Vehicle (LDA)	1,440	351360	0.004	0.0006	1,520.36	228.05
Light-duty Truck (LDT2)	560	136640	0.004	0.0006	591.25	88.69
Service Vehicles (LHDT2)	450	109800	0.004	0.0006	475.11	71.27
Equipment/Material Delivery (T6)	42	10174.8	0.004	0.0006	44.03	6.60
<b>Total Pounds Per Day</b>					<b>10.78</b>	<b>1.62</b>
<b>Annual Pounds</b>					<b>2630.74</b>	<b>394.61</b>
Operational Emissions by CUP						
CUP	Apportionment				PM <sub>10</sub> lbs	PM <sub>2.5</sub> lbs
	Acreage	%				
# 1	372.60	13.96%			367.1451395	55.07177093
# 2	957.30	35.86%			943.2851371	141.4927706
# 3	646.00	24.20%			636.5425661	95.48138492
# 4	442.32	16.57%			435.8444394	65.37666591
# 5	251.61	9.42%			247.9248471	37.18872707

Notes:

1. Emission factor calculation presented in "Emission Factors" tab



## Aratina Solar Project - 600 MW

## 2021 Construction Criteria Emissions by CUP

Emission Type	Source	Emissions (tons per phase)						With Water Control		With Palliative Control	
		ROG	NO <sub>x</sub>	SO <sub>x</sub>	CO	PM <sub>10</sub>	PM <sub>2.5</sub>	PM <sub>10</sub> (tons)	PM <sub>2.5</sub> (tons)	PM <sub>10</sub> (tons)	PM <sub>2.5</sub> (tons)
<b>CUP #1</b>											
Exhaust	Off Road Construction Equipment	0.1	0.5	0.001	0.5	0.0	0.0	0.0	0.0	0.0	0.0
	On-Road Vehicles	0.0	0.1	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0
Fugitive Dust	Off Road Construction Activity	-	-	-	-	0.3	0.0	0.2	0.0	0.1	0.0
	On-Road Vehicles (resuspended)	-	-	-	-	0.5	0.1	0.5	0.1	0.1	0.1
<b>Subtotal</b>		<b>0.1</b>	<b>0.6</b>	<b>0.0</b>	<b>0.7</b>	<b>0.9</b>	<b>0.1</b>	<b>0.7</b>	<b>0.1</b>	<b>0.2</b>	<b>0.1</b>
<b>CUP #2</b>											
Exhaust	Off Road Construction Equipment	0.1	1.4	0.003	1.3	0.1	0.1	0.1	0.1	0.1	0.1
	On-Road Vehicles	0.0	0.2	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0
Fugitive Dust	Off Road Construction Activity	-	-	-	-	0.8	0.1	0.5	0.1	0.3	0.0
	On-Road Vehicles (resuspended)	-	-	-	-	1.3	0.2	1.3	0.2	0.2	0.2
<b>Subtotal</b>		<b>0.2</b>	<b>1.6</b>	<b>0.0</b>	<b>1.8</b>	<b>2.2</b>	<b>0.4</b>	<b>1.9</b>	<b>0.3</b>	<b>0.6</b>	<b>0.3</b>
<b>CUP #3</b>											
Exhaust	Off Road Construction Equipment	0.1	0.9	0.00	0.9	0.0	0.0	0.0	0.0	0.0	0.0
	On-Road Vehicles	0.0	0.2	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0
Fugitive Dust	Off Road Construction Activity	-	-	-	-	0.5	0.1	0.3	0.0	0.2	0.0
	On-Road Vehicles (resuspended)	-	-	-	-	0.9	0.1	0.8	0.1	0.1	0.1
<b>Subtotal</b>		<b>0.1</b>	<b>1.1</b>	<b>0.0</b>	<b>1.2</b>	<b>1.5</b>	<b>0.2</b>	<b>1.3</b>	<b>0.2</b>	<b>0.4</b>	<b>0.2</b>
<b>CUP #4</b>											
Exhaust	Off Road Construction Equipment	0.1	0.6	0.00	0.6	0.0	0.0	0.0	0.0	0.0	0.0
	On-Road Vehicles	0.0	0.1	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0
Fugitive Dust	Off Road Construction Activity	-	-	-	-	0.4	0.0	0.2	0.0	0.1	0.0
	On-Road Vehicles (resuspended)	-	-	-	-	0.6	0.1	0.6	0.1	0.1	0.1
<b>Subtotal</b>		<b>0.1</b>	<b>0.8</b>	<b>0.0</b>	<b>0.8</b>	<b>1.0</b>	<b>0.2</b>	<b>0.9</b>	<b>0.1</b>	<b>0.3</b>	<b>0.1</b>
<b>CUP #5</b>											
Exhaust	Off Road Construction Equipment	0.0	0.4	0.00	0.3	0.0	0.0	0.0	0.0	0.0	0.0
	On-Road Vehicles	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
Fugitive Dust	Off Road Construction Activity	-	-	-	-	0.2	0.0	0.1	0.0	0.1	0.0
	On-Road Vehicles (resuspended)	-	-	-	-	0.3	0.1	0.3	0.0	0.1	0.0
<b>Subtotal</b>		<b>0.0</b>	<b>0.4</b>	<b>0.0</b>	<b>0.5</b>	<b>0.6</b>	<b>0.1</b>	<b>0.5</b>	<b>0.1</b>	<b>0.2</b>	<b>0.1</b>
<b>Construction Emissions Total for 2021</b>		<b>0.5</b>	<b>4.5</b>	<b>0.0</b>	<b>5.0</b>	<b>6.2</b>	<b>1.0</b>	<b>5.2</b>	<b>0.9</b>	<b>1.6</b>	<b>0.8</b>
<b>EKAPCD Tons/Yr Threshold</b>		<b>25</b>	<b>25</b>	<b>27</b>	<b>N/A</b>	<b>15</b>	<b>N/A</b>	<b>15</b>	<b>N/A</b>	<b>15</b>	<b>N/A</b>
<b>Exceed Threshold?</b>		<b>No</b>	<b>No</b>	<b>No</b>	<b>N/A</b>	<b>No</b>	<b>N/A</b>	<b>No</b>	<b>N/A</b>	<b>No</b>	<b>N/A</b>

# With Recommendation AQ-3

## 2022 Construction Criteria Emissions by CUP

Emission Type	Source	Emissions (tons per phase)						With Water Control		With Palliative Control	
		ROG	NO <sub>x</sub>	SO <sub>x</sub>	CO	PM <sub>10</sub>	PM <sub>2.5</sub>	PM <sub>10</sub> (tons)	PM <sub>2.5</sub> (tons)	PM <sub>10</sub> (tons)	PM <sub>2.5</sub> (tons)
<b>CUP #1</b>											
Exhaust	Off Road Construction Equipment	0.3	2.8	0.005	2.6	0.1	0.1	0.1	0.1	0.1	0.1
	On-Road Vehicles	0.0	0.2	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0
Fugitive Dust	Off Road Construction Activity	-	-	-	-	1.0	0.1	0.7	0.1	0.3	0.0
	On-Road Vehicles (resuspended)	-	-	-	-	1.2	0.2	1.2	0.2	1.1	0.2
<b>Subtotal</b>		<b>0.4</b>	<b>3.0</b>	<b>0.0</b>	<b>3.1</b>	<b>2.4</b>	<b>0.4</b>	<b>2.0</b>	<b>0.4</b>	<b>1.6</b>	<b>0.3</b>
<b>CUP #2</b>											
Exhaust	Off Road Construction Equipment	0.8	7.1	0.014	6.8	0.3	0.3	0.3	0.3	0.3	0.3
	On-Road Vehicles	0.1	0.6	0.0	1.2	0.1	0.0	0.1	0.0	0.1	0.0
Fugitive Dust	Off Road Construction Activity	-	-	-	-	2.5	0.3	1.8	0.2	0.7	0.1
	On-Road Vehicles (resuspended)	-	-	-	-	3.1	0.5	3.0	0.4	2.9	0.0
<b>Subtotal</b>		<b>0.9</b>	<b>7.7</b>	<b>0.0</b>	<b>8.0</b>	<b>6.1</b>	<b>1.1</b>	<b>5.2</b>	<b>1.0</b>	<b>4.0</b>	<b>0.4</b>
<b>CUP #3</b>											
Exhaust	Off Road Construction Equipment	0.6	4.8	0.009	4.6	0.2	0.2	0.2	0.2	0.2	0.2
	On-Road Vehicles	0.1	0.4	0.0	0.8	0.1	0.0	0.1	0.0	0.1	0.0
Fugitive Dust	Off Road Construction Activity	-	-	-	-	1.7	0.2	1.2	0.1	0.5	0.0
	On-Road Vehicles (resuspended)	-	-	-	-	2.1	0.3	2.0	0.3	2.0	0.3
<b>Subtotal</b>		<b>0.6</b>	<b>5.2</b>	<b>0.0</b>	<b>5.4</b>	<b>4.1</b>	<b>0.7</b>	<b>3.5</b>	<b>0.6</b>	<b>2.7</b>	<b>0.6</b>
<b>CUP #4</b>											
Exhaust	Off Road Construction Equipment	0.4	3.3	0.006	3.1	0.1	0.1	0.1	0.1	0.1	0.1
	On-Road Vehicles	0.0	0.3	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0
Fugitive Dust	Off Road Construction Activity	-	-	-	-	1.2	0.1	0.8	0.1	0.3	0.0
	On-Road Vehicles (resuspended)	-	-	-	-	1.4	0.2	1.4	0.2	1.3	0.2
<b>Subtotal</b>		<b>0.4</b>	<b>3.6</b>	<b>0.0</b>	<b>3.7</b>	<b>2.8</b>	<b>0.5</b>	<b>2.4</b>	<b>0.4</b>	<b>1.8</b>	<b>0.4</b>
<b>CUP #5</b>											
Exhaust	Off Road Construction Equipment	0.2	1.9	0.004	1.8	0.1	0.1	0.1	0.1	0.1	0.1
	On-Road Vehicles	0.0	0.2	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0
Fugitive Dust	Off Road Construction Activity	-	-	-	-	0.7	0.1	0.5	0.0	0.2	0.0
	On-Road Vehicles (resuspended)	-	-	-	-	0.8	0.1	0.8	0.1	0.8	0.1
<b>Subtotal</b>		<b>0.2</b>	<b>2.0</b>	<b>0.0</b>	<b>2.1</b>	<b>1.6</b>	<b>0.3</b>	<b>1.4</b>	<b>0.3</b>	<b>1.1</b>	<b>0.2</b>
<b>Construction Emissions Total for 2022</b>		<b>2.6</b>	<b>21.6</b>	<b>0.1</b>	<b>22.2</b>	<b>16.9</b>	<b>2.9</b>	<b>14.4</b>	<b>2.7</b>	<b>11.1</b>	<b>1.9</b>
<b>EKAPCD Tons/Yr Threshold</b>		<b>25</b>	<b>25</b>	<b>27</b>	<b>N/A</b>	<b>15</b>	<b>N/A</b>	<b>15</b>	<b>15</b>	<b>15</b>	<b>15</b>
<b>Exceed Threshold?</b>		No	No	No	No	Yes	No	No	No	No	No

# Appendix HRA

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Health Risk Assessment Data

# Toxic Air Contaminant Health Risk Analysis

## Carcinogenic

### Cancer Health Risk

$$\text{Dose [air]} = \text{Concentration [air]} * \text{DBR} * \text{Absorption} * \text{EF} * 10^{-6}$$

$$\text{Risk} = \text{Dose} * \text{Cancer Potency} * \text{ASF} * \text{FAH} * (\text{ED}/\text{AT})$$

Where:

- DBR = Daily Breathing Rate normalized to body weight for age class (L/kg BW-day)
- A = Absorption - assumed to be 1.0 (100%)
- EF = Exposure Frequency = days present/365 days  
Usually 0.96 (350/365 to account for 2 week vacation)
- ASF = Age Sensitivity Factor
- FAH = Fraction of Time at Home
- ED = Exposure duration in years  
Construction Duration: 15 months
- AT = Averaging time (always 70 yrs)  
Construction & Deconstruction: 30 months

## NonCarcinogenic

### Risk Equation

$$\text{Hazard Quotient} = \frac{\text{Concentration}}{\text{Chronic Inhalation Reference Exposure Level}}$$

$$\text{Hazard Index} = \text{Sum of all Hazard Quotients (HQs)}$$

	Age Bin						Note: 95 percentile
	3rd trimester	0<2 yrs	2<9 yrs	2<16 yrs	16<30 yrs	16-70 yrs	
DBR =	361	1090	861	745	335	290	
A =	1.0	1.0	1.0	1.0	1.0	1.0	
EF =	1	1	1	1	1	1	
ASF =	10	10	3	3	1	1	
FAH =	1	1	1	1	1	1	
ED =	0.25	1.25	1.25	1.25	1.25	1.25	Construction Only
ED =	0.25	1.25	1.25	1.25	1.25	2.50	Construction and Deconstruction
AT =	70	70	70	70	70	70	
Cancer Risk Factor:	1.29E-05	1.95E-04	4.61E-05	3.99E-05	5.98E-06	5.18E-06	Construction Only
Cancer Risk Factor:	1.29E-05	1.95E-04	4.61E-05	3.99E-05	5.98E-06	1.04E-05	Construction and Deconstruction

Methodology California EPA, Office of Environmental Health Hazard Assessment (February 2015). Air Toxics Hot Spots Program Risk Assessment Guidelines - The Air Toxics Hot Spots Program Guidance Manual for Source: Preparation of Health Risk Assessments.

## Risk Calculation For Residents

TAC: Diesel Engine Exhaust Particulate Matter

Cancer Potency, Inhl (mg/kg-day)<sup>-1</sup> 1.10E+00 Cancer Slope Factor per OEHHA Appendix A: Hot Spots Unit Risk and Cancer Potency Values; [http://oehha.ca.gov/air/hot\\_spots/tsd052909.html](http://oehha.ca.gov/air/hot_spots/tsd052909.html)  
Chronic Inhalation REL, ug/cu m 5.0E+00 Chronic Inhalation REL as of June 2014; <http://www.oehha.ca.gov/air/Allrels.html>

### Construction Only (15 months of exposure out of 70 years)

CUP	RECEPTOR ID	GRP	UTM		Concentration <sup>1</sup> , ug/cu m	Carcinogenic Risk By Age Group <sup>2</sup>						Summed Carcinogenic Risk <sup>3</sup>	Chronic Risk HQ	Receptor
			east	north		3rd trimester	0<2 yrs	2<9 yrs	2<16 yrs	16<30 yrs	16-70 yrs			
CUP # 1	1956	PROPERTY	441274	3871844	2.06E-02	2.93E-07	4.42E-06	1.05E-06	9.06E-07	1.36E-07	1.17E-07	4.71E-06	4.13E-03	PMI
CUP # 1	1924	SENSITIV	440288	3872787	7.92E-03	1.12E-07	1.70E-06	4.02E-07	3.48E-07	5.21E-08	4.51E-08	1.81E-06	1.58E-03	MEIR
CUP # 2	2415	PROPERTY	439404	3873117	2.26E-02	3.20E-07	4.83E-06	1.14E-06	9.90E-07	1.48E-07	1.28E-07	5.15E-06	4.51E-03	PMI
CUP # 2	2364	SENSITIV	439914	3872794	1.66E-02	2.35E-07	3.55E-06	8.42E-07	7.29E-07	1.09E-07	9.45E-08	3.79E-06	3.32E-03	MEIR
CUP # 3	1451	PROPERTY	436549	3873222	2.48E-02	3.52E-07	5.31E-06	1.26E-06	1.09E-06	1.63E-07	1.41E-07	5.66E-06	4.96E-03	PMI
CUP # 3	1404	SENSITIV	436263	3873356	8.68E-03	1.23E-07	1.86E-06	4.40E-07	3.81E-07	5.71E-08	4.94E-08	1.98E-06	1.74E-03	MEIR
CUP # 4	1425	PROPERTY	434404	3873773	2.15E-02	3.05E-07	4.61E-06	1.09E-06	9.45E-07	1.42E-07	1.23E-07	4.91E-06	4.30E-03	PMI
CUP # 4	1194	CARTGRID	435900	3873707	7.10E-03	1.01E-07	1.52E-06	3.60E-07	3.12E-07	4.67E-08	4.05E-08	1.62E-06	1.42E-03	MEIR
CUP # 5	1451	PROPERTY	433718	3874826	2.17E-02	3.08E-07	4.66E-06	1.10E-06	9.55E-07	1.43E-07	1.24E-07	4.96E-06	4.35E-03	PMI
CUP # 5	1406	SENSITIV	435899	3873948	2.87E-04	4.07E-09	6.15E-08	1.46E-08	1.26E-08	1.89E-09	1.64E-09	6.56E-08	5.74E-05	MEIR
Combined CUPs	996	CARTGRID	436500	3873207	3.06E-02	4.33E-07	6.54E-06	1.55E-06	1.34E-06	2.01E-07	1.74E-07	6.98E-06	6.11E-03	PMI
Combined CUPs	2364	SENSITIV	439914	3872794	2.13E-02	3.03E-07	4.57E-06	1.08E-06	9.37E-07	1.40E-07	1.22E-07	4.87E-06	4.27E-03	MEIR

**Construction and Deconstruction (30 months of exposure out of 70 years)**

CUP	RECEPTOR ID	GRP	UTM		Concentration <sup>1</sup> , ug/cu m	Carcinogenic Risk By Age Group <sup>2</sup>						Summed Carcinogenic Risk <sup>4</sup>	Chronic Risk HQ	Receptor
			east	north		3rd trimester	0<2 yrs	2<9 yrs	2<16 yrs	16<30 yrs	16-70 yrs			
CUP # 1	1924	SENSITIV	440288	3872787	7.92E-03	1.12E-07	1.70E-06	4.02E-07	3.48E-07	5.21E-08	9.03E-08	2.03E-07	1.58E-03	MEIR
CUP # 2	2364	SENSITIV	439914	3872794	1.66E-02	2.35E-07	3.55E-06	8.42E-07	7.29E-07	1.09E-07	1.89E-07	4.24E-07	3.32E-03	MEIR
CUP # 3	1404	SENSITIV	436263	3873356	8.68E-03	1.23E-07	1.86E-06	4.40E-07	3.81E-07	5.71E-08	9.88E-08	2.22E-07	1.74E-03	MEIR
CUP # 4	1194	CARTGRID	435900	3873707	7.10E-03	1.01E-07	1.52E-06	3.60E-07	3.12E-07	4.67E-08	8.09E-08	1.82E-07	1.42E-03	MEIR
CUP # 5	1406	SENSITIV	435899	3873948	2.87E-04	4.07E-09	6.15E-08	1.46E-08	1.26E-08	1.89E-09	3.27E-09	7.35E-09	5.74E-05	MEIR
<i>Combined CUPs</i>	<i>2364</i>	<i>SENSITIV</i>	<i>439914</i>	<i>3872794</i>	<i>2.13E-02</i>	<i>3.03E-07</i>	<i>4.57E-06</i>	<i>1.08E-06</i>	<i>9.37E-07</i>	<i>1.40E-07</i>	<i>2.43E-07</i>	<i>5.46E-07</i>	<i>4.27E-03</i>	<i>MEIR</i>

- Notes:
- 1) Ground level concentration obtained from GLC period files generated by HARP 2.
  - 2) Carcinogenic risk by age bin accounts for exposure duration adjusted to the duration of project construction and construction + decommissioning.
  - 3) Summed carcinogenic risk represents the maximum risk that would be anticipated given the exposure duration. Because younger age bins are more sensitive the summed risk for construction includes risk at the 3rd trimester and 0 to 2 years while the summed risk for construction and decommissioning includes risk as the 3rd trimester, 0 to 2 years, and a fraction of 2 to 9 years of age (i.e. total exposure duration [2.5 years] - 0.25 years at the third trimester - exposure from 0 to 2 years [2 years] = 0.25 years of exposure during the 2 to 9 years of age).
  - 4) Health risks associated with Construction and Deconstruction emissions assume that one could be exposed to emissions during 15 months of construction and emissions from 15 months of deconstruction 30 years later. Only individuals in the 16-70 age bin could be exposed to 15 months of emissions from both construction and decommissioning activities for a total exposure of 30 months. Total summed risk from construction and deconstruction included exposure at the third trimester and 30 months during the 16 to 70 years age bin.

# Appendix TR

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Traffic Analysis Data

Table 1 - Arantina Solar Project Construction Trip Generation

	Number of Workers/Trucks	PCE	Vehicle Trips			PCE Trips		
			Daily	AM Peak Hour <sup>2</sup>	PM Peak Hour <sup>2</sup>	Daily	AM Peak Hour <sup>2</sup>	PM Peak Hour <sup>2</sup>
<b>Activity 1 - Site Preparation</b>								
Workers <sup>1</sup>	100	1.0	200	20	20	200	20	20
Heavy Vehicles	25	2.0	50	5	5	100	10	10
<b>Activity 1 Total</b>			<b>250</b>	<b>25</b>	<b>25</b>	<b>300</b>	<b>30</b>	<b>30</b>
<b>Activity 2 - Grading and Earthwork</b>								
Workers <sup>1</sup>	400	1.0	800	80	80	800	80	80
Heavy Vehicles	25	2.0	50	5	5	100	10	10
<b>Activity 2 Total</b>			<b>850</b>	<b>85</b>	<b>85</b>	<b>900</b>	<b>90</b>	<b>90</b>
<b>Activities 3, 4, and 5 - Concrete Foundations, Structural Steel Work and Electrical/Instrumentation Work</b>								
Workers <sup>1</sup>	1000	1.0	2000	200	200	2000	200	200
Heavy Vehicles	55	2.0	110	11	11	220	22	22
<b>Activities 3, 4, and 5 Total</b>			<b>2110</b>	<b>211</b>	<b>211</b>	<b>2220</b>	<b>222</b>	<b>222</b>
<b>Activity 6 - Collector Line Installation</b>								
Workers <sup>1</sup>	75	1.0	150	15	15	150	15	15
Heavy Vehicles	15	2.0	30	3	3	60	6	6
<b>Activity 6 Total</b>			<b>180</b>	<b>18</b>	<b>18</b>	<b>210</b>	<b>21</b>	<b>21</b>

PCE = Passenger Car Equivalent

<sup>1</sup> Assumes that all workers would drive separately to the site. Carpooling could reduce trip generation estimate.

<sup>2</sup> Most workers would arrive before 7:00 AM and depart prior to 4:00 PM. Assumption that 20% of workers would arrive or depart and 10% of truck trips would arrive and depart during the peak hours (7-9 AM and 4-6 PM).

### Daily Street Segment Volumes for Existing and Existing Plus Project

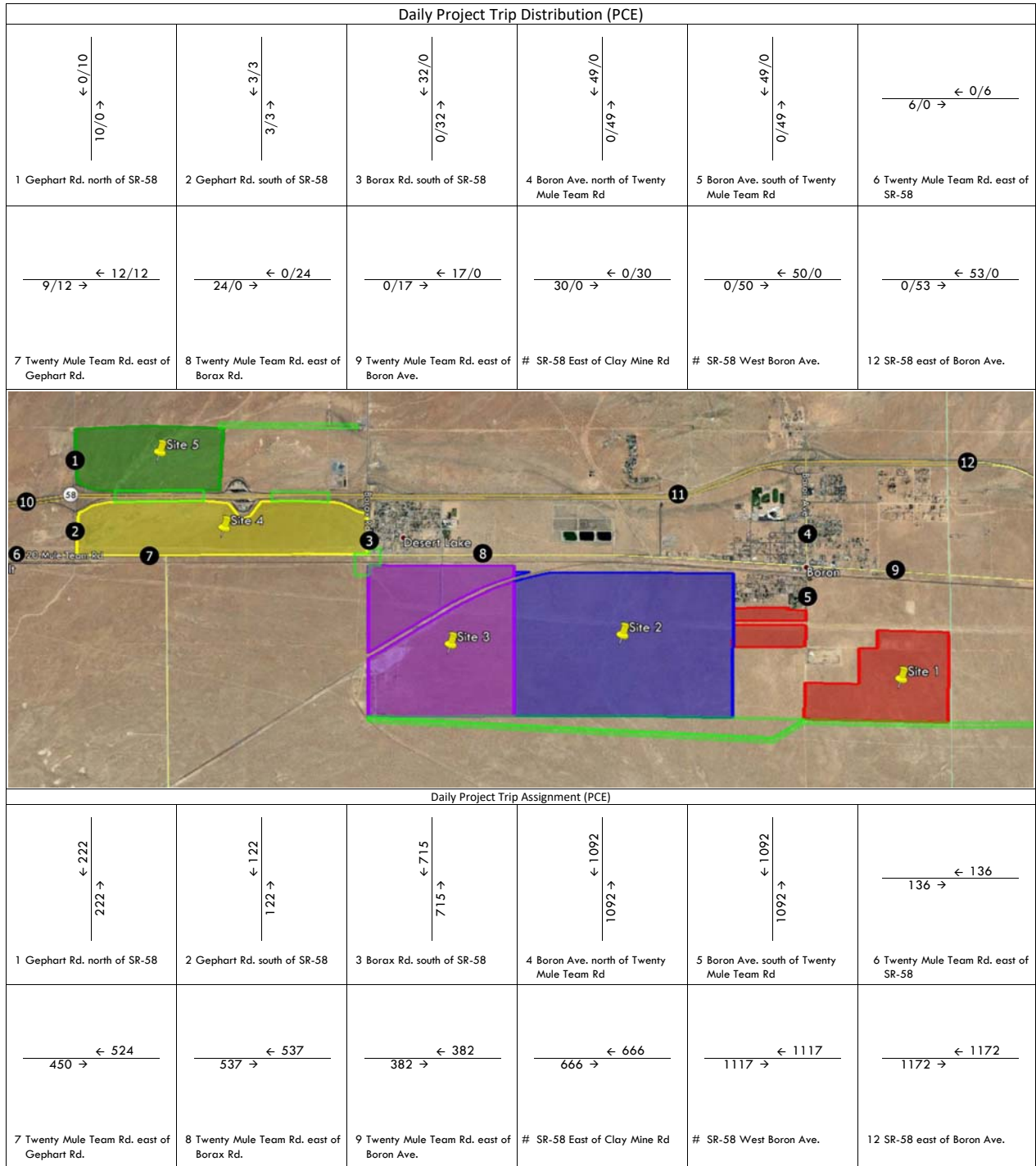
Lane Segment #	Lane Segment Name	Existing Volumes	Existing Plus Project Volumes
1	Gephart Rd. north of SR-58	202	646
2	Gephart Rd. south of SR-58	202	446
3	Borax Rd. south of SR-58	592	2022
4	Boron Ave. north of Twenty Mule Team Rd	1240	3424
5	Boron Ave. south of Twenty Mule Team Rd	606	2790
6	Twenty Mule Team Rd. east of SR-58	633	905
7	Twenty Mule Team Rd. east of Gephart Rd.	633	1607
8	Twenty Mule Team Rd. east of Borax Rd.	1815	2889
9	Twenty Mule Team Rd. east of Boron Ave.	1228	1992
10	SR-58 East of Clay Mine Rd	16300	17632
11	SR-58 West Boron Ave.	15350	17584
12	SR-58 east of Boron Ave.	15400	17744

1-9 Source: Kern Council of Governments <https://kerncog.ms2soft.com/tcds/tsearch.asp?loc=Kerncog&mod=>

10-12 Source: Caltrans 2017 Traffic Volumes <http://dot.ca.gov/trafficops/census/volumes2017/>



**Figure 1: Project Trip Distribution and Assignment**



xx/yy = Inbound/Outbound Daily Traffic Volumes  
 ① = Project Study Area Roadway Segment  
 PCE = Passenger Car Equivalent

# Appendix Model

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AERMOD Output Files

GLC Files

# *AERMOD Output*

---

Project Site 1

\*\*AERMOD INPUT FILE CREATED BY HARP VERSION 19121

\*\*DATE CREATED: 8/12/2020 10:55:56 AM

\*\*

CO STARTING

TITLEONE

TITLETWO

MODELOPT DFAULT CONC

AVERTIME 1 PERIOD

POLLUTID OTHER

RUNORNOT RUN

FLAGPOLE 1.2

ERRORFIL "C:\Users\elinard\Desktop\8MINUTE\_CUP1\8MINUTE\_CUP1\_AERMOD.ERR"

CO FINISHED

\*\*

\*\*SOURCES

SO STARTING

\*\*SOURCES LOCATIONS

LOCATION 1001a AREAPOLY 442261 3871403 775

LOCATION 1001b AREAPOLY 440693 3872567 757

LOCATION 1001c AREAPOLY 440686 3872275 761

\*\*SOURCES PARAMETERS

SRCPARAM 1001a 8.13977955035044E-07 3.1 9

SRCPARAM 1001b 8.63155350700019E-06 3.1 8

SRCPARAM 1001c 4.96880830585996E-06 3.1 5

AREAVERT 1001a 442261 3871403 442284 3872428 441488 3872454 441482 3872248 441284  
3872255 441274 3871844 440676 3871862 440667 3871450 442261 3871403

AREAVERT 1001b 440693 3872567 440696 3872690 440495 3872694 440497 3872723 439888  
3872719 439885 3872574 440693 3872567 440693 3872567

AREAVERT 1001c 440686 3872275 440692 3872520 439884 3872532 439881 3872278 440686  
3872275

\*\*M-F

EMISFACT 1001a HRDOW 0 0 0 0 0 0

EMISFACT 1001a HRDOW 6.545455 6.545455 6.545455 6.545455 6.545455 6.545455

EMISFACT 1001a HRDOW 6.545455 6.545455 6.545455 6.545455 6.545455 0

EMISFACT 1001a HRDOW 0 0 0 0 0 0

\*\*Saturday

EMISFACT 1001a HRDOW 0 0 0 0 0 0

EMISFACT 1001a HRDOW 0 0 0 0 0 0

EMISFACT 1001a HRDOW 0 0 0 0 0 0

EMISFACT 1001a HRDOW 0 0 0 0 0 0

\*\*Sunday

EMISFACT 1001a HRDOW 0 0 0 0 0 0

EMISFACT 1001a HRDOW 0 0 0 0 0 0

EMISFACT 1001a HRDOW 0 0 0 0 0 0

EMISFACT 1001a HRDOW 0 0 0 0 0 0

\*\*M-F

EMISFACT 1001b HRDOW 0 0 0 0 0 0

EMISFACT 1001b HRDOW 6.545455 6.545455 6.545455 6.545455 6.545455 6.545455

EMISFACT 1001b HRDOW 6.545455 6.545455 6.545455 6.545455 6.545455 0

EMISFACT 1001b HRDOW 0 0 0 0 0 0

\*\*Saturday

EMISFACT 1001b HRDOW 0 0 0 0 0 0  
EMISFACT 1001b HRDOW 0 0 0 0 0 0  
EMISFACT 1001b HRDOW 0 0 0 0 0 0  
EMISFACT 1001b HRDOW 0 0 0 0 0 0

\*\*Sunday

EMISFACT 1001b HRDOW 0 0 0 0 0 0  
EMISFACT 1001b HRDOW 0 0 0 0 0 0  
EMISFACT 1001b HRDOW 0 0 0 0 0 0  
EMISFACT 1001b HRDOW 0 0 0 0 0 0

\*\*M-F

EMISFACT 1001c HRDOW 0 0 0 0 0 0  
EMISFACT 1001c HRDOW 6.545455 6.545455 6.545455 6.545455 6.545455 6.545455  
EMISFACT 1001c HRDOW 6.545455 6.545455 6.545455 6.545455 6.545455 0  
EMISFACT 1001c HRDOW 0 0 0 0 0 0

\*\*Saturday

EMISFACT 1001c HRDOW 0 0 0 0 0 0  
EMISFACT 1001c HRDOW 0 0 0 0 0 0  
EMISFACT 1001c HRDOW 0 0 0 0 0 0  
EMISFACT 1001c HRDOW 0 0 0 0 0 0

\*\*Sunday

EMISFACT 1001c HRDOW 0 0 0 0 0 0  
EMISFACT 1001c HRDOW 0 0 0 0 0 0  
EMISFACT 1001c HRDOW 0 0 0 0 0 0  
EMISFACT 1001c HRDOW 0 0 0 0 0 0  
SRCGROUP 1001a 1001a  
SRCGROUP 1001b 1001b  
SRCGROUP 1001c 1001c

SO FINISHED

\*\*

\*\*RECEPTORS

RE STARTING

INCLUDED "C:\Users\elinard\Desktop\8MINUTE\_CUP1\8MINUTE\_CUP1\_AERMAP.REC"

RE FINISHED

\*\*

\*\*MET PATHWAY

ME STARTING

ME SURFFILE "C:\Users\elinard\Desktop\8MINUTE\_CUP1\MET\723171.SFC"

ME PROFFILE "C:\Users\elinard\Desktop\8MINUTE\_CUP1\MET\723171.PFL"

ME SURFDATA 53144 2009

ME UAIRDATA 3190 2009

ME SITEDATA 0 2009

ME PROFBASE 694.3

ME FINISHED

\*\*

\*\*OUTPUT PATHWAY

OU STARTING

RECTABLE ALLAVE 1ST

RECTABLE 1 1ST

PLOTFILE 1 1001a 1ST "C:\Users\elinard\Desktop\8MINUTE\_CUP1\plt\MAX1HR1001a.PLT"

31 PLOTFILE 1 1001b 1ST "C:\Users\elinard\Desktop\8MINUTE\_CUP1\plt\MAX1HR1001b.PLT"  
32 PLOTFILE 1 1001c 1ST "C:\Users\elinard\Desktop\8MINUTE\_CUP1\plt\MAX1HR1001c.PLT"  
33 PLOTFILE PERIOD 1001a "C:\Users\elinard\Desktop\8MINUTE\_CUP1\plt\PERIOD1001a.PLT"  
34 PLOTFILE PERIOD 1001b "C:\Users\elinard\Desktop\8MINUTE\_CUP1\plt\PERIOD1001b.PLT"  
35 PLOTFILE PERIOD 1001c "C:\Users\elinard\Desktop\8MINUTE\_CUP1\plt\PERIOD1001c.PLT"  
36  
OU FINISHED

\*\*\* Message Summary For AERMOD Model Setup \*\*\*

----- Summary of Total Messages -----

A Total of                   0 Fatal Error Message(s)  
A Total of                   2 Warning Message(s)  
A Total of                   0 Informational Message(s)

\*\*\*\*\* FATAL ERROR MESSAGES \*\*\*\*\*  
\*\*\* NONE \*\*\*

\*\*\*\*\* WARNING MESSAGES \*\*\*\*\*  
CO W200           5           TITLES: Missing Parameter(s). No Options Specified For  
TITLEONE  
CO W200           6           TITLES: Missing Parameter(s). No Options Specified For  
TITLETWO

\*\*\*\*\*  
\*\*\* SETUP Finishes Successfully \*\*\*  
\*\*\*\*\*

\*\*\* AERMOD - VERSION 19191 \*\*\*   \*\*\*  
                                  \*\*\*           09/10/20  
\*\*\* AERMET - VERSION 14134 \*\*\*   \*\*\*  
                                  \*\*\*           07:21:22

PAGE 1

\*\*\* MODELOPTs:   RegDFault   CONC   ELEV   FLGPOL   RURAL

\*\*\*                                   MODEL SETUP OPTIONS SUMMARY

\*\*\*

-----  
-----

\*\*Model Is Setup For Calculation of Average CONCentration Values.

-- DEPOSITION LOGIC --

\*\*NO GAS DEPOSITION Data Provided.

\*\*NO PARTICLE DEPOSITION Data Provided.

\*\*Model Uses NO DRY DEPLETION. DRYDPLT = F

\*\*Model Uses NO WET DEPLETION. WETDPLT = F

\*\*Model Uses RURAL Dispersion Only.

\*\*Model Uses Regulatory DEFAULT Options:

1. Stack-tip Downwash.
2. Model Accounts for ELEVated Terrain Effects.
3. Use Calms Processing Routine.
4. Use Missing Data Processing Routine.
5. No Exponential Decay.

\*\*Other Options Specified:

CCVR\_Sub - Meteorological data includes CCVR substitutions

TEMP\_Sub - Meteorological data includes TEMP substitutions

\*\*Model Accepts FLAGPOLE Receptor Heights.

\*\*The User Specified a Pollutant Type of: OTHER

\*\*Model Calculates 1 Short Term Average(s) of: 1-HR  
and Calculates PERIOD Averages

\*\*This Run Includes: 3 Source(s); 3 Source Group(s); and 2030  
Receptor(s)

with: 0 POINT(s), including  
0 POINTCAP(s) and 0 POINTHOR(s)  
and: 0 VOLUME source(s)  
and: 3 AREA type source(s)  
and: 0 LINE source(s)  
and: 0 RLINE/RLINEXT source(s)  
and: 0 OPENPIT source(s)  
and: 0 BUOYANT LINE source(s) with 0 line(s)

\*\*Model Set To Continue RUNning After the Setup Testing.

\*\*The AERMET Input Meteorological Data Version Date: 14134

\*\*Output Options Selected:

Model Outputs Tables of PERIOD Averages by Receptor

Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE  
Keyword)

Model Outputs External File(s) of High Values for Plotting (PLOTFILE

Keyword)

\*\*NOTE: The Following Flags May Appear Following CONC Values: c for Calm Hours  
m for Missing Hours  
b for Both Calm and

Missing Hours

\*\*Misc. Inputs: Base Elev. for Pot. Temp. Profile (m MSL) = 694.30 ; Decay  
Coef. = 0.000 ; Rot. Angle = 0.0  
Emission Units = GRAMS/SEC ;  
Emission Rate Unit Factor = 0.10000E+07  
Output Units = MICROGRAMS/M\*\*3

\*\*Approximate Storage Requirements of Model = 3.9 MB of RAM.

\*\*Input Runstream File: aermod.inp

\*\*Output Print File: aermod.out

\*\*Detailed Error/Message File:  
C:\Users\elinard\Desktop\8MINUTE\_CUP1\8MINUTE\_CUP1\_AERMOD.ERR

\*\*\* AERMOD - VERSION 19191 \*\*\*  
\*\*\* 09/10/20  
\*\*\* AERMET - VERSION 14134 \*\*\*  
\*\*\* 07:21:22

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\*\*\* AREAPOLY SOURCE DATA \*\*\*

INIT.	URBAN	NUMBER	EMISSION	LOCATION	OF	AREA	BASE	RELEASE	NUMBER
SOURCE	SOURCE	EMISSION	RATE	X	Y	ELEV.	HEIGHT	OF	VERTS.
SZ	SCALAR	VARY		(METERS)	(METERS)	(METERS)	(METERS)		
ID	CATS.	/METER**2)							
(METERS)	BY								

1001A	0	0.81398E-06	442261.0	3871403.0	775.0	3.10	9
0.00	NO	HRDOW					
1001B	0	0.86316E-05	440693.0	3872567.0	757.0	3.10	8
0.00	NO	HRDOW					
1001C	0	0.49688E-05	440686.0	3872275.0	761.0	3.10	5
0.00	NO	HRDOW					

\*\*\* AERMOD - VERSION 19191 \*\*\*



\*\*\* 09/10/20  
 \*\*\* AERMET - VERSION 14134 \*\*\*  
 \*\*\* 07:21:22

PAGE 3

\*\*\* MODELOPTs: RegDFault CONC ELEV FLGPOL RURAL

\*\*\* SOURCE IDs DEFINING SOURCE GROUPS \*\*\*

SRCGROUP ID SOURCE IDs  
 -----

1001A 1001A ,

1001B 1001B ,

1001C 1001C ,

\*\*\* AERMOD - VERSION 19191 \*\*\*  
 \*\*\* 09/10/20  
 \*\*\* AERMET - VERSION 14134 \*\*\*  
 \*\*\* 07:21:22

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\*\*\* MODELOPTs: RegDFault CONC ELEV FLGPOL RURAL

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) \*

SOURCE ID = 1001A ; SOURCE TYPE = AREAPOLY :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.6545E+01	8	.6545E+01	9	.6545E+01	10	.6545E+01
11	.6545E+01	12	.6545E+01	13	.6545E+01	14	.6545E+01	15	.6545E+01
16	.6545E+01	17	.6545E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00
21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00		

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.6545E+01	8	.6545E+01	9	.6545E+01	10	.6545E+01
11	.6545E+01	12	.6545E+01	13	.6545E+01	14	.6545E+01	15	.6545E+01
16	.6545E+01	17	.6545E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00
21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00		

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.0000E+00	8	.0000E+00	9	.0000E+00	10	.0000E+00
11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00
21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00		

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	
6	.0000E+00	7	.0000E+00	8	.0000E+00					
	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00
14	.0000E+00	15	.0000E+00	16	.0000E+00					
	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00					

\*\*\* AERMOD - VERSION 19191 \*\*\*

\*\*\* 09/10/20

\*\*\* AERMET - VERSION 14134 \*\*\*

\*\*\* 07:21:22

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\*\*\* MODELOPTs: RegDFault CONC ELEV FLGPOL RURAL

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) \*

SOURCE ID = 1001B ; SOURCE TYPE = AREAPOLY :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
------	--------	------	--------	------	--------	------	--------	------	--------

-----

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	
6	.0000E+00	7	.6545E+01	8	.6545E+01					
	9	.6545E+01	10	.6545E+01	11	.6545E+01	12	.6545E+01	13	.6545E+01
14	.6545E+01	15	.6545E+01	16	.6545E+01					
	17	.6545E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00					

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	
6	.0000E+00	7	.0000E+00	8	.0000E+00					
	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00
14	.0000E+00	15	.0000E+00	16	.0000E+00					
	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00					

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	
6	.0000E+00	7	.0000E+00	8	.0000E+00					
	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00
14	.0000E+00	15	.0000E+00	16	.0000E+00					
	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00					

\*\*\* AERMOD - VERSION 19191 \*\*\*

\*\*\* 09/10/20

\*\*\* AERMET - VERSION 14134 \*\*\*

\*\*\* 07:21:22

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\*\*\* MODELOPTs: RegDFault CONC ELEV FLGPOL RURAL

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) \*

SOURCE ID = 1001C ; SOURCE TYPE = AREAPOLY :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
------	--------	------	--------	------	--------	------	--------	------	--------

-----  
-----

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.6545E+01	8	.6545E+01				
	.6545E+01	10	.6545E+01	11	.6545E+01	12	.6545E+01	13	.6545E+01
14	.6545E+01	15	.6545E+01	16	.6545E+01				
	.6545E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00				

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.0000E+00	8	.0000E+00				
	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00
14	.0000E+00	15	.0000E+00	16	.0000E+00				
	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00				

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.0000E+00	8	.0000E+00				
	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00
14	.0000E+00	15	.0000E+00	16	.0000E+00				
	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00				

▲ \*\*\* AERMOD - VERSION 19191 \*\*\*  
\*\*\* 09/10/20  
\*\*\* AERMET - VERSION 14134 \*\*\*  
\*\*\* 07:21:22

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\*\*\* MODELOPTs: RegDFault CONC ELEV FLGPOL RURAL

\*\*\* GRIDDED RECEPTOR NETWORK SUMMARY \*\*\*

\*\*\* NETWORK ID: COURSE ; NETWORK TYPE: GRIDCART

\*\*\*

\*\*\* X-COORDINATES OF GRID \*\*\*  
(METERS)

430733.0, 431233.0, 431733.0, 432233.0, 432733.0, 433233.0, 433733.0,  
434233.0, 434733.0, 435233.0,  
435733.0, 436233.0, 436733.0, 437233.0, 437733.0, 438233.0, 438733.0,  
439233.0, 439733.0, 440233.0,

440733.0, 441233.0, 441733.0, 442233.0, 442733.0, 443233.0, 443733.0,  
 444233.0, 444733.0, 445233.0,  
 445733.0,

\*\*\* Y-COORDINATES OF GRID \*\*\*  
 (METERS)

3864761.0, 3865261.0, 3865761.0, 3866261.0, 3866761.0, 3867261.0, 3867761.0,  
 3868261.0, 3868761.0, 3869261.0,  
 3869761.0, 3870261.0, 3870761.0, 3871261.0, 3871761.0, 3872261.0, 3872761.0,  
 3873261.0, 3873761.0, 3874261.0,  
 3874761.0, 3875261.0, 3875761.0, 3876261.0, 3876761.0, 3877261.0, 3877761.0,  
 3878261.0, 3878761.0, 3879261.0,  
 3879761.0,

\*\*\* AERMOD - VERSION 19191 \*\*\* \*\*  
 \*\*\* 09/10/20

\*\*\* AERMET - VERSION 14134 \*\*\* \*\*  
 \*\*\* 07:21:22

PAGE 8

\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\*\*\* NETWORK ID: COURSE ; NETWORK TYPE: GRIDCART

\*\*\*

\* ELEVATION HEIGHTS IN METERS \*

Y-COORD (METERS)	430733.00	431233.00	431733.00	432233.00	432733.00
433233.00	433733.00	434233.00	434733.00		

3879761.00	744.00	779.70	750.30	737.30	737.90
739.30	743.20	743.10	749.90		
3879261.00	730.50	744.90	743.90	734.60	734.90
737.10	746.00	738.90	741.00		
3878761.00	725.80	729.60	732.10	732.60	732.60
734.30	734.30	737.60	737.60		
3878261.00	725.30	728.10	730.00	729.30	730.00
731.30	734.00	735.70	736.40		
3877761.00	723.00	725.50	726.30	726.50	727.60
729.00	732.50	733.40	733.30		
3877261.00	720.50	722.10	723.60	724.20	725.40
727.40	729.20	731.50	732.30		
3876761.00	718.40	720.00	721.10	722.00	723.90
725.10	727.20	728.40	728.50		
3876261.00	717.20	718.40	719.30	720.50	722.10
724.20	725.60	726.40	727.00		
3875761.00	714.90	716.10	717.30	719.30	720.50

722.30	724.40	723.90	725.40			
3875261.00		712.60	713.80	716.30	717.30	718.70
719.80		721.70	721.80	723.00		
3874761.00		711.10	712.90	714.50	716.30	716.60
717.70		718.70	719.40	721.80		
3874261.00		710.20	711.10	713.20	713.50	715.70
715.70		717.50	719.30	721.20		
3873761.00		709.90	710.40	711.40	712.30	713.20
714.40		716.00	718.40	720.80		
3873261.00		707.20	709.60	709.00	709.00	711.20
713.00		715.00	718.00	721.00		
3872761.00		706.40	707.60	709.00	709.00	711.00
713.00		715.00	718.00	722.00		
3872261.00		705.00	706.20	707.00	709.00	710.90
712.80		715.00	719.00	723.00		
3871761.00		704.10	705.60	707.00	707.00	710.30
713.00		715.00	719.00	724.00		
3871261.00		701.60	704.10	707.00	707.00	710.00
713.00		715.20	720.00	724.00		
3870761.00		700.70	701.50	707.00	707.00	709.00
712.00		715.00	719.10	723.80		
3870261.00		698.00	700.80	702.60	707.40	707.00
713.00		714.40	718.00	722.00		
3869761.00		696.00	699.10	707.00	707.00	707.00
713.00		714.00	716.00	721.00		
3869261.00		696.20	701.00	705.00	714.40	707.00
709.70		712.90	714.00	723.80		
3868761.00		704.40	704.10	707.60	708.00	709.00
710.00		713.00	720.90	730.60		
3868261.00		709.20	710.40	711.50	711.50	711.00
713.00		719.00	729.60	741.30		
3867761.00		719.10	717.90	716.00	715.00	715.00
717.80		726.40	736.30	750.90		
3867261.00		728.10	725.90	722.80	719.00	718.10
724.00		733.40	747.90	762.60		
3866761.00		748.20	740.30	739.90	727.60	724.00
732.40		744.40	762.60	781.70		
3866261.00		765.50	749.40	737.20	729.00	732.00
741.90		758.60	774.50	801.90		
3865761.00		762.60	743.50	734.00	730.30	737.00
751.40		769.30	794.00	832.00		
3865261.00		741.80	731.00	727.80	736.90	744.60
761.30		781.90	808.20	875.20		
3864761.00		724.10	725.10	732.00	744.10	754.30
767.80		789.90	818.20	856.60		
*** AERMOD - VERSION		19191 ***	***			
		***	09/10/20			
*** AERMET - VERSION		14134 ***	***			
		***	07:21:22			

\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\*\*\* NETWORK ID: COURSE ; NETWORK TYPE: GRIDCART

\*\*\*

\* ELEVATION HEIGHTS IN METERS \*

Y-COORD (METERS)	X-COORD (METERS)				
	435233.00	435733.00	436233.00	436733.00	437233.00
437733.00	438233.00	438733.00	439233.00		

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3879761.00	743.40	746.10	755.60	757.60	755.90
759.70	765.40	771.40	775.90		
3879261.00	740.90	743.80	778.00	789.80	792.10
762.50	771.20	768.70	774.40		
3878761.00	740.70	761.90	778.00	774.00	778.10
768.80	761.40	767.50	774.20		
3878261.00	753.10	748.40	771.60	749.70	727.00
731.70	756.20	761.40	766.60		
3877761.00	733.30	735.90	740.40	680.00	616.00
666.00	752.90	755.90	762.00		
3877261.00	732.40	733.50	736.20	738.80	737.60
749.00	749.60	753.70	757.30		
3876761.00	728.60	730.90	734.30	737.10	746.60
750.90	746.40	749.80	756.10		
3876261.00	727.90	728.90	731.20	734.00	741.20
740.90	742.70	749.20	764.20		
3875761.00	725.40	726.80	728.60	732.60	736.30
737.60	747.70	754.60	772.00		
3875261.00	724.50	725.70	728.70	731.50	734.50
736.60	744.20	757.50	769.90		
3874761.00	723.90	725.50	728.50	730.70	732.70
734.60	742.30	753.50	773.70		
3874261.00	724.00	727.40	728.20	731.40	732.90
734.30	736.70	743.80	760.00		
3873761.00	724.30	727.90	730.80	734.40	735.80
737.70	737.60	737.90	740.60		
3873261.00	725.00	729.00	733.00	737.40	739.40
740.10	741.50	741.50	743.30		
3872761.00	727.00	732.00	736.00	739.70	744.00
746.00	747.50	747.00	748.00		
3872261.00	728.00	733.00	737.20	741.40	746.00
750.00	752.00	753.00	755.10		
3871761.00	728.40	733.10	738.00	742.40	747.10
752.00	756.80	761.80	766.60		
3871261.00	729.00	734.00	737.40	743.00	749.50
756.00	761.70	762.40	769.90		

3870761.00		728.40	734.00	740.10	747.50	762.00
765.10		773.10	773.10	770.80		
3870261.00		728.00	735.00	742.00	750.00	758.10
767.00		774.00	780.00	779.80		
3869761.00		728.40	738.10	746.90	758.20	766.50
782.90		789.00	785.50	786.00		
3869261.00		734.00	745.10	757.10	770.10	783.10
812.20		821.50	795.10	795.10		
3868761.00		742.80	755.90	767.60	783.30	799.90
815.40		829.60	812.50	806.80		
3868261.00		754.90	769.60	782.50	801.10	827.20
888.40		913.70	835.40	818.60		
3867761.00		765.40	785.30	803.70	826.60	873.80
982.60		919.80	846.80	829.00		
3867261.00		779.90	798.50	823.40	857.60	968.80
991.30		934.10	854.70	843.00		
3866761.00		804.60	831.30	871.60	926.00	990.00
925.00		890.10	867.90	858.50		
3866261.00		827.60	866.90	960.40	938.00	933.50
931.30		901.80	887.20	879.00		
3865761.00		901.90	951.10	939.10	930.10	919.30
930.90		922.70	924.30	904.40		
3865261.00		916.70	931.40	917.90	910.80	904.50
907.50		909.80	918.10	930.40		
3864761.00		901.00	903.00	898.00	910.30	893.80
893.80		902.00	917.70	925.70		

\*\*\* AERMOD - VERSION 19191 \*\*\*  
 \*\*\* 09/10/20

\*\*\* AERMET - VERSION 14134 \*\*\*  
 \*\*\* 07:21:22

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\*\*\* NETWORK ID: COURSE ; NETWORK TYPE: GRIDCART

\*\*\*

\* ELEVATION HEIGHTS IN METERS \*

Y-COORD (METERS)		X-COORD (METERS)				
		439733.00	440233.00	440733.00	441233.00	441733.00
442233.00		442733.00	443233.00	443733.00		

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3879761.00		782.20	788.80	795.40	802.10	807.40
825.10		855.30	882.50	831.70		
3879261.00		780.20	786.50	791.90	797.90	802.40
817.70		840.80	829.40	822.70		
3878761.00		776.00	780.80	785.60	789.90	795.40

804.40	825.40	835.30	814.00			
3878261.00		770.80	773.80	779.30	785.40	790.30
795.20	804.40	820.00	810.70			
3877761.00		766.00	773.40	782.90	781.00	781.40
787.60	794.30	802.10	804.30			
3877261.00		762.80	765.40	774.30	775.60	775.20
778.70	783.50	789.40	794.50			
3876761.00		763.40	774.20	769.30	768.10	770.50
773.50	776.40	780.90	785.90			
3876261.00		768.50	763.90	764.20	771.70	783.70
774.90	771.50	776.10	778.60			
3875761.00		760.90	755.50	762.00	793.80	794.60
775.50	766.60	770.00	770.00			
3875261.00		773.70	753.10	754.80	762.60	767.40
764.10	762.30	763.20	763.80			
3874761.00		781.80	749.80	748.90	752.50	756.00
757.80	759.20	757.80	760.20			
3874261.00		750.60	744.90	749.20	749.40	752.00
753.60	754.50	755.50	757.30			
3873761.00		743.30	745.00	746.50	748.60	750.50
753.10	755.30	754.80	755.40			
3873261.00		745.50	747.90	750.20	752.10	753.10
755.30	758.00	759.70	759.50			
3872761.00		751.70	753.50	755.00	756.50	759.10
761.90	763.00	764.00	766.00			
3872261.00		758.10	760.00	761.10	761.00	763.20
767.80	768.00	769.10	771.10			
3871761.00		768.00	767.00	767.90	767.80	768.00
771.00	774.00	775.70	777.00			
3871261.00		771.50	772.00	772.90	774.00	774.00
776.00	780.00	783.00	783.40			
3870761.00		776.10	779.90	780.00	780.50	786.10
783.10	786.10	791.90	792.00			
3870261.00		774.00	786.10	786.00	788.30	795.10
806.40	803.40	798.80	798.80			
3869761.00		784.50	783.10	794.80	802.20	806.50
810.00	823.00	810.00	811.30			
3869261.00		794.00	790.10	798.70	815.50	824.40
826.10	824.10	818.00	822.80			
3868761.00		802.50	796.80	796.80	817.30	847.10
844.60	838.00	827.90	829.80			
3868261.00		811.30	803.50	800.50	804.00	818.60
835.80	844.60	834.10	827.20			
3867761.00		823.60	813.90	809.00	809.00	810.00
814.70	825.30	840.90	829.00			
3867261.00		834.80	824.70	818.80	816.80	816.80
816.80	818.00	823.40	836.00			
3866761.00		851.80	842.40	835.50	830.50	826.50
825.50	824.00	827.10	833.80			
3866261.00		880.30	868.20	855.50	846.10	838.00



834.00	832.60	833.20	834.00			
3865761.00	912.00	895.70	877.90	863.20	853.70	
846.00	840.90	842.00	841.00			
3865261.00	938.70	926.30	897.20	879.00	865.90	
855.60	851.50	848.00	846.90			
3864761.00	939.40	942.10	909.90	891.60	876.00	
865.20	859.10	853.90	852.10			

\*\*\* AERMOD - VERSION 19191 \*\*\*  
 \*\*\* 09/10/20

\*\*\* AERMET - VERSION 14134 \*\*\*  
 \*\*\* 07:21:22

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* NETWORK ID: COURSE ; NETWORK TYPE: GRIDCART

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\* ELEVATION HEIGHTS IN METERS \*

Y-COORD (METERS)	444233.00	444733.00	445233.00	X-COORD (METERS) 445733.00
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3879761.00	841.70	833.10	828.40	820.70
3879261.00	829.20	823.90	818.10	814.30
3878761.00	818.80	816.90	813.90	807.50
3878261.00	814.00	808.00	805.10	801.00
3877761.00	805.20	798.30	798.20	796.70
3877261.00	795.90	789.40	790.70	791.70
3876761.00	785.80	783.30	786.30	786.10
3876261.00	778.60	777.10	786.30	782.20
3875761.00	770.80	777.70	780.40	777.20
3875261.00	767.30	767.80	771.20	772.70
3874761.00	762.50	761.80	762.30	765.10
3874261.00	758.30	758.30	759.50	761.40
3873761.00	756.90	757.10	756.40	757.40
3873261.00	760.70	761.70	759.20	757.40
3872761.00	767.00	767.50	765.60	762.00
3872261.00	774.00	774.00	770.00	767.00
3871761.00	780.80	778.00	774.00	771.90
3871261.00	786.80	783.90	780.00	777.50
3870761.00	792.00	792.00	787.30	787.10
3870261.00	798.00	798.10	801.80	799.80
3869761.00	805.00	814.60	830.60	814.20
3869261.00	816.80	818.00	828.20	823.00
3868761.00	817.10	822.70	835.40	827.90
3868261.00	823.00	831.20	839.40	847.90
3867761.00	828.00	835.10	849.70	860.90

3867261.00	836.00	838.10	846.80	853.40
3866761.00	840.00	846.50	851.60	854.90
3866261.00	840.00	851.10	865.10	867.10
3865761.00	843.00	852.80	864.80	885.80
3865261.00	846.70	855.10	865.90	879.40
3864761.00	852.00	859.20	874.90	893.00

\*\*\* AERMOD - VERSION 19191 \*\*\*  
 \*\*\* 09/10/20  
 \*\*\* AERMET - VERSION 14134 \*\*\*  
 \*\*\* 07:21:22

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* NETWORK ID: COURSE ; NETWORK TYPE: GRIDCART

\*\*\*

\* HILL HEIGHT SCALES IN METERS \*

Y-COORD (METERS)	X-COORD (METERS)				
	430733.00	431233.00	431733.00	432233.00	432733.00
433233.00	433733.00	434233.00	434733.00		

3879761.00	744.00	798.90	798.90	737.30	737.90
739.30	743.20	743.10	779.40		
3879261.00	730.50	798.90	762.30	734.60	734.90
737.10	753.50	738.90	741.00		
3878761.00	750.40	729.60	732.10	732.60	732.60
753.20	734.30	737.60	737.60		
3878261.00	725.30	728.10	730.00	729.30	730.00
731.30	734.00	735.70	736.40		
3877761.00	723.00	725.50	726.30	726.50	727.60
729.00	732.50	733.40	733.30		
3877261.00	720.50	722.10	723.60	724.20	725.40
727.40	729.20	731.50	732.30		
3876761.00	718.40	720.00	721.10	722.00	723.90
725.10	727.20	728.40	728.50		
3876261.00	717.20	718.40	719.30	720.50	722.10
724.20	725.60	726.40	727.00		
3875761.00	714.90	716.10	717.30	719.30	720.50
722.30	724.40	723.90	725.40		
3875261.00	712.60	713.80	716.30	717.30	718.70
719.80	721.70	721.80	723.00		
3874761.00	711.10	712.90	714.50	716.30	716.60
717.70	718.70	719.40	721.80		
3874261.00	710.20	711.10	713.20	713.50	715.70
715.70	717.50	719.30	721.20		
3873761.00	709.90	710.40	711.40	712.30	713.20

714.40	716.00	718.40	720.80			
3873261.00	707.20	709.60	709.00	709.00	709.00	711.20
713.00	715.00	718.00	721.00			
3872761.00	706.40	707.60	709.00	709.00	709.00	711.00
713.00	715.00	718.00	722.00			
3872261.00	705.00	706.20	707.00	709.00	709.00	710.90
712.80	715.00	719.00	723.00			
3871761.00	704.10	705.60	707.00	707.00	707.00	710.30
713.00	715.00	719.00	724.00			
3871261.00	701.60	704.10	707.00	707.00	707.00	710.00
713.00	715.20	720.00	724.00			
3870761.00	700.70	701.50	707.00	707.00	707.00	709.00
712.00	715.00	719.10	723.80			
3870261.00	698.00	700.80	702.60	707.40	707.40	707.00
713.00	714.40	718.00	722.00			
3869761.00	696.00	699.10	707.00	707.00	707.00	707.00
713.00	714.00	716.00	721.00			
3869261.00	696.20	701.00	705.00	714.40	714.40	707.00
709.70	712.90	714.00	723.80			
3868761.00	704.40	704.10	707.60	708.00	708.00	709.00
710.00	713.00	720.90	730.60			
3868261.00	709.20	710.40	711.50	711.50	711.50	711.00
713.00	719.00	729.60	741.30			
3867761.00	719.10	717.90	716.00	715.00	715.00	715.00
717.80	726.40	736.30	965.00			
3867261.00	728.10	725.90	722.80	719.00	719.00	718.10
724.00	733.40	961.00	970.00			
3866761.00	748.20	740.30	750.00	727.60	727.60	724.00
732.40	941.00	961.00	971.00			
3866261.00	765.50	749.40	737.20	729.00	729.00	732.00
741.90	961.00	961.00	971.00			
3865761.00	766.00	743.50	734.00	730.30	730.30	737.00
751.40	941.00	961.00	961.00			
3865261.00	774.80	731.00	727.80	736.90	736.90	744.60
761.30	933.00	961.00	933.00			
3864761.00	724.10	725.10	732.00	744.10	744.10	754.30
767.80	789.90	922.00	922.00			

\*\*\* AERMOD - VERSION 19191 \*\*\* \*\*  
 \*\*\* 09/10/20

\*\*\* AERMET - VERSION 14134 \*\*\* \*\*  
 \*\*\* 07:21:22

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\*\*\* NETWORK ID: COURSE ; NETWORK TYPE: GRIDCART

\*\*\*

\* HILL HEIGHT SCALES IN METERS \*

Y-COORD (METERS)	X-COORD (METERS)				
	435233.00	435733.00	436233.00	436733.00	437233.00
437733.00	438233.00	438733.00	439233.00		

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3879761.00		743.40	746.10	772.10	789.40	783.30
759.70		765.40	771.40	775.90		
3879261.00		740.90	767.50	778.00	789.80	792.10
783.00		779.70	768.70	774.40		
3878761.00		765.00	761.90	795.20	795.50	780.30
777.20		761.40	767.50	774.20		
3878261.00		753.10	764.70	771.60	749.70	788.20
774.20		756.20	761.40	789.40		
3877761.00		733.30	735.90	740.40	795.50	797.70
780.30		752.90	755.90	762.00		
3877261.00		732.40	733.50	736.20	738.80	737.60
749.00		749.60	753.70	757.30		
3876761.00		728.60	730.90	734.30	737.10	746.60
750.90		746.40	749.80	756.10		
3876261.00		727.90	728.90	731.20	734.00	741.20
740.90		742.70	749.20	801.00		
3875761.00		725.40	726.80	728.60	732.60	736.30
737.60		747.70	754.60	790.00		
3875261.00		724.50	725.70	728.70	731.50	734.50
736.60		744.20	757.50	769.90		
3874761.00		723.90	725.50	728.50	730.70	732.70
734.60		742.30	753.50	789.10		
3874261.00		724.00	727.40	728.20	731.40	732.90
734.30		736.70	743.80	762.00		
3873761.00		724.30	727.90	730.80	734.40	735.80
737.70		737.60	737.90	740.60		
3873261.00		725.00	729.00	733.00	737.40	739.40
740.10		741.50	741.50	743.30		
3872761.00		727.00	732.00	736.00	739.70	744.00
746.00		747.50	747.00	748.00		
3872261.00		728.00	733.00	737.20	741.40	746.00
750.00		752.00	753.00	755.10		
3871761.00		728.40	733.10	738.00	742.40	747.10
752.00		756.80	761.80	766.60		
3871261.00		729.00	734.00	737.40	743.00	749.50
756.00		761.70	762.40	769.90		
3870761.00		728.40	734.00	740.10	747.50	762.00
765.10		773.10	773.10	770.80		
3870261.00		728.00	735.00	742.00	750.00	899.00
899.00		899.00	899.00	779.80		
3869761.00		728.40	738.10	1015.00	1034.00	1034.00
1034.00		1023.00	970.00	786.00		
3869261.00		734.00	1026.00	1034.00	1034.00	1034.00
1034.00		1034.00	1034.00	1034.00		

3868761.00		1026.00	1034.00	1034.00	1034.00	1034.00
1034.00		1034.00	1034.00	1034.00		
3868261.00		1026.00	1034.00	1034.00	1034.00	1034.00
1034.00		1034.00	1034.00	1034.00		
3867761.00		1026.00	1034.00	1034.00	1034.00	1034.00
1034.00		1034.00	1034.00	1034.00		
3867261.00		1026.00	1034.00	1034.00	1034.00	1026.00
1034.00		1034.00	1034.00	1034.00		
3866761.00		971.00	1026.00	1026.00	1026.00	1001.00
1034.00		1034.00	1034.00	1034.00		
3866261.00		971.00	971.00	960.40	972.00	1001.00
996.00		1034.00	1034.00	879.00		
3865761.00		961.00	961.00	971.00	957.00	926.00
964.00		964.00	945.00	904.40		
3865261.00		916.70	941.00	917.90	946.00	904.50
907.50		909.80	918.10	930.40		
3864761.00		909.00	903.00	898.00	910.30	893.80
893.80		902.00	917.70	925.70		
*** AERMOD - VERSION		19191	***	***		
		***		09/10/20		
*** AERMET - VERSION		14134	***	***		
		***		07:21:22		

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* NETWORK ID: COURSE ; NETWORK TYPE: GRIDCART

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\* HILL HEIGHT SCALES IN METERS \*

Y-COORD		X-COORD (METERS)				
(METERS)		439733.00	440233.00	440733.00	441233.00	441733.00
442233.00		442733.00	443233.00	443733.00		

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3879761.00		782.20	788.80	795.40	802.10	807.40
939.10		939.10	939.10	939.10		
3879261.00		780.20	786.50	791.90	797.90	802.40
939.10		939.10	939.10	939.10		
3878761.00		776.00	780.80	785.60	789.90	795.40
935.70		935.70	935.70	935.70		
3878261.00		770.80	773.80	779.30	785.40	790.30
795.20		804.40	820.00	810.70		
3877761.00		766.00	773.40	782.90	781.00	781.40
787.60		794.30	802.10	804.30		
3877261.00		762.80	765.40	774.30	775.60	775.20
778.70		783.50	789.40	794.50		
3876761.00		763.40	774.20	769.30	768.10	770.50

773.50	776.40	780.90	785.90			
3876261.00		801.00	763.90	764.20	771.70	783.70
812.90		771.50	776.10	778.60		
3875761.00		760.90	755.50	762.00	796.70	810.80
812.90		766.60	770.00	770.00		
3875261.00		777.80	753.10	754.80	762.60	767.40
764.10		762.30	763.20	763.80		
3874761.00		806.50	806.50	748.90	752.50	756.00
757.80		759.20	757.80	760.20		
3874261.00		750.60	744.90	755.00	749.40	752.00
753.60		754.50	755.50	757.30		
3873761.00		743.30	745.00	746.50	748.60	750.50
753.10		755.30	754.80	755.40		
3873261.00		745.50	747.90	750.20	752.10	753.10
755.30		758.00	759.70	759.50		
3872761.00		751.70	753.50	755.00	756.50	759.10
761.90		763.00	764.00	766.00		
3872261.00		758.10	760.00	761.10	761.00	763.20
767.80		768.00	769.10	771.10		
3871761.00		768.00	767.00	767.90	767.80	768.00
771.00		774.00	775.70	777.00		
3871261.00		771.50	772.00	772.90	774.00	774.00
776.00		780.00	783.00	783.40		
3870761.00		776.10	779.90	780.00	780.50	786.10
783.10		786.10	791.90	792.00		
3870261.00		774.00	786.10	786.00	788.30	795.10
806.40		803.40	798.80	798.80		
3869761.00		784.50	783.10	794.80	802.20	806.50
810.00		823.00	810.00	817.00		
3869261.00		794.00	790.10	798.70	815.50	824.40
826.10		824.10	818.00	822.80		
3868761.00		1025.00	796.80	796.80	823.00	847.10
844.60		838.00	827.90	829.80		
3868261.00		1034.00	803.50	800.50	804.00	818.60
841.00		844.60	834.10	827.20		
3867761.00		1034.00	813.90	809.00	809.00	810.00
814.70		825.30	840.90	829.00		
3867261.00		1034.00	824.70	818.80	816.80	816.80
816.80		818.00	823.40	836.00		
3866761.00		851.80	842.40	835.50	830.50	826.50
825.50		824.00	827.10	833.80		
3866261.00		928.00	927.00	855.50	846.10	838.00
834.00		832.60	833.20	834.00		
3865761.00		930.00	928.00	916.00	863.20	853.70
846.00		840.90	842.00	841.00		
3865261.00		938.70	926.30	915.00	879.00	865.90
855.60		851.50	848.00	846.90		
3864761.00		939.40	942.10	932.00	891.60	876.00
865.20		859.10	853.90	852.10		

\*\*\* AERMOD - VERSION 19191 \*\*\*

\*\*\* 09/10/20  
 \*\*\* AERMET - VERSION 14134 \*\*\*  
 \*\*\* 07:21:22

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 \*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\*\*\* NETWORK ID: COURSE ; NETWORK TYPE: GRIDCART

\*\*\*

\* HILL HEIGHT SCALES IN METERS \*

Y-COORD (METERS)	444233.00	444733.00	445233.00	X-COORD (METERS) 445733.00
3879761.00	841.70	833.10	828.40	820.70
3879261.00	829.20	823.90	818.10	814.30
3878761.00	818.80	816.90	813.90	807.50
3878261.00	814.00	808.00	805.10	801.00
3877761.00	805.20	798.30	798.20	796.70
3877261.00	795.90	789.40	790.70	791.70
3876761.00	785.80	783.30	786.30	786.10
3876261.00	778.60	777.10	786.30	782.20
3875761.00	770.80	777.70	780.40	777.20
3875261.00	767.30	767.80	771.20	772.70
3874761.00	762.50	761.80	762.30	765.10
3874261.00	758.30	758.30	759.50	761.40
3873761.00	756.90	757.10	756.40	757.40
3873261.00	760.70	761.70	759.20	757.40
3872761.00	767.00	767.50	765.60	762.00
3872261.00	774.00	774.00	770.00	767.00
3871761.00	780.80	778.00	774.00	771.90
3871261.00	786.80	783.90	780.00	777.50
3870761.00	792.00	792.00	787.30	787.10
3870261.00	798.00	798.10	801.80	799.80
3869761.00	805.00	814.60	830.60	814.20
3869261.00	823.00	818.00	828.20	823.00
3868761.00	817.10	822.70	835.40	827.90
3868261.00	823.00	831.20	842.00	860.00
3867761.00	828.00	835.10	849.70	860.90
3867261.00	836.00	838.10	846.80	853.40
3866761.00	840.00	846.50	851.60	854.90
3866261.00	840.00	851.10	865.10	867.10
3865761.00	843.00	852.80	864.80	885.80
3865261.00	846.70	855.10	865.90	910.00
3864761.00	852.00	859.20	874.90	893.00

\*\*\* AERMOD - VERSION 19191 \*\*\*  
 \*\*\* 09/10/20









3866761.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3866261.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3865761.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3865261.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3864761.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		

\*\*\* AERMOD - VERSION 19191 \*\*\*  
 \*\*\* 09/10/20

\*\*\* AERMET - VERSION 14134 \*\*\*  
 \*\*\* 07:21:22

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* NETWORK ID: COURSE ; NETWORK TYPE: GRIDCART

\*\*\*

\* RECEPTOR FLAGPOLE HEIGHTS IN METERS \*

Y-COORD						X-COORD (METERS)	
(METERS)		439733.00	440233.00	440733.00	441233.00	441733.00	
442233.00		442733.00	443233.00	443733.00			

3879761.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3879261.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3878761.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3878261.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3877761.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3877261.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3876761.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3876261.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3875761.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3875261.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3874761.00		1.20	1.20	1.20	1.20	1.20	1.20

1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20
3874261.00	1.20	1.20	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20
3873761.00	1.20	1.20	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20
3873261.00	1.20	1.20	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20
3872761.00	1.20	1.20	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20
3872261.00	1.20	1.20	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20
3871761.00	1.20	1.20	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20
3871261.00	1.20	1.20	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20
3870761.00	1.20	1.20	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20
3870261.00	1.20	1.20	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20
3869761.00	1.20	1.20	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20
3869261.00	1.20	1.20	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20
3868761.00	1.20	1.20	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20
3868261.00	1.20	1.20	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20
3867761.00	1.20	1.20	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20
3867261.00	1.20	1.20	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20
3866761.00	1.20	1.20	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20
3866261.00	1.20	1.20	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20
3865761.00	1.20	1.20	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20
3865261.00	1.20	1.20	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20
3864761.00	1.20	1.20	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20

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*** AERMOD - VERSION 19191 ***
***                               ***
***                               09/10/20
*** AERMET - VERSION 14134 ***
***                               ***
***                               07:21:22

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\*\*\* NETWORK ID: COURSE ; NETWORK TYPE: GRIDCART

\*\*\*

\* RECEPTOR FLAGPOLE HEIGHTS IN METERS \*

Y-COORD (METERS)	444233.00	444733.00	445233.00	X-COORD (METERS) 445733.00
3879761.00	1.20	1.20	1.20	1.20
3879261.00	1.20	1.20	1.20	1.20
3878761.00	1.20	1.20	1.20	1.20
3878261.00	1.20	1.20	1.20	1.20
3877761.00	1.20	1.20	1.20	1.20
3877261.00	1.20	1.20	1.20	1.20
3876761.00	1.20	1.20	1.20	1.20
3876261.00	1.20	1.20	1.20	1.20
3875761.00	1.20	1.20	1.20	1.20
3875261.00	1.20	1.20	1.20	1.20
3874761.00	1.20	1.20	1.20	1.20
3874261.00	1.20	1.20	1.20	1.20
3873761.00	1.20	1.20	1.20	1.20
3873261.00	1.20	1.20	1.20	1.20
3872761.00	1.20	1.20	1.20	1.20
3872261.00	1.20	1.20	1.20	1.20
3871761.00	1.20	1.20	1.20	1.20
3871261.00	1.20	1.20	1.20	1.20
3870761.00	1.20	1.20	1.20	1.20
3870261.00	1.20	1.20	1.20	1.20
3869761.00	1.20	1.20	1.20	1.20
3869261.00	1.20	1.20	1.20	1.20
3868761.00	1.20	1.20	1.20	1.20
3868261.00	1.20	1.20	1.20	1.20
3867761.00	1.20	1.20	1.20	1.20
3867261.00	1.20	1.20	1.20	1.20
3866761.00	1.20	1.20	1.20	1.20
3866261.00	1.20	1.20	1.20	1.20
3865761.00	1.20	1.20	1.20	1.20
3865261.00	1.20	1.20	1.20	1.20
3864761.00	1.20	1.20	1.20	1.20

\*\*\* AERMOD - VERSION 19191 \*\*\*  
 \*\*\* 09/10/20  
 \*\*\* AERMET - VERSION 14134 \*\*\*  
 \*\*\* 07:21:22

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* GRIDDED RECEPTOR NETWORK SUMMARY \*\*\*

\*\*\* NETWORK ID: BORON ; NETWORK TYPE: GRIDCART

\*\*\*

\*\*\* X-COORDINATES OF GRID \*\*\*  
(METERS)

439957.6, 440007.6, 440057.6, 440107.6, 440157.6, 440207.6, 440257.6,  
440307.6, 440357.6, 440407.6,  
440457.6, 440507.6, 440557.6, 440607.6, 440657.6, 440707.6, 440757.6,  
440807.6, 440857.6, 440907.6,  
440957.6, 441007.6, 441057.6, 441107.6, 441157.6, 441207.6, 441257.6,  
441307.6, 441357.6, 441407.6,  
441457.6,

\*\*\* Y-COORDINATES OF GRID \*\*\*  
(METERS)

3872557.0, 3872607.0, 3872657.0, 3872707.0, 3872757.0, 3872807.0, 3872857.0,  
3872907.0, 3872957.0, 3873007.0,  
3873057.0, 3873107.0, 3873157.0, 3873207.0, 3873257.0, 3873307.0, 3873357.0,  
3873407.0, 3873457.0, 3873507.0,  
3873557.0, 3873607.0, 3873657.0, 3873707.0, 3873757.0, 3873807.0, 3873857.0,  
3873907.0, 3873957.0, 3874007.0,  
3874057.0,

\*\*\* AERMOD - VERSION 19191 \*\*\* \*\*  
\*\*\* 09/10/20  
\*\*\* AERMET - VERSION 14134 \*\*\* \*\*  
\*\*\* 07:21:22

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\*\*\* NETWORK ID: BORON ; NETWORK TYPE: GRIDCART

\*\*\*

\* ELEVATION HEIGHTS IN METERS \*

Y-COORD (METERS)	439957.60	440007.60	440057.60	440107.60	440157.60
440207.60	440257.60	440307.60	440357.60		

-----

3874057.00	743.90	743.90	743.90	743.90	744.00
744.30	744.60	744.90	745.20		
3874007.00	743.40	743.40	743.70	743.70	743.70
743.70	744.60	744.90	744.90		
3873957.00	743.40	743.40	743.70	743.70	743.80
744.00	744.60	744.80	744.90		
3873907.00	743.40	743.60	743.80	744.00	744.10

744.30	744.60	744.90	745.00			
3873857.00		743.70	743.70	744.00	744.30	744.50
744.60		744.90	744.90	745.20		
3873807.00		743.70	744.00	744.20	744.50	744.70
744.80		744.90	745.10	745.30		
3873757.00		744.10	744.30	744.50	744.70	744.90
745.00		745.20	745.30	745.50		
3873707.00		744.30	744.60	744.70	744.90	745.10
745.30		745.50	745.50	745.80		
3873657.00		744.60	744.90	744.90	745.10	745.30
745.50		745.70	746.00	746.10		
3873607.00		744.90	745.00	745.30	745.30	745.60
745.70		745.90	746.20	746.30		
3873557.00		744.90	745.20	745.50	745.50	745.80
745.90		746.10	746.60	746.70		
3873507.00		745.20	745.50	745.80	746.00	746.10
746.30		746.40	746.60	747.00		
3873457.00		745.50	745.80	746.00	746.20	746.40
746.50		746.50	746.70	747.20		
3873407.00		745.80	746.10	746.40	746.50	746.60
746.80		747.00	747.00	747.40		
3873357.00		746.10	746.40	746.60	746.80	746.90
747.00		747.40	747.70	748.20		
3873307.00		746.40	746.70	746.80	747.00	747.20
747.50		747.70	748.40	749.00		
3873257.00		746.70	746.90	747.10	747.40	747.50
747.70		748.00	748.60	749.80		
3873207.00		747.60	748.00	748.00	748.00	748.60
749.00		749.60	749.80	750.00		
3873157.00		748.00	748.00	748.10	748.90	749.00
750.00		750.00	750.00	750.00		
3873107.00		748.00	748.90	749.00	749.00	749.60
750.00		750.00	750.00	750.20		
3873057.00		749.00	749.00	749.00	749.60	750.00
750.00		750.60	750.80	751.00		
3873007.00		750.00	750.00	750.00	750.00	750.20
750.50		751.00	751.00	751.30		
3872957.00		750.00	750.00	750.20	750.90	751.00
751.00		751.00	751.90	752.00		
3872907.00		751.00	751.00	751.00	751.00	751.60
751.70		752.00	752.00	752.20		
3872857.00		751.30	751.30	752.00	752.00	752.00
752.10		752.30	753.00	753.00		
3872807.00		752.00	752.00	752.00	752.00	752.90
753.00		753.00	753.60	753.90		
3872757.00		752.60	752.60	753.00	753.00	753.40
753.60		754.00	754.00	754.00		
3872707.00		753.00	753.30	753.50	754.00	754.00
754.00		754.00	754.30	755.00		
3872657.00		753.90	754.00	754.00	754.90	754.90

754.90	754.90	755.00	755.00			
3872607.00		754.00	754.80	755.20	755.60	755.60
755.00		755.60	755.70			
3872557.00		755.00	755.60	756.00	756.00	756.00
756.00		756.00	756.10			

\*\*\* AERMOD - VERSION 19191 \*\*\*

\*\*\* 09/10/20

\*\*\* AERMET - VERSION 14134 \*\*\*

\*\*\* 07:21:22

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* NETWORK ID: BORON ; NETWORK TYPE: GRIDCART

\*\*\*

\* ELEVATION HEIGHTS IN METERS \*

Y-COORD (METERS)		440407.60	440457.60	440507.60	440557.60	440607.60
440657.60		440707.60	440757.60	440807.60		

-----

3874057.00		745.20	745.40	745.50	745.50	745.50
745.60		745.80	746.20	746.40		
3874007.00		745.20	745.20	745.20	745.50	745.50
745.50		745.80	746.00	746.20		
3873957.00		745.20	745.20	745.20	745.50	745.50
745.60		745.80	746.00	746.20		
3873907.00		745.20	745.30	745.40	745.50	745.60
745.80		745.90	746.20	746.30		
3873857.00		745.20	745.50	745.50	745.80	745.80
745.90		746.10	746.20	746.50		
3873807.00		745.50	745.70	745.80	746.00	746.10
746.20		746.20	746.30	746.50		
3873757.00		745.60	745.90	746.00	746.20	746.20
746.20		746.40	746.50	746.60		
3873707.00		745.80	746.10	746.20	746.40	746.50
746.70		746.50	746.50	746.80		
3873657.00		746.30	746.30	746.50	746.50	746.70
746.80		746.80	746.80	746.80		
3873607.00		746.50	746.80	746.80	746.80	747.00
747.20		747.20	747.20	747.30		
3873557.00		746.80	746.90	747.10	747.40	747.40
747.70		747.70	747.70	748.00		
3873507.00		747.20	747.30	747.60	747.70	747.90
748.00		748.20	748.20	748.50		
3873457.00		747.40	747.80	748.10	748.10	748.40
748.40		748.60	748.70	748.90		



3873407.00		747.90	748.30	748.60	748.60	748.80
748.90		748.90	749.20	749.30		
3873357.00		748.50	748.80	749.10	749.10	749.20
749.20		749.40	749.60	749.70		
3873307.00		749.30	749.30	749.60	749.60	749.60
749.60		749.80	749.90	750.10		
3873257.00		749.80	749.80	749.90	750.10	750.10
750.10		750.10	750.40	750.50		
3873207.00		750.00	750.00	750.00	750.00	750.60
751.00		751.00	751.00	751.00		
3873157.00		750.00	750.20	750.50	751.00	751.00
751.00		751.00	751.00	751.00		
3873107.00		750.90	751.00	751.00	751.00	751.00
751.00		751.00	751.00	751.00		
3873057.00		751.00	751.00	751.60	751.60	751.60
751.60		751.60	751.60	752.00		
3873007.00		751.90	752.00	752.00	752.00	752.00
752.00		752.00	752.00	752.10		
3872957.00		752.00	752.00	752.00	752.00	752.00
752.00		752.90	752.90	753.00		
3872907.00		752.60	752.80	753.00	753.00	753.00
753.00		753.00	753.00	753.60		
3872857.00		753.00	753.30	753.30	753.30	753.70
754.00		754.00	754.00	754.00		
3872807.00		753.90	754.00	754.00	754.00	754.00
754.00		754.00	754.00	754.20		
3872757.00		754.00	754.60	754.60	754.60	754.60
755.00		755.00	755.00	755.00		
3872707.00		755.00	755.30	755.30	755.30	755.30
755.30		755.30	755.70	756.00		
3872657.00		755.90	756.00	756.00	756.00	756.00
756.00		756.00	756.00	756.00		
3872607.00		756.00	756.40	756.60	756.60	756.60
756.60		756.60	756.60	757.00		
3872557.00		756.30	757.00	757.10	757.30	757.30
757.30		757.30	757.30	757.50		

\*\*\* AERMOD - VERSION 19191 \*\*\* \*\*  
 \*\*\* 09/10/20

\*\*\* AERMET - VERSION 14134 \*\*\* \*\*  
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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* NETWORK ID: BORON ; NETWORK TYPE: GRIDCART

\*\*\*

\* ELEVATION HEIGHTS IN METERS \*

Y-COORD |

X-COORD (METERS)

(METERS)	440857.60	440907.60	440957.60	441007.60	441057.60
441107.60	441157.60	441207.60	441257.60		

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3874057.00	746.80	746.80	747.00	747.00	747.20
747.80	748.30	748.70	749.00		
3874007.00	746.50	746.80	746.50	746.80	747.00
747.50	748.00	748.50	748.70		
3873957.00	746.50	746.50	746.50	746.70	746.90
747.40	748.00	748.30	748.60		
3873907.00	746.50	746.80	746.80	746.80	747.00
747.40	748.00	748.30	748.60		
3873857.00	746.70	746.90	747.00	747.10	747.40
747.70	748.00	748.30	748.60		
3873807.00	746.60	746.80	747.10	747.40	747.70
748.00	748.30	748.50	748.60		
3873757.00	746.80	746.80	747.20	747.70	748.00
748.10	748.40	748.60	748.70		
3873707.00	747.00	747.40	747.70	748.00	748.30
748.60	748.60	748.80	748.90		
3873657.00	747.20	747.70	748.00	748.30	748.50
748.80	748.90	749.10	749.20		
3873607.00	747.70	748.20	748.40	748.70	749.00
749.00	749.20	749.30	749.50		
3873557.00	748.20	748.60	749.00	749.20	749.50
749.50	749.50	749.70	749.80		
3873507.00	748.80	749.00	749.20	749.70	749.80
749.80	749.80	750.00	750.20		
3873457.00	749.00	749.20	749.50	749.80	750.00
749.90	750.10	750.40	750.60		
3873407.00	749.50	749.70	749.80	750.10	750.30
750.40	750.40	750.70	751.00		
3873357.00	749.80	749.90	750.10	750.40	750.60
750.90	750.90	751.20	751.50		
3873307.00	750.20	750.40	750.50	750.80	750.90
751.20	751.40	751.70	751.80		
3873257.00	750.70	750.90	751.00	751.00	751.20
751.40	751.60	751.80	752.20		
3873207.00	751.00	751.00	751.00	751.00	751.80
752.00	752.00	752.00	752.70		
3873157.00	751.00	751.00	751.50	752.00	752.00
752.00	752.00	752.00	753.00		
3873107.00	751.90	751.90	752.00	752.00	752.00
752.00	752.00	752.90	753.00		
3873057.00	752.00	752.00	752.00	752.60	752.60
752.60	753.00	753.00	753.60		
3873007.00	752.30	752.70	753.00	753.00	753.20
753.30	753.30	754.00	754.00		
3872957.00	753.00	753.00	753.20	753.90	754.00

754.00	754.00	754.00	754.20			
3872907.00		753.60	754.00	754.00	754.00	754.00
754.60		754.60	755.00	755.00		
3872857.00		754.00	754.20	754.30	754.90	755.00
755.10		755.30	755.30	755.30		
3872807.00		754.90	755.00	755.00	755.00	755.60
756.00		756.00	756.00	756.00		
3872757.00		755.00	755.40	755.70	756.00	756.00
756.00		756.00	756.60	756.60		
3872707.00		756.00	756.00	756.00	756.30	756.30
757.00		757.00	757.00	757.10		
3872657.00		756.00	756.00	756.90	757.00	757.00
757.00		757.90	757.90	758.00		
3872607.00		757.00	757.00	757.20	757.60	757.80
758.00		758.00	758.00	758.00		
3872557.00		758.00	758.00	758.00	758.00	758.00
758.10		758.30	759.00	759.00		

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*** AERMOD - VERSION 19191 ***      ***
***                                ***
***                                09/10/20
*** AERMET - VERSION 14134 ***      ***
***                                ***
***                                07:21:22

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\*\*\* NETWORK ID: BORON ; NETWORK TYPE: GRIDCART

\*\*\*

\* ELEVATION HEIGHTS IN METERS \*

Y-COORD (METERS)		441307.60	441357.60	441407.60	441457.60	X-COORD (METERS)
3874057.00		749.10	749.20	749.40	749.70	
3874007.00		748.90	749.10	749.20	749.20	
3873957.00		748.70	748.90	749.10	749.20	
3873907.00		748.60	748.90	749.00	749.20	
3873857.00		748.90	748.90	749.00	749.20	
3873807.00		748.90	748.90	749.10	749.20	
3873757.00		748.90	749.10	749.20	749.20	
3873707.00		749.20	749.20	749.20	749.50	
3873657.00		749.40	749.40	749.50	749.50	
3873607.00		749.60	749.80	749.90	749.90	
3873557.00		750.10	750.10	750.40	750.40	
3873507.00		750.30	750.60	750.60	750.90	
3873457.00		750.80	751.10	751.10	751.20	
3873407.00		751.30	751.60	751.70	751.90	
3873357.00		751.80	752.20	752.40	752.40	

3873307.00	752.30	752.70	752.90	752.90
3873257.00	752.50	752.80	752.90	753.20
3873207.00	753.00	753.40	753.70	754.00
3873157.00	753.00	753.60	754.00	754.30
3873107.00	753.00	754.00	754.20	755.00
3873057.00	754.00	754.00	754.70	755.00
3873007.00	754.00	754.70	755.10	755.90
3872957.00	754.90	755.00	756.00	756.00
3872907.00	755.00	755.40	756.00	756.00
3872857.00	755.90	756.00	756.00	756.30
3872807.00	756.00	756.00	756.90	757.00
3872757.00	756.60	757.00	757.60	758.00
3872707.00	757.30	757.70	758.00	758.30
3872657.00	758.00	758.00	758.20	759.00
3872607.00	758.60	758.60	759.00	759.60
3872557.00	759.00	759.20	759.50	760.00

\*\*\* AERMOD - VERSION 19191 \*\*\*  
 \*\*\* 09/10/20  
 \*\*\* AERMET - VERSION 14134 \*\*\*  
 \*\*\* 07:21:22

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\*\*\* NETWORK ID: BORON ; NETWORK TYPE: GRIDCART

\*\*\*

\* HILL HEIGHT SCALES IN METERS \*

Y-COORD (METERS)	X-COORD (METERS)				
	439957.60	440007.60	440057.60	440107.60	440157.60
440207.60	440257.60	440307.60	440357.60		

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3874057.00	743.90	743.90	743.90	743.90	744.00
744.30	744.60	744.90	745.20		
3874007.00	743.40	743.40	743.70	743.70	743.70
743.70	744.60	744.90	744.90		
3873957.00	743.40	743.40	743.70	743.70	743.80
744.00	744.60	744.80	744.90		
3873907.00	743.40	743.60	743.80	744.00	744.10
744.30	744.60	744.90	745.00		
3873857.00	743.70	743.70	744.00	744.30	744.50
744.60	744.90	744.90	745.20		
3873807.00	743.70	744.00	744.20	744.50	744.70
744.80	744.90	745.10	745.30		
3873757.00	744.10	744.30	744.50	744.70	744.90
745.00	745.20	745.30	745.50		
3873707.00	744.30	744.60	744.70	744.90	745.10

745.30	745.50	745.50	745.80			
3873657.00		744.60	744.90	744.90	745.10	745.30
745.50		745.70	746.00	746.10		
3873607.00		744.90	745.00	745.30	745.30	745.60
745.70		745.90	746.20	746.30		
3873557.00		744.90	745.20	745.50	745.50	745.80
745.90		746.10	746.60	746.70		
3873507.00		745.20	745.50	745.80	746.00	746.10
746.30		746.40	746.60	747.00		
3873457.00		745.50	745.80	746.00	746.20	746.40
746.50		746.50	746.70	747.20		
3873407.00		745.80	746.10	746.40	746.50	746.60
746.80		747.00	747.00	747.40		
3873357.00		746.10	746.40	746.60	746.80	746.90
747.00		747.40	747.70	748.20		
3873307.00		746.40	746.70	746.80	747.00	747.20
747.50		747.70	748.40	749.00		
3873257.00		746.70	746.90	747.10	747.40	747.50
747.70		748.00	748.60	749.80		
3873207.00		747.60	748.00	748.00	748.00	748.60
749.00		749.60	749.80	750.00		
3873157.00		748.00	748.00	748.10	748.90	749.00
750.00		750.00	750.00	750.00		
3873107.00		748.00	748.90	749.00	749.00	749.60
750.00		750.00	750.00	750.20		
3873057.00		749.00	749.00	749.00	749.60	750.00
750.00		750.60	750.80	751.00		
3873007.00		750.00	750.00	750.00	750.00	750.20
750.50		751.00	751.00	751.30		
3872957.00		750.00	750.00	750.20	750.90	751.00
751.00		751.00	751.90	752.00		
3872907.00		751.00	751.00	751.00	751.00	751.60
751.70		752.00	752.00	752.20		
3872857.00		751.30	751.30	752.00	752.00	752.00
752.10		752.30	753.00	753.00		
3872807.00		752.00	752.00	752.00	752.00	752.90
753.00		753.00	753.60	753.90		
3872757.00		752.60	752.60	753.00	753.00	753.40
753.60		754.00	754.00	754.00		
3872707.00		753.00	753.30	753.50	754.00	754.00
754.00		754.00	754.30	755.00		
3872657.00		753.90	754.00	754.00	754.90	754.90
754.90		754.90	755.00	755.00		
3872607.00		754.00	754.80	755.20	755.60	755.60
755.00		755.60	755.60	755.70		
3872557.00		755.00	755.60	756.00	756.00	756.00
756.00		756.00	756.00	756.10		

\*\*\* AERMOD - VERSION 19191 \*\*\*

\*\*\* 09/10/20

\*\*\* AERMET - VERSION 14134 \*\*\*

\*\*\* 07:21:22

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\*\*\* NETWORK ID: BORON ; NETWORK TYPE: GRIDCART

\*\*\*

\* HILL HEIGHT SCALES IN METERS \*

Y-COORD (METERS)					X-COORD (METERS)	
	440407.60	440457.60	440507.60	440557.60	440607.60	
440657.60	440707.60	440757.60	440807.60			

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3874057.00	745.20	745.40	745.50	745.50	745.50	
745.60	745.80	746.20	746.40			
3874007.00	745.20	745.20	745.20	745.50	745.50	
745.50	745.80	746.00	746.20			
3873957.00	745.20	745.20	745.20	745.50	745.50	
745.60	745.80	746.00	746.20			
3873907.00	745.20	745.30	745.40	745.50	745.60	
745.80	745.90	746.20	746.30			
3873857.00	745.20	745.50	745.50	745.80	745.80	
745.90	746.10	746.20	746.50			
3873807.00	745.50	745.70	745.80	746.00	746.10	
746.20	746.20	746.30	746.50			
3873757.00	745.60	745.90	746.00	746.20	746.20	
746.20	746.40	746.50	746.60			
3873707.00	745.80	746.10	746.20	746.40	746.50	
746.70	746.50	746.50	746.80			
3873657.00	746.30	746.30	746.50	746.50	746.70	
746.80	746.80	746.80	746.80			
3873607.00	746.50	746.80	746.80	746.80	747.00	
747.20	747.20	747.20	747.30			
3873557.00	746.80	746.90	747.10	747.40	747.40	
747.70	747.70	747.70	748.00			
3873507.00	747.20	747.30	747.60	747.70	747.90	
748.00	748.20	748.20	748.50			
3873457.00	747.40	747.80	748.10	748.10	748.40	
748.40	748.60	748.70	748.90			
3873407.00	747.90	748.30	748.60	748.60	748.80	
748.90	748.90	749.20	749.30			
3873357.00	748.50	748.80	749.10	749.10	749.20	
749.20	749.40	749.60	749.70			
3873307.00	749.30	749.30	749.60	749.60	749.60	
749.60	749.80	749.90	750.10			
3873257.00	749.80	749.80	749.90	750.10	750.10	
750.10	750.10	750.40	750.50			

3873207.00		750.00	750.00	750.00	750.00	750.60
751.00		751.00	751.00	751.00		
3873157.00		750.00	750.20	750.50	751.00	751.00
751.00		751.00	751.00			
3873107.00		750.90	751.00	751.00	751.00	751.00
751.00		751.00	751.00	751.00		
3873057.00		751.00	751.00	751.60	751.60	751.60
751.60		751.60	751.60	752.00		
3873007.00		751.90	752.00	752.00	752.00	752.00
752.00		752.00	752.00	752.10		
3872957.00		752.00	752.00	752.00	752.00	752.00
752.00		752.90	752.90	753.00		
3872907.00		752.60	752.80	753.00	753.00	753.00
753.00		753.00	753.00	753.60		
3872857.00		753.00	753.30	753.30	753.30	753.70
754.00		754.00	754.00	754.00		
3872807.00		753.90	754.00	754.00	754.00	754.00
754.00		754.00	754.00	754.20		
3872757.00		754.00	754.60	754.60	754.60	754.60
755.00		755.00	755.00	755.00		
3872707.00		755.00	755.30	755.30	755.30	755.30
755.30		755.30	755.70	756.00		
3872657.00		755.90	756.00	756.00	756.00	756.00
756.00		756.00	756.00	756.00		
3872607.00		756.00	756.40	756.60	756.60	756.60
756.60		756.60	756.60	757.00		
3872557.00		756.30	757.00	757.10	757.30	757.30
757.30		757.30	757.30	757.50		

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*** AERMOD - VERSION 19191 ***   ***
                        ***       09/10/20
*** AERMET - VERSION 14134 ***   ***
                        ***       07:21:22

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\*\*\* MODELOPTs: RegDFault CONC ELEV FLGPOL RURAL

\*\*\* NETWORK ID: BORON ; NETWORK TYPE: GRIDCART

\*\*\*

\* HILL HEIGHT SCALES IN METERS \*

Y-COORD					X-COORD (METERS)	
(METERS)		440857.60	440907.60	440957.60	441007.60	441057.60
441107.60		441157.60	441207.60	441257.60		

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3874057.00		746.80	746.80	747.00	747.00	747.20
747.80		748.30	748.70	749.00		
3874007.00		746.50	746.80	746.50	746.80	747.00

747.50	748.00	748.50	748.70			
3873957.00		746.50	746.50	746.50	746.70	746.90
747.40	748.00	748.30	748.60			
3873907.00		746.50	746.80	746.80	746.80	747.00
747.40	748.00	748.30	748.60			
3873857.00		746.70	746.90	747.00	747.10	747.40
747.70	748.00	748.30	748.60			
3873807.00		746.60	746.80	747.10	747.40	747.70
748.00	748.30	748.50	748.60			
3873757.00		746.80	746.80	747.20	747.70	748.00
748.10	748.40	748.60	748.70			
3873707.00		747.00	747.40	747.70	748.00	748.30
748.60	748.60	748.80	748.90			
3873657.00		747.20	747.70	748.00	748.30	748.50
748.80	748.90	749.10	749.20			
3873607.00		747.70	748.20	748.40	748.70	749.00
749.00	749.20	749.30	749.50			
3873557.00		748.20	748.60	749.00	749.20	749.50
749.50	749.50	749.70	749.80			
3873507.00		748.80	749.00	749.20	749.70	749.80
749.80	749.80	750.00	750.20			
3873457.00		749.00	749.20	749.50	749.80	750.00
749.90	750.10	750.40	750.60			
3873407.00		749.50	749.70	749.80	750.10	750.30
750.40	750.40	750.70	751.00			
3873357.00		749.80	749.90	750.10	750.40	750.60
750.90	750.90	751.20	751.50			
3873307.00		750.20	750.40	750.50	750.80	750.90
751.20	751.40	751.70	751.80			
3873257.00		750.70	750.90	751.00	751.00	751.20
751.40	751.60	751.80	752.20			
3873207.00		751.00	751.00	751.00	751.00	751.80
752.00	752.00	752.00	752.70			
3873157.00		751.00	751.00	751.50	752.00	752.00
752.00	752.00	752.00	753.00			
3873107.00		751.90	751.90	752.00	752.00	752.00
752.00	752.00	752.90	753.00			
3873057.00		752.00	752.00	752.00	752.60	752.60
752.60	753.00	753.00	753.60			
3873007.00		752.30	752.70	753.00	753.00	753.20
753.30	753.30	754.00	754.00			
3872957.00		753.00	753.00	753.20	753.90	754.00
754.00	754.00	754.00	754.20			
3872907.00		753.60	754.00	754.00	754.00	754.00
754.60	754.60	755.00	755.00			
3872857.00		754.00	754.20	754.30	754.90	755.00
755.10	755.30	755.30	755.30			
3872807.00		754.90	755.00	755.00	755.00	755.60
756.00	756.00	756.00	756.00			
3872757.00		755.00	755.40	755.70	756.00	756.00



756.00	756.00	756.60	756.60			
3872707.00		756.00	756.00	756.00	756.30	756.30
757.00		757.00	757.00	757.10		
3872657.00		756.00	756.00	756.90	757.00	757.00
757.00		757.90	757.90	758.00		
3872607.00		757.00	757.00	757.20	757.60	757.80
758.00		758.00	758.00	758.00		
3872557.00		758.00	758.00	758.00	758.00	758.00
758.10		758.30	759.00	759.00		

\*\*\* AERMOD - VERSION 19191 \*\*\* \*\*  
 \*\*\* 09/10/20

\*\*\* AERMET - VERSION 14134 \*\*\* \*\*  
 \*\*\* 07:21:22

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\*\*\* NETWORK ID: BORON ; NETWORK TYPE: GRIDCART

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\* HILL HEIGHT SCALES IN METERS \*

Y-COORD (METERS)		441307.60	441357.60	441407.60	X-COORD (METERS)	441457.60
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3874057.00		749.10	749.20	749.40	749.70
3874007.00		748.90	749.10	749.20	749.20
3873957.00		748.70	748.90	749.10	749.20
3873907.00		748.60	748.90	749.00	749.20
3873857.00		748.90	748.90	749.00	749.20
3873807.00		748.90	748.90	749.10	749.20
3873757.00		748.90	749.10	749.20	749.20
3873707.00		749.20	749.20	749.20	749.50
3873657.00		749.40	749.40	749.50	749.50
3873607.00		749.60	749.80	749.90	749.90
3873557.00		750.10	750.10	750.40	750.40
3873507.00		750.30	750.60	750.60	750.90
3873457.00		750.80	751.10	751.10	751.20
3873407.00		751.30	751.60	751.70	751.90
3873357.00		751.80	752.20	752.40	752.40
3873307.00		752.30	752.70	752.90	752.90
3873257.00		752.50	752.80	752.90	753.20
3873207.00		753.00	753.40	753.70	754.00
3873157.00		753.00	753.60	754.00	754.30
3873107.00		753.00	754.00	754.20	755.00
3873057.00		754.00	754.00	754.70	755.00
3873007.00		754.00	754.70	755.10	755.90
3872957.00		754.90	755.00	756.00	756.00

3872907.00	755.00	755.40	756.00	756.00
3872857.00	755.90	756.00	756.00	756.30
3872807.00	756.00	756.00	756.90	757.00
3872757.00	756.60	757.00	757.60	758.00
3872707.00	757.30	757.70	758.00	758.30
3872657.00	758.00	758.00	758.20	759.00
3872607.00	758.60	758.60	759.00	759.60
3872557.00	759.00	759.20	759.50	760.00

\*\*\* AERMOD - VERSION 19191 \*\*\*  
 \*\*\* 09/10/20

\*\*\* AERMET - VERSION 14134 \*\*\*  
 \*\*\* 07:21:22

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\*\*\* NETWORK ID: BORON ; NETWORK TYPE: GRIDCART

\*\*\*

\* RECEPTOR FLAGPOLE HEIGHTS IN METERS \*

Y-COORD (METERS)	X-COORD (METERS)					
	439957.60	440007.60	440057.60	440107.60	440157.60	
440207.60	440257.60	440307.60	440357.60			

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3874057.00	1.20	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20		
3874007.00	1.20	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20		
3873957.00	1.20	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20		
3873907.00	1.20	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20		
3873857.00	1.20	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20		
3873807.00	1.20	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20		
3873757.00	1.20	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20		
3873707.00	1.20	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20		
3873657.00	1.20	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20		
3873607.00	1.20	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20		
3873557.00	1.20	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20		
3873507.00	1.20	1.20	1.20	1.20	1.20	1.20

1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20
3873457.00	1.20	1.20	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20
3873407.00	1.20	1.20	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20
3873357.00	1.20	1.20	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20
3873307.00	1.20	1.20	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20
3873257.00	1.20	1.20	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20
3873207.00	1.20	1.20	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20
3873157.00	1.20	1.20	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20
3873107.00	1.20	1.20	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20
3873057.00	1.20	1.20	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20
3873007.00	1.20	1.20	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20
3872957.00	1.20	1.20	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20
3872907.00	1.20	1.20	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20
3872857.00	1.20	1.20	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20
3872807.00	1.20	1.20	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20
3872757.00	1.20	1.20	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20
3872707.00	1.20	1.20	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20
3872657.00	1.20	1.20	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20
3872607.00	1.20	1.20	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20
3872557.00	1.20	1.20	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20

\*\*\* AERMOD - VERSION 19191 \*\*\*  
 \*\*\* 09/10/20

\*\*\* AERMET - VERSION 14134 \*\*\*  
 \*\*\* 07:21:22

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* NETWORK ID: BORON ; NETWORK TYPE: GRIDCART

\*\*\*

\* RECEPTOR FLAGPOLE HEIGHTS IN METERS \*

Y-COORD (METERS)	X-COORD (METERS)				
	440407.60	440457.60	440507.60	440557.60	440607.60
440657.60	440707.60	440757.60	440807.60		
3874057.00	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20	1.20
3874007.00	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20	1.20
3873957.00	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20	1.20
3873907.00	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20	1.20
3873857.00	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20	1.20
3873807.00	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20	1.20
3873757.00	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20	1.20
3873707.00	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20	1.20
3873657.00	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20	1.20
3873607.00	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20	1.20
3873557.00	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20	1.20
3873507.00	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20	1.20
3873457.00	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20	1.20
3873407.00	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20	1.20
3873357.00	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20	1.20
3873307.00	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20	1.20
3873257.00	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20	1.20
3873207.00	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20	1.20
3873157.00	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20	1.20
3873107.00	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20	1.20
3873057.00	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20	1.20

3873007.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3872957.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3872907.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3872857.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3872807.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3872757.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3872707.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3872657.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3872607.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3872557.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		

\*\*\* AERMOD - VERSION 19191 \*\*\*  
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\*\*\* AERMET - VERSION 14134 \*\*\*  
 \*\*\* 07:21:22

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* NETWORK ID: BORON ; NETWORK TYPE: GRIDCART

\*\*\*

\* RECEPTOR FLAGPOLE HEIGHTS IN METERS \*

Y-COORD							
(METERS)		440857.60	440907.60	440957.60	441007.60	441057.60	
441107.60		441157.60	441207.60	441257.60			

3874057.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3874007.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3873957.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3873907.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3873857.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3873807.00		1.20	1.20	1.20	1.20	1.20	1.20



1.20            1.20            1.20            1.20  
 \*\*\* AERMOD - VERSION 19191 \*\*\*    \*\*\*  
                                  \*\*\*            09/10/20  
 \*\*\* AERMET - VERSION 14134 \*\*\*    \*\*\*  
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\*\*\* MODELOPTs:    RegDFault    CONC    ELEV    FLGPOL    RURAL

\*\*\* NETWORK ID: BORON    ;    NETWORK TYPE: GRIDCART

\*\*\*

\* RECEPTOR FLAGPOLE HEIGHTS IN METERS \*

Y-COORD (METERS)	441307.60	441357.60	441407.60	X-COORD (METERS) 441457.60
3874057.00	1.20	1.20	1.20	1.20
3874007.00	1.20	1.20	1.20	1.20
3873957.00	1.20	1.20	1.20	1.20
3873907.00	1.20	1.20	1.20	1.20
3873857.00	1.20	1.20	1.20	1.20
3873807.00	1.20	1.20	1.20	1.20
3873757.00	1.20	1.20	1.20	1.20
3873707.00	1.20	1.20	1.20	1.20
3873657.00	1.20	1.20	1.20	1.20
3873607.00	1.20	1.20	1.20	1.20
3873557.00	1.20	1.20	1.20	1.20
3873507.00	1.20	1.20	1.20	1.20
3873457.00	1.20	1.20	1.20	1.20
3873407.00	1.20	1.20	1.20	1.20
3873357.00	1.20	1.20	1.20	1.20
3873307.00	1.20	1.20	1.20	1.20
3873257.00	1.20	1.20	1.20	1.20
3873207.00	1.20	1.20	1.20	1.20
3873157.00	1.20	1.20	1.20	1.20
3873107.00	1.20	1.20	1.20	1.20
3873057.00	1.20	1.20	1.20	1.20
3873007.00	1.20	1.20	1.20	1.20
3872957.00	1.20	1.20	1.20	1.20
3872907.00	1.20	1.20	1.20	1.20
3872857.00	1.20	1.20	1.20	1.20
3872807.00	1.20	1.20	1.20	1.20
3872757.00	1.20	1.20	1.20	1.20
3872707.00	1.20	1.20	1.20	1.20
3872657.00	1.20	1.20	1.20	1.20
3872607.00	1.20	1.20	1.20	1.20
3872557.00	1.20	1.20	1.20	1.20

\*\*\* AERMOD - VERSION 19191 \*\*\* \*\*\*  
\*\*\* 09/10/20  
\*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*  
\*\*\* 07:21:22

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

( 440683.0, 3872824.0, 754.0, 754.0, 1.2);	( 440288.0,
3872787.0, 753.6, 753.6, 1.2);	
( 440157.3, 3872789.0, 753.0, 753.0, 1.2);	( 439914.6,
3872794.0, 752.0, 752.0, 1.2);	
( 442261.3, 3871403.0, 775.0, 775.0, 1.2);	( 442263.6,
3871503.0, 774.1, 774.1, 1.2);	
( 442265.8, 3871603.0, 773.1, 773.1, 1.2);	( 442268.0,
3871703.0, 772.0, 772.0, 1.2);	
( 442270.3, 3871803.0, 770.4, 770.4, 1.2);	( 442272.5,
3871903.0, 769.0, 769.0, 1.2);	
( 442274.7, 3872003.0, 768.8, 768.8, 1.2);	( 442276.9,
3872103.0, 768.0, 768.0, 1.2);	
( 442279.2, 3872203.0, 768.0, 768.0, 1.2);	( 442281.4,
3872303.0, 767.0, 767.0, 1.2);	
( 442283.6, 3872403.0, 765.7, 765.7, 1.2);	( 442284.2,
3872428.0, 765.3, 765.3, 1.2);	
( 442184.3, 3872431.0, 764.6, 764.6, 1.2);	( 442084.3,
3872435.0, 764.3, 764.3, 1.2);	
( 441984.4, 3872438.0, 764.0, 764.0, 1.2);	( 441884.4,
3872441.0, 763.3, 763.3, 1.2);	
( 441784.5, 3872445.0, 763.0, 763.0, 1.2);	( 441684.5,
3872448.0, 762.0, 762.0, 1.2);	
( 441584.6, 3872451.0, 762.0, 762.0, 1.2);	( 441487.6,
3872455.0, 761.0, 761.0, 1.2);	
( 441485.0, 3872355.0, 762.0, 762.0, 1.2);	( 441482.4,
3872255.0, 762.0, 762.0, 1.2);	
( 441482.3, 3872248.0, 762.0, 762.0, 1.2);	( 441382.3,
3872252.0, 761.2, 761.2, 1.2);	
( 441283.6, 3872255.0, 761.0, 761.0, 1.2);	( 441281.3,
3872155.0, 761.7, 761.7, 1.2);	
( 441279.0, 3872055.0, 763.0, 763.0, 1.2);	( 441276.7,
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( 441274.3, 3871855.0, 766.0, 766.0, 1.2);	( 441274.1,
3871844.0, 766.0, 766.0, 1.2);	
( 441174.1, 3871847.0, 766.0, 766.0, 1.2);	( 441074.2,
3871850.0, 766.7, 766.7, 1.2);	
( 440974.2, 3871853.0, 766.8, 766.8, 1.2);	( 440874.3,
3871856.0, 766.6, 766.6, 1.2);	



( 440774.3, 3871859.0, 766.5, 766.5, 1.2); ( 440676.3,  
3871862.0, 766.0, 766.0, 1.2);  
( 440674.0, 3871762.0, 768.0, 768.0, 1.2); ( 440671.7,  
3871662.0, 768.0, 768.0, 1.2);  
( 440669.3, 3871562.0, 768.4, 768.4, 1.2); ( 440667.0,  
3871463.0, 770.4, 770.4, 1.2);  
( 440666.8, 3871450.0, 770.6, 770.6, 1.2); ( 440766.7,  
3871447.0, 771.0, 771.0, 1.2);  
( 440866.7, 3871444.0, 771.0, 771.0, 1.2); ( 440966.6,  
3871441.0, 771.5, 771.5, 1.2);  
( 441066.6, 3871438.0, 771.6, 771.6, 1.2); ( 441166.5,  
3871435.0, 771.7, 771.7, 1.2);  
( 441266.5, 3871432.0, 771.0, 771.0, 1.2); ( 441366.4,  
3871429.0, 770.0, 770.0, 1.2);  
( 441466.4, 3871426.0, 770.0, 770.0, 1.2); ( 441566.4,  
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( 441666.3, 3871420.0, 771.2, 771.2, 1.2); ( 441766.3,  
3871417.0, 771.3, 771.3, 1.2);  
( 441866.2, 3871415.0, 771.7, 771.7, 1.2); ( 441966.2,  
3871412.0, 773.9, 773.9, 1.2);  
( 442066.1, 3871409.0, 774.0, 774.0, 1.2); ( 442166.1,  
3871406.0, 774.8, 774.8, 1.2);  
( 440693.2, 3872567.0, 757.0, 757.0, 1.2); ( 440695.7,  
3872667.0, 756.0, 756.0, 1.2);  
( 440696.3, 3872690.0, 755.8, 755.8, 1.2); ( 440596.3,  
3872692.0, 755.8, 755.8, 1.2);  
( 440496.3, 3872695.0, 755.7, 755.7, 1.2); ( 440495.4,  
3872695.0, 755.7, 755.7, 1.2);  
( 440496.8, 3872723.0, 755.0, 755.0, 1.2); ( 440396.8,  
3872722.0, 754.8, 754.8, 1.2);  
( 440296.8, 3872722.0, 754.0, 754.0, 1.2); ( 440196.8,  
3872721.0, 754.0, 754.0, 1.2);  
( 440096.8, 3872720.0, 753.8, 753.8, 1.2); ( 439996.8,  
3872720.0, 753.0, 753.0, 1.2);  
( 439896.8, 3872719.0, 752.9, 752.9, 1.2); ( 439887.7,  
3872719.0, 752.9, 752.9, 1.2);  
( 439885.9, 3872619.0, 754.0, 754.0, 1.2); ( 439885.1,  
3872574.0, 754.0, 754.0, 1.2);  
( 439985.1, 3872573.0, 755.0, 755.0, 1.2); ( 440085.1,  
3872572.0, 756.0, 756.0, 1.2);  
( 440185.1, 3872571.0, 755.9, 755.9, 1.2); ( 440285.1,  
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( 440385.1, 3872570.0, 756.0, 756.0, 1.2); ( 440485.1,  
3872569.0, 757.0, 757.0, 1.2);  
( 440585.1, 3872568.0, 757.0, 757.0, 1.2); ( 440685.1,  
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( 440685.7, 3872275.0, 761.0, 761.0, 1.2); ( 440688.3,  
3872375.0, 760.0, 760.0, 1.2);  
( 440690.8, 3872475.0, 758.0, 758.0, 1.2); ( 440692.0,  
3872520.0, 758.0, 758.0, 1.2);





09 01 01	1 01	-7.2	0.093	-9.000	-9.000	-999.	68.	9.4	0.23	1.50
1.00	1.76	301.	10.0	272.0	2.0					
09 01 01	1 02	-7.2	0.093	-9.000	-9.000	-999.	68.	9.4	0.23	1.50
1.00	1.76	358.	10.0	271.4	2.0					
09 01 01	1 03	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.17	1.50
1.00	0.00	0.	10.0	271.4	2.0					
09 01 01	1 04	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.17	1.50
1.00	0.00	0.	10.0	270.9	2.0					
09 01 01	1 05	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.17	1.50
1.00	0.00	0.	10.0	270.4	2.0					
09 01 01	1 06	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.17	1.50
1.00	0.00	0.	10.0	269.9	2.0					
09 01 01	1 07	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.17	1.50
1.00	0.00	0.	10.0	269.9	2.0					
09 01 01	1 08	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.17	1.50
0.57	0.00	0.	10.0	272.0	2.0					
09 01 01	1 09	22.5	-9.000	-9.000	-9.000	55.	-999.	-99999.0	0.17	1.50
0.33	0.00	0.	10.0	274.2	2.0					
09 01 01	1 10	79.0	-9.000	-9.000	-9.000	129.	-999.	-99999.0	0.17	1.50
0.25	0.00	0.	10.0	277.0	2.0					
09 01 01	1 11	118.9	-9.000	-9.000	-9.000	218.	-999.	-99999.0	0.17	1.50
0.22	0.00	0.	10.0	279.9	2.0					
09 01 01	1 12	138.4	0.200	1.096	0.009	319.	215.	-4.9	0.07	1.50
0.22	1.76	116.	10.0	281.4	2.0					
09 01 01	1 13	137.1	0.194	1.208	0.008	430.	205.	-4.5	0.06	1.50
0.22	1.76	173.	10.0	283.1	2.0					
09 01 01	1 14	115.2	-9.000	-9.000	-9.000	536.	-999.	-99999.0	0.17	1.50
0.23	0.00	0.	10.0	285.4	2.0					
09 01 01	1 15	73.1	-9.000	-9.000	-9.000	625.	-999.	-99999.0	0.17	1.50
0.26	0.00	0.	10.0	286.4	2.0					
09 01 01	1 16	14.8	-9.000	-9.000	-9.000	639.	-999.	-99999.0	0.17	1.50
0.36	0.00	0.	10.0	286.1	2.0					
09 01 01	1 17	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.17	1.50
0.64	0.00	0.	10.0	285.1	2.0					
09 01 01	1 18	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.17	1.50
1.00	0.00	0.	10.0	280.1	2.0					
09 01 01	1 19	-10.7	0.116	-9.000	-9.000	-999.	94.	12.0	0.26	1.50
1.00	2.10	284.	10.0	277.1	2.0					
09 01 01	1 20	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.17	1.50
1.00	0.00	0.	10.0	276.1	2.0					
09 01 01	1 21	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.17	1.50
1.00	0.00	0.	10.0	275.1	2.0					
09 01 01	1 22	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.17	1.50
1.00	0.00	0.	10.0	276.1	2.0					
09 01 01	1 23	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.17	1.50
1.00	0.00	0.	10.0	274.1	2.0					
09 01 01	1 24	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.17	1.50
1.00	0.00	0.	10.0	272.1	2.0					



0.02043	0.02129	0.02159	0.02154		
3874261.00	0.01108	0.01262	0.01445	0.01636	0.01831
0.02013	0.02208	0.02414	0.02605		
3873761.00	0.00979	0.01041	0.01131	0.01261	0.01441
0.01674	0.01943	0.02228	0.02518		
3873261.00	0.01053	0.01104	0.01155	0.01212	0.01285
0.01381	0.01522	0.01736	0.02045		
3872761.00	0.01267	0.01323	0.01386	0.01453	0.01533
0.01623	0.01723	0.01840	0.01982		
3872261.00	0.01559	0.01640	0.01729	0.01830	0.01942
0.02068	0.02212	0.02385	0.02586		
3871761.00	0.01569	0.01667	0.01776	0.01895	0.02040
0.02204	0.02389	0.02615	0.02889		
3871261.00	0.01324	0.01406	0.01501	0.01602	0.01726
0.01872	0.02040	0.02248	0.02489		
3870761.00	0.01202	0.01288	0.01394	0.01500	0.01622
0.01757	0.01902	0.02059	0.02225		
3870261.00	0.01234	0.01303	0.01367	0.01429	0.01471
0.01515	0.01536	0.01553	0.01571		
3869761.00	0.01042	0.01044	0.01047	0.01038	0.01031
0.01042	0.01062	0.01110	0.01207		
3869261.00	0.00756	0.00760	0.00771	0.00798	0.00824
0.00884	0.00982	0.01131	0.01378		
3868761.00	0.00630	0.00655	0.00698	0.00759	0.00850
0.00983	0.01172	0.01437	0.01782		
3868261.00	0.00617	0.00679	0.00766	0.00883	0.01033
0.01223	0.01456	0.01743	0.02072		
3867761.00	0.00709	0.00811	0.00934	0.01078	0.01237
0.01416	0.01629	0.01825	0.01958		
3867261.00	0.00864	0.00979	0.01097	0.01214	0.01343
0.01482	0.01573	0.01628	0.01684		
3866761.00	0.01025	0.01112	0.01220	0.01281	0.01324
0.01347	0.01375	0.01449	0.01543		
3866261.00	0.01111	0.01174	0.01199	0.01176	0.01160
0.01192	0.01272	0.01303	0.01113		
3865761.00	0.01112	0.01086	0.01035	0.01011	0.01055
0.01131	0.01147	0.00998	0.00656		
3865261.00	0.00950	0.00900	0.00900	0.00962	0.01016
0.01011	0.00891	0.00658	0.00520		
3864761.00	0.00792	0.00820	0.00881	0.00925	0.00894
0.00803	0.00622	0.00577	0.00507		

\*\*\* AERMOD - VERSION 19191 \*\*\* \*\*

\*\*\* 09/10/20

\*\*\* AERMET - VERSION 14134 \*\*\* \*\*

\*\*\* 07:21:22

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION

VALUES FOR SOURCE GROUP: 1001A

\*\*\*

INCLUDING SOURCE(S): 1001A ,

\*\*\* NETWORK ID: COURSE ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD (METERS)				X-COORD (METERS)	
	435233.00	435733.00	436233.00	436733.00	437233.00
437733.00	438233.00	438733.00	439233.00		

3879761.00	0.01990	0.02402	0.02883	0.03155	0.03337
0.03573	0.03882	0.04355	0.04529		
3879261.00	0.01918	0.02235	0.02838	0.03255	0.03404
0.03770	0.04070	0.04494	0.04895		
3878761.00	0.01898	0.02225	0.02655	0.03252	0.03679
0.03979	0.04227	0.04634	0.05227		
3878261.00	0.01905	0.02143	0.02550	0.02932	0.03373
0.03812	0.04417	0.04800	0.05439		
3877761.00	0.01735	0.02021	0.02369	0.02539	0.02956
0.03634	0.04591	0.05042	0.05632		
3877261.00	0.01660	0.01901	0.02250	0.02685	0.03151
0.03953	0.04680	0.05356	0.05884		
3876761.00	0.01711	0.01851	0.02111	0.02542	0.03156
0.03819	0.04614	0.05568	0.06306		
3876261.00	0.01753	0.01912	0.02096	0.02376	0.02945
0.03646	0.04459	0.05605	0.07011		
3875761.00	0.01723	0.01902	0.02132	0.02405	0.02743
0.03422	0.04441	0.05612	0.07533		
3875261.00	0.01792	0.01923	0.02102	0.02395	0.02785
0.03229	0.04191	0.05629	0.07522		
3874761.00	0.02143	0.02173	0.02289	0.02433	0.02723
0.03249	0.03955	0.05386	0.07536		
3874261.00	0.02728	0.02770	0.02775	0.02878	0.03040
0.03280	0.03916	0.04969	0.07217		
3873761.00	0.02839	0.03193	0.03502	0.03711	0.03864
0.04102	0.04366	0.05103	0.06595		
3873261.00	0.02451	0.02919	0.03426	0.03997	0.04570
0.05069	0.05681	0.06432	0.07665		
3872761.00	0.02171	0.02449	0.02883	0.03539	0.04434
0.05462	0.06552	0.07646	0.09342		
3872261.00	0.02830	0.03122	0.03471	0.03908	0.04500
0.05385	0.06818	0.09150	0.12684		
3871761.00	0.03215	0.03619	0.04127	0.04771	0.05621
0.06774	0.08370	0.10698	0.14390		
3871261.00	0.02781	0.03127	0.03523	0.04031	0.04686

0.05544	0.06675	0.08082	0.11064		
3870761.00		0.02394	0.02569	0.02750	0.02963 0.03344
0.03773	0.04793	0.07011	0.10857		
3870261.00		0.01610	0.01698	0.01881	0.02256 0.02983
0.04311	0.06234	0.07993	0.08862		
3869761.00		0.01385	0.01697	0.02213	0.03049 0.04164
0.05152	0.05456	0.05564	0.05675		
3869261.00		0.01748	0.02280	0.02993	0.03713 0.04014
0.02628	0.02152	0.03456	0.04361		
3868761.00		0.02230	0.02732	0.03061	0.03129 0.02764
0.01875	0.01596	0.02278	0.03140		
3868261.00		0.02358	0.02484	0.02525	0.02205 0.01323
0.00969	0.00932	0.01521	0.02043		
3867761.00		0.02019	0.02085	0.01767	0.01134 0.00876
0.00726	0.00809	0.01184	0.01410		
3867261.00		0.01770	0.01587	0.01012	0.00822 0.00632
0.00643	0.00724	0.00945	0.00963		
3866761.00		0.01267	0.00827	0.00696	0.00584 0.00558
0.00643	0.00703	0.00731	0.00727		
3866261.00		0.00752	0.00638	0.00501	0.00514 0.00562
0.00598	0.00600	0.00586	0.00599		
3865761.00		0.00531	0.00457	0.00457	0.00501 0.00552
0.00537	0.00512	0.00495	0.00512		
3865261.00		0.00441	0.00414	0.00457	0.00508 0.00527
0.00491	0.00466	0.00459	0.00446		
3864761.00		0.00400	0.00427	0.00479	0.00487 0.00487
0.00450	0.00435	0.00426	0.00412		

\*\*\* AERMOD - VERSION 19191 \*\*\* \*\*  
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1001A \*\*\*

INCLUDING SOURCE(S): 1001A ,

\*\*\* NETWORK ID: COURSE ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD (METERS)	X-COORD (METERS)
442233.00	439733.00 440233.00 440733.00 441233.00 441733.00
442733.00	442733.00 443233.00 443733.00

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3879761.00		0.04721	0.05267	0.05351	0.04179	0.03165
0.02345		0.01820	0.01478	0.01629		
3879261.00		0.05068	0.05575	0.05875	0.04783	0.03575
0.02645		0.02031	0.02002	0.01854		
3878761.00		0.05552	0.05972	0.06526	0.05698	0.04139
0.03254		0.02397	0.01958	0.02123		
3878261.00		0.06041	0.06485	0.07137	0.06539	0.04744
0.03886		0.03426	0.02415	0.02326		
3877761.00		0.06488	0.07062	0.07667	0.07433	0.05571
0.04515		0.04279	0.03366	0.02736		
3877261.00		0.06876	0.07704	0.08453	0.08392	0.06527
0.05285		0.05087	0.04149	0.03376		
3876761.00		0.07315	0.08712	0.09265	0.09397	0.07538
0.06074		0.05738	0.04668	0.04069		
3876261.00		0.07957	0.09420	0.10274	0.10799	0.08577
0.07041		0.06498	0.05334	0.05021		
3875761.00		0.08507	0.10022	0.11649	0.10661	0.08938
0.08295		0.07411	0.06268	0.06262		
3875261.00		0.09647	0.10998	0.12940	0.14322	0.13060
0.09804		0.08679	0.07744	0.07842		
3874761.00		0.10046	0.12125	0.14653	0.16630	0.15560
0.11912		0.10736	0.09988	0.09769		
3874261.00		0.09601	0.13188	0.17514	0.20804	0.20053
0.15500		0.14247	0.13536	0.12241		
3873761.00		0.09490	0.14357	0.21278	0.27733	0.28611
0.22936		0.21180	0.19404	0.16443		
3873261.00		0.10335	0.15848	0.26477	0.40866	0.48850
0.41973		0.36798	0.29519	0.20236		
3872761.00		0.12791	0.20679	0.37746	0.70828	1.23154
1.14105		0.67953	0.34752	0.18696		
3872261.00		0.17589	0.29079	0.73018	2.12416	8.35200
7.18838		0.88795	0.35145	0.18509		
3871761.00		0.21396	0.41687	5.65268	8.03260	8.62791
7.07129		0.77364	0.33712	0.19397		
3871261.00		0.17521	0.32933	0.69689	1.00550	1.13296
0.85902		0.41706	0.25445	0.16395		
3870761.00		0.14827	0.19532	0.25173	0.28963	0.26976
0.28057		0.18201	0.14510	0.12174		
3870261.00		0.10137	0.11376	0.12689	0.13489	0.11805
0.07356		0.05998	0.06771	0.07362		
3869761.00		0.07344	0.08406	0.06808	0.06102	0.06166
0.05075		0.02597	0.03230	0.03164		
3869261.00		0.05369	0.05613	0.04250	0.03639	0.03285
0.02816		0.02130	0.01983	0.01781		
3868761.00		0.03502	0.03484	0.03315	0.02895	0.01866
0.01633		0.01401	0.01423	0.01286		
3868261.00		0.02163	0.02304	0.02584	0.03220	0.02573
0.01667		0.01163	0.01109	0.01147		
3867761.00		0.01352	0.01665	0.02012	0.02459	0.02680

0.02598	0.01613	0.00908	0.00967		
3867261.00	0.01007	0.01299	0.01611	0.01872	0.01993
0.02259	0.01793	0.01142	0.00765		
3866761.00	0.00808	0.00992	0.01232	0.01383	0.01466
0.01676	0.01498	0.01003	0.00753		
3866261.00	0.00630	0.00760	0.00946	0.01038	0.01108
0.01302	0.01213	0.00846	0.00738		
3865761.00	0.00525	0.00636	0.00752	0.00799	0.00827
0.00984	0.00993	0.00728	0.00631		
3865261.00	0.00466	0.00552	0.00641	0.00650	0.00675
0.00795	0.00783	0.00659	0.00544		
3864761.00	0.00445	0.00501	0.00567	0.00556	0.00579
0.00657	0.00667	0.00590	0.00491		

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1001A \*\*\*

INCLUDING SOURCE(S): 1001A ,

\*\*\* NETWORK ID: COURSE ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD					X-COORD (METERS)
(METERS)		444233.00	444733.00	445233.00	445733.00

3879761.00		0.01399	0.01451	0.01480	0.01597
3879261.00		0.01639	0.01643	0.01763	0.01909
3878761.00		0.01935	0.01909	0.02050	0.02271
3878261.00		0.02174	0.02363	0.02572	0.02579
3877761.00		0.02614	0.03027	0.03069	0.02865
3877261.00		0.03355	0.03765	0.03581	0.03175
3876761.00		0.04310	0.04423	0.03973	0.03462
3876261.00		0.05258	0.05051	0.04234	0.03705
3875761.00		0.06315	0.05556	0.04690	0.04372
3875261.00		0.07303	0.06225	0.05620	0.05309
3874761.00		0.08472	0.07480	0.06925	0.06271
3874261.00		0.10624	0.09408	0.07844	0.05987
3873761.00		0.13364	0.09905	0.06863	0.04720
3873261.00		0.12984	0.08217	0.05437	0.03950

3872761.00	0.10877	0.07186	0.05314	0.04204
3872261.00	0.11953	0.08618	0.06613	0.05289
3871761.00	0.12974	0.09495	0.07304	0.05824
3871261.00	0.10915	0.07902	0.06197	0.05077
3870761.00	0.09487	0.07134	0.05687	0.04143
3870261.00	0.07388	0.06394	0.04593	0.04031
3869761.00	0.03981	0.03371	0.02298	0.02961
3869261.00	0.02169	0.02143	0.01833	0.02131
3868761.00	0.01552	0.01570	0.01272	0.01518
3868261.00	0.01159	0.01022	0.00943	0.00865
3867761.00	0.00967	0.00809	0.00688	0.00627
3867261.00	0.00781	0.00690	0.00619	0.00593
3866761.00	0.00619	0.00617	0.00500	0.00514
3866261.00	0.00558	0.00520	0.00431	0.00388
3865761.00	0.00521	0.00440	0.00423	0.00324
3865261.00	0.00495	0.00387	0.00381	0.00327
3864761.00	0.00444	0.00356	0.00312	0.00292

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\*\*\* AERMET - VERSION 14134 \*\*\*

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION

VALUES FOR SOURCE GROUP: 1001A

\*\*\*

INCLUDING SOURCE(S): 1001A ,

\*\*\* NETWORK ID: BORON ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD (METERS)	X-COORD (METERS)			
	439957.60	440007.60	440057.60	440107.60 440157.60
440207.60	440257.60	440307.60	440357.60	

3874057.00	0.11193	0.11605	0.12023	0.12455	0.12911
0.13400	0.13923	0.14478	0.15054		
3874007.00	0.11219	0.11645	0.12085	0.12530	0.12995
0.13490	0.14045	0.14618	0.15208		
3873957.00	0.11255	0.11696	0.12150	0.12610	0.13091
0.13604	0.14165	0.14754	0.15369		
3873907.00	0.11289	0.11748	0.12216	0.12696	0.13191
0.13719	0.14286	0.14896	0.15533		
3873857.00	0.11329	0.11797	0.12282	0.12781	0.13295

0.13834	0.14418	0.15035	0.15700		
3873807.00		0.11362	0.11849	0.12347	0.12861 0.13393
0.13949	0.14542	0.15183	0.15866		
3873757.00		0.11406	0.11901	0.12412	0.12940 0.13489
0.14063	0.14677	0.15334	0.16039		
3873707.00		0.11449	0.11955	0.12476	0.13018 0.13583
0.14178	0.14813	0.15488	0.16220		
3873657.00		0.11497	0.12012	0.12541	0.13096 0.13676
0.14289	0.14945	0.15653	0.16405		
3873607.00		0.11549	0.12069	0.12616	0.13177 0.13773
0.14399	0.15074	0.15807	0.16588		
3873557.00		0.11598	0.12132	0.12691	0.13264 0.13872
0.14511	0.15203	0.15965	0.16777		
3873507.00		0.11657	0.12203	0.12775	0.13367 0.13981
0.14635	0.15337	0.16110	0.16960		
3873457.00		0.11725	0.12280	0.12864	0.13471 0.14102
0.14763	0.15474	0.16261	0.17139		
3873407.00		0.11806	0.12367	0.12966	0.13588 0.14232
0.14910	0.15637	0.16429	0.17323		
3873357.00		0.11912	0.12474	0.13079	0.13718 0.14381
0.15072	0.15817	0.16629	0.17542		
3873307.00		0.12054	0.12610	0.13215	0.13867 0.14550
0.15266	0.16019	0.16856	0.17785		
3873257.00		0.12242	0.12786	0.13390	0.14050 0.14746
0.15478	0.16252	0.17098	0.18064		
3873207.00		0.12499	0.13038	0.13631	0.14284 0.15006
0.15762	0.16567	0.17417	0.18359		
3873157.00		0.12796	0.13320	0.13908	0.14584 0.15297
0.16089	0.16889	0.17748	0.18696		
3873107.00		0.13128	0.13681	0.14270	0.14923 0.15660
0.16445	0.17261	0.18134	0.19103		
3873057.00		0.13521	0.14062	0.14657	0.15338 0.16083
0.16871	0.17732	0.18631	0.19615		
3873007.00		0.13933	0.14498	0.15113	0.15793 0.16552
0.17381	0.18272	0.19191	0.20201		
3872957.00		0.14306	0.14905	0.15557	0.16292 0.17079
0.17936	0.18854	0.19863	0.20902		
3872907.00		0.14692	0.15333	0.16017	0.16760 0.17607
0.18517	0.19510	0.20545	0.21651		
3872857.00		0.15012	0.15700	0.16461	0.17248 0.18112
0.19073	0.20128	0.21283	0.22466		
3872807.00		0.15315	0.16047	0.16824	0.17657 0.18614
0.19627	0.20738	0.21977	0.23278		
3872757.00		0.15600	0.16369	0.17214	0.18096 0.19076
0.20145	0.21342	0.22626	0.24007		
3872707.00		0.15891	0.16708	0.17585	0.18546 0.19552
0.20658	0.21886	0.23263	0.24789		
3872657.00		0.16253	0.17089	0.17993	0.19035 0.20096
0.21258	0.22545	0.23982	0.25549		
3872607.00		0.16617	0.17534	0.18511	0.19578 0.20703

0.21886 0.23293 0.24806 0.26486  
3872557.00 | 0.17094 0.18041 0.19069 0.20165 0.21365  
0.22681 0.24134 0.25751 0.27559

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: 1001A \*\*\*

INCLUDING SOURCE(S): 1001A ,

\*\*\* NETWORK ID: BORON ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD (METERS)				X-COORD (METERS)	
440657.60	440407.60	440457.60	440507.60	440557.60	440607.60

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-----  
3874057.00 | 0.15629 0.16203 0.16755 0.17274 0.17754  
0.18196 0.18605 0.19000 0.19382  
3874007.00 | 0.15817 0.16412 0.16991 0.17552 0.18065  
0.18536 0.18976 0.19386 0.19790  
3873957.00 | 0.16005 0.16629 0.17238 0.17833 0.18381  
0.18890 0.19359 0.19795 0.20222  
3873907.00 | 0.16192 0.16849 0.17493 0.18115 0.18705  
0.19255 0.19756 0.20227 0.20675  
3873857.00 | 0.16379 0.17072 0.17745 0.18410 0.19034  
0.19622 0.20167 0.20665 0.21151  
3873807.00 | 0.16576 0.17296 0.18005 0.18702 0.19370  
0.20002 0.20582 0.21121 0.21638  
3873757.00 | 0.16771 0.17523 0.18265 0.18997 0.19700  
0.20372 0.21009 0.21594 0.22148  
3873707.00 | 0.16975 0.17756 0.18529 0.19295 0.20040  
0.20765 0.21436 0.22069 0.22679  
3873657.00 | 0.17196 0.17998 0.18805 0.19596 0.20382  
0.21146 0.21876 0.22565 0.23218  
3873607.00 | 0.17413 0.18259 0.19093 0.19916 0.20736  
0.21545 0.22325 0.23073 0.23792  
3873557.00 | 0.17636 0.18515 0.19394 0.20263 0.21109  
0.21959 0.22786 0.23593 0.24388  
3873507.00 | 0.17862 0.18787 0.19715 0.20615 0.21503

0.22380	0.23260	0.24123	0.24988		
3873457.00	0.18079	0.19065	0.20045	0.20988	0.21920
0.22827	0.23746	0.24668	0.25598		
3873407.00	0.18308	0.19343	0.20381	0.21380	0.22354
0.23304	0.24252	0.25232	0.26224		
3873357.00	0.18547	0.19623	0.20721	0.21782	0.22808
0.23799	0.24796	0.25816	0.26873		
3873307.00	0.18812	0.19915	0.21068	0.22194	0.23279
0.24325	0.25367	0.26427	0.27549		
3873257.00	0.19096	0.20231	0.21424	0.22622	0.23774
0.24882	0.25967	0.27086	0.28260		
3873207.00	0.19409	0.20571	0.21804	0.23048	0.24294
0.25490	0.26637	0.27795	0.29022		
3873157.00	0.19764	0.20963	0.22251	0.23573	0.24851
0.26091	0.27301	0.28519	0.29807		
3873107.00	0.20219	0.21444	0.22762	0.24113	0.25448
0.26749	0.28022	0.29304	0.30659		
3873057.00	0.20717	0.21965	0.23358	0.24765	0.26159
0.27520	0.28857	0.30205	0.31656		
3873007.00	0.21350	0.22630	0.24039	0.25506	0.26964
0.28387	0.29785	0.31201	0.32707		
3872957.00	0.22050	0.23357	0.24814	0.26345	0.27872
0.29361	0.30880	0.32366	0.33954		
3872907.00	0.22873	0.24241	0.25771	0.27379	0.28987
0.30553	0.32087	0.33646	0.35357		
3872857.00	0.23745	0.25195	0.26798	0.28504	0.30242
0.31925	0.33547	0.35193	0.36958		
3872807.00	0.24659	0.26201	0.27919	0.29757	0.31601
0.33386	0.35123	0.36882	0.38783		
3872757.00	0.25495	0.27190	0.29045	0.31047	0.33063
0.35044	0.36933	0.38846	0.40898		
3872707.00	0.26383	0.28171	0.30164	0.32345	0.34561
0.36702	0.38774	0.40919	0.43220		
3872657.00	0.27324	0.29204	0.31322	0.33671	0.36090
0.38435	0.40704	0.43020	0.45536		
3872607.00	0.28332	0.30364	0.32631	0.35144	0.37760
0.40299	0.42751	0.45261	0.48064		
3872557.00	0.29552	0.31782	0.34206	0.36938	0.39782
0.42535	0.45166	0.47849	0.50836		

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\*\*\* AERMET - VERSION 14134 \*\*\*  
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1001A \*\*\*

INCLUDING SOURCE(S): 1001A ,

\*\*\* NETWORK ID: BORON ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD (METERS)	440857.60	440907.60	440957.60	X-COORD (METERS) 441007.60	441057.60
441107.60	441157.60	441207.60	441257.60		

3874057.00	0.19789	0.20208	0.20671	0.21147	0.21637
0.22130	0.22585	0.22991	0.23330		
3874007.00	0.20214	0.20673	0.21143	0.21668	0.22193
0.22712	0.23196	0.23634	0.23993		
3873957.00	0.20669	0.21141	0.21658	0.22217	0.22781
0.23338	0.23859	0.24314	0.24708		
3873907.00	0.21143	0.21656	0.22208	0.22799	0.23408
0.24001	0.24559	0.25047	0.25472		
3873857.00	0.21645	0.22184	0.22776	0.23416	0.24079
0.24715	0.25299	0.25822	0.26282		
3873807.00	0.22157	0.22725	0.23363	0.24059	0.24775
0.25465	0.26097	0.26656	0.27141		
3873757.00	0.22706	0.23298	0.23977	0.24731	0.25504
0.26241	0.26926	0.27532	0.28060		
3873707.00	0.23280	0.23927	0.24642	0.25434	0.26267
0.27080	0.27807	0.28467	0.29044		
3873657.00	0.23877	0.24572	0.25330	0.26172	0.27061
0.27944	0.28745	0.29464	0.30096		
3873607.00	0.24510	0.25258	0.26059	0.26954	0.27915
0.28854	0.29736	0.30515	0.31215		
3873557.00	0.25165	0.25970	0.26837	0.27784	0.28813
0.29834	0.30785	0.31648	0.32409		
3873507.00	0.25846	0.26712	0.27630	0.28657	0.29747
0.30855	0.31900	0.32847	0.33691		
3873457.00	0.26525	0.27472	0.28469	0.29552	0.30724
0.31919	0.33082	0.34136	0.35066		
3873407.00	0.27242	0.28279	0.29349	0.30508	0.31761
0.33071	0.34338	0.35506	0.36543		
3873357.00	0.27971	0.29101	0.30273	0.31517	0.32857
0.34289	0.35687	0.36989	0.38143		
3873307.00	0.28732	0.29974	0.31248	0.32592	0.34019
0.35564	0.37119	0.38575	0.39849		
3873257.00	0.29532	0.30883	0.32278	0.33715	0.35255
0.36911	0.38617	0.40236	0.41700		
3873207.00	0.30359	0.31805	0.33322	0.34888	0.36596
0.38385	0.40236	0.42026	0.43711		
3873157.00	0.31220	0.32769	0.34452	0.36202	0.37992

0.39911	0.41937	0.43936	0.45870		
3873107.00	0.32206	0.33856	0.35644	0.37509	0.39462
0.41550	0.43771	0.46088	0.48188		
3873057.00	0.33228	0.34975	0.36881	0.38948	0.41078
0.43362	0.45848	0.48343	0.50789		
3873007.00	0.34377	0.36253	0.38306	0.40481	0.42813
0.45323	0.48029	0.50901	0.53619		
3872957.00	0.35701	0.37651	0.39818	0.42210	0.44722
0.47452	0.50449	0.53594	0.56720		
3872907.00	0.37205	0.39299	0.41575	0.44060	0.46756
0.49788	0.53101	0.56702	0.60253		
3872857.00	0.38919	0.41119	0.43537	0.46244	0.49160
0.52398	0.56078	0.60093	0.64168		
3872807.00	0.40939	0.43277	0.45840	0.48663	0.51863
0.55430	0.59463	0.64003	0.68707		
3872757.00	0.43165	0.45710	0.48494	0.51566	0.54957
0.58804	0.63264	0.68493	0.73940		
3872707.00	0.45724	0.48468	0.51466	0.54809	0.58520
0.62880	0.67859	0.73690	0.80038		
3872657.00	0.48325	0.51377	0.54823	0.58520	0.62664
0.67442	0.73233	0.79895	0.87308		
3872607.00	0.51143	0.54535	0.58288	0.62517	0.67302
0.72847	0.79357	0.87071	0.95745		
3872557.00	0.54239	0.57934	0.62040	0.66712	0.72171
0.78647	0.86404	0.95796	1.06246		

\*\*\* AERMOD - VERSION 19191 \*\*\* \*\*  
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\*\*\* AERMET - VERSION 14134 \*\*\* \*\*  
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1001A \*\*\*

INCLUDING SOURCE(S): 1001A ,

\*\*\* NETWORK ID: BORON ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD					X-COORD (METERS)
(METERS)		441307.60	441357.60	441407.60	441457.60

3874057.00		0.23572	0.23714	0.23765	0.23740
3874007.00		0.24269	0.24444	0.24511	0.24483



3873957.00	0.25007	0.25210	0.25308	0.25309
3873907.00	0.25796	0.26036	0.26155	0.26187
3873857.00	0.26660	0.26913	0.27063	0.27122
3873807.00	0.27557	0.27847	0.28038	0.28120
3873757.00	0.28512	0.28858	0.29079	0.29188
3873707.00	0.29551	0.29929	0.30187	0.30356
3873657.00	0.30651	0.31083	0.31398	0.31591
3873607.00	0.31824	0.32333	0.32708	0.32953
3873557.00	0.33100	0.33666	0.34126	0.34436
3873507.00	0.34442	0.35112	0.35631	0.36043
3873457.00	0.35907	0.36668	0.37283	0.37771
3873407.00	0.37485	0.38348	0.39083	0.39691
3873357.00	0.39191	0.40178	0.41051	0.41769
3873307.00	0.41040	0.42159	0.43180	0.44048
3873257.00	0.43018	0.44279	0.45460	0.46536
3873207.00	0.45204	0.46656	0.48067	0.49355
3873157.00	0.47537	0.49222	0.50888	0.52424
3873107.00	0.50099	0.52079	0.54007	0.55911
3873057.00	0.53041	0.55200	0.57531	0.59719
3873007.00	0.56176	0.58779	0.61475	0.64171
3872957.00	0.59784	0.62742	0.66017	0.69096
3872907.00	0.63711	0.67235	0.71029	0.74734
3872857.00	0.68278	0.72391	0.76792	0.81333
3872807.00	0.73382	0.78230	0.83678	0.89179
3872757.00	0.79409	0.85255	0.91783	0.98661
3872707.00	0.86515	0.93517	1.01445	1.10071
3872657.00	0.94929	1.03292	1.13149	1.24531
3872607.00	1.04946	1.15130	1.27752	1.43118
3872557.00	1.17092	1.29545	1.45754	1.67707

\*\*\* AERMOD - VERSION 19191 \*\*\*  
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\*\*\* AERMET - VERSION 14134 \*\*\*  
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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1001A  
 \*\*\* INCLUDING SOURCE(S): 1001A ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M) Y-COORD (M) CONC X-COORD (M)  
 Y-COORD (M) CONC

-----

440683.00	3872824.00	0.33737	440288.00
3872787.00	0.21735		
440157.30	3872789.00	0.18771	439914.60
3872794.00	0.14781		
442261.30	3871403.00	2.13736	442263.60
3871503.00	4.77229		
442265.80	3871603.00	5.33235	442268.00
3871703.00	5.54405		
442270.30	3871803.00	5.57519	442272.50
3871903.00	5.59055		
442274.70	3872003.00	5.65397	442276.90
3872103.00	5.62634		
442279.20	3872203.00	5.57945	442281.40
3872303.00	5.37170		
442283.60	3872403.00	4.80750	442284.20
3872428.00	4.33358		
442184.30	3872431.00	6.03068	442084.30
3872435.00	6.37684		
441984.40	3872438.00	6.52301	441884.40
3872441.00	6.51778		
441784.50	3872445.00	6.36592	441684.50
3872448.00	6.09787		
441584.60	3872451.00	5.54864	441487.60
3872455.00	3.47039		
441485.00	3872355.00	4.76350	441482.40
3872255.00	6.71451		
441482.30	3872248.00	6.95578	441382.30
3872252.00	5.67846		
441283.60	3872255.00	3.44567	441281.30
3872155.00	4.32623		
441279.00	3872055.00	4.73743	441276.70
3871955.00	5.31170		
441274.30	3871855.00	7.00981	441274.10
3871844.00	7.38710		
441174.10	3871847.00	6.61474	441074.20
3871850.00	6.31848		
440974.20	3871853.00	6.00637	440874.30
3871856.00	5.61185		
440774.30	3871859.00	4.93421	440676.30
3871862.00	2.77293		
440674.00	3871762.00	3.51976	440671.70
3871662.00	3.49202		
440669.30	3871562.00	3.18760	440667.00
3871463.00	2.00492		
440666.80	3871450.00	1.70419	440766.70
3871447.00	2.53004		
440866.70	3871444.00	2.80861	440966.60
3871441.00	3.01273		
441066.60	3871438.00	3.12569	441166.50

3871435.00	3.21076			
441266.50	3871432.00	3.21808		441366.40
3871429.00	3.20429			
441466.40	3871426.00	3.23222		441566.40
3871423.00	3.24303			
441666.30	3871420.00	3.30436		441766.30
3871417.00	3.27890			
441866.20	3871415.00	3.30512		441966.20
3871412.00	3.45134			
442066.10	3871409.00	3.29326		442166.10
3871406.00	3.02418			
440693.20	3872567.00	0.43879		440695.70
3872667.00	0.39798			
440696.30	3872690.00	0.38973		440596.30
3872692.00	0.34528			
440496.30	3872695.00	0.29975		440495.40
3872695.00	0.29937			
440496.80	3872723.00	0.29360		440396.80
3872722.00	0.25771			
440296.80	3872722.00	0.22757		440196.80
3872721.00	0.20273			
440096.80	3872720.00	0.18229		439996.80
3872720.00	0.16434			
439896.80	3872719.00	0.14939		439887.70
3872719.00	0.14816			
439885.90	3872619.00	0.15439		439885.10
3872574.00	0.15747			
439985.10	3872573.00	0.17433		440085.10
3872572.00	0.19496			
440185.10	3872571.00	0.21870		440285.10
3872570.00	0.24766			

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*** AERMOD - VERSION 19191 ***
***                               ***
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***                               ***
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

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*** THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: 1001A ***
INCLUDING SOURCE(S): 1001A ,

```

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)
-------------	-------------	------	-------------

Y-COORD (M)                      CONC  
 -----

440385.10	3872570.00	0.28306	440485.10
3872569.00	0.32699		
440585.10	3872568.00	0.38028	440685.10
3872567.00	0.43461		
440685.70	3872275.00	0.66383	440688.30
3872375.00	0.57167		
440690.80	3872475.00	0.49363	440692.00
3872520.00	0.46494		
440592.00	3872522.00	0.40550	440492.00
3872523.00	0.34618		
440392.00	3872525.00	0.29810	440292.00
3872526.00	0.25855		
440192.10	3872528.00	0.22712	440092.10
3872529.00	0.20136		
439992.10	3872531.00	0.17955	439892.10
3872532.00	0.16257		
439884.50	3872532.00	0.16144	439883.00
3872432.00	0.17167		
439881.50	3872332.00	0.18512	439880.80
3872278.00	0.19362		
439980.80	3872278.00	0.21154	440080.80
3872277.00	0.23487		
440180.80	3872277.00	0.26684	440280.80
3872277.00	0.30862		
440380.80	3872276.00	0.36579	440480.80
3872276.00	0.44272		
440580.80	3872275.00	0.54455	440680.80
3872275.00	0.65865		

\*\*\* AERMOD - VERSION 19191 \*\*\*      \*\*\*  
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\*\*\* MODELOPTs:      RegDFAULT    CONC    ELEV    FLGPOL    RURAL

\*\*\* THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1001B      \*\*\*

INCLUDING SOURCE(S):      1001B      ,

\*\*\* NETWORK ID: COURSE      ;      NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER      IN MICROGRAMS/M\*\*3

\*\*

Y-COORD |

X-COORD (METERS)

(METERS)	430733.00	431233.00	431733.00	432233.00	432733.00
433233.00	433733.00	434233.00	434733.00		

-----

3879761.00	0.01127	0.00911	0.01101	0.01331	0.01587
0.01791	0.01842	0.01961	0.02598		
3879261.00	0.01352	0.01288	0.01125	0.01139	0.01406
0.01718	0.01979	0.02002	0.02223		
3878761.00	0.01242	0.01441	0.01429	0.01255	0.01222
0.01495	0.01861	0.02147	0.02207		
3878261.00	0.01014	0.01224	0.01493	0.01592	0.01443
0.01339	0.01598	0.02046	0.02376		
3877761.00	0.00982	0.01047	0.01201	0.01486	0.01730
0.01675	0.01512	0.01720	0.02242		
3877261.00	0.01133	0.01093	0.01118	0.01216	0.01463
0.01821	0.01937	0.01750	0.01873		
3876761.00	0.01571	0.01456	0.01320	0.01257	0.01297
0.01467	0.01848	0.02180	0.02065		
3876261.00	0.01681	0.01814	0.01857	0.01748	0.01572
0.01484	0.01550	0.01849	0.02348		
3875761.00	0.01880	0.01878	0.01949	0.02108	0.02228
0.02157	0.01936	0.01790	0.01921		
3875261.00	0.01949	0.02202	0.02352	0.02382	0.02404
0.02527	0.02726	0.02721	0.02448		
3874761.00	0.01212	0.01444	0.01795	0.02250	0.02701
0.03025	0.03156	0.03231	0.03454		
3874261.00	0.01178	0.01235	0.01307	0.01412	0.01610
0.01967	0.02564	0.03356	0.04105		
3873761.00	0.01271	0.01342	0.01425	0.01519	0.01624
0.01739	0.01872	0.02052	0.02373		
3873261.00	0.01733	0.01818	0.01897	0.01986	0.02096
0.02219	0.02363	0.02539	0.02753		
3872761.00	0.02075	0.02232	0.02412	0.02608	0.02851
0.03134	0.03471	0.03888	0.04414		
3872261.00	0.01732	0.01848	0.01977	0.02129	0.02303
0.02505	0.02748	0.03059	0.03452		
3871761.00	0.01427	0.01550	0.01700	0.01879	0.02117
0.02397	0.02711	0.03060	0.03401		
3871261.00	0.01606	0.01724	0.01823	0.01876	0.01905
0.01896	0.01861	0.01845	0.01871		
3870761.00	0.01223	0.01196	0.01181	0.01164	0.01169
0.01205	0.01280	0.01425	0.01694		
3870261.00	0.00839	0.00854	0.00881	0.00933	0.01012
0.01159	0.01392	0.01779	0.02360		
3869761.00	0.00722	0.00777	0.00870	0.01001	0.01199
0.01504	0.01887	0.02343	0.02871		
3869261.00	0.00766	0.00891	0.01066	0.01314	0.01555
0.01857	0.02182	0.02460	0.02564		
3868761.00	0.00960	0.01130	0.01332	0.01536	0.01748

0.01961	0.02047	0.02005	0.02106		
3868261.00		0.01161	0.01313	0.01466	0.01627 0.01718
0.01663	0.01657	0.01807	0.01802		
3867761.00		0.01273	0.01395	0.01490	0.01459 0.01383
0.01445	0.01566	0.01490	0.01259		
3867261.00		0.01328	0.01329	0.01235	0.01209 0.01302
0.01365	0.01249	0.01059	0.00996		
3866761.00		0.01162	0.01083	0.01126	0.01202 0.01196
0.01061	0.00907	0.00873	0.01191		
3866261.00		0.00913	0.01045	0.01106	0.01058 0.00913
0.00790	0.00846	0.01086	0.00968		
3865761.00		0.01003	0.01008	0.00936	0.00793 0.00697
0.00757	0.00969	0.01016	0.00629		
3865261.00		0.00911	0.00824	0.00696	0.00625 0.00681
0.00868	0.01064	0.00763	0.00480		
3864761.00		0.00726	0.00618	0.00563	0.00620 0.00783
0.01005	0.00922	0.00672	0.00511		

\*\*\* AERMOD - VERSION 19191 \*\*\*  
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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1001B  
 INCLUDING SOURCE(S): 1001B ,

\*\*\* NETWORK ID: COURSE ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD					X-COORD (METERS)
(METERS)		435233.00	435733.00	436233.00	436733.00 437233.00
437733.00		438233.00	438733.00	439233.00	

3879761.00		0.03218	0.03596	0.03872	0.03867 0.04616
0.05125	0.04766	0.05410	0.06599		
3879261.00		0.02980	0.03656	0.03892	0.03636 0.03772
0.05595	0.05152	0.05615	0.07104		
3878761.00		0.02575	0.03597	0.03909	0.04434 0.04144
0.05643	0.06058	0.05909	0.07563		
3878261.00		0.02528	0.03091	0.04155	0.04839 0.04768
0.05442	0.06802	0.06632	0.08478		
3877761.00		0.02641	0.02807	0.03672	0.04350 0.04675

0.05126	0.07265	0.07647	0.09121		
3877261.00		0.02484	0.02994	0.03280	0.04492 0.05726
0.06328	0.07498	0.08692	0.09883		
3876761.00		0.02071	0.02772	0.03451	0.03961 0.05747
0.07099	0.07761	0.09630	0.10966		
3876261.00		0.02474	0.02389	0.03153	0.04046 0.05025
0.07160	0.08336	0.10507	0.12145		
3875761.00		0.02429	0.02914	0.02868	0.03675 0.04922
0.06508	0.09483	0.11650	0.13063		
3875261.00		0.02250	0.02534	0.03331	0.03611 0.04441
0.06212	0.09203	0.12986	0.15223		
3874761.00		0.03606	0.03310	0.03040	0.03690 0.04601
0.05644	0.08626	0.14053	0.16908		
3874261.00		0.04569	0.04879	0.05163	0.04943 0.04589
0.05860	0.07883	0.13334	0.23806		
3873761.00		0.03050	0.04340	0.06137	0.07751 0.08676
0.08668	0.08525	0.12294	0.24998		
3873261.00		0.03025	0.03366	0.03822	0.04587 0.06358
0.10610	0.17327	0.21438	0.28040		
3872761.00		0.05097	0.05982	0.07122	0.08665 0.10899
0.14051	0.19081	0.27993	0.53496		
3872261.00		0.03984	0.04717	0.05746	0.07251 0.09435
0.12236	0.15137	0.19555	0.45520		
3871761.00		0.03659	0.03803	0.03865	0.04017 0.04686
0.06934	0.13575	0.22299	0.24480		
3871261.00		0.01993	0.02282	0.02906	0.04334 0.07196
0.10685	0.11557	0.11222	0.14874		
3870761.00		0.02200	0.03113	0.04554	0.06322 0.07018
0.06682	0.05616	0.08853	0.09254		
3870261.00		0.03154	0.04103	0.04693	0.04694 0.04465
0.03838	0.05705	0.05858	0.04415		
3869761.00		0.03315	0.03390	0.03440	0.03232 0.02688
0.03444	0.03722	0.03435	0.02904		
3869261.00		0.02575	0.02706	0.02443	0.01946 0.02717
0.01883	0.01514	0.01856	0.02072		
3868761.00		0.02192	0.01908	0.01577	0.02216 0.01896
0.01543	0.01073	0.01242	0.01607		
3868261.00		0.01532	0.01278	0.01872	0.01561 0.01216
0.00756	0.00715	0.00911	0.01346		
3867761.00		0.01120	0.01530	0.01293	0.01077 0.00722
0.00602	0.00621	0.00761	0.01152		
3867261.00		0.01396	0.01271	0.00962	0.00733 0.00552
0.00537	0.00533	0.00691	0.00971		
3866761.00		0.01013	0.00785	0.00634	0.00538 0.00481
0.00514	0.00499	0.00635	0.00830		
3866261.00		0.00731	0.00591	0.00504	0.00453 0.00470
0.00453	0.00452	0.00581	0.00711		
3865761.00		0.00491	0.00477	0.00439	0.00414 0.00447
0.00396	0.00415	0.00513	0.00597		
3865261.00		0.00457	0.00432	0.00384	0.00412 0.00412

0.00371 0.00413 0.00506 0.00505  
3864761.00 | 0.00435 0.00380 0.00364 0.00399 0.00367  
0.00366 0.00411 0.00488 0.00468

\*\*\* AERMOD - VERSION 19191 \*\*\*  
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\*\*\* AERMET - VERSION 14134 \*\*\*  
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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: 1001B  
INCLUDING SOURCE(S): 1001B ,

\*\*\* NETWORK ID: COURSE ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD (METERS)				X-COORD (METERS)	
442233.00	442733.00	443233.00	443733.00	441233.00	441733.00

3879761.00	0.05232	0.03772	0.02726	0.02600	0.02224
0.01609	0.01350	0.01224	0.01373		
3879261.00	0.05975	0.04171	0.03050	0.02977	0.02397
0.01768	0.01562	0.01583	0.01620		
3878761.00	0.07091	0.04812	0.03579	0.03707	0.02785
0.02112	0.01809	0.01625	0.01964		
3878261.00	0.08498	0.05677	0.04288	0.04347	0.03242
0.02645	0.02320	0.02054	0.02218		
3877761.00	0.09980	0.06404	0.04692	0.05024	0.03929
0.03166	0.02961	0.02856	0.02441		
3877261.00	0.11487	0.07835	0.05976	0.06003	0.04519
0.03843	0.04160	0.03686	0.03059		
3876761.00	0.13118	0.08425	0.07450	0.07344	0.05283
0.05063	0.05576	0.04627	0.04024		
3876261.00	0.14544	0.11450	0.09290	0.07896	0.05332
0.06711	0.06767	0.05591	0.04484		
3875761.00	0.18084	0.15173	0.11560	0.05910	0.05792
0.08312	0.07997	0.06385	0.06086		
3875261.00	0.18733	0.19942	0.15095	0.11932	0.11924
0.11662	0.09418	0.08494	0.08030		
3874761.00	0.19924	0.27374	0.20027	0.17629	0.17897
0.14705	0.12693	0.11345	0.08809		
3874261.00	0.38717	0.39958	0.30356	0.28442	0.25337



0.20766	0.16458	0.10576	0.06400		
3873761.00		0.54007	0.71729	0.58413	0.52082 0.39193
0.24303	0.12577	0.07495	0.05246		
3873261.00		0.92444	1.91984	1.68013	0.97205 0.37886
0.17293	0.10674	0.07631	0.05921		
3872761.00		2.60472	27.25712	9.83988	0.98224 0.40810
0.23257	0.15209	0.10783	0.08036		
3872261.00		1.11942	1.67580	1.26639	0.69791 0.29200
0.17068	0.11316	0.08514	0.06691		
3871761.00		0.29707	0.39651	0.31250	0.25136 0.26122
0.18172	0.08731	0.06288	0.05901		
3871261.00		0.13729	0.19304	0.16244	0.09087 0.09693
0.11649	0.08020	0.08405	0.05038		
3870761.00		0.07273	0.10182	0.09374	0.04955 0.03816
0.03954	0.06011	0.03977	0.03586		
3870261.00		0.05520	0.06168	0.06405	0.03463 0.02471
0.01853	0.01799	0.02893	0.03205		
3869761.00		0.03792	0.05156	0.04109	0.02008 0.01567
0.01398	0.01139	0.01309	0.01483		
3869261.00		0.02738	0.03411	0.03280	0.01515 0.01072
0.00976	0.00897	0.01027	0.00958		
3868761.00		0.02053	0.02395	0.03168	0.01328 0.00673
0.00691	0.00656	0.00758	0.00739		
3868261.00		0.01616	0.01774	0.02615	0.01773 0.00948
0.00634	0.00637	0.00548	0.00715		
3867761.00		0.01252	0.01320	0.01917	0.01521 0.01078
0.00705	0.00718	0.00524	0.00549		
3867261.00		0.00998	0.01033	0.01414	0.01250 0.00893
0.00696	0.00622	0.00688	0.00412		
3866761.00		0.00790	0.00792	0.00973	0.00912 0.00731
0.00653	0.00459	0.00604	0.00481		
3866261.00		0.00608	0.00615	0.00693	0.00663 0.00600
0.00575	0.00424	0.00421	0.00530		
3865761.00		0.00494	0.00516	0.00544	0.00510 0.00475
0.00482	0.00420	0.00300	0.00443		
3865261.00		0.00424	0.00447	0.00480	0.00433 0.00403
0.00425	0.00390	0.00289	0.00313		
3864761.00		0.00390	0.00404	0.00441	0.00395 0.00354
0.00378	0.00357	0.00298	0.00230		

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1001B \*\*\*

INCLUDING SOURCE(S): 1001B ,

\*\*\* NETWORK ID: COURSE ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD (METERS)	444233.00	444733.00	445233.00	X-COORD (METERS) 445733.00
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3879761.00	0.01327	0.01327	0.01233	0.01339
3879261.00	0.01562	0.01438	0.01468	0.01560
3878761.00	0.01734	0.01617	0.01738	0.01737
3878261.00	0.01882	0.02040	0.02020	0.01788
3877761.00	0.02356	0.02477	0.02119	0.02186
3877261.00	0.02988	0.02662	0.02715	0.02770
3876761.00	0.03339	0.03486	0.03389	0.03181
3876261.00	0.04486	0.04397	0.03899	0.03868
3875761.00	0.05812	0.05332	0.04564	0.03672
3875261.00	0.07199	0.05509	0.03830	0.02556
3874761.00	0.05928	0.03882	0.02779	0.02226
3874261.00	0.04316	0.03247	0.02609	0.02167
3873761.00	0.04013	0.03245	0.02733	0.02367
3873261.00	0.04811	0.03999	0.03446	0.02992
3872761.00	0.06241	0.05001	0.04152	0.03552
3872261.00	0.05393	0.04680	0.04280	0.03832
3871761.00	0.04177	0.03035	0.02644	0.02463
3871261.00	0.02792	0.02450	0.02946	0.02963
3870761.00	0.04894	0.03390	0.02231	0.01550
3870261.00	0.01885	0.02336	0.03069	0.02438
3869761.00	0.02494	0.01367	0.00765	0.01322
3869261.00	0.01006	0.01533	0.01098	0.00799
3868761.00	0.00888	0.00747	0.00836	0.01112
3868261.00	0.00679	0.00681	0.00525	0.00523
3867761.00	0.00646	0.00542	0.00522	0.00409
3867261.00	0.00480	0.00504	0.00457	0.00461
3866761.00	0.00357	0.00398	0.00404	0.00401
3866261.00	0.00349	0.00303	0.00305	0.00346
3865761.00	0.00400	0.00282	0.00254	0.00257
3865261.00	0.00408	0.00298	0.00235	0.00215
3864761.00	0.00347	0.00319	0.00244	0.00191

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\*\*\* MODELOPTs: RegDFault CONC ELEV FLGPOL RURAL

\*\*\* THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1001B \*\*\*

INCLUDING SOURCE(S): 1001B ,

\*\*\* NETWORK ID: BORON ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD (METERS)					X-COORD (METERS)	
	439957.60	440007.60	440057.60	440107.60	440157.60	
440207.60	440257.60	440307.60	440357.60			

-----

3874057.00	0.48653	0.49006	0.49222	0.49350	0.49386
0.49294	0.48952	0.48340	0.47436		
3874007.00	0.50843	0.51306	0.51762	0.52026	0.52121
0.51945	0.51817	0.51154	0.50078		
3873957.00	0.53437	0.54016	0.54617	0.55032	0.55285
0.55238	0.54982	0.54219	0.53117		
3873907.00	0.56292	0.57077	0.57794	0.58457	0.58851
0.58878	0.58491	0.57711	0.56533		
3873857.00	0.59569	0.60424	0.61351	0.62237	0.62834
0.62911	0.62540	0.61556	0.60394		
3873807.00	0.63083	0.64235	0.65309	0.66386	0.67148
0.67337	0.66902	0.65971	0.64683		
3873757.00	0.67179	0.68499	0.69791	0.71021	0.71951
0.72269	0.71954	0.70946	0.69597		
3873707.00	0.71664	0.73293	0.74786	0.76236	0.77335
0.77849	0.77635	0.76587	0.75275		
3873657.00	0.76733	0.78703	0.80443	0.82142	0.83415
0.84071	0.83988	0.83224	0.81824		
3873607.00	0.82413	0.84706	0.87004	0.88872	0.90405
0.91133	0.91213	0.90633	0.89365		
3873557.00	0.88617	0.91575	0.94367	0.96584	0.98348
0.99225	0.99500	0.99376	0.98365		
3873507.00	0.95809	0.99453	1.02879	1.05703	1.07610
1.08764	1.09207	1.09243	1.08904		
3873457.00	1.04016	1.08477	1.12600	1.16012	1.18399
1.19756	1.20445	1.21004	1.21326		
3873407.00	1.13489	1.18922	1.24043	1.28106	1.30958
1.32887	1.34293	1.35292	1.36173		
3873357.00	1.24524	1.31155	1.37261	1.42301	1.45925
1.48523	1.50972	1.53094	1.54833		
3873307.00	1.37478	1.45631	1.52945	1.59048	1.63829
1.67883	1.71311	1.74961	1.77601		
3873257.00	1.52832	1.62821	1.71895	1.79508	1.85604

1.91262	1.96519	2.01218	2.05708		
3873207.00		1.71946	1.84735	1.95759	2.04931 2.13989
2.22458	2.30669	2.36225	2.39492		
3873157.00		1.94845	2.10222	2.24059	2.37366 2.48771
2.61881	2.71344	2.78211	2.81807		
3873107.00		2.23146	2.43966	2.61513	2.77376 2.94456
3.10305	3.22662	3.31653	3.37067		
3873057.00		2.61509	2.86349	3.08729	3.31927 3.54758
3.74467	3.92603	4.04955	4.12142		
3873007.00		3.13673	3.46180	3.76407	4.06865 4.36956
4.63907	4.86854	5.01694	5.11120		
3872957.00		3.85752	4.29366	4.72473	5.17926 5.57554
5.90839	6.17176	6.40757	6.50184		
3872907.00		4.99904	5.63659	6.26478	6.85162 7.39600
7.81619	8.15273	8.35792	8.45584		
3872857.00		6.85692	7.89993	8.92208	9.72773 10.35442
10.83125	11.18144	11.46433	11.52614		
3872807.00		10.47703	12.36251	13.83729	14.89312 15.78718
16.29713	16.60600	16.89228	16.98366		
3872757.00		20.00542	23.32477	25.56393	26.83813 27.92759
28.61864	29.23979	29.45453	29.50395		
3872707.00		43.06173	47.84766	50.36406	52.54578 53.32714
53.82317	54.11970	54.88235	56.60454		
3872657.00		47.19375	51.64314	53.61477	57.06334 57.74460
58.18911	58.47488	58.93909	58.88662		
3872607.00		37.16769	41.91307	44.76699	47.38453 48.13118
46.45609	49.01113	49.24561	49.81310		
3872557.00		12.79189	14.72032	15.93593	16.71735 17.28827
17.71336	18.00918	18.20421	18.30783		

\*\*\* AERMOD - VERSION 19191 \*\*\* \*\*  
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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1001B \*\*\*

INCLUDING SOURCE(S): 1001B ,

\*\*\* NETWORK ID: BORON ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD					X-COORD (METERS)
(METERS)		440407.60	440457.60	440507.60	440557.60 440607.60
440657.60		440707.60	440757.60	440807.60	

3874057.00	0.46084	0.44464	0.42612	0.40830	0.39406
0.38456	0.37943	0.37785	0.37729		
3874007.00	0.48801	0.47072	0.45146	0.43421	0.41971
0.40993	0.40517	0.40313	0.40241		
3873957.00	0.51801	0.50045	0.48094	0.46345	0.44872
0.43910	0.43396	0.43175	0.43072		
3873907.00	0.55132	0.53411	0.51497	0.49661	0.48194
0.47230	0.46648	0.46423	0.46243		
3873857.00	0.58860	0.57248	0.55318	0.53556	0.52002
0.50939	0.50326	0.49980	0.49804		
3873807.00	0.63215	0.61602	0.59772	0.57964	0.56372
0.55204	0.54421	0.53995	0.53708		
3873757.00	0.68065	0.66581	0.64829	0.63010	0.61257
0.59900	0.59073	0.58546	0.58116		
3873707.00	0.73693	0.72311	0.70648	0.68798	0.66929
0.65465	0.64289	0.63590	0.63112		
3873657.00	0.80411	0.78947	0.77426	0.75393	0.73367
0.71604	0.70312	0.69442	0.68665		
3873607.00	0.88048	0.86883	0.85274	0.83126	0.80829
0.78807	0.77243	0.76160	0.75226		
3873557.00	0.97109	0.95853	0.94395	0.92310	0.89522
0.87167	0.85266	0.83927	0.82859		
3873507.00	1.07920	1.06656	1.05224	1.02778	0.99714
0.96723	0.94555	0.92911	0.91556		
3873457.00	1.20579	1.19542	1.17972	1.15152	1.11659
1.07968	1.05330	1.03386	1.01590		
3873407.00	1.36055	1.34916	1.33098	1.29898	1.25689
1.21332	1.17939	1.15683	1.13280		
3873357.00	1.54831	1.53415	1.51217	1.47522	1.42447
1.37064	1.33090	1.30103	1.26923		
3873307.00	1.77970	1.75886	1.73170	1.68826	1.62680
1.56100	1.51092	1.47050	1.42807		
3873257.00	2.05829	2.03489	1.99764	1.94896	1.87517
1.79306	1.72555	1.67244	1.61163		
3873207.00	2.39792	2.37190	2.32436	2.26031	2.18105
2.08198	1.99058	1.91022	1.82265		
3873157.00	2.82213	2.79712	2.74565	2.67420	2.55806
2.41916	2.29313	2.17817	2.05609		
3873107.00	3.39721	3.36070	3.28366	3.17114	3.01714
2.82966	2.65169	2.48773	2.32041		
3873057.00	4.12527	4.06731	3.98087	3.82230	3.60877
3.34773	3.09200	2.85935	2.63776		
3873007.00	5.13776	5.04852	4.88350	4.65691	4.35735
3.98987	3.62290	3.29693	2.99121		
3872957.00	6.47719	6.32504	6.07230	5.74766	5.32618
4.80236	4.30377	3.84197	3.42240		
3872907.00	8.42456	8.19729	7.81894	7.33807	6.72244

5.94614	5.16547	4.50433	3.93355		
3872857.00		11.40418	11.05262	10.41002	9.66829 8.76316
7.60740	6.40169	5.41411	4.55757		
3872807.00		16.79408	16.16810	14.91284	13.56027 12.01972
10.20867	8.26029	6.68266	5.30180		
3872757.00		29.29101	28.65647	24.64212	20.83712 18.42260
15.71807	11.83532	8.59264	6.05372		
3872707.00		56.18599	55.55464	48.33108	41.15256 38.00805
33.23488	20.46779	10.63338	6.45255		
3872657.00		61.92103	61.14970	59.78098	58.23494 55.95650
50.35443	27.88839	11.04558	6.28347		
3872607.00		50.26466	50.24180	49.89001	49.00424 47.31286
42.70695	22.49434	9.04198	5.51148		
3872557.00		18.30778	18.00979	17.67231	17.04820 16.02730
13.83499	9.35666	6.10905	4.38884		

\*\*\* AERMOD - VERSION 19191 \*\*\* \*\*  
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 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*  
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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1001B \*\*\*  
 INCLUDING SOURCE(S): 1001B ,

\*\*\* NETWORK ID: BORON ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD					X-COORD (METERS)
(METERS)		440857.60	440907.60	440957.60	441007.60 441057.60
441107.60	441157.60	441207.60	441257.60		

3874057.00		0.37695	0.37435	0.37098	0.36681 0.36347
0.36145	0.35962	0.35781	0.35583		
3874007.00		0.40147	0.39905	0.39397	0.39004 0.38633
0.38378	0.38159	0.37956	0.37697		
3873957.00		0.42930	0.42544	0.42041	0.41572 0.41153
0.40857	0.40615	0.40334	0.40041		
3873907.00		0.46008	0.45622	0.45034	0.44445 0.43968
0.43601	0.43317	0.42988	0.42627		
3873857.00		0.49485	0.48971	0.48313	0.47669 0.47151
0.46704	0.46305	0.45914	0.45461		
3873807.00		0.53251	0.52623	0.51922	0.51250 0.50662

0.50153	0.49690	0.49188	0.48559			
3873757.00		0.57564	0.56727	0.55948	0.55249	0.54585
0.53952	0.53403	0.52772	0.51956			
3873707.00		0.62402	0.61553	0.60606	0.59740	0.58984
0.58306	0.57551	0.56731	0.55664			
3873657.00		0.67864	0.66886	0.65794	0.64804	0.63901
0.63091	0.62173	0.61087	0.59692			
3873607.00		0.74213	0.73030	0.71717	0.70565	0.69532
0.68435	0.67270	0.65788	0.64000			
3873557.00		0.81481	0.79999	0.78535	0.77128	0.75871
0.74476	0.72837	0.70880	0.68537			
3873507.00		0.89894	0.87976	0.86125	0.84561	0.82905
0.81059	0.78826	0.76201	0.73231			
3873457.00		0.99366	0.97015	0.94817	0.92779	0.90668
0.88103	0.85121	0.81683	0.77925			
3873407.00		1.10498	1.07539	1.04681	1.02051	0.99164
0.95686	0.91554	0.87101	0.82462			
3873357.00		1.23198	1.19352	1.15762	1.12226	1.08187
1.03460	0.98006	0.92378	0.86712			
3873307.00		1.37827	1.32886	1.28076	1.23193	1.17493
1.11102	1.04211	0.97281	0.90446			
3873257.00		1.54507	1.47962	1.41507	1.34543	1.26817
1.18425	1.09875	1.01525	0.93578			
3873207.00		1.73037	1.64208	1.55454	1.45962	1.36048
1.25433	1.14985	1.05075	0.95934			
3873157.00		1.93361	1.81767	1.70383	1.57926	1.44555
1.31469	1.19125	1.07653	0.97254			
3873107.00		2.16998	2.01558	1.85621	1.68785	1.52168
1.36564	1.22218	1.09333	0.97305			
3873057.00		2.42444	2.21761	2.00279	1.79234	1.59047
1.40709	1.24283	1.09336	0.96041			
3873007.00		2.71059	2.43343	2.15180	1.88455	1.64542
1.43225	1.24295	1.07791	0.93388			
3872957.00		3.03275	2.64723	2.28465	1.96388	1.67998
1.43357	1.22291	1.04637	0.90137			
3872907.00		3.38417	2.86652	2.40443	2.01069	1.68011
1.40898	1.18895	1.01459	0.87672			
3872857.00		3.75746	3.05745	2.47900	2.01732	1.65394
1.37473	1.16176	0.99840	0.87132			
3872807.00		4.11701	3.18437	2.49287	1.99008	1.62672
1.36077	1.16240	1.01042	0.89081			
3872757.00		4.32705	3.21048	2.47629	1.98199	1.63745
1.38703	1.19774	1.04919	0.93065			
3872707.00		4.37056	3.20426	2.49154	2.02044	1.68792
1.44004	1.24980	1.09869	0.97587			
3872657.00		4.25093	3.16771	2.50018	2.04726	1.72007
1.47308	1.27987	1.12588	1.00014			
3872607.00		3.89369	2.97223	2.37969	1.96705	1.66372
1.43188	1.24957	1.10273	0.98227			
3872557.00		3.31720	2.61354	2.12875	1.78075	1.52073

1.31959 1.15965 1.02919 0.92192

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\*\*\* 09/10/20

\*\*\* AERMET - VERSION 14134 \*\*\* \*\*

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: 1001B \*\*\*

INCLUDING SOURCE(S): 1001B ,

\*\*\* NETWORK ID: BORON ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD (METERS)	441307.60	441357.60	441407.60	X-COORD (METERS) 441457.60
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3874057.00	0.35328	0.35009	0.34599	0.34075
3874007.00	0.37398	0.37013	0.36486	0.35812
3873957.00	0.39652	0.39164	0.38524	0.37729
3873907.00	0.42121	0.41512	0.40707	0.39784
3873857.00	0.44868	0.44040	0.43062	0.41992
3873807.00	0.47787	0.46757	0.45608	0.44369
3873757.00	0.50937	0.49712	0.48342	0.46914
3873707.00	0.54387	0.52859	0.51241	0.49644
3873657.00	0.58057	0.56219	0.54333	0.52410
3873607.00	0.61936	0.59760	0.57510	0.55225
3873557.00	0.66018	0.63331	0.60664	0.57941
3873507.00	0.70061	0.66869	0.63611	0.60431
3873457.00	0.74059	0.70203	0.66333	0.62556
3873407.00	0.77801	0.73203	0.68678	0.64288
3873357.00	0.81145	0.75756	0.70510	0.65414
3873307.00	0.83949	0.77685	0.71654	0.65862
3873257.00	0.85996	0.78803	0.71957	0.65520
3873207.00	0.87245	0.79109	0.71487	0.64408
3873157.00	0.87378	0.78344	0.70023	0.62472
3873107.00	0.86327	0.76538	0.67727	0.60041
3873057.00	0.84204	0.73858	0.65041	0.57571
3873007.00	0.81179	0.71027	0.62609	0.55669
3872957.00	0.78374	0.68829	0.61086	0.54738
3872907.00	0.76752	0.68006	0.60894	0.55023
3872857.00	0.77060	0.68908	0.62196	0.56574
3872807.00	0.79440	0.71509	0.64797	0.59165



3872757.00	0.83343	0.75194	0.68282	0.62380
3872707.00	0.87421	0.78873	0.71614	0.65381
3872657.00	0.89594	0.80833	0.73370	0.66923
3872607.00	0.88155	0.79691	0.72446	0.66188
3872557.00	0.83183	0.75509	0.68913	0.63184

\*\*\* AERMOD - VERSION 19191 \*\*\*  
 \*\*\* 09/10/20

\*\*\* AERMET - VERSION 14134 \*\*\*  
 \*\*\* 07:21:22

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

VALUES FOR SOURCE GROUP: 1001B  
 \*\*\* THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION  
 \*\*\* INCLUDING SOURCE(S): 1001B ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)
Y-COORD (M)	CONC		
440683.00	3872824.00	8.28758	440288.00
3872787.00	20.38697		
440157.30	3872789.00	18.87956	439914.60
3872794.00	9.78115		
442261.30	3871403.00	0.12792	442263.60
3871503.00	0.13790		
442265.80	3871603.00	0.15435	442268.00
3871703.00	0.17213		
442270.30	3871803.00	0.17410	442272.50
3871903.00	0.15219		
442274.70	3872003.00	0.13805	442276.90
3872103.00	0.15147		
442279.20	3872203.00	0.16181	442281.40
3872303.00	0.16689		
442283.60	3872403.00	0.19104	442284.20
3872428.00	0.20015		
442184.30	3872431.00	0.21887	442084.30
3872435.00	0.24055		
441984.40	3872438.00	0.26567	441884.40
3872441.00	0.29669		
441784.50	3872445.00	0.33375	441684.50
3872448.00	0.38064		
441584.60	3872451.00	0.43558	441487.60

3872455.00	0.50697		
441485.00	3872355.00	0.44405	441482.40
3872255.00	0.43679		
441482.30	3872248.00	0.43757	441382.30
3872252.00	0.52800		
441283.60	3872255.00	0.63413	441281.30
3872155.00	0.59844		
441279.00	3872055.00	0.51329	441276.70
3871955.00	0.40110		
441274.30	3871855.00	0.31418	441274.10
3871844.00	0.30795		
441174.10	3871847.00	0.30942	441074.20
3871850.00	0.29945		
440974.20	3871853.00	0.29001	440874.30
3871856.00	0.29589		
440774.30	3871859.00	0.34736	440676.30
3871862.00	0.40738		
440674.00	3871762.00	0.33287	440671.70
3871662.00	0.29448		
440669.30	3871562.00	0.25729	440667.00
3871463.00	0.21790		
440666.80	3871450.00	0.21400	440766.70
3871447.00	0.19034		
440866.70	3871444.00	0.16402	440966.60
3871441.00	0.13716		
441066.60	3871438.00	0.12447	441166.50
3871435.00	0.11594		
441266.50	3871432.00	0.11508	441366.40
3871429.00	0.11882		
441466.40	3871426.00	0.12791	441566.40
3871423.00	0.13750		
441666.30	3871420.00	0.13945	441766.30
3871417.00	0.14449		
441866.20	3871415.00	0.14764	441966.20
3871412.00	0.14041		
442066.10	3871409.00	0.14028	442166.10
3871406.00	0.13431		
440693.20	3872567.00	14.01738	440695.70
3872667.00	34.70514		
440696.30	3872690.00	31.12335	440596.30
3872692.00	49.44957		
440496.30	3872695.00	55.93940	440495.40
3872695.00	56.01022		
440496.80	3872723.00	42.49379	440396.80
3872722.00	50.40479		
440296.80	3872722.00	49.13535	440196.80
3872721.00	48.83375		
440096.80	3872720.00	47.59764	439996.80
3872720.00	42.29338		
439896.80	3872719.00	24.05501	439887.70

3872719.00	20.39045			
	439885.90	3872619.00	21.63369	439885.10
3872574.00	11.50211			
	439985.10	3872573.00	20.12660	440085.10
3872572.00	23.46227			
	440185.10	3872571.00	24.25593	440285.10
3872570.00	24.44361			

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*** AERMOD - VERSION 19191 ***
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*** AERMET - VERSION 14134 ***
***                               ***
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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1001B  
 INCLUDING SOURCE(S): 1001B ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)
Y-COORD (M)	CONC		
440385.10	3872570.00	24.82525	440485.10
3872569.00	24.36964		
440585.10	3872568.00	22.45351	440685.10
3872567.00	15.17577		
440685.70	3872275.00	1.43697	440688.30
3872375.00	2.24410		
440690.80	3872475.00	4.04264	440692.00
3872520.00	6.02162		
440592.00	3872522.00	8.46459	440492.00
3872523.00	9.81814		
440392.00	3872525.00	10.58527	440292.00
3872526.00	10.86772		
440192.10	3872528.00	10.81513	440092.10
3872529.00	10.17943		
439992.10	3872531.00	8.85205	439892.10
3872532.00	6.44107		
439884.50	3872532.00	6.16139	439883.00
3872432.00	2.81406		
439881.50	3872332.00	1.75042	439880.80
3872278.00	1.42135		
439980.80	3872278.00	1.69204	440080.80

3872277.00	1.78877				
	440180.80	3872277.00	1.79635		440280.80
3872277.00	1.79938				
	440380.80	3872276.00	1.78781		440480.80
3872276.00	1.72028				
	440580.80	3872275.00	1.55379		440680.80
3872275.00	1.44485				

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*** AERMOD - VERSION 19191 ***
***                               ***
***                               09/10/20
*** AERMET - VERSION 14134 ***
***                               ***
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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: 1001C \*\*\*

INCLUDING SOURCE(S): 1001C ,

\*\*\* NETWORK ID: COURSE ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD (METERS)	X-COORD (METERS)				
	430733.00	431233.00	431733.00	432233.00	432733.00
433233.00	433733.00	434233.00	434733.00		

3879761.00		0.00994	0.00884	0.01179	0.01397	0.01613
0.01746		0.01764	0.02049	0.02732		
3879261.00		0.01242	0.01122	0.01058	0.01206	0.01488
0.01751		0.01921	0.01929	0.02349		
3878761.00		0.01319	0.01379	0.01253	0.01139	0.01271
0.01595		0.01902	0.02075	0.02148		
3878261.00		0.01097	0.01343	0.01505	0.01428	0.01271
0.01355		0.01718	0.02100	0.02285		
3877761.00		0.00967	0.01089	0.01324	0.01579	0.01621
0.01454		0.01473	0.01858	0.02314		
3877261.00		0.01018	0.01037	0.01113	0.01300	0.01612
0.01813		0.01696	0.01628	0.02018		
3876761.00		0.01331	0.01217	0.01164	0.01189	0.01315
0.01610		0.01962	0.01987	0.01842		
3876261.00		0.01664	0.01685	0.01580	0.01432	0.01356
0.01401		0.01618	0.02042	0.02296		
3875761.00		0.01690	0.01777	0.01914	0.01999	0.01917
0.01734		0.01624	0.01697	0.02074		
3875261.00		0.02020	0.02074	0.02087	0.02126	0.02261

0.02409	0.02387	0.02154	0.01991		
3874761.00		0.01514	0.01856	0.02217	0.02511 0.02656
0.02708	0.02797	0.02982	0.03063		
3874261.00		0.01128	0.01217	0.01375	0.01644 0.02072
0.02617	0.03177	0.03569	0.03771		
3873761.00		0.01212	0.01283	0.01358	0.01439 0.01532
0.01667	0.01906	0.02365	0.03150		
3873261.00		0.01428	0.01493	0.01561	0.01642 0.01745
0.01866	0.02009	0.02182	0.02387		
3872761.00		0.02000	0.02128	0.02271	0.02422 0.02604
0.02808	0.03041	0.03317	0.03650		
3872261.00		0.01899	0.02040	0.02197	0.02384 0.02601
0.02855	0.03158	0.03540	0.04010		
3871761.00		0.01515	0.01613	0.01727	0.01859 0.02035
0.02252	0.02525	0.02891	0.03372		
3871261.00		0.01492	0.01649	0.01825	0.01997 0.02176
0.02329	0.02431	0.02492	0.02497		
3870761.00		0.01470	0.01481	0.01485	0.01455 0.01428
0.01414	0.01427	0.01491	0.01635		
3870261.00		0.00971	0.00965	0.00970	0.00995 0.01035
0.01123	0.01263	0.01516	0.01952		
3869761.00		0.00754	0.00786	0.00846	0.00929 0.01063
0.01289	0.01617	0.02071	0.02654		
3869261.00		0.00722	0.00810	0.00941	0.01143 0.01374
0.01690	0.02053	0.02430	0.02808		
3868761.00		0.00852	0.01005	0.01204	0.01426 0.01666
0.01917	0.02161	0.02260	0.02250		
3868261.00		0.01068	0.01236	0.01410	0.01583 0.01758
0.01846	0.01803	0.01862	0.02001		
3867761.00		0.01233	0.01358	0.01490	0.01579 0.01536
0.01493	0.01608	0.01685	0.01511		
3867261.00		0.01310	0.01401	0.01379	0.01288 0.01305
0.01423	0.01432	0.01250	0.01115		
3866761.00		0.01296	0.01199	0.01153	0.01201 0.01271
0.01228	0.01051	0.00961	0.01050		
3866261.00		0.00994	0.01041	0.01117	0.01146 0.01059
0.00900	0.00844	0.00948	0.01032		
3865761.00		0.00964	0.01035	0.01030	0.00919 0.00779
0.00746	0.00855	0.01052	0.00641		
3865261.00		0.00949	0.00916	0.00802	0.00687 0.00667
0.00808	0.01049	0.00827	0.00490		
3864761.00		0.00811	0.00706	0.00610	0.00605 0.00728
0.00950	0.01003	0.00705	0.00530		

\*\*\* AERMOD - VERSION 19191 \*\*\* \*\*\*

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\*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*

\*\*\* 07:21:22

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1001C \*\*\*  
 INCLUDING SOURCE(S): 1001C ,

\*\*\* NETWORK ID: COURSE ; NETWORK TYPE:  
 GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3  
 \*\*

Y-COORD (METERS)	435233.00	435733.00	436233.00	436733.00	X-COORD (METERS) 437233.00
437733.00	438233.00	438733.00	439233.00		

3879761.00	0.03196	0.03517	0.03708	0.03793	0.04592
0.04912	0.04648	0.05444	0.06569		
3879261.00	0.03087	0.03594	0.03911	0.03523	0.03945
0.05342	0.04991	0.05626	0.07059		
3878761.00	0.02739	0.03680	0.03999	0.04291	0.04190
0.05667	0.05787	0.05866	0.07527		
3878261.00	0.02503	0.03297	0.04230	0.04666	0.04543
0.05358	0.06447	0.06499	0.08253		
3877761.00	0.02532	0.02819	0.03873	0.04312	0.04465
0.05012	0.06981	0.07182	0.08804		
3877261.00	0.02582	0.02863	0.03354	0.04652	0.05511
0.06004	0.07278	0.08113	0.09472		
3876761.00	0.02198	0.02906	0.03301	0.04111	0.05813
0.06660	0.07500	0.09037	0.10348		
3876261.00	0.02162	0.02460	0.03333	0.03893	0.05240
0.07014	0.07843	0.09898	0.11695		
3875761.00	0.02569	0.02602	0.02819	0.03908	0.04796
0.06699	0.08895	0.11050	0.12824		
3875261.00	0.02164	0.02775	0.03180	0.03386	0.04709
0.06185	0.09187	0.12248	0.14752		
3874761.00	0.02820	0.02592	0.02990	0.03825	0.04253
0.05874	0.08737	0.13392	0.16648		
3874261.00	0.03994	0.04221	0.03973	0.03699	0.04521
0.05599	0.07921	0.13333	0.22510		
3873761.00	0.04230	0.05277	0.05984	0.06500	0.06358
0.06140	0.07772	0.12188	0.23230		
3873261.00	0.02666	0.03141	0.04143	0.06181	0.09114
0.11769	0.12761	0.13656	0.25245		
3872761.00	0.04059	0.04558	0.05160	0.05926	0.06990
0.08656	0.12671	0.23546	0.45378		
3872261.00	0.04619	0.05414	0.06461	0.07929	0.10137
0.13639	0.19534	0.30719	0.58435		
3871761.00	0.03965	0.04665	0.05409	0.06061	0.06597

0.07386	0.10290	0.21558	0.37495		
3871261.00		0.02499	0.02571	0.02822	0.03535 0.05366
0.09537	0.14571	0.15584	0.19176		
3870761.00		0.01920	0.02496	0.03627	0.05607 0.08045
0.08831	0.07483	0.09259	0.12766		
3870261.00		0.02667	0.03704	0.04930	0.05614 0.05556
0.04928	0.05559	0.07606	0.06317		
3869761.00		0.03339	0.03872	0.03937	0.03930 0.03344
0.03433	0.04508	0.04726	0.03559		
3869261.00		0.02909	0.02966	0.02976	0.02303 0.02623
0.02038	0.01815	0.02358	0.02369		
3868761.00		0.02392	0.02329	0.01778	0.02081 0.02094
0.01804	0.01272	0.01384	0.01751		
3868261.00		0.01861	0.01362	0.01713	0.01725 0.01317
0.00838	0.00773	0.00993	0.01433		
3867761.00		0.01191	0.01397	0.01415	0.01119 0.00797
0.00650	0.00663	0.00819	0.01228		
3867261.00		0.01233	0.01384	0.01005	0.00799 0.00604
0.00565	0.00575	0.00717	0.01028		
3866761.00		0.01091	0.00812	0.00668	0.00584 0.00509
0.00541	0.00534	0.00652	0.00871		
3866261.00		0.00751	0.00615	0.00534	0.00491 0.00483
0.00484	0.00470	0.00594	0.00746		
3865761.00		0.00502	0.00496	0.00476	0.00430 0.00463
0.00424	0.00426	0.00525	0.00630		
3865261.00		0.00471	0.00461	0.00412	0.00416 0.00437
0.00388	0.00421	0.00518	0.00533		
3864761.00		0.00455	0.00415	0.00374	0.00409 0.00395
0.00375	0.00419	0.00500	0.00495		

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1001C \*\*\*

INCLUDING SOURCE(S): 1001C ,

\*\*\* NETWORK ID: COURSE ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD					X-COORD (METERS)
(METERS)		439733.00	440233.00	440733.00	441233.00 441733.00
442233.00		442733.00	443233.00	443733.00	

3879761.00	0.05223	0.03775	0.02713	0.02611	0.02330
0.01623	0.01310	0.01210	0.01369		
3879261.00	0.05948	0.04168	0.03028	0.02993	0.02501
0.01779	0.01528	0.01577	0.01581		
3878761.00	0.06985	0.04778	0.03533	0.03747	0.02900
0.02112	0.01785	0.01616	0.01926		
3878261.00	0.08221	0.05554	0.04187	0.04447	0.03396
0.02634	0.02271	0.01994	0.02280		
3877761.00	0.09472	0.06253	0.04641	0.05150	0.04118
0.03199	0.02868	0.02802	0.02532		
3877261.00	0.10721	0.07496	0.05753	0.05999	0.04573
0.03735	0.03907	0.03870	0.03081		
3876761.00	0.12237	0.08213	0.07001	0.07068	0.05143
0.04565	0.05327	0.04702	0.03952		
3876261.00	0.13927	0.10853	0.08566	0.07865	0.05194
0.06034	0.06525	0.05437	0.04580		
3875761.00	0.16603	0.13461	0.10517	0.05815	0.05384
0.07847	0.07698	0.06276	0.05425		
3875261.00	0.18248	0.17211	0.13153	0.11004	0.10258
0.10697	0.08875	0.07604	0.07163		
3874761.00	0.19234	0.22744	0.16822	0.14442	0.14878
0.13146	0.10975	0.10047	0.08891		
3874261.00	0.32244	0.31463	0.23746	0.21836	0.21136
0.17263	0.15024	0.11754	0.07701		
3873761.00	0.43173	0.51077	0.40032	0.37403	0.31369
0.24239	0.15314	0.08674	0.05568		
3873261.00	0.68626	1.08231	0.94501	0.75036	0.43315
0.20119	0.10865	0.07222	0.05368		
3872761.00	1.45060	4.92401	3.64746	1.00886	0.34094
0.18831	0.12598	0.09229	0.07094		
3872261.00	2.43218	11.69098	5.07262	0.90059	0.39617
0.23286	0.15784	0.11524	0.08848		
3871761.00	0.51997	0.71964	0.56666	0.45409	0.30852
0.15571	0.10444	0.07631	0.05445		
3871261.00	0.21323	0.27432	0.23193	0.13353	0.16634
0.15088	0.11905	0.06668	0.04041		
3870761.00	0.09835	0.13797	0.12581	0.07042	0.05158
0.07648	0.07445	0.04890	0.06005		
3870261.00	0.06625	0.08050	0.08028	0.04101	0.03160
0.02316	0.02745	0.04107	0.02773		
3869761.00	0.04429	0.06581	0.04973	0.02419	0.01748
0.01607	0.01342	0.01682	0.02267		
3869261.00	0.03160	0.04237	0.03850	0.01641	0.01233
0.01085	0.01052	0.01156	0.01066		
3868761.00	0.02320	0.02888	0.03726	0.01502	0.00749
0.00770	0.00705	0.00881	0.00849		
3868261.00	0.01793	0.02069	0.03047	0.02035	0.00994



0.00731	0.00665	0.00652	0.00787		
3867761.00	0.01384	0.01489	0.02204	0.01705	0.01165
0.00827	0.00796	0.00514	0.00673		
3867261.00	0.01098	0.01138	0.01603	0.01379	0.00989
0.00717	0.00754	0.00689	0.00457		
3866761.00	0.00862	0.00855	0.01075	0.01009	0.00793
0.00676	0.00533	0.00670	0.00452		
3866261.00	0.00654	0.00652	0.00747	0.00721	0.00646
0.00614	0.00433	0.00516	0.00538		
3865761.00	0.00525	0.00542	0.00571	0.00540	0.00509
0.00513	0.00423	0.00344	0.00494		
3865261.00	0.00447	0.00467	0.00499	0.00452	0.00429
0.00449	0.00401	0.00293	0.00379		
3864761.00	0.00410	0.00420	0.00457	0.00408	0.00374
0.00397	0.00375	0.00298	0.00266		

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1001C \*\*\*  
 INCLUDING SOURCE(S): 1001C ,

\*\*\* NETWORK ID: COURSE ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD (METERS)		444233.00	444733.00	445233.00	X-COORD (METERS) 445733.00
---------------------	--	-----------	-----------	-----------	-------------------------------

3879761.00		0.01309	0.01367	0.01249	0.01275
3879261.00		0.01568	0.01473	0.01399	0.01534
3878761.00		0.01802	0.01594	0.01694	0.01770
3878261.00		0.01906	0.01967	0.02044	0.01853
3877761.00		0.02259	0.02501	0.02177	0.01957
3877261.00		0.02966	0.02748	0.02418	0.02689
3876761.00		0.03438	0.03102	0.03305	0.03052
3876261.00		0.04009	0.04209	0.03681	0.03785
3875761.00		0.05377	0.04927	0.04674	0.04043
3875261.00		0.06709	0.05922	0.04490	0.03207
3874761.00		0.06803	0.04675	0.03270	0.02369
3874261.00		0.04953	0.03488	0.02693	0.02205

3873761.00	0.04062	0.03194	0.02627	0.02233
3873261.00	0.04266	0.03544	0.03039	0.02653
3872761.00	0.05684	0.04684	0.03944	0.03365
3872261.00	0.07024	0.05716	0.04717	0.03936
3871761.00	0.04271	0.03739	0.03268	0.02863
3871261.00	0.03727	0.03786	0.03103	0.02315
3870761.00	0.04203	0.02487	0.01906	0.01915
3870261.00	0.02925	0.03987	0.02801	0.01881
3869761.00	0.02422	0.01237	0.01156	0.02238
3869261.00	0.01525	0.01764	0.00946	0.00814
3868761.00	0.00948	0.01053	0.01088	0.01018
3868261.00	0.00787	0.00703	0.00609	0.00704
3867761.00	0.00673	0.00623	0.00537	0.00406
3867261.00	0.00568	0.00526	0.00511	0.00477
3866761.00	0.00417	0.00456	0.00430	0.00437
3866261.00	0.00348	0.00351	0.00347	0.00371
3865761.00	0.00384	0.00291	0.00288	0.00294
3865261.00	0.00420	0.00291	0.00245	0.00240
3864761.00	0.00387	0.00316	0.00239	0.00196

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1001C \*\*\*

INCLUDING SOURCE(S): 1001C ,

\*\*\* NETWORK ID: BORON ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD (METERS)	X-COORD (METERS)			
	439957.60	440007.60	440057.60	440107.60 440157.60
440207.60	440257.60	440307.60	440357.60	

3874057.00	0.38310	0.38231	0.38002	0.37755	0.37581
0.37484	0.37325	0.36978	0.36330		
3874007.00	0.39800	0.39804	0.39708	0.39508	0.39330
0.39161	0.39124	0.38770	0.38043		
3873957.00	0.41504	0.41599	0.41593	0.41458	0.41329
0.41200	0.41082	0.40688	0.39975		
3873907.00	0.43335	0.43571	0.43650	0.43645	0.43561

0.43432	0.43219	0.42827	0.42099		
3873857.00		0.45381	0.45675	0.45897	0.46026
0.45881	0.45642	0.45137	0.44442		0.46030
3873807.00		0.47538	0.48002	0.48332	0.48593
0.48548	0.48221	0.47729	0.46977		0.48681
3873757.00		0.49989	0.50538	0.51008	0.51393
0.51485	0.51157	0.50584	0.49795		0.51588
3873707.00		0.52637	0.53320	0.53908	0.54455
0.54759	0.54410	0.53747	0.52944		0.54779
3873657.00		0.55590	0.56392	0.57101	0.57818
0.58346	0.57990	0.57369	0.56447		0.58290
3873607.00		0.58868	0.59746	0.60699	0.61532
0.62321	0.61980	0.61310	0.60332		0.62198
3873557.00		0.62436	0.63527	0.64651	0.65660
0.66738	0.66441	0.65821	0.64796		0.66494
3873507.00		0.66505	0.67803	0.69125	0.70389
0.71745	0.71488	0.70750	0.69831		0.71322
3873457.00		0.71051	0.72620	0.74147	0.75607
0.77273	0.77086	0.76403	0.75560		0.76742
3873407.00		0.76131	0.78058	0.79925	0.81575
0.83559	0.83617	0.82972	0.82188		0.82833
3873357.00		0.81821	0.84207	0.86431	0.88396
0.90667	0.91025	0.90761	0.90252		0.89830
3873307.00		0.88224	0.91181	0.93867	0.96186
0.99002	0.99512	0.99839	0.99750		0.97881
3873257.00		0.95494	0.99093	1.02447	1.05281
1.08524	1.09420	1.10165	1.11014		1.07220
3873207.00		1.04084	1.08620	1.12658	1.15944
1.20477	1.22117	1.23226	1.23903		1.18636
3873157.00		1.13804	1.19121	1.24092	1.28611
1.34569	1.36383	1.38019	1.39142		1.31605
3873107.00		1.24963	1.31997	1.38072	1.42970
1.50596	1.53322	1.55773	1.57757		1.47202
3873057.00		1.38715	1.46769	1.54070	1.60555
1.70175	1.74812	1.78497	1.81216		1.65840
3873007.00		1.55267	1.65268	1.74241	1.81759
1.95004	2.01266	2.05910	2.09538		1.88525
3872957.00		1.74682	1.87082	1.98291	2.08640
2.26286	2.33952	2.41486	2.45765		2.17717
3872907.00		1.99855	2.15463	2.29301	2.41841
2.66749	2.77464	2.85370	2.90996		2.54921
3872857.00		2.31537	2.51272	2.70025	2.86972
3.19218	3.32798	3.44572	3.51187		3.03590
3872807.00		2.74608	3.00093	3.23596	3.46691
3.91246	4.07914	4.22359	4.31395		3.70953
3872757.00		3.35211	3.69470	4.03019	4.34773
4.91158	5.12972	5.27869	5.36856		4.65234
3872707.00		4.25389	4.75800	5.23753	5.69123
6.36669	6.59479	6.76647	6.89036		6.06507
3872657.00		5.74621	6.54146	7.24340	7.88280
					8.33420

8.66436	8.89194	9.03916	9.09944		
3872607.00		8.56575	9.99017	11.04470	11.81178 12.29825
12.53445	12.80762	12.89597	12.90784		
3872557.00		16.17676	18.43153	19.79594	20.50792 20.90443
21.10266	21.15981	21.11000	21.01041		

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1001C \*\*\*

INCLUDING SOURCE(S): 1001C ,

\*\*\* NETWORK ID: BORON ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD (METERS)					X-COORD (METERS)	
		440407.60	440457.60	440507.60	440557.60	440607.60
440657.60	440707.60	440757.60	440807.60			

3874057.00		0.35249	0.33907	0.32405	0.30952	0.29719
0.28801	0.28224	0.27975	0.27894			
3874007.00		0.37016	0.35576	0.33973	0.32502	0.31210
0.30255	0.29713	0.29466	0.29421			
3873957.00		0.38929	0.37439	0.35756	0.34205	0.32860
0.31911	0.31372	0.31163	0.31147			
3873907.00		0.41009	0.39497	0.37762	0.36089	0.34717
0.33781	0.33246	0.33091	0.33074			
3873857.00		0.43278	0.41781	0.39951	0.38255	0.36816
0.35854	0.35362	0.35189	0.35223			
3873807.00		0.45850	0.44296	0.42436	0.40654	0.39199
0.38231	0.37705	0.37544	0.37548			
3873757.00		0.48621	0.47082	0.45184	0.43352	0.41834
0.40827	0.40351	0.40187	0.40142			
3873707.00		0.51721	0.50187	0.48273	0.46403	0.44870
0.43890	0.43285	0.43072	0.43042			
3873657.00		0.55281	0.53671	0.51800	0.49837	0.48283
0.47223	0.46630	0.46374	0.46203			
3873607.00		0.59167	0.57717	0.55811	0.53816	0.52192
0.51083	0.50418	0.50098	0.49879			
3873557.00		0.63608	0.62162	0.60395	0.58479	0.56675

0.55486	0.54718	0.54311	0.54062		
3873507.00		0.68723	0.67382	0.65740	0.63701 0.61828
0.60402	0.59579	0.59055	0.58683		
3873457.00		0.74521	0.73447	0.71899	0.69743 0.67726
0.66040	0.65049	0.64419	0.63851		
3873407.00		0.81409	0.80481	0.79021	0.76762 0.74449
0.72535	0.71230	0.70514	0.69707		
3873357.00		0.89530	0.88681	0.87284	0.84887 0.82204
0.79889	0.78413	0.77429	0.76387		
3873307.00		0.99243	0.98291	0.96917	0.94335 0.91198
0.88449	0.86638	0.85328	0.84058		
3873257.00		1.10533	1.09619	1.08053	1.05393 1.01776
0.98486	0.96128	0.94609	0.92924		
3873207.00		1.23711	1.22798	1.21020	1.17919 1.14238
1.10592	1.07678	1.05515	1.03292		
3873157.00		1.39292	1.38550	1.36840	1.33844 1.28966
1.24181	1.20595	1.17861	1.15023		
3873107.00		1.59075	1.58227	1.55890	1.51920 1.46239
1.40422	1.35935	1.32402	1.28697		
3873057.00		1.82159	1.81211	1.79248	1.74616 1.67873
1.60630	1.54841	1.50112	1.45478		
3873007.00		2.11818	2.11064	2.07799	2.02259 1.94110
1.84909	1.77243	1.70768	1.64054		
3872957.00		2.47569	2.46699	2.42828	2.35984 2.25867
2.13906	2.04755	1.95695	1.86407		
3872907.00		2.94136	2.93574	2.89177	2.80273 2.67114
2.51034	2.36600	2.23969	2.11945		
3872857.00		3.53987	3.53287	3.46889	3.35032 3.18454
2.97183	2.76886	2.59067	2.41471		
3872807.00		4.34370	4.32104	4.23163	4.07064 3.83291
3.53165	3.24615	2.99656	2.76084		
3872757.00		5.39410	5.37368	5.24843	5.02955 4.70455
4.29573	3.88262	3.52416	3.18939		
3872707.00		6.90220	6.84674	6.67514	6.38004 5.93319
5.32824	4.71369	4.19804	3.71730		
3872657.00		9.14898	9.04494	8.81648	8.42664 7.80884
6.90647	5.92349	5.09308	4.32803		
3872607.00		12.85860	12.72533	12.43966	11.92986 11.07286
9.64090	7.85295	6.34897	5.04170		
3872557.00		20.85978	20.81104	20.36671	19.71137 18.42303
15.94916	11.54874	7.95853	5.67718		

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION

VALUES FOR SOURCE GROUP: 1001C

\*\*\*

INCLUDING SOURCE(S): 1001C ,

\*\*\* NETWORK ID: BORON ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD (METERS)				X-COORD (METERS)	
441107.60	440857.60	440907.60	440957.60	441007.60	441057.60
441157.60	441207.60	441257.60			

3874057.00	0.27916	0.27817	0.27649	0.27371	0.27112
0.26953	0.26837	0.26764	0.26725		
3874007.00	0.29442	0.29383	0.29099	0.28844	0.28567
0.28387	0.28269	0.28206	0.28145		
3873957.00	0.31173	0.31034	0.30765	0.30461	0.30163
0.29974	0.29865	0.29765	0.29706		
3873907.00	0.33070	0.32956	0.32638	0.32258	0.31937
0.31718	0.31599	0.31485	0.31410		
3873857.00	0.35196	0.35014	0.34664	0.34260	0.33929
0.33671	0.33484	0.33355	0.33261		
3873807.00	0.37461	0.37223	0.36859	0.36451	0.36088
0.35804	0.35597	0.35432	0.35280		
3873757.00	0.40028	0.39671	0.39267	0.38855	0.38455
0.38102	0.37876	0.37692	0.37505		
3873707.00	0.42862	0.42525	0.42017	0.41499	0.41058
0.40719	0.40409	0.40199	0.39965		
3873657.00	0.45999	0.45595	0.45000	0.44419	0.43913
0.43549	0.43237	0.42989	0.42679		
3873607.00	0.49576	0.49059	0.48335	0.47686	0.47164
0.46700	0.46379	0.46048	0.45648		
3873557.00	0.53562	0.52883	0.52113	0.51364	0.50799
0.50298	0.49875	0.49467	0.48885		
3873507.00	0.58064	0.57162	0.56218	0.55495	0.54827
0.54274	0.53762	0.53202	0.52423		
3873457.00	0.62971	0.61905	0.60883	0.60030	0.59337
0.58673	0.58074	0.57316	0.56246		
3873407.00	0.68654	0.67401	0.66176	0.65239	0.64460
0.63719	0.62833	0.61758	0.60342		
3873357.00	0.75040	0.73537	0.72208	0.71157	0.70240
0.69342	0.68107	0.66595	0.64711		
3873307.00	0.82412	0.80705	0.79144	0.77924	0.76734
0.75479	0.73811	0.71724	0.69212		
3873257.00	0.90964	0.88948	0.87124	0.85500	0.83967
0.82122	0.79770	0.76936	0.73845		
3873207.00	1.00737	0.98208	0.95970	0.93910	0.92048

0.89390	0.86055	0.82282	0.78506		
3873157.00		1.11845	1.08764	1.06257	1.03754 1.00574
0.96734	0.92302	0.87535	0.82986		
3873107.00		1.25315	1.21386	1.17780	1.13938 1.09458
1.04237	0.98522	0.92968	0.87123		
3873057.00		1.40146	1.35082	1.30168	1.25184 1.18954
1.12037	1.05004	0.97820	0.91046		
3873007.00		1.57227	1.50896	1.44374	1.36847 1.28565
1.19737	1.10864	1.02540	0.94312		
3872957.00		1.77045	1.68112	1.58973	1.49193 1.38210
1.27096	1.16364	1.06189	0.96661		
3872907.00		1.99479	1.87778	1.74869	1.61056 1.47037
1.33793	1.20970	1.09146	0.98021		
3872857.00		2.24797	2.08390	1.90873	1.73301 1.55801
1.39402	1.24304	1.10412	0.97819		
3872807.00		2.54402	2.31246	2.07394	1.84221 1.63021
1.43518	1.25811	1.10108	0.96344		
3872757.00		2.86727	2.54722	2.23299	1.94178 1.67923
1.44934	1.25093	1.08294	0.93942		
3872707.00		3.24104	2.78316	2.36664	2.00623 1.69873
1.44475	1.23213	1.05738	0.91449		
3872657.00		3.61277	2.98208	2.46374	2.03671 1.69560
1.42411	1.20941	1.03674	0.89907		
3872607.00		3.96298	3.13314	2.51081	2.04230 1.68448
1.40968	1.19694	1.03123	0.90068		
3872557.00		4.21943	3.22950	2.54017	2.04548 1.68257
1.41197	1.20666	1.04798	0.92204		

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1001C \*\*\*

INCLUDING SOURCE(S): 1001C ,

\*\*\* NETWORK ID: BORON ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD (METERS)	X-COORD (METERS)
441307.60	441357.60 441407.60 441457.60

-----

3874057.00	0.26691	0.26666	0.26629	0.26546
3874007.00	0.28110	0.28072	0.27983	0.27806
3873957.00	0.29637	0.29567	0.29441	0.29208
3873907.00	0.31300	0.31204	0.31002	0.30702
3873857.00	0.33164	0.32970	0.32690	0.32296
3873807.00	0.35141	0.34875	0.34516	0.33997
3873757.00	0.37292	0.36966	0.36472	0.35813
3873707.00	0.39684	0.39201	0.38550	0.37800
3873657.00	0.42261	0.41624	0.40826	0.39882
3873607.00	0.45050	0.44264	0.43283	0.42178
3873557.00	0.48122	0.47076	0.45929	0.44648
3873507.00	0.51360	0.50124	0.48694	0.47265
3873457.00	0.54894	0.53364	0.51669	0.49962
3873407.00	0.58642	0.56769	0.54777	0.52786
3873357.00	0.62566	0.60307	0.57953	0.55561
3873307.00	0.66597	0.63856	0.61052	0.58232
3873257.00	0.70567	0.67252	0.63915	0.60666
3873207.00	0.74523	0.70589	0.66694	0.62874
3873157.00	0.78136	0.73542	0.69004	0.64559
3873107.00	0.81403	0.76111	0.70785	0.65736
3873057.00	0.84438	0.77988	0.71952	0.66080
3873007.00	0.86491	0.79228	0.72256	0.65735
3872957.00	0.87823	0.79381	0.71686	0.64445
3872907.00	0.87763	0.78467	0.70075	0.62498
3872857.00	0.86649	0.76638	0.67856	0.60268
3872807.00	0.84417	0.74185	0.65552	0.58176
3872757.00	0.81903	0.71895	0.63575	0.56648
3872707.00	0.79790	0.70278	0.62478	0.56043
3872657.00	0.78867	0.69941	0.62645	0.56606
3872607.00	0.79654	0.71166	0.64165	0.58296
3872557.00	0.82038	0.73686	0.66707	0.60792

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1001C \*\*\*

INCLUDING SOURCE(S): 1001C ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M) Y-COORD (M) CONC X-COORD (M)



Y-COORD (M)	CONC			
440683.00	3872824.00	3.19043		440288.00
3872787.00	4.55228			
440157.30	3872789.00	4.00611		439914.60
3872794.00	2.62421			
442261.30	3871403.00	0.16765		442263.60
3871503.00	0.17538			
442265.80	3871603.00	0.16739		442268.00
3871703.00	0.15243			
442270.30	3871803.00	0.15032		442272.50
3871903.00	0.15944			
442274.70	3872003.00	0.16846		442276.90
3872103.00	0.18318			
442279.20	3872203.00	0.20859		442281.40
3872303.00	0.23127			
442283.60	3872403.00	0.23571		442284.20
3872428.00	0.23402			
442184.30	3872431.00	0.25428		442084.30
3872435.00	0.28171			
441984.40	3872438.00	0.31419		441884.40
3872441.00	0.35323			
441784.50	3872445.00	0.40021		441684.50
3872448.00	0.45853			
441584.60	3872451.00	0.53123		441487.60
3872455.00	0.62164			
441485.00	3872355.00	0.61896		441482.40
3872255.00	0.56172			
441482.30	3872248.00	0.55670		441382.30
3872252.00	0.66230			
441283.60	3872255.00	0.80247		441281.30
3872155.00	0.71118			
441279.00	3872055.00	0.66404		441276.70
3871955.00	0.62087			
441274.30	3871855.00	0.54825		441274.10
3871844.00	0.53899			
441174.10	3871847.00	0.57051		441074.20
3871850.00	0.58878			
440974.20	3871853.00	0.60785		440874.30
3871856.00	0.63243			
440774.30	3871859.00	0.71215		440676.30
3871862.00	0.82875			
440674.00	3871762.00	0.59707		440671.70
3871662.00	0.48098			
440669.30	3871562.00	0.40474		440667.00
3871463.00	0.33457			
440666.80	3871450.00	0.32681		440766.70
3871447.00	0.28884			
440866.70	3871444.00	0.23236		440966.60

3871441.00	0.20030			
441066.60	3871438.00	0.19445		441166.50
3871435.00	0.20056			
441266.50	3871432.00	0.21454		441366.40
3871429.00	0.22691			
441466.40	3871426.00	0.22684		441566.40
3871423.00	0.22583			
441666.30	3871420.00	0.22354		441766.30
3871417.00	0.22483			
441866.20	3871415.00	0.22037		441966.20
3871412.00	0.20246			
442066.10	3871409.00	0.19070		442166.10
3871406.00	0.17655			
440693.20	3872567.00	11.53168		440695.70
3872667.00	5.84364			
440696.30	3872690.00	5.23481		440596.30
3872692.00	6.55007			
440496.30	3872695.00	7.17118		440495.40
3872695.00	7.17505			
440496.80	3872723.00	6.19914		440396.80
3872722.00	6.39764			
440296.80	3872722.00	6.22260		440196.80
3872721.00	5.84517			
440096.80	3872720.00	5.20163		439996.80
3872720.00	4.33439			
439896.80	3872719.00	3.38608		439887.70
3872719.00	3.28341			
439885.90	3872619.00	5.64435		439885.10
3872574.00	8.14640			
439985.10	3872573.00	13.86817		440085.10
3872572.00	16.68981			
440185.10	3872571.00	17.75880		440285.10
3872570.00	18.21251			

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION  
 \*\*\*  
 VALUES FOR SOURCE GROUP: 1001C  
 INCLUDING SOURCE(S): 1001C ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD (M)	X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)
3872569.00	440385.10	3872570.00	18.02403	440485.10
3872567.00	440585.10	3872568.00	16.67763	440685.10
3872375.00	440685.70	3872275.00	9.68709	440688.30
3872520.00	440690.80	3872475.00	23.96604	440692.00
3872523.00	440592.00	3872522.00	30.96155	440492.00
3872526.00	440392.00	3872525.00	32.19646	440292.00
3872529.00	440192.10	3872528.00	31.18449	440092.10
3872532.00	439992.10	3872531.00	26.50650	439892.10
3872432.00	439884.50	3872532.00	13.60928	439883.00
3872278.00	439881.50	3872332.00	14.66991	439880.80
3872277.00	439980.80	3872278.00	13.26186	440080.80
3872277.00	440180.80	3872277.00	15.86176	440280.80
3872276.00	440380.80	3872276.00	16.18069	440480.80
3872275.00	440580.80	3872275.00	14.62668	440680.80

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

VALUES FOR SOURCE GROUP: 1001A \*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 INCLUDING SOURCE(S): 1001A ,

GRIDCART \*\*\* NETWORK ID: COURSE ; NETWORK TYPE:

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD |  
(METERS) |  
432233.00

430733.00

432733.00

X-COORD (METERS)  
431733.00

-----  
-----  
3879761.0 | 41.02829 (13120417) 26.35076 (13120417) 26.44170 (11112117)  
42.17355 (11112117) 55.34415 (11112117)  
3879261.0 | 51.04176 (13120417) 49.59061 (13120417) 34.81968 (13120417)  
23.16409 (11112117) 41.42764 (11112117)  
3878761.0 | 42.05802 (13120417) 52.36216 (13120417) 53.23781 (13120417)  
42.45809 (13120417) 24.88706 (13120417)  
3878261.0 | 31.59241 (12013117) 37.56924 (13120417) 51.53275 (13120417)  
57.13083 (13120417) 51.37963 (13120417)  
3877761.0 | 42.10886 (12013117) 39.65061 (12013117) 32.81837 (12013117)  
47.39233 (13120417) 58.62802 (13120417)  
3877261.0 | 38.45344 (12013117) 44.39018 (12013117) 45.91136 (12013117)  
42.00247 (12013117) 41.71678 (13120417)  
3876761.0 | 44.86568 (13121208) 37.16762 (13121208) 42.79254 (12013117)  
49.05727 (12013117) 50.16554 (12013117)  
3876261.0 | 50.61931 (10102917) 52.65122 (13121208) 51.00765 (13121208)  
43.93306 (13121208) 48.06255 (12013117)  
3875761.0 | 48.49424 (10020408) 48.24961 (10102917) 54.71036 (10102917)  
57.18467 (13121208) 57.67359 (13121208)  
3875261.0 | 47.79276 (12121907) 52.05503 (10020408) 55.50542 (10020408)  
54.11820 (10020408) 58.46845 (10102917)  
3874761.0 | 53.61534 (12121907) 58.51447 (12121907) 59.71713 (12121907)  
57.33433 (12121907) 60.02259 (10020408)  
3874261.0 | 24.28022 (12121907) 35.38611 (12121907) 47.69886 (12121907)  
58.71447 (12121907) 66.68941 (12121907)  
3873761.0 | 19.17188 (12122017) 18.71366 (12122017) 17.88416 (12122017)  
19.92975 (12121907) 32.52518 (12121907)  
3873261.0 | 18.08781 (12122017) 20.30123 (12122017) 22.13311 (12122017)  
23.66450 (12122017) 24.91199 (12122017)  
3872761.0 | 33.22496 (13121007) 32.78654 (13121007) 32.28635 (13121007)  
31.61290 (13121007) 30.99338 (13121007)  
3872261.0 | 61.08495 (13121007) 63.54670 (13121007) 66.01065 (13121007)  
68.65597 (13121007) 71.31109 (13121007)  
3871761.0 | 40.06620 (13121007) 43.09870 (13121007) 46.47739 (13121007)  
50.14909 (13121007) 54.59732 (13121007)  
3871261.0 | 38.92798 (11122207) 42.61815 (11122207) 46.71622 (11122207)  
50.91406 (11122207) 55.82233 (11122207)  
3870761.0 | 45.99359 (11122207) 47.58260 (11122207) 49.38914 (11122207)  
50.38229 (11122207) 58.34296 (09113007)  
3870261.0 | 59.61689 (09113007) 65.22287 (09113007) 69.57745 (09113007)  
72.55212 (09113007) 72.61860 (09113007)  
3869761.0 | 46.65143 (09113007) 43.73537 (09112517) 47.68915 (09112517)  
49.91768 (09112517) 50.68669 (09112517)  
3869261.0 | 38.15439 (09112517) 37.12034 (09112517) 34.80495 (09112517)

31.73983 (09112517)	26.40349 (09112517)		
3868761.0   21.24730 (09112517)	17.47001 (09112517)	14.23701 (10110217)	
15.26870 (10110217)	18.72129 (10102007)		
3868261.0   12.97540 (10110217)	14.22985 (10102007)	18.38068 (10102007)	
23.07473 (10102007)	36.22695 (12011217)		
3867761.0   18.21604 (10102007)	24.85724 (12011217)	36.18971 (12011217)	
44.08666 (12011217)	44.15492 (12011217)		
3867261.0   36.75111 (12011217)	41.87218 (12011217)	39.59669 (12011217)	
45.93700 (09011517)	49.22903 (09011517)		
3866761.0   38.56388 (12011217)	45.62561 (09011517)	49.48123 (09011517)	
42.20718 (12112717)	51.43060 (12112717)		
3866261.0   49.07679 (09011517)	39.64270 (09011517)	49.03596 (12112717)	
45.32156 (12112717)	43.45128 (12122817)		
3865761.0   47.23073 (12112717)	46.66248 (12112717)	39.13288 (12122817)	
37.49272 (12122817)	39.25800 (11111017)		
3865261.0   37.04706 (12112717)	35.89507 (12122817)	31.81385 (11111017)	
36.83883 (11111017)	38.33386 (09013007)		
3864761.0   30.52727 (12122817)	31.66605 (11111017)	32.94677 (11111017)	
38.01682 (09013007)	40.56757 (09013007)		

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

VALUES FOR SOURCE GROUP: 1001A \*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 INCLUDING SOURCE(S): 1001A ,

GRIDCART \*\*\* \*\* NETWORK ID: COURSE ; NETWORK TYPE:

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

Y-COORD			X-COORD (METERS)
(METERS)	433233.00	433733.00	434233.00
	434733.00	435233.00	

3879761.0	55.68082 (11112117)	38.77075 (11112117)	31.92051 (10012807)
29.15227 (09012607)	49.76482 (09012607)		
3879261.0	56.75754 (11112117)	62.07065 (11112117)	42.23329 (11112117)
33.33101 (10012807)	34.09213 (09012607)		
3878761.0	40.94102 (11112117)	57.35442 (11112117)	63.45230 (11112117)
46.82462 (11112117)	35.18473 (10012807)		
3878261.0	34.87715 (13120417)	40.42463 (11112117)	59.05799 (11112117)

67.31318 (11112117)	57.60255 (11112117)		
3877761.0   59.30942 (13120417)	46.86270 (13120417)	39.77608 (11112117)	
59.38837 (11112117)	70.50844 (11112117)		
3877261.0   57.71797 (13120417)	65.09779 (13120417)	58.60700 (13120417)	
38.99897 (11112117)	60.07123 (11112117)		
3876761.0   44.93370 (12013117)	54.17854 (13120417)	67.39184 (13120417)	
68.18288 (13120417)	51.66742 (13120417)		
3876261.0   55.07002 (12013117)	55.36546 (12013117)	48.21445 (12013117)	
66.36104 (13120417)	75.34415 (13120417)		
3875761.0   52.00127 (13121208)	54.73759 (12013117)	61.59388 (12013117)	
60.93682 (12013117)	62.77163 (13120417)		
3875261.0   62.32816 (10102917)	64.78958 (13121208)	60.70760 (13121208)	
62.05652 (12013117)	69.73213 (12013117)		
3874761.0   62.93682 (10020408)	61.21976 (10102917)	68.77274 (10102917)	
72.22316 (13121208)	71.11829 (13121208)		
3874261.0   69.67839 (12121907)	68.59145 (12121907)	70.19389 (10020408)	
72.64760 (10020408)	76.63071 (10102917)		
3873761.0   48.19173 (12121907)	64.20236 (12121907)	76.76040 (12121907)	
83.08867 (12121907)	83.93157 (12121907)		
3873261.0   25.57382 (12122017)	25.65631 (12122017)	27.33676 (12121907)	
47.10233 (12121907)	70.99491 (12121907)		
3872761.0   30.28111 (13121007)	29.46353 (13121007)	28.58573 (13121007)	
31.77763 (12122017)	35.22670 (12122017)		
3872261.0   73.99381 (13121007)	76.72885 (13121007)	79.78429 (13121007)	
82.95444 (13121007)	86.58605 (13121007)		
3871761.0   59.59417 (13121007)	65.21610 (13121007)	71.95201 (13121007)	
80.00880 (13121007)	89.38057 (13121007)		
3871261.0   61.19588 (11122207)	66.93859 (11122207)	73.63571 (11122207)	
80.81574 (11122207)	88.96875 (11122207)		
3870761.0   69.11930 (09113007)	80.30572 (09113007)	91.56012 (09113007)	
102.13262 (09113007)	110.77346 (09113007)		
3870261.0   70.66334 (09113007)	65.01683 (09113007)	67.81863 (09112517)	
71.86309 (09112517)	73.38257 (09112517)		
3869761.0   50.20969 (09112517)	47.04474 (09112517)	41.81894 (09112517)	
35.01018 (09112517)	28.25225 (10102007)		
3869261.0   21.17522 (09112517)	19.00460 (10102007)	26.14817 (10102007)	
35.93523 (12011217)	60.76900 (12011217)		
3868761.0   24.51404 (10102007)	36.21372 (12011217)	53.52273 (12011217)	
62.83039 (12011217)	74.04655 (09011517)		
3868261.0   47.98847 (12011217)	51.68599 (12011217)	60.32909 (09011517)	
67.20812 (09011517)	81.80583 (12112717)		
3867761.0   50.99917 (09011517)	56.08526 (09011517)	62.62566 (12112717)	
68.74076 (12112717)	64.76072 (12122817)		
3867261.0   49.75339 (12112717)	58.60754 (12112717)	55.97144 (12122817)	
53.54771 (11111017)	65.29896 (11111017)		
3866761.0   46.34952 (12112717)	48.21987 (12122817)	51.16975 (11111017)	
63.78921 (09013007)	58.64194 (09013007)		
3866261.0   40.36877 (11111017)	46.20762 (11111017)	52.74766 (09013007)	
53.32436 (09013007)	17.63743 (12031507)		
3865761.0   39.87059 (11111017)	49.51927 (09013007)	48.72369 (09013007)	

16.57686 (12031507) 10.35808 (09092807)  
 3865261.0 | 45.26159 (09013007) 40.48522 (09013007) 18.24431 (12031507)  
 11.22297 (09092807) 9.03490 (09092807)  
 3864761.0 | 31.64431 (09013007) 16.23035 (12031507) 16.93525 (12031507)  
 11.34961 (09092807) 5.54661 (13120609)

\*\*\* AERMOD - VERSION 19191 \*\*\* \*\*

\*\*\* 09/10/20

\*\*\* AERMET - VERSION 14134 \*\*\* \*\*

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1001A \*\*\*  
 INCLUDING SOURCE(S): 1001A ,

\*\*\* NETWORK ID: COURSE ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

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Y-COORD			X-COORD (METERS)
(METERS)	435733.00	436233.00	436733.00
	437233.00	437733.00	

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 -----  
 3879761.0 | 68.44043 (09012607) 69.57931 (12110107) 69.03791 (12110107)  
 73.98971 (13123017) 68.70557 (13123017)  
 3879261.0 | 57.25188 (09012607) 82.36376 (09012607) 84.41709 (12110107)  
 61.70986 (12110107) 85.54419 (13123017)  
 3878761.0 | 46.37834 (09012607) 75.01310 (09012607) 86.67615 (09012607)  
 89.01614 (12110107) 83.93586 (13123017)  
 3878261.0 | 38.96092 (10012807) 56.81047 (09012607) 77.27092 (09012607)  
 68.71222 (09012607) 70.88617 (12110107)  
 3877761.0 | 58.07840 (11112117) 39.62280 (10012807) 50.32331 (09012607)  
 73.59882 (09012607) 75.60378 (12110107)  
 3877261.0 | 74.96530 (11112117) 65.22277 (11112117) 41.90005 (10012807)  
 64.14483 (09012607) 95.40000 (09012607)  
 3876761.0 | 60.58075 (11112117) 79.71913 (11112117) 73.57920 (11112117)  
 50.41537 (09012607) 82.73526 (09012607)  
 3876261.0 | 67.20583 (13120417) 61.70771 (11112117) 84.11034 (11112117)  
 84.68401 (11112117) 56.84524 (09012607)  
 3875761.0 | 78.46861 (13120417) 81.04185 (13120417) 63.41802 (11112117)  
 89.65248 (11112117) 93.40447 (11112117)  
 3875261.0 | 67.78273 (12013117) 78.77978 (13120417) 92.02337 (13120417)  
 82.78101 (13120417) 94.56847 (11112117)  
 3874761.0 | 72.33283 (12013117) 80.85089 (12013117) 77.81686 (12013117)

97.38564 (13120417)	102.95696 (13120417)		
3874261.0   82.06723 (13121208)	83.56332 (13121208)	86.60870 (12013117)	
95.31453 (12013117)	98.31459 (13120417)		
3873761.0   85.13258 (10020408)	87.00846 (10020408)	95.16352 (10102917)	
99.66538 (13121208)	105.80106 (12013117)		
3873261.0   92.23880 (12121907)	104.16666 (12121907)	107.20710 (12121907)	
107.56761 (10020408)	113.38110 (10102917)		
3872761.0   37.82863 (12122017)	42.62913 (12121907)	78.78356 (12121907)	
118.75037 (12121907)	142.00023 (12121907)		
3872261.0   90.66974 (13121007)	95.06037 (13121007)	100.30353 (13121007)	
107.18626 (13121007)	115.67306 (13121007)		
3871761.0   100.65075 (13121007)	114.37477 (13121007)	130.83494 (13121007)	
151.47550 (13121007)	177.81850 (13121007)		
3871261.0   97.98856 (11122207)	107.05579 (11122207)	121.20107 (09113007)	
151.31114 (09113007)	189.35570 (09113007)		
3870761.0   116.43991 (09113007)	117.27725 (09113007)	118.97691 (09112517)	
141.47961 (09112517)	142.27957 (09112517)		
3870261.0   71.40436 (09112517)	65.04646 (09112517)	54.78468 (09112517)	
77.58005 (12011217)	131.01474 (12011217)		
3869761.0   41.79736 (10102007)	69.25740 (12011217)	102.60160 (12011217)	
121.23346 (09011517)	143.91492 (12112717)		
3869261.0   79.47275 (12011217)	94.87052 (09011517)	105.51846 (12112717)	
116.25209 (12112717)	56.87036 (11111017)		
3868761.0   82.53414 (09011517)	100.52383 (12112717)	99.25799 (12122817)	
83.42324 (11111017)	41.92889 (12121917)		
3868261.0   77.62896 (12112717)	85.79027 (11111017)	79.69907 (09013007)	
22.24299 (12121917)	14.47651 (09092807)		
3867761.0   80.95398 (11111017)	72.46514 (09013007)	20.59431 (12121917)	
15.11744 (09092807)	8.71065 (09092807)		
3867261.0   74.52242 (09013007)	20.63978 (12121917)	15.49275 (09092807)	
8.40081 (09092807)	5.66336 (10082007)		
3866761.0   17.12208 (12031507)	13.53868 (09092807)	9.44412 (09092807)	
5.66646 (13120609)	9.63870 (13020117)		
3866261.0   13.01562 (09092807)	7.78745 (09092807)	5.86960 (13020117)	
9.03736 (13020117)	7.31463 (10082007)		
3865761.0   7.75062 (09092807)	5.64809 (13120609)	8.85813 (13020117)	
7.50939 (13020117)	7.40458 (11082307)		
3865261.0   5.59242 (13120609)	8.95392 (13020117)	8.67312 (13020117)	
7.16343 (11082307)	6.70742 (09121009)		
3864761.0   8.92028 (13020117)	10.24488 (13020117)	6.49845 (11082307)	
6.87313 (09121009)	5.14264 (09121009)		

\*\*\* AERMOD - VERSION 19191 \*\*\*

\*\*\* 09/10/20

\*\*\* AERMET - VERSION 14134 \*\*\*

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION



VALUES FOR SOURCE GROUP: 1001A

\*\*\*  
INCLUDING SOURCE(S): 1001A ,

\*\*\* NETWORK ID: COURSE ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD			X-COORD (METERS)
(METERS)	438233.00	438733.00	439233.00
	439733.00	440233.00	

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3879761.0	68.46781 (13110817)	84.04307 (13110817)	75.27994 (12032707)
81.58778 (09102117)	77.77879 (12101107)		
3879261.0	58.80923 (09122317)	89.33127 (13110817)	82.73767 (12032707)
78.68762 (09102117)	77.21170 (12101107)		
3878761.0	82.16387 (13123017)	82.93538 (13110817)	90.01316 (13110817)
73.39228 (12032707)	90.77631 (09102117)		
3878261.0	92.96253 (13123017)	68.70731 (09122317)	102.28798 (13110817)
91.53448 (12032707)	96.62818 (09102117)		
3877761.0	81.88635 (13123017)	94.32547 (13123017)	98.02655 (13110817)
97.92379 (12032707)	100.39674 (09102117)		
3877261.0	97.29861 (12110107)	102.01043 (13123017)	81.70492 (09122317)
113.95548 (13110817)	96.16641 (09102117)		
3876761.0	99.78443 (09012607)	98.13726 (12110107)	112.53399 (13123017)
120.43000 (13110817)	116.25636 (12032707)		
3876261.0	92.09832 (09012607)	107.84219 (12110107)	124.59289 (13123017)
112.70978 (13110817)	128.27407 (13110817)		
3875761.0	69.43373 (09012607)	119.47608 (09012607)	147.05161 (12110107)
141.52892 (13123017)	135.72674 (13110817)		
3875261.0	109.36069 (11112117)	90.92685 (09012607)	158.62291 (09012607)
157.62762 (12110107)	126.99749 (13110817)		
3874761.0	102.24714 (11112117)	133.31395 (11112117)	130.53962 (09012607)
181.86323 (09012607)	153.95666 (13123017)		
3874261.0	120.02800 (13120417)	110.31384 (13120417)	162.99206 (11112117)
137.05353 (09012607)	165.11300 (12110107)		
3873761.0	115.40718 (12013117)	130.30585 (13120417)	141.62135 (13120417)
165.60137 (11112117)	173.30873 (09012607)		
3873261.0	119.91764 (13121208)	131.04504 (12013117)	147.59641 (12013117)
180.69989 (13120417)	205.74957 (11112117)		
3872761.0	143.77142 (12121907)	144.62085 (10102917)	151.06522 (13121208)
177.83601 (12013117)	219.28443 (13120417)		
3872261.0	124.66099 (13121007)	158.55596 (12121907)	223.91750 (12121907)
227.24581 (12121907)	235.85059 (12013117)		
3871761.0	211.62920 (13121007)	257.01608 (13121007)	318.76278 (13121007)
388.67452 (13121007)	476.35267 (13121007)		
3871261.0	233.75590 (09113007)	264.52806 (09113007)	312.04787 (09113007)

334.91862	(09112517)	427.44058	(10102007)		
3870761.0	131.59291	(09112517)	167.96467	(12011217)	214.65610 (10102007)
234.81696	(12112717)	233.10510	(09013007)		
3870261.0	157.95091	(09011517)	182.01893	(12112717)	173.98092 (09013007)
165.82691	(09013007)	166.92510	(09010507)		
3869761.0	133.38337	(12122817)	148.91284	(09013007)	117.68458 (09013007)
147.27860	(09010507)	171.93927	(09010207)		
3869261.0	32.22882	(12121917)	74.11657	(09013007)	104.57279 (09010507)
103.62545	(13010208)	138.23509	(09010207)		
3868761.0	25.17703	(12031507)	45.26796	(09010507)	58.98289 (10012008)
74.23443	(09010207)	94.04894	(09010207)		
3868261.0	11.55777	(09092807)	26.62772	(13020117)	30.47316 (13010208)
44.42866	(09010207)	56.67105	(09030207)		
3867761.0	10.88856	(13020117)	18.66672	(13020117)	18.15636 (11120917)
22.31153	(09030207)	31.00598	(10101507)		
3867261.0	8.96109	(13020117)	10.77915	(10020517)	12.24425 (09012908)
17.55701	(09012908)	24.18341	(10101507)		
3866761.0	8.68942	(10020517)	7.53725	(10020517)	11.59925 (09012908)
11.57177	(09012908)	14.87682	(09031707)		
3866261.0	7.45535	(09121009)	7.02746	(11121209)	9.45084 (13100407)
6.60719	(09031707)	9.49578	(09031707)		
3865761.0	6.00796	(09121009)	7.62337	(11121209)	6.79217 (13100407)
6.73868	(09090207)	7.41579	(09090207)		
3865261.0	6.54433	(11121209)	7.25295	(11121209)	4.48785 (09072207)
7.18812	(09090207)	7.41221	(10030508)		
3864761.0	7.24230	(11121209)	6.13017	(13100407)	5.13447 (09090207)
7.33007	(09090207)	7.53191	(10030508)		

\*\*\* AERMOD - VERSION 19191 \*\*\*  
 \*\*\* 09/10/20  
 \*\*\* AERMET - VERSION 14134 \*\*\*  
 \*\*\* 07:21:22

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1001A \*\*\*

INCLUDING SOURCE(S): 1001A ,

\*\*\* NETWORK ID: COURSE ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD		X-COORD (METERS)
(METERS)	440733.00	441233.00
442233.00	442733.00	441733.00

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3879761.0	76.17013 (13010917)	62.41593 (11112407)	49.90415 (12111517)
22.67754 (10021007)	12.12535 (13102417)		
3879261.0	88.29719 (13010917)	74.89970 (11112407)	61.28052 (12111517)
29.46725 (10021007)	14.52029 (13102417)		
3878761.0	102.23840 (13010917)	97.21141 (11112407)	78.12525 (12111517)
46.64370 (10021007)	23.92672 (09012717)		
3878261.0	109.42553 (13010917)	108.36075 (11112407)	91.22968 (12111517)
59.03291 (10021007)	55.09623 (09012717)		
3877761.0	111.33289 (13010917)	118.62040 (09121717)	105.66381 (12111517)
74.18122 (13120517)	79.19241 (13120517)		
3877261.0	113.10884 (13010917)	125.24968 (09121717)	112.38622 (12111517)
86.66397 (13120517)	99.33149 (09021007)		
3876761.0	115.41347 (09102117)	132.07460 (09121717)	121.32623 (12111517)
99.20187 (13120517)	107.15588 (09021007)		
3876261.0	125.05238 (09102117)	143.26742 (09121717)	137.09504 (11112407)
112.28259 (13120517)	114.95279 (10022507)		
3875761.0	128.64416 (09102117)	103.17808 (13010917)	97.63707 (12111517)
125.78965 (13120517)	120.37297 (10022507)		
3875261.0	133.52318 (12032707)	161.23422 (13010917)	171.73002 (11112407)
134.62933 (13120517)	130.37327 (09122808)		
3874761.0	155.14112 (13110817)	154.19403 (13010917)	166.74810 (11112407)
141.20621 (09021007)	137.75035 (09122808)		
3874261.0	163.35742 (13110817)	161.71412 (13010917)	180.07867 (11112407)
151.07816 (09021007)	149.26495 (11110817)		
3873761.0	196.01471 (13123017)	199.38583 (13110817)	207.19306 (11112407)
170.78541 (09021007)	181.91867 (11122017)		
3873261.0	228.83395 (09012607)	255.93742 (13110817)	255.94618 (11112407)
211.45403 (11110817)	236.87552 (12011107)		
3872761.0	284.01328 (11112117)	360.23085 (09012607)	357.16427 (11112407)
331.86310 (12011107)	336.28324 (13010717)		
3872261.0	293.99881 (12013117)	497.93759 (13120417)	438.80968 (13123017)
573.57314 (09110217)	311.31877 (09110217)		
3871761.0	619.55961 (13121007)	481.12295 (09113007)	405.38317 (09010207)
511.20155 (13121217)	331.97697 (13121217)		
3871261.0	418.23194 (10102007)	460.05847 (09010207)	410.91297 (09010207)
386.91362 (12112107)	275.71807 (12022307)		
3870761.0	264.26975 (09010207)	274.39769 (09010207)	177.47137 (10010408)
213.18090 (12112107)	194.75299 (13120607)		
3870261.0	195.97604 (09010207)	135.28877 (10101507)	95.92916 (10010408)
55.54510 (13020708)	67.33109 (09103017)		
3869761.0	117.48411 (09010207)	65.53739 (10101507)	53.88647 (09121117)
46.30356 (13020708)	28.66340 (12120608)		
3869261.0	73.77245 (09030207)	38.38710 (09121117)	30.11774 (09121117)
25.31332 (13020708)	27.33108 (12120608)		
3868761.0	78.51694 (10101507)	35.50669 (09121117)	17.37476 (09121117)
15.59786 (11121217)	17.60064 (11121307)		
3868261.0	66.61011 (10101507)	55.43929 (13020407)	27.37282 (09121117)
16.73605 (11121217)	15.56789 (11121307)		
3867761.0	46.55897 (10101507)	43.42573 (13020407)	40.45774 (10010408)

37.12192 (13020708)	25.07185 (09021307)		
3867261.0   30.84626 (10101507)	34.63668 (09121117)	29.30075 (10010408)	
34.16328 (13020708)	31.26249 (09021307)		
3866761.0   20.91354 (09100107)	24.23587 (09121117)	19.74101 (13011508)	
24.91348 (13020708)	25.09064 (12102517)		
3866261.0   16.13587 (09100107)	16.78424 (09121117)	15.08104 (13011508)	
18.85863 (13020708)	19.39753 (12102517)		
3865761.0   12.03447 (09100107)	12.06172 (09121117)	10.90625 (13011508)	
12.95208 (13020708)	15.31644 (13020708)		
3865261.0   9.68005 (09100107)	8.78534 (09121117)	9.08972 (12091907)	
11.07488 (11121217)	11.62678 (13020708)		
3864761.0   8.20507 (09100107)	7.44196 (13010107)	8.90410 (12091907)	
9.79863 (11121217)	9.51433 (13020708)		

▲ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*\*

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\*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

VALUES FOR SOURCE GROUP: 1001A \*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION \*\*\*

INCLUDING SOURCE(S): 1001A ,

\*\*\* NETWORK ID: COURSE ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD			X-COORD (METERS)
(METERS)	443233.00	443733.00	444233.00
444733.00	445233.00		

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3879761.0	9.19038 (10082507)	17.27878 (09020308)	14.84963 (12012417)
24.31494 (12013017)	23.31702 (12013017)		
3879261.0	20.05798 (09020308)	24.16400 (09122808)	22.26305 (12012417)
30.49537 (12013017)	32.45203 (10102517)		
3878761.0	15.82188 (09020308)	37.26639 (12012417)	32.54847 (12013017)
33.82885 (12013017)	40.46410 (11110817)		
3878261.0	29.75916 (09020308)	44.94731 (12012417)	38.86185 (12013017)
47.51615 (10102517)	57.03078 (11110817)		
3877761.0	61.33475 (09122808)	57.83600 (12012417)	46.26831 (10102517)
74.45908 (11110817)	76.10958 (11122017)		
3877261.0	91.20628 (09122808)	75.77477 (12012417)	74.71183 (11110817)
89.75982 (11110817)	87.95674 (11122017)		
3876761.0	104.21564 (09122808)	72.72365 (10102517)	103.86475 (11110817)

107.14930	(11122017)	103.93835	(12122708)		
3876261.0	106.43761	(12012417)	101.63889	(11110817)	109.32129 (11122017)
110.63763	(12122708)	106.64312	(09111717)		
3875761.0	106.93022	(12012417)	124.13160	(11110817)	120.02628 (11122017)
120.77287	(09111717)	124.35291	(12011107)		
3875261.0	123.90845	(11110817)	135.38280	(11122017)	135.61099 (09111717)
135.79812	(12011107)	129.30487	(12111417)		
3874761.0	142.42258	(11110817)	146.99694	(12122708)	152.25416 (12011107)
144.98266	(12111417)	112.40427	(13010717)		
3874261.0	158.48335	(11122017)	168.41340	(12011107)	164.06042 (12111417)
141.23830	(13010717)	123.64787	(13103117)		
3873761.0	190.68176	(12011107)	185.95574	(12111417)	167.07172 (13010717)
154.50000	(13103117)	128.81203	(09110217)		
3873261.0	232.16250	(12111417)	209.15797	(13103117)	175.92176 (09110217)
126.11931	(09110217)	72.49386	(09030307)		
3872761.0	266.37484	(09110217)	180.60463	(09110217)	98.06155 (09030307)
69.21482	(09030307)	52.35408	(09011407)		
3872261.0	178.11106	(13121217)	151.20654	(13121217)	134.59076 (13121217)
122.72438	(13121217)	113.13738	(13121217)		
3871761.0	243.76818	(09111617)	195.84433	(09111617)	172.59526 (09111617)
137.28190	(09111617)	117.88287	(09111617)		
3871261.0	205.60608	(12022307)	184.58502	(12112617)	160.71199 (12112617)
141.89352	(12112617)	122.46447	(12112617)		
3870761.0	131.83724	(10110207)	116.04622	(13111317)	102.83283 (09010807)
117.50193	(12022307)	111.81924	(12022307)		
3870261.0	84.77448	(09010608)	86.34913	(13012117)	85.00441 (10031507)
78.47277	(13021307)	65.37066	(11121207)		
3869761.0	39.72019	(09010608)	35.56124	(09010608)	57.28018 (13020507)
38.02445	(10012608)	20.57973	(10012617)		
3869261.0	34.32426	(09103017)	23.71173	(09010608)	26.90141 (13022207)
27.85727	(13012117)	23.39051	(13012117)		
3868761.0	22.01621	(12120608)	17.99983	(12111317)	33.03582 (09010608)
22.68403	(13022207)	20.26235	(12112808)		
3868261.0	19.49911	(12120608)	23.86332	(09103017)	20.84779 (13120607)
19.07075	(09010608)	17.54017	(12112808)		
3867761.0	14.79171	(12120608)	20.96555	(09103017)	18.82992 (12111317)
13.67530	(09123107)	12.05948	(09020508)		
3867261.0	23.12576	(12120608)	17.70911	(12120608)	17.63787 (09103017)
12.97146	(13030807)	10.27029	(09123107)		
3866761.0	22.93410	(09021307)	19.99707	(12120608)	14.73726 (09103017)
12.11290	(12111317)	9.94147	(13030807)		
3866261.0	19.57186	(09021307)	18.46062	(12120608)	12.10571 (09103017)
12.42493	(12011117)	9.34364	(13030807)		
3865761.0	14.98842	(09021307)	12.80390	(12120608)	14.78260 (12120608)
10.54685	(12011117)	9.06312	(10040707)		
3865261.0	12.15753	(09021307)	9.93835	(11121307)	13.58441 (12120608)
7.53490	(09103017)	9.45090	(12011117)		
3864761.0	9.51453	(09021307)	10.43895	(11121307)	10.62740 (12120608)
7.61205	(12120608)	7.20555	(12011117)		

\*\*\* AERMOD - VERSION 19191 \*\*\*

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: 1001A \*\*\*  
INCLUDING SOURCE(S): 1001A ,

\*\*\* NETWORK ID: COURSE ; NETWORK TYPE:  
GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3  
\*\*

Y-COORD | X-COORD (METERS)  
(METERS) | 445733.00

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3879761.0 | 30.43674 (11110817)  
3879261.0 | 39.56165 (11110817)  
3878761.0 | 51.45408 (11122017)  
3878261.0 | 67.85718 (11122017)  
3877761.0 | 78.12508 (12122708)  
3877261.0 | 92.39264 (09111717)  
3876761.0 | 98.25052 (12011107)  
3876261.0 | 110.30427 (12011107)  
3875761.0 | 111.73293 (12111417)  
3875261.0 | 103.09013 (12111417)  
3874761.0 | 115.77387 (13010717)  
3874261.0 | 122.18824 (13103117)  
3873761.0 | 95.05332 (09110217)  
3873261.0 | 59.29028 (09030307)  
3872761.0 | 54.35227 (09011407)  
3872261.0 | 104.93332 (13121217)  
3871761.0 | 102.16538 (09111617)  
3871261.0 | 104.52157 (12112617)  
3870761.0 | 95.11187 (10012908)  
3870261.0 | 63.97663 (11121207)  
3869761.0 | 37.57077 (11121207)  
3869261.0 | 26.33766 (10031507)  
3868761.0 | 24.65052 (13012117)  
3868261.0 | 17.22463 (12112808)  
3867761.0 | 13.61477 (12112808)  
3867261.0 | 11.53406 (09020508)  
3866761.0 | 8.30547 (09123107)  
3866261.0 | 6.65185 (13030807)

3865761.0 | 7.33799 (13030807)  
3865261.0 | 8.67786 (10040707)  
3864761.0 | 8.46698 (10040707)

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: 1001A \*\*\*  
INCLUDING SOURCE(S): 1001A ,

\*\*\* NETWORK ID: BORON ; NETWORK TYPE:  
GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3  
\*\*

Y-COORD | X-COORD (METERS)  
(METERS) | 439957.60 440007.60 440057.60  
440107.60 440157.60

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-----  
3874057.0 | 150.70636 (09012607) 156.95931 (09012607) 162.25206 (09012607)  
166.75814 (09012607) 170.58282 (09012607)  
3874007.0 | 147.32509 (09012607) 154.50678 (09012607) 160.68047 (09012607)  
165.82902 (09012607) 170.26775 (09012607)  
3873957.0 | 143.36724 (09012607) 151.56147 (09012607) 158.65838 (09012607)  
164.54984 (09012607) 169.61772 (09012607)  
3873907.0 | 138.63842 (09012607) 147.88946 (09012607) 156.01597 (09012607)  
162.88347 (09012607) 168.63713 (09012607)  
3873857.0 | 147.39536 (11112117) 143.34521 (09012607) 152.60137 (09012607)  
160.59840 (09012607) 167.25557 (09012607)  
3873807.0 | 155.02789 (11112117) 151.00893 (11112117) 148.28715 (09012607)  
157.47296 (09012607) 165.23337 (09012607)  
3873757.0 | 161.54530 (11112117) 158.74722 (11112117) 154.83749 (11112117)  
153.40537 (09012607) 162.43778 (09012607)  
3873707.0 | 166.98604 (11112117) 165.19496 (11112117) 162.53696 (11112117)  
158.79275 (11112117) 158.66814 (09012607)  
3873657.0 | 171.74369 (11112117) 170.63711 (11112117) 168.90566 (11112117)  
166.47838 (11112117) 162.91865 (11112117)  
3873607.0 | 176.03955 (11112117) 175.34816 (11112117) 174.35435 (11112117)  
172.79725 (11112117) 170.62016 (11112117)  
3873557.0 | 179.71019 (11112117) 179.70844 (11112117) 179.14271 (11112117)  
178.13661 (11112117) 176.87095 (11112117)  
3873507.0 | 182.62261 (11112117) 183.64249 (11112117) 183.66873 (11112117)

183.09691 (11112117)	182.22472 (11112117)		
3873457.0   184.04719 (11112117)	186.67027 (11112117)	187.73086 (11112117)	
187.72896 (11112117)	187.18397 (11112117)		
3873407.0   183.36711 (11112117)	188.10019 (11112117)	190.93366 (11112117)	
192.04012 (11112117)	192.00535 (11112117)		
3873357.0   180.23355 (11112117)	187.26066 (11112117)	192.32204 (11112117)	
195.35296 (11112117)	196.55386 (11112117)		
3873307.0   174.72435 (11112117)	183.80347 (11112117)	191.24897 (11112117)	
196.72471 (11112117)	200.02588 (11112117)		
3873257.0   178.78358 (13120417)	177.83038 (11112117)	187.43520 (11112117)	
195.52004 (11112117)	201.41806 (11112117)		
3873207.0   186.35649 (13120417)	184.82750 (13120417)	182.85219 (13120417)	
191.45435 (11112117)	200.30800 (11112117)		
3873157.0   193.02464 (13120417)	192.23847 (13120417)	190.67862 (13120417)	
189.04816 (13120417)	195.71870 (11112117)		
3873107.0   197.56278 (13120417)	199.03155 (13120417)	198.73838 (13120417)	
197.32887 (13120417)	195.60210 (13120417)		
3873057.0   199.81026 (13120417)	202.98609 (13120417)	204.72101 (13120417)	
205.32755 (13120417)	204.50175 (13120417)		
3873007.0   198.95873 (13120417)	204.31216 (13120417)	208.41310 (13120417)	
211.02930 (13120417)	212.17032 (13120417)		
3872957.0   194.54125 (13120417)	201.69057 (13120417)	208.10593 (13120417)	
213.72057 (13120417)	217.42221 (13120417)		
3872907.0   190.63595 (12013117)	197.02595 (13120417)	204.95216 (13120417)	
212.15234 (13120417)	218.76082 (13120417)		
3872857.0   193.97495 (12013117)	196.21714 (12013117)	199.42178 (13120417)	
208.10219 (13120417)	216.20375 (13120417)		
3872807.0   196.06789 (12013117)	199.31594 (12013117)	202.21986 (12013117)	
204.68189 (12013117)	211.05806 (13120417)		
3872757.0   196.41794 (12013117)	200.46756 (12013117)	204.95397 (12013117)	
208.55662 (12013117)	212.36568 (12013117)		
3872707.0   195.26075 (12013117)	200.24058 (12013117)	205.13423 (12013117)	
210.47861 (12013117)	214.80479 (12013117)		
3872657.0   194.33425 (12013117)	199.06914 (12013117)	203.92631 (12013117)	
210.57240 (12013117)	215.69759 (12013117)		
3872607.0   192.32756 (12013117)	197.90472 (12013117)	203.34095 (12013117)	
209.24532 (12013117)	214.70074 (12013117)		
3872557.0   192.81061 (12013117)	197.42811 (12013117)	202.34348 (12013117)	
207.06909 (12013117)	212.35657 (12013117)		

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1001A \*\*\*

INCLUDING SOURCE(S): 1001A ,



\*\*\* NETWORK ID: BORON ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD			X-COORD (METERS)
(METERS)	440207.60	440257.60	440307.60
	440357.60	440407.60	

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3874057.0	173.52454 (09012607)	175.02596 (09012607)	174.49570 (09012607)	
175.06893 (12110107)	177.63462 (12110107)			
3874007.0	173.99465 (09012607)	177.03590 (09012607)	178.23248 (09012607)	
177.06219 (09012607)	179.03105 (12110107)			
3873957.0	174.08240 (09012607)	177.99541 (09012607)	180.61422 (09012607)	
181.37358 (09012607)	179.74291 (09012607)			
3873907.0	173.65011 (09012607)	178.13979 (09012607)	181.90328 (09012607)	
184.30533 (09012607)	184.67823 (09012607)			
3873857.0	172.84205 (09012607)	177.85101 (09012607)	182.24457 (09012607)	
185.97845 (09012607)	188.10951 (09012607)			
3873807.0	171.63047 (09012607)	177.08989 (09012607)	182.04594 (09012607)	
186.57017 (09012607)	190.21679 (09012607)			
3873757.0	169.91851 (09012607)	176.13546 (09012607)	181.49563 (09012607)	
186.49707 (09012607)	191.05670 (09012607)			
3873707.0	167.51230 (09012607)	174.76874 (09012607)	180.70477 (09012607)	
186.08437 (09012607)	191.11266 (09012607)			
3873657.0	164.09325 (09012607)	172.70570 (09012607)	179.70279 (09012607)	
185.49500 (09012607)	190.85309 (09012607)			
3873607.0	167.23112 (11112117)	169.67729 (09012607)	178.03402 (09012607)	
184.66599 (09012607)	190.35481 (09012607)			
3873557.0	174.86008 (11112117)	171.74141 (11112117)	175.51365 (09012607)	
183.46948 (09012607)	189.81556 (09012607)			
3873507.0	181.11204 (11112117)	179.35840 (11112117)	176.49948 (11112117)	
181.40261 (09012607)	189.01899 (09012607)			
3873457.0	186.40595 (11112117)	185.42310 (11112117)	183.98305 (11112117)	
181.53007 (11112117)	187.43810 (09012607)			
3873407.0	191.46421 (11112117)	190.80545 (11112117)	190.02530 (11112117)	
188.96851 (11112117)	186.85703 (11112117)			
3873357.0	196.50924 (11112117)	196.03666 (11112117)	195.48953 (11112117)	
195.12216 (11112117)	194.35659 (11112117)			
3873307.0	201.41776 (11112117)	201.39993 (11112117)	201.03203 (11112117)	
200.68836 (11112117)	200.44338 (11112117)			
3873257.0	205.02513 (11112117)	206.53188 (11112117)	206.67950 (11112117)	
206.55572 (11112117)	205.92419 (11112117)			
3873207.0	206.89170 (11112117)	211.08827 (11112117)	212.68478 (11112117)	
212.59899 (11112117)	211.71487 (11112117)			
3873157.0	205.52209 (11112117)	212.46202 (11112117)	216.70137 (11112117)	

218.33659	(11112117)	218.09005	(11112117)		
3873107.0	200.20916	(11112117)	210.13945	(11112117)	217.73698 (11112117)
222.57030	(11112117)	224.84285	(11112117)		
3873057.0	202.50098	(13120417)	204.68124	(11112117)	215.52437 (11112117)
223.98354	(11112117)	229.23120	(11112117)		
3873007.0	211.81184	(13120417)	210.32345	(13120417)	209.24358 (11112117)
221.01261	(11112117)	230.58861	(11112117)		
3872957.0	219.35017	(13120417)	219.51659	(13120417)	218.72369 (13120417)
216.25816	(13120417)	226.94446	(11112117)		
3872907.0	223.57804	(13120417)	226.84852	(13120417)	227.94817 (13120417)
227.28826	(13120417)	225.23808	(13120417)		
3872857.0	223.47829	(13120417)	229.56512	(13120417)	234.46644 (13120417)
236.72613	(13120417)	236.81294	(13120417)		
3872807.0	220.14661	(13120417)	228.38336	(13120417)	236.10869 (13120417)
242.02716	(13120417)	245.66463	(13120417)		
3872757.0	215.36214	(12013117)	224.02851	(13120417)	233.28277 (13120417)
241.62259	(13120417)	248.65254	(13120417)		
3872707.0	218.82103	(12013117)	222.39311	(12013117)	227.03454 (13120417)
238.14708	(13120417)	247.67470	(13120417)		
3872657.0	220.75786	(12013117)	225.61515	(12013117)	230.30851 (12013117)
234.32433	(12013117)	242.89612	(13120417)		
3872607.0	219.22431	(12013117)	226.13952	(12013117)	231.85153 (12013117)
237.55494	(12013117)	243.26868	(12013117)		
3872557.0	218.13489	(12013117)	224.28980	(12013117)	230.69933 (12013117)
237.43122	(12013117)	244.32991	(12013117)		

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1001A \*\*\*

INCLUDING SOURCE(S): 1001A ,

\*\*\* NETWORK ID: BORON ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD				X-COORD (METERS)
(METERS)		440457.60	440507.60	440557.60
		440607.60	440657.60	

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3874057.0		177.91798 (12110107)	175.28545 (12110107)	175.77314 (13123017)
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181.08230 (13123017)	184.21575 (13123017)		
3874007.0   181.07041 (12110107)	180.43242 (12110107)	176.85688 (12110107)	
181.21135 (13123017)	185.87315 (13123017)		
3873957.0   183.05948 (12110107)	184.45362 (12110107)	182.97189 (12110107)	
180.64794 (13123017)	186.71190 (13123017)		
3873907.0   183.91483 (12110107)	187.20657 (12110107)	187.84432 (12110107)	
185.21652 (12110107)	186.73996 (13123017)		
3873857.0   188.02140 (09012607)	188.60641 (12110107)	191.42640 (12110107)	
191.07403 (12110107)	187.27993 (12110107)		
3873807.0   192.13956 (09012607)	191.37706 (09012607)	193.52352 (12110107)	
195.55459 (12110107)	194.13497 (12110107)		
3873757.0   194.67643 (09012607)	196.18940 (09012607)	194.77538 (09012607)	
198.40440 (12110107)	199.49276 (12110107)		
3873707.0   195.84639 (09012607)	199.28036 (09012607)	200.36890 (09012607)	
199.81065 (12110107)	203.42778 (12110107)		
3873657.0   196.04424 (09012607)	200.85833 (09012607)	204.07749 (09012607)	
204.58733 (09012607)	205.51779 (12110107)		
3873607.0   195.85774 (09012607)	201.26863 (09012607)	206.09563 (09012607)	
209.13137 (09012607)	208.92233 (09012607)		
3873557.0   195.39451 (09012607)	201.04037 (09012607)	206.84038 (09012607)	
211.74445 (09012607)	214.42936 (09012607)		
3873507.0   195.09289 (09012607)	200.77445 (09012607)	206.66052 (09012607)	
212.74549 (09012607)	217.69069 (09012607)		
3873457.0   194.71795 (09012607)	200.65496 (09012607)	206.33847 (09012607)	
212.70249 (09012607)	219.04638 (09012607)		
3873407.0   193.79203 (09012607)	200.62920 (09012607)	206.30422 (09012607)	
212.31905 (09012607)	219.10454 (09012607)		
3873357.0   192.54574 (11112117)	200.25893 (09012607)	206.57085 (09012607)	
212.25012 (09012607)	218.58860 (09012607)		
3873307.0   199.90003 (11112117)	198.88587 (09012607)	206.74964 (09012607)	
212.68919 (09012607)	218.42111 (09012607)		
3873257.0   205.73384 (11112117)	205.63145 (11112117)	206.11816 (09012607)	
213.38938 (09012607)	219.03063 (09012607)		
3873207.0   211.09909 (11112117)	211.13513 (11112117)	211.43118 (11112117)	
213.54321 (09012607)	220.39535 (09012607)		
3873157.0   217.20844 (11112117)	216.73245 (11112117)	217.24678 (11112117)	
217.98632 (11112117)	221.11024 (09012607)		
3873107.0   224.58705 (11112117)	223.41571 (11112117)	222.70180 (11112117)	
223.14496 (11112117)	224.41828 (11112117)		
3873057.0   231.30151 (11112117)	231.31511 (11112117)	229.93430 (11112117)	
229.10488 (11112117)	229.72812 (11112117)		
3873007.0   236.52670 (11112117)	238.88131 (11112117)	238.44078 (11112117)	
236.81014 (11112117)	235.82004 (11112117)		
3872957.0   237.01604 (11112117)	243.63671 (11112117)	246.37277 (11112117)	
245.90314 (11112117)	243.99493 (11112117)		
3872907.0   233.30486 (11112117)	244.57765 (11112117)	252.05914 (11112117)	
255.24057 (11112117)	254.70799 (11112117)		
3872857.0   235.14431 (13120417)	239.81497 (11112117)	252.10420 (11112117)	
260.94063 (11112117)	264.94619 (11112117)		
3872807.0   247.05698 (13120417)	245.92080 (13120417)	246.91146 (11112117)	

260.49884 (11112117)	270.22576 (11112117)		
3872757.0   254.51240 (13120417)	257.35468 (13120417)	257.43690 (13120417)	
254.88334 (13120417)	269.81103 (11112117)		
3872707.0   256.49101 (13120417)	263.35848 (13120417)	268.02825 (13120417)	
269.79250 (13120417)	268.30516 (13120417)		
3872657.0   253.72717 (13120417)	263.55875 (13120417)	272.14125 (13120417)	
278.83657 (13120417)	282.72491 (13120417)		
3872607.0   248.65535 (12013117)	259.24721 (13120417)	270.44560 (13120417)	
280.70630 (13120417)	289.52048 (13120417)		
3872557.0   252.12965 (12013117)	258.24296 (12013117)	264.99134 (13120417)	
277.54010 (13120417)	289.41593 (13120417)		

\*\*\* AERMOD - VERSION 19191 \*\*\*  
 \*\*\* 09/10/20

\*\*\* AERMET - VERSION 14134 \*\*\*  
 \*\*\* 07:21:22

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1001A \*\*\*  
 INCLUDING SOURCE(S): 1001A ,

\*\*\* NETWORK ID: BORON ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD			X-COORD (METERS)
(METERS)	440707.60	440757.60	440807.60
440857.60	440907.60		

3874057.0	184.42741 (13123017)	181.55808 (13123017)	175.64466 (13123017)
177.20227 (13110817)	182.55942 (13110817)		
3874007.0	187.93927 (13123017)	186.72345 (13123017)	182.31013 (13123017)
177.03279 (13110817)	183.59460 (13110817)		
3873957.0	190.53623 (13123017)	191.19953 (13123017)	188.46663 (13123017)
182.64478 (13123017)	184.09857 (13110817)		
3873907.0	192.20015 (13123017)	194.85813 (13123017)	193.95528 (13123017)
189.67631 (13123017)	184.44476 (13110817)		
3873857.0	192.92221 (13123017)	197.44804 (13123017)	198.65690 (13123017)
196.16379 (13123017)	190.36037 (13123017)		
3873807.0	192.71091 (13123017)	199.01719 (13123017)	202.31445 (13123017)
201.80900 (13123017)	197.66477 (13123017)		
3873757.0	196.88289 (12110107)	199.56970 (13123017)	204.93983 (13123017)
206.67903 (13123017)	204.38879 (13123017)		
3873707.0	203.34118 (12110107)	199.31800 (12110107)	206.45046 (13123017)

210.52060 (13123017)	210.55223 (13123017)		
3873657.0   208.26057 (12110107)	206.96860 (12110107)	206.73891 (13123017)	
213.18765 (13123017)	215.68050 (13123017)		
3873607.0   211.40519 (12110107)	213.09436 (12110107)	210.39522 (12110107)	
214.68239 (13123017)	219.77104 (13123017)		
3873557.0   213.28837 (09012607)	217.39647 (12110107)	217.90445 (12110107)	
214.90781 (13123017)	222.52184 (13123017)		
3873507.0   219.81472 (09012607)	219.68820 (12110107)	223.49392 (12110107)	
222.47022 (12110107)	223.84930 (13123017)		
3873457.0   223.95151 (09012607)	225.33220 (09012607)	226.89558 (12110107)	
229.37019 (12110107)	226.57836 (12110107)		
3873407.0   225.78384 (09012607)	230.51682 (09012607)	230.99821 (09012607)	
234.19713 (12110107)	235.14040 (12110107)		
3873357.0   226.01318 (09012607)	233.08823 (09012607)	237.32407 (09012607)	
236.68640 (09012607)	241.43136 (12110107)		
3873307.0   225.43381 (09012607)	233.49807 (09012607)	240.78475 (09012607)	
244.40962 (09012607)	245.24891 (12110107)		
3873257.0   225.04948 (09012607)	232.87488 (09012607)	241.67985 (09012607)	
249.04893 (09012607)	251.81767 (09012607)		
3873207.0   225.85550 (09012607)	232.38286 (09012607)	241.01868 (09012607)	
250.53258 (09012607)	257.68161 (09012607)		
3873157.0   227.14764 (09012607)	232.61312 (09012607)	239.90406 (09012607)	
249.69284 (09012607)	259.92951 (09012607)		
3873107.0   228.68983 (09012607)	234.17200 (09012607)	239.87918 (09012607)	
248.65140 (09012607)	259.73245 (09012607)		
3873057.0   231.54512 (11112117)	236.74305 (09012607)	241.98094 (09012607)	
248.21855 (09012607)	257.95064 (09012607)		
3873007.0   236.61349 (11112117)	239.02194 (11112117)	244.98362 (09012607)	
249.89648 (09012607)	257.24466 (09012607)		
3872957.0   243.33655 (11112117)	244.24337 (11112117)	248.41763 (09012607)	
253.72528 (09012607)	258.59867 (09012607)		
3872907.0   252.42999 (11112117)	250.91946 (11112117)	252.30713 (11112117)	
258.27125 (09012607)	262.93949 (09012607)		
3872857.0   264.37556 (11112117)	261.66150 (11112117)	259.74442 (11112117)	
261.47103 (09012607)	268.45311 (09012607)		
3872807.0   274.71589 (11112117)	274.19964 (11112117)	271.18058 (11112117)	
269.32138 (11112117)	273.84688 (09012607)		
3872757.0   280.95324 (11112117)	286.35417 (11112117)	285.91200 (11112117)	
282.17293 (11112117)	279.51506 (11112117)		
3872707.0   279.17112 (11112117)	292.39583 (11112117)	299.27342 (11112117)	
298.98285 (11112117)	294.59380 (11112117)		
3872657.0   282.97721 (13120417)	289.69583 (11112117)	304.53129 (11112117)	
312.60755 (11112117)	312.65329 (11112117)		
3872607.0   295.92582 (13120417)	298.64668 (13120417)	301.47298 (11112117)	
318.64992 (11112117)	328.63718 (11112117)		
3872557.0   300.29881 (13120417)	309.41711 (13120417)	315.54023 (13120417)	
316.93247 (13120417)	334.34203 (11112117)		

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\*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: 1001A \*\*\*

INCLUDING SOURCE(S): 1001A ,

\*\*\* NETWORK ID: BORON ; NETWORK TYPE:  
GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD			X-COORD (METERS)
(METERS)	440957.60	441007.60	441057.60
441107.60	441157.60		

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-----

3874057.0	185.51126 (13110817)	185.83311 (13110817)	183.97002 (13110817)
180.14125 (13110817)	173.90297 (13110817)		
3874007.0	187.45922 (13110817)	188.92106 (13110817)	187.92807 (13110817)
184.89181 (13110817)	179.59104 (13110817)		
3873957.0	189.30175 (13110817)	191.81410 (13110817)	191.73624 (13110817)
189.53916 (13110817)	185.19701 (13110817)		
3873907.0	190.87984 (13110817)	194.51155 (13110817)	195.41781 (13110817)
194.03051 (13110817)	190.57264 (13110817)		
3873857.0	191.98029 (13110817)	196.96335 (13110817)	199.01136 (13110817)
198.46483 (13110817)	195.72475 (13110817)		
3873807.0	192.57930 (13110817)	199.03382 (13110817)	202.31071 (13110817)
202.72636 (13110817)	200.82951 (13110817)		
3873757.0	198.71308 (13123017)	200.64789 (13110817)	205.32255 (13110817)
206.71183 (13110817)	205.66265 (13110817)		
3873707.0	206.60546 (13123017)	201.75261 (13110817)	207.97153 (13110817)
210.67594 (13110817)	210.39959 (13110817)		
3873657.0	213.78287 (13123017)	208.12889 (13123017)	210.13871 (13110817)
214.27312 (13110817)	215.04015 (13110817)		
3873607.0	220.21199 (13123017)	216.42917 (13123017)	211.89268 (13110817)
217.56790 (13110817)	219.55085 (13110817)		
3873557.0	225.73721 (13123017)	224.11261 (13123017)	218.51740 (13123017)
220.58525 (13110817)	223.89763 (13110817)		
3873507.0	229.87573 (13123017)	230.99521 (13123017)	227.27399 (13123017)
222.98907 (13110817)	228.02749 (13110817)		
3873457.0	232.61476 (13123017)	236.63755 (13123017)	235.34629 (13123017)
229.62504 (13123017)	231.83363 (13110817)		
3873407.0	233.74414 (13123017)	241.05186 (13123017)	242.62486 (13123017)
239.07028 (13123017)	235.16670 (13110817)		
3873357.0	240.49713 (12110107)	243.83377 (13123017)	248.80553 (13123017)

247.89908 (13123017)	242.26366 (13123017)		
3873307.0   248.66276 (12110107)	245.67472 (12110107)	253.52051 (13123017)	
255.81226 (13123017)	252.45208 (13123017)		
3873257.0   254.25225 (12110107)	255.63525 (12110107)	256.37887 (13123017)	
262.51950 (13123017)	261.91822 (13123017)		
3873207.0   259.14824 (09012607)	263.04339 (12110107)	262.44588 (12110107)	
267.79824 (13123017)	270.68869 (13123017)		
3873157.0   266.89763 (09012607)	267.67865 (12110107)	272.21629 (12110107)	
270.61699 (13123017)	278.07802 (13123017)		
3873107.0   270.62838 (09012607)	276.59275 (09012607)	278.72286 (12110107)	
280.69732 (12110107)	283.66782 (13123017)		
3873057.0   270.48397 (09012607)	282.03401 (09012607)	286.75574 (09012607)	
290.22965 (12110107)	289.31507 (12110107)		
3873007.0   268.85144 (09012607)	282.89858 (09012607)	294.35312 (09012607)	
297.34883 (09012607)	301.72654 (12110107)		
3872957.0   267.19215 (09012607)	281.10069 (09012607)	296.73233 (09012607)	
307.69561 (09012607)	310.50153 (12110107)		
3872907.0   268.26654 (09012607)	278.57886 (09012607)	294.50191 (09012607)	
311.88580 (09012607)	321.84129 (09012607)		
3872857.0   272.30451 (09012607)	278.94707 (09012607)	291.71294 (09012607)	
310.43831 (09012607)	328.79176 (09012607)		
3872807.0   279.16265 (09012607)	282.93537 (11112117)	290.85665 (09012607)	
306.87461 (09012607)	328.56582 (09012607)		
3872757.0   286.56878 (09012607)	290.56157 (09012607)	295.80128 (11112117)	
304.39293 (11112117)	323.71366 (09012607)		
3872707.0   291.22272 (09012607)	299.75920 (09012607)	302.23824 (09012607)	
309.99938 (11112117)	321.23754 (11112117)		
3872657.0   308.44498 (11112117)	307.83965 (09012607)	313.66644 (09012607)	
315.28213 (09012607)	325.72432 (11112117)		
3872607.0   329.35709 (11112117)	323.90792 (11112117)	325.29974 (09012607)	
328.73442 (09012607)	330.08413 (09012607)		
3872557.0   346.79325 (11112117)	347.99781 (11112117)	341.22936 (11112117)	
343.30353 (09012607)	344.54050 (09012607)		

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\*\*\* AERMET - VERSION 14134 \*\*\*  
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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

VALUES FOR SOURCE GROUP: 1001A \*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 INCLUDING SOURCE(S): 1001A ,

GRIDCART \*\*\* NETWORK ID: BORON ; NETWORK TYPE:

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD |  
(METERS) |  
441357.60

441207.60

441407.60

X-COORD (METERS)  
441307.60

-----  
-----  
3874057.0 | 164.97307 (13110817) 169.97428 (13010917) 176.72127 (13010917)  
180.99675 (13010917) 183.18799 (13010917)  
3874007.0 | 171.72915 (13110817) 171.13929 (13010917) 178.48610 (13010917)  
183.26159 (13010917) 185.64230 (13010917)  
3873957.0 | 178.24171 (13110817) 172.42010 (13010917) 180.29301 (13010917)  
185.55531 (13010917) 188.27604 (13010917)  
3873907.0 | 184.60502 (13110817) 175.90687 (13110817) 182.18511 (13010917)  
188.03885 (13010917) 191.03130 (13010917)  
3873857.0 | 190.72909 (13110817) 183.10537 (13110817) 184.28196 (13010917)  
190.59781 (13010917) 193.96241 (13010917)  
3873807.0 | 196.71046 (13110817) 190.05762 (13110817) 186.24581 (13010917)  
193.23105 (13010917) 197.06654 (13010917)  
3873757.0 | 202.43009 (13110817) 196.80784 (13110817) 188.40203 (13110817)  
196.02103 (13010917) 200.29975 (13010917)  
3873707.0 | 208.00450 (13110817) 203.36493 (13110817) 196.13539 (13110817)  
198.83299 (13010917) 203.62757 (13010917)  
3873657.0 | 213.47466 (13110817) 209.75065 (13110817) 203.58349 (13110817)  
201.74553 (13010917) 207.21945 (13010917)  
3873607.0 | 218.77043 (13110817) 215.95546 (13110817) 210.80141 (13110817)  
204.78795 (13010917) 210.99556 (13010917)  
3873557.0 | 224.07511 (13110817) 222.01805 (13110817) 217.94690 (13110817)  
211.04335 (13110817) 214.96280 (13010917)  
3873507.0 | 229.26840 (13110817) 228.03703 (13110817) 224.77434 (13110817)  
219.15707 (13110817) 218.95742 (13010917)  
3873457.0 | 234.44183 (13110817) 234.01993 (13110817) 231.62058 (13110817)  
227.07773 (13110817) 223.23421 (13010917)  
3873407.0 | 239.46164 (13110817) 240.00718 (13110817) 238.40851 (13110817)  
234.84671 (13110817) 228.50166 (13110817)  
3873357.0 | 244.38657 (13110817) 246.08259 (13110817) 245.20690 (13110817)  
242.57449 (13110817) 237.46756 (13110817)  
3873307.0 | 248.95388 (13110817) 252.09956 (13110817) 252.08414 (13110817)  
250.21616 (13110817) 246.18794 (13110817)  
3873257.0 | 256.42373 (13123017) 258.15209 (13110817) 258.94679 (13110817)  
257.67516 (13110817) 254.53023 (13110817)  
3873207.0 | 267.36040 (13123017) 264.11177 (13110817) 266.17064 (13110817)  
265.58358 (13110817) 263.37702 (13110817)  
3873157.0 | 277.72327 (13123017) 272.64642 (13123017) 273.33510 (13110817)  
273.61773 (09122317) 272.03256 (13110817)  
3873107.0 | 287.79377 (13123017) 284.60935 (13123017) 280.66532 (13110817)  
282.28530 (09122317) 280.86512 (13110817)  
3873057.0 | 296.28264 (13123017) 296.53519 (13123017) 291.20929 (13123017)  
291.03926 (09122317) 290.67924 (09122317)  
3873007.0 | 303.17547 (13123017) 307.80516 (13123017) 304.59666 (13123017)



300.51438 (09122317)	300.94968 (09122317)	
3872957.0   312.98285 (12110107)	317.82546 (13123017)	318.39500 (13123017)
312.92243 (13123017)	312.19082 (09122317)	
3872907.0   325.84691 (12110107)	325.81910 (13123017)	331.45937 (13123017)
328.44611 (13123017)	323.53100 (09122317)	
3872857.0   336.90244 (09012607)	340.73717 (12110107)	344.07427 (13123017)
344.35231 (13123017)	338.85208 (13123017)	
3872807.0   347.55974 (09012607)	352.98519 (12110107)	355.65667 (12110107)
360.13167 (13123017)	357.35565 (13123017)	
3872757.0   349.16415 (09012607)	368.23568 (09012607)	373.76735 (12110107)
376.11490 (13123017)	376.56265 (13123017)	
3872707.0   344.34142 (09012607)	372.88213 (09012607)	391.04576 (09012607)
394.95823 (12110107)	396.63589 (13123017)	
3872657.0   340.05716 (11112117)	368.75647 (09012607)	400.78797 (09012607)
415.73106 (09012607)	417.13806 (13123017)	
3872607.0   342.72270 (11112117)	361.46869 (09012607)	397.40050 (09012607)
433.09895 (09012607)	444.58903 (12110107)	
3872557.0   346.90534 (09012607)	363.01148 (11112117)	389.36503 (09012607)
431.61777 (09012607)	470.68540 (09012607)	

\*\*\* AERMOD - VERSION 19191 \*\*\* \*\*  
 \*\*\* 09/10/20  
 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*  
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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

VALUES FOR SOURCE GROUP: 1001A \*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 INCLUDING SOURCE(S): 1001A ,

GRIDCART \*\*\* NETWORK ID: BORON ; NETWORK TYPE:

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

Y-COORD | X-COORD (METERS)  
 (METERS) | 441457.60

-----  
 3874057.0 | 184.08466 (13010917)  
 3874007.0 | 186.44990 (13010917)  
 3873957.0 | 189.26869 (13010917)  
 3873907.0 | 192.21332 (13010917)  
 3873857.0 | 195.29579 (13010917)  
 3873807.0 | 198.52964 (13010917)  
 3873757.0 | 201.92297 (13010917)  
 3873707.0 | 205.61764 (13010917)

3873657.0 | 209.36169 (13010917)  
 3873607.0 | 213.46609 (13010917)  
 3873557.0 | 217.81854 (13010917)  
 3873507.0 | 222.39583 (13010917)  
 3873457.0 | 227.12929 (13010917)  
 3873407.0 | 232.30594 (13010917)  
 3873357.0 | 237.68319 (13010917)  
 3873307.0 | 243.37247 (13010917)  
 3873257.0 | 249.30000 (13010917)  
 3873207.0 | 258.94590 (13110817)  
 3873157.0 | 268.65570 (13110817)  
 3873107.0 | 278.73302 (13110817)  
 3873057.0 | 288.51422 (13110817)  
 3873007.0 | 299.47940 (09122317)  
 3872957.0 | 310.75962 (09122317)  
 3872907.0 | 322.71634 (09122317)  
 3872857.0 | 335.84842 (09122317)  
 3872807.0 | 350.49051 (09122317)  
 3872757.0 | 371.49062 (13123017)  
 3872707.0 | 393.27997 (13123017)  
 3872657.0 | 417.07397 (13123017)  
 3872607.0 | 442.95688 (13123017)  
 3872557.0 | 473.32218 (12110107)

\*\*\* AERMOD - VERSION 19191 \*\*\*  
 \*\*\* 09/10/20  
 \*\*\* AERMET - VERSION 14134 \*\*\*  
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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1001A \*\*\*  
 INCLUDING SOURCE(S): 1001A ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)
Y-COORD (M)	CONC	(YYMMDDHH)		
440683.00	3872824.00	270.98039	(11112117)	440288.00
3872787.00	232.25161	(13120417)		
440157.30	3872789.00	209.58566	(12013117)	439914.60
3872794.00	192.91944	(12013117)		
442261.30	3871403.00	537.98334	(12022307)	442263.60

3871503.00	552.58177	(12112617)			
	442265.80	3871603.00	546.41823	(09012907)	442268.00
3871703.00	527.04485	(13121217)			
	442270.30	3871803.00	506.91226	(13121217)	442272.50
3871903.00	462.10796	(13121217)			
	442274.70	3872003.00	507.37447	(09110217)	442276.90
3872103.00	542.12692	(09110217)			
	442279.20	3872203.00	573.84647	(09110217)	442281.40
3872303.00	577.42014	(09110217)			
	442283.60	3872403.00	561.96728	(09110217)	442284.20
3872428.00	554.96517	(09110217)			
	442184.30	3872431.00	534.96695	(13010717)	442084.30
3872435.00	515.75137	(12111417)			
	441984.40	3872438.00	506.63288	(12111417)	441884.40
3872441.00	483.91880	(12011107)			
	441784.50	3872445.00	474.37389	(13110817)	441684.50
3872448.00	486.47687	(13123017)			
	441584.60	3872451.00	503.04777	(13123017)	441487.60
3872455.00	520.97389	(09012607)			
	441485.00	3872355.00	503.79175	(09012607)	441482.40
3872255.00	473.46987	(09012607)			
	441482.30	3872248.00	471.03724	(09012607)	441382.30
3872252.00	493.14377	(11112117)			
	441283.60	3872255.00	512.41545	(11112117)	441281.30
3872155.00	502.35644	(13120417)			
	441279.00	3872055.00	500.60160	(12013117)	441276.70
3871955.00	489.55872	(12013117)			
	441274.30	3871855.00	464.79767	(12121907)	441274.10
3871844.00	464.70298	(12121907)			
	441174.10	3871847.00	487.84705	(12121907)	441074.20
3871850.00	518.69649	(12121907)			
	440974.20	3871853.00	543.42214	(12121907)	440874.30
3871856.00	563.43885	(12121907)			
	440774.30	3871859.00	580.17856	(12121907)	440676.30
3871862.00	589.80362	(12121907)			
	440674.00	3871762.00	635.62393	(13121007)	440671.70
3871662.00	639.16693	(09113007)			
	440669.30	3871562.00	648.65812	(09113007)	440667.00
3871463.00	679.53352	(09113007)			
	440666.80	3871450.00	672.12125	(09113007)	440766.70
3871447.00	651.91688	(09113007)			
	440866.70	3871444.00	623.66377	(10102007)	440966.60
3871441.00	608.36454	(10102007)			
	441066.60	3871438.00	584.37276	(10102007)	441166.50
3871435.00	561.09928	(09010207)			
	441266.50	3871432.00	553.50333	(09010207)	441366.40
3871429.00	541.29378	(09010207)			
	441466.40	3871426.00	540.69062	(09010207)	441566.40
3871423.00	539.84381	(09010207)			
	441666.30	3871420.00	545.03383	(09010207)	441766.30

3871417.00	519.89581	(09010207)			
441866.20	3871415.00	474.77399	(09010207)		441966.20
3871412.00	495.53485	(12022307)			
442066.10	3871409.00	511.06475	(12022307)		442166.10
3871406.00	526.73132	(12022307)			
440693.20	3872567.00	297.05680	(13120417)		440695.70
3872667.00	280.17543	(13120417)			
440696.30	3872690.00	273.49484	(11112117)		440596.30
3872692.00	273.10155	(13120417)			
440496.30	3872695.00	262.58075	(13120417)		440495.40
3872695.00	262.45108	(13120417)			
440496.80	3872723.00	260.98592	(13120417)		440396.80
3872722.00	246.68237	(13120417)			
440296.80	3872722.00	226.77280	(13120417)		440196.80
3872721.00	217.53252	(12013117)			
440096.80	3872720.00	209.42434	(12013117)		439996.80
3872720.00	199.27269	(12013117)			
439896.80	3872719.00	190.34854	(12013117)		439887.70
3872719.00	189.59202	(12013117)			
439885.90	3872619.00	187.42974	(12013117)		439885.10
3872574.00	187.06065	(12121907)			
439985.10	3872573.00	194.98808	(12013117)		440085.10
3872572.00	205.67327	(12013117)			
440185.10	3872571.00	216.23323	(12013117)		440285.10
3872570.00	228.55350	(12013117)			

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1001A \*\*\*  
 INCLUDING SOURCE(S): 1001A ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)
Y-COORD (M)	CONC	(YYMMDDHH)		
440385.10	3872570.00	241.13171	(12013117)	440485.10
3872569.00	254.98833	(12013117)		
440585.10	3872568.00	272.97832	(13120417)	440685.10

3872567.00 295.43462 (13120417)  
440685.70 3872275.00 284.05450 (12013117) 440688.30  
3872375.00 292.30795 (12013117)  
440690.80 3872475.00 289.28688 (13120417) 440692.00  
3872520.00 295.59472 (13120417)  
440592.00 3872522.00 272.16009 (12013117) 440492.00  
3872523.00 257.49614 (12013117)  
440392.00 3872525.00 242.48711 (12013117) 440292.00  
3872526.00 227.22389 (12013117)  
440192.10 3872528.00 214.85428 (12013117) 440092.10  
3872529.00 204.24327 (12013117)  
439992.10 3872531.00 196.62973 (12121907) 439892.10  
3872532.00 192.17637 (12121907)  
439884.50 3872532.00 191.84795 (12121907) 439883.00  
3872432.00 196.51430 (12121907)  
439881.50 3872332.00 211.66087 (13121208) 439880.80  
3872278.00 225.16291 (10102917)  
439980.80 3872278.00 224.87335 (13121208) 440080.80  
3872277.00 226.41227 (12013117)  
440180.80 3872277.00 231.13908 (12013117) 440280.80  
3872277.00 232.85400 (12013117)  
440380.80 3872276.00 242.43745 (12121907) 440480.80  
3872276.00 254.57954 (12121907)  
440580.80 3872275.00 267.50182 (12121907) 440680.80  
3872275.00 282.92033 (12013117)

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: 1001B \*\*\*  
INCLUDING SOURCE(S): 1001B ,

\*\*\* NETWORK ID: COURSE ; NETWORK TYPE:  
GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD			X-COORD (METERS)
(METERS)	430733.00	431233.00	431733.00
432233.00	432733.00		

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-----  
3879761.0 | 34.67552 (13120417) 12.37420 (12111608) 55.50513 (11112117)

96.29994 (11112117)	83.75930 (11112117)		
3879261.0   81.61469 (13120417)	53.51392 (13120417)	18.67527 (13120417)	
48.23585 (11112117)	99.94792 (11112117)		
3878761.0   70.90369 (13120417)	93.85700 (13120417)	73.22683 (13120417)	
31.25297 (13120417)	42.40854 (11112117)		
3878261.0   42.97947 (12013117)	55.90306 (13120417)	96.93116 (13120417)	
96.04911 (13120417)	51.59254 (13120417)		
3877761.0   63.90182 (12013117)	59.51361 (12013117)	44.08104 (12013117)	
84.39052 (13120417)	114.01808 (13120417)		
3877261.0   49.20717 (12013117)	65.67712 (12013117)	72.75278 (12013117)	
64.23827 (12013117)	61.42508 (13120417)		
3876761.0   87.30685 (13121208)	71.62749 (13121208)	56.46170 (12013117)	
76.36085 (12013117)	83.38166 (12013117)		
3876261.0   74.36409 (10102917)	95.15495 (10102917)	101.89656 (13121208)	
91.49813 (13121208)	65.82839 (12013117)		
3875761.0   81.47939 (10020408)	96.09960 (10020408)	89.57351 (10020408)	
103.19085 (10102917)	115.80303 (10102917)		
3875261.0   91.62902 (12121907)	102.62384 (12121907)	97.66550 (12121907)	
100.88378 (10020408)	120.12859 (10020408)		
3874761.0   22.17455 (12121907)	41.13460 (12121907)	69.01505 (12121907)	
102.34734 (12121907)	128.58662 (12121907)		
3874261.0   31.20937 (12122017)	30.77192 (12122017)	28.86098 (12122017)	
25.12858 (12122017)	27.27892 (12121907)		
3873761.0   23.53105 (09122817)	24.97827 (12122017)	30.69251 (12122017)	
36.86025 (12122017)	42.91303 (12122017)		
3873261.0   69.68146 (13121007)	69.65553 (13121007)	67.93277 (13121007)	
65.47716 (13121007)	62.60683 (13121007)		
3872761.0   81.21433 (13121007)	88.66490 (13121007)	97.45809 (13121007)	
106.92828 (13121007)	118.89670 (13121007)		
3872261.0   56.28475 (10010817)	59.91478 (10010817)	63.63087 (10010817)	
67.90742 (10010817)	72.37605 (11122207)		
3871761.0   65.84717 (11122207)	69.70802 (11122207)	73.12231 (11122207)	
75.46892 (11122207)	77.81638 (11122207)		
3871261.0   89.27495 (09113007)	101.79922 (09113007)	110.73514 (09113007)	
112.02709 (09113007)	106.04449 (09113007)		
3870761.0   54.85253 (09112517)	60.43064 (09112517)	65.55348 (09112517)	
66.68779 (09112517)	64.72645 (09112517)		
3870261.0   45.38282 (09112517)	41.47702 (09112517)	35.53677 (09112517)	
28.50350 (09112517)	23.61666 (10110217)		
3869761.0   17.44683 (09112517)	18.53523 (10110217)	19.70365 (10110217)	
25.18743 (10102007)	33.10182 (10102007)		
3869261.0   17.87459 (10102007)	23.56841 (10102007)	34.50989 (12011217)	
59.58834 (12011217)	69.71942 (12011217)		
3868761.0   36.80636 (12011217)	53.20619 (12011217)	59.24709 (12011217)	
60.70981 (09011517)	77.27577 (09011517)		
3868261.0   50.80225 (12011217)	54.23309 (09011517)	68.38699 (09011517)	
57.34425 (12112717)	76.53731 (12112717)		
3867761.0   62.71502 (09011517)	49.81731 (09011517)	68.48079 (12112717)	
58.45489 (12112717)	56.01380 (12122817)		
3867261.0   61.78760 (12112717)	61.59052 (12112717)	52.52496 (12122817)	

45.86643 (11111017)	51.80658 (11111017)		
3866761.0   47.54214 (12122817)	45.76924 (12122817)	47.25942 (11111017)	
44.90241 (11111017)	56.73904 (09013007)		
3866261.0   48.36394 (11111017)	44.16301 (11111017)	45.40308 (09013007)	
51.76115 (09013007)	38.42242 (09013007)		
3865761.0   48.83175 (11111017)	45.37417 (09013007)	45.95758 (09013007)	
30.69962 (09013007)	15.20329 (12121917)		
3865261.0   43.40260 (09013007)	39.55421 (09013007)	24.42604 (09013007)	
12.58841 (12031507)	20.49654 (13112707)		
3864761.0   33.33913 (09013007)	19.94660 (12121917)	11.60484 (12031507)	
18.66283 (13112707)	39.13803 (09010507)		

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1001B \*\*\*  
 INCLUDING SOURCE(S): 1001B ,

\*\*\* NETWORK ID: COURSE ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD			X-COORD (METERS)
(METERS)	433233.00	433733.00	434233.00
434733.00	435233.00		

3879761.0	51.38887 (10012807)	46.33588 (10012807)	40.25706 (09012607)
115.12954 (09012607)	106.06313 (12110107)		
3879261.0	94.77144 (11112117)	57.68210 (10012807)	47.81531 (10012807)
58.83722 (09012607)	129.40174 (09012607)		
3878761.0	103.39396 (11112117)	106.11136 (11112117)	61.63821 (10012807)
49.67818 (10012807)	84.31331 (09012607)		
3878261.0	35.86655 (11112117)	105.59885 (11112117)	121.91170 (11112117)
67.85358 (10012807)	54.74982 (10012807)		
3877761.0	80.46537 (13120417)	29.13453 (11112117)	105.53251 (11112117)
136.72147 (11112117)	74.19359 (10012807)		
3877261.0	118.84779 (13120417)	115.55217 (13120417)	50.92991 (13120417)
102.34369 (11112117)	154.58912 (11112117)		
3876761.0	69.49281 (12013117)	102.77198 (13120417)	145.66294 (13120417)
88.17229 (13120417)	93.93811 (11112117)		
3876261.0	91.47566 (12013117)	97.20097 (12013117)	74.18550 (12013117)

153.76158 (13120417)	140.35660 (13120417)		
3875761.0   118.19599 (13121208)	78.85380 (12013117)	110.45499 (12013117)	
112.99720 (12013117)	126.71178 (13120417)		
3875261.0   105.53891 (10020408)	141.31471 (10102917)	150.23518 (13121208)	
105.67557 (13121208)	137.98212 (12013117)		
3874761.0   132.57953 (12121907)	129.08267 (10020408)	154.31252 (10020408)	
157.21680 (10102917)	190.74300 (13121208)		
3874261.0   56.43950 (12121907)	103.10081 (12121907)	157.38458 (12121907)	
188.61968 (12121907)	179.05785 (10020408)		
3873761.0   47.96840 (12122017)	50.82105 (12122017)	50.12509 (12122017)	
44.66082 (12122017)	85.76703 (12121907)		
3873261.0   58.40488 (13121007)	52.95892 (13121007)	53.42348 (09122817)	
55.76386 (09122817)	60.15085 (12122017)		
3872761.0   132.77857 (13121007)	149.42253 (13121007)	170.23853 (13121007)	
196.61704 (13121007)	231.43662 (13121007)		
3872261.0   83.47615 (11122207)	96.85987 (11122207)	113.88956 (11122207)	
134.54871 (11122207)	160.69343 (11122207)		
3871761.0   102.82209 (09113007)	135.47474 (09113007)	171.35525 (09113007)	
203.08488 (09113007)	216.77163 (09113007)		
3871261.0   90.99032 (09113007)	95.09498 (09112517)	103.74794 (09112517)	
104.71114 (09112517)	96.14990 (09112517)		
3870761.0   58.90027 (09112517)	49.06874 (09112517)	36.57961 (09112517)	
41.52548 (10102007)	62.19727 (10102007)		
3870261.0   26.37828 (10102007)	37.13546 (10102007)	60.93442 (12011217)	
104.37727 (12011217)	108.79252 (09011517)		
3869761.0   61.08240 (12011217)	85.03118 (12011217)	84.51702 (09011517)	
112.51284 (09011517)	131.00310 (12112717)		
3869261.0   70.20989 (09011517)	91.27183 (09011517)	95.41745 (12112717)	
93.41647 (12112717)	88.03144 (11111017)		
3868761.0   73.13322 (12112717)	85.12856 (12112717)	76.74001 (12122817)	
80.26147 (11111017)	97.09559 (09013007)		
3868261.0   65.14191 (12122817)	60.03299 (11111017)	67.43346 (11111017)	
84.93755 (09013007)	57.46500 (09013007)		
3867761.0   57.77487 (11111017)	63.03684 (09013007)	71.22424 (09013007)	
42.32102 (09013007)	35.59402 (13112707)		
3867261.0   60.89958 (09013007)	58.58841 (09013007)	32.39583 (12121917)	
31.59951 (13112707)	91.99088 (09010507)		
3866761.0   47.65830 (09013007)	25.00415 (12121917)	27.70617 (13112707)	
77.78926 (09010507)	46.43245 (09123117)		
3866261.0   19.46106 (12121917)	25.29712 (13112707)	70.40652 (09010507)	
47.59902 (09123117)	25.70176 (13020117)		
3865761.0   22.73080 (13112707)	60.01013 (09010507)	62.10650 (09010507)	
21.93234 (13020117)	8.76751 (13020117)		
3865261.0   48.65416 (09010507)	76.95105 (09010507)	38.15499 (09123117)	
13.18964 (13020117)	7.22699 (11082307)		
3864761.0   70.99351 (09010507)	67.29050 (09123117)	27.40495 (10012008)	
7.16879 (10082007)	7.59892 (10020517)		

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: 1001B \*\*\*

INCLUDING SOURCE(S): 1001B ,

\*\*\* NETWORK ID: COURSE ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD			X-COORD (METERS)
(METERS)	435733.00	436233.00	436733.00
437233.00	437733.00		

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3879761.0	106.88953 (12110107)	129.92418 (13123017)	84.63530 (13123017)	
125.37770 (13110817)	120.86551 (12032707)			
3879261.0	132.02901 (12110107)	87.32411 (13010707)	79.37822 (13123017)	
38.59702 (13110817)	150.79158 (13110817)			
3878761.0	164.63754 (09012607)	139.34903 (12110107)	146.01817 (13123017)	
84.07602 (13123017)	165.97048 (13110817)			
3878261.0	121.40413 (09012607)	156.83035 (09012607)	137.31056 (12110107)	
142.43158 (13123017)	115.41141 (13110817)			
3877761.0	53.08861 (10012807)	151.89900 (09012607)	133.94058 (12110107)	
121.90853 (13123017)	105.01026 (13123017)			
3877261.0	83.22422 (10012807)	59.71901 (09012607)	182.33451 (09012607)	
180.44549 (12110107)	203.47433 (13123017)			
3876761.0	173.46227 (11112117)	94.47912 (10012807)	98.63601 (09012607)	
216.40310 (09012607)	184.99911 (12110107)			
3876261.0	84.64720 (11112117)	196.56689 (11112117)	107.23366 (10012807)	
160.13352 (09012607)	224.02021 (12110107)			
3875761.0	191.89148 (13120417)	93.11264 (13120417)	223.52096 (11112117)	
133.26379 (11112117)	221.59224 (09012607)			
3875261.0	132.40853 (12013117)	215.73397 (13120417)	180.64171 (13120417)	
253.54609 (11112117)	171.69243 (11112117)			
3874761.0	156.34281 (13121208)	183.67147 (12013117)	173.01780 (13120417)	
288.44623 (13120417)	280.63530 (11112117)			
3874261.0	219.09201 (10020408)	252.67998 (10102917)	248.32220 (13121208)	
260.34793 (12013117)	351.46914 (13120417)			
3873761.0	182.78534 (12121907)	288.99785 (12121907)	296.10220 (12121907)	
341.65219 (10020408)	418.47378 (13121208)			
3873261.0	81.68735 (12122017)	104.51084 (12122017)	120.92728 (12122017)	
157.50594 (12121907)	438.98578 (12121907)			
3872761.0	276.92404 (13121007)	333.99797 (13121007)	409.01706 (13121007)	

514.48708	(13121007)	641.33729	(13121007)		
3872261.0	192.69424	(11122207)	229.14382	(11122207)	269.43038 (11122207)
427.67389	(09113007)	650.96742	(09113007)		
3871761.0	200.51774	(09113007)	199.07652	(09112517)	217.36323 (09112517)
197.23905	(09112517)	183.67852	(10102007)		
3871261.0	76.53104	(09112517)	76.44608	(10102007)	154.78999 (12011217)
251.99635	(12011217)	311.51672	(12112717)		
3870761.0	130.88948	(12011217)	161.57244	(12011217)	205.98059 (09011517)
232.48382	(12122817)	246.96742	(09013007)		
3870261.0	149.64160	(09011517)	176.46629	(12112717)	143.65731 (11111017)
177.91407	(09013007)	106.55781	(09010507)		
3869761.0	117.64310	(12122817)	120.43021	(11111017)	138.62731 (09013007)
76.46160	(09010507)	125.68780	(09010507)		
3869261.0	105.47676	(09013007)	104.75068	(09013007)	59.01607 (13112707)
121.93140	(09010507)	42.21069	(13020117)		
3868761.0	77.86219	(09013007)	49.19257	(13112707)	115.92782 (09010507)
55.52400	(10012008)	25.07917	(11120917)		
3868261.0	40.28294	(13112707)	110.38420	(09010507)	52.14963 (10012008)
18.60573	(13020117)	9.47158	(09121009)		
3867761.0	93.86624	(09010507)	47.37417	(09123117)	23.78050 (13020117)
11.72481	(10020517)	8.76027	(11121209)		
3867261.0	60.74580	(09123117)	27.47178	(13020117)	12.21672 (10020517)
7.64821	(09121009)	10.04709	(11121209)		
3866761.0	26.36279	(13020117)	9.42505	(10020517)	8.54226 (09121009)
7.85592	(11121209)	8.94083	(13100407)		
3866261.0	8.73342	(13020117)	8.41997	(11082307)	6.18192 (09121009)
9.20823	(11121209)	6.30121	(11121209)		
3865761.0	8.09840	(11082307)	7.33301	(09121009)	7.20044 (11121209)
8.51214	(11121209)	4.62642	(12020710)		
3865261.0	7.65670	(09121009)	5.17333	(09010909)	8.45857 (11121209)
7.19932	(13100407)	5.20886	(09072207)		
3864761.0	6.26830	(09121009)	6.64468	(11121209)	8.15239 (13100407)
4.55057	(12020710)	6.07872	(09031707)		

\*\*\* AERMOD - VERSION 19191 \*\*\*  
 \*\*\* 09/10/20

\*\*\* AERMET - VERSION 14134 \*\*\*  
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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1001B \*\*\*  
 INCLUDING SOURCE(S): 1001B ,

\*\*\* NETWORK ID: COURSE ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD |  
(METERS) |  
439733.00

438233.00

440233.00

438733.00

X-COORD (METERS)  
439233.00

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3879761.0	104.34825 (09102117)	109.60048 (09102117)	128.24188 (13010917)
105.48184 (11112407)	73.01509 (12111517)		
3879261.0	114.34370 (12032707)	137.80976 (09102117)	141.31929 (13010917)
115.97700 (11112407)	83.06583 (12111517)		
3878761.0	149.72587 (12032707)	152.56242 (09102117)	146.31022 (13010917)
138.26280 (11112407)	106.83806 (12111517)		
3878261.0	150.53364 (12032707)	154.30053 (09102117)	167.61572 (13010917)
167.23803 (09121717)	138.18956 (12111517)		
3877761.0	188.67284 (13110817)	143.12126 (12032707)	166.23246 (12101107)
193.13908 (09121717)	148.66685 (12111517)		
3877261.0	182.96791 (13110817)	184.45505 (12032707)	180.53702 (09102117)
211.03840 (09121717)	183.00474 (12111517)		
3876761.0	179.33844 (13123017)	214.01241 (13110817)	206.73184 (09102117)
224.00228 (09121717)	163.25100 (12111517)		
3876261.0	236.71114 (13123017)	244.33770 (13110817)	216.24840 (09102117)
223.48848 (13010917)	226.02337 (11112407)		
3875761.0	275.62367 (12110107)	259.48727 (13123017)	202.71074 (12032707)
279.43391 (13010917)	266.58222 (11112407)		
3875261.0	306.76475 (09012607)	329.45772 (13123017)	254.98195 (13110817)
194.92923 (09102117)	310.95893 (11112407)		
3874761.0	242.77379 (11112117)	396.59837 (09012607)	215.12910 (13123017)
127.43426 (12032707)	352.99743 (11112407)		
3874261.0	316.17995 (11112117)	339.98416 (11112117)	471.34300 (12110107)
424.11758 (13110817)	380.30992 (11112407)		
3873761.0	403.23637 (12013117)	495.67395 (13120417)	462.64780 (11112117)
474.16312 (13123017)	459.49864 (11112407)		
3873261.0	646.61871 (12121907)	729.42387 (10102917)	778.87912 (13120417)
749.56469 (11112117)	643.17468 (11112407)		
3872761.0	804.23321 (13121007)	965.40039 (13121007)	1106.58875 (13121007)
2734.23338 (12121907)	2365.71317 (12013117)		
3872261.0	751.45480 (09113007)	708.83446 (09112517)	807.85148 (12011217)
828.78401 (09013007)	849.76632 (09010207)		
3871761.0	414.61052 (12011217)	482.95534 (12112717)	402.77278 (09013007)
397.52662 (09010207)	325.57174 (13020407)		
3871261.0	304.39672 (11111017)	270.36799 (09013007)	275.82802 (09010207)
249.48659 (09010207)	210.67802 (13020407)		
3870761.0	137.75695 (09010507)	210.29277 (09123117)	263.06832 (09010207)
158.89999 (10101507)	124.64158 (13020708)		
3870261.0	185.41846 (09123117)	144.38997 (09010207)	130.31144 (09030207)
158.69921 (10101507)	84.95865 (10010408)		
3869761.0	87.88803 (13010208)	108.48052 (09010207)	82.92851 (10101507)
91.35357 (13020407)	100.94443 (10010408)		
3869261.0	20.06106 (11120917)	54.95350 (09030207)	58.08239 (10101507)

64.44493 (09121117)	69.53022 (10010408)		
3868761.0   15.92280 (09012908)	26.89365 (09012908)	36.56467 (10101507)	
49.50449 (09121117)	50.26639 (10010408)		
3868261.0   11.26651 (13100407)	14.76663 (11122917)	26.60471 (09100107)	
38.67246 (09121117)	37.24396 (10010408)		
3867761.0   9.83829 (13100407)	15.30164 (09031707)	26.11389 (09100107)	
28.23368 (09121117)	26.04770 (13011508)		
3867261.0   5.90676 (11121209)	13.99175 (09031707)	22.74524 (09100107)	
21.93604 (09121117)	20.04430 (13011508)		
3866761.0   6.11180 (09072207)	10.83715 (09031707)	18.81171 (09100107)	
15.72302 (09121117)	14.28364 (13011508)		
3866261.0   7.44790 (09090207)	9.13157 (09090207)	14.95028 (09100107)	
10.93382 (13010107)	12.33647 (12091907)		
3865761.0   8.53331 (09090207)	8.91497 (10030508)	11.32017 (09100107)	
8.97215 (12041607)	11.82520 (12091907)		
3865261.0   8.93413 (09090207)	9.31601 (10030508)	8.09131 (09100107)	
8.25294 (12041607)	11.34954 (12091907)		
3864761.0   8.64794 (09090207)	10.17572 (09100107)	8.17669 (12041607)	
7.57708 (12041607)	10.95772 (12091907)		

\*\*\* AERMOD - VERSION 19191 \*\*\* \*\*  
 \*\*\* 09/10/20  
 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*  
 \*\*\* 07:21:22

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

VALUES FOR SOURCE GROUP: 1001B \*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 INCLUDING SOURCE(S): 1001B ,

GRIDCART \*\*\* \*\* NETWORK ID: COURSE ; NETWORK TYPE:

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

Y-COORD			X-COORD (METERS)
(METERS)	440733.00	441233.00	441733.00
	442233.00	442733.00	

3879761.0	39.70746 (10021007)	47.01171 (09012717)	37.77943 (09020308)
15.03849 (12031207)	11.51095 (09101207)		
3879261.0	44.04803 (10021007)	55.08995 (09012717)	45.35508 (09020308)
23.87054 (12012417)	20.36522 (12013017)		
3878761.0	53.67485 (10021007)	73.48890 (09012717)	57.17796 (09020308)
41.46587 (12012417)	30.48495 (12013017)		
3878261.0	74.67487 (13120517)	88.07378 (09021007)	71.80774 (09122808)

60.43799 (12012417)	46.23100 (12013017)		
3877761.0   85.16205 (13120517)	110.99671 (09021007)	110.40651 (09122808)	
74.10483 (12013017)	59.37763 (10102517)		
3877261.0   133.76093 (13120517)	139.06243 (10022507)	135.87829 (12012417)	
87.79150 (12013017)	109.79334 (11110817)		
3876761.0   167.28477 (13120517)	171.06903 (10022507)	152.46591 (12012417)	
137.33175 (11110817)	146.77657 (11122017)		
3876261.0   197.20955 (13120517)	171.39676 (09122808)	95.11755 (12013017)	
161.76132 (11110817)	169.98362 (12122708)		
3875761.0   221.33856 (13120517)	62.95264 (12012417)	66.82341 (12013017)	
172.01553 (11122017)	215.97161 (09111717)		
3875261.0   252.20795 (09021007)	225.17964 (12012417)	231.21827 (11110817)	
246.25427 (09111717)	248.05867 (12011107)		
3874761.0   281.83171 (09021007)	267.33063 (11110817)	286.02245 (12122708)	
292.15090 (12011107)	267.71239 (12111417)		
3874261.0   328.80680 (09122808)	344.32368 (11122017)	362.57936 (12011107)	
323.04438 (12111417)	255.25075 (13010717)		
3873761.0   398.66766 (11110817)	453.87583 (12011107)	416.04557 (13010717)	
393.56115 (13103117)	242.50416 (09110217)		
3873261.0   657.92037 (12011107)	673.42946 (13103117)	454.60036 (09110217)	
196.07051 (09030307)	81.92393 (09030307)		
3872761.0   1729.47215 (09110217)	1015.52236 (13121217)	724.81466 (13121217)	
614.98806 (13121217)	460.32281 (09111617)		
3872261.0   827.06853 (09120207)	869.99054 (09010807)	774.45861 (12022307)	
403.68457 (10012908)	469.44630 (12112617)		
3871761.0   349.10199 (13120607)	401.48110 (13020507)	434.26832 (13111317)	
413.86468 (09010807)	240.59465 (12112207)		
3871261.0   209.49308 (12112107)	224.05180 (10021507)	249.33436 (13022207)	
258.70372 (09120207)	232.88711 (13111317)		
3870761.0   130.74914 (09021307)	136.41427 (09103017)	109.03600 (09010608)	
142.42008 (13022207)	145.07381 (13012117)		
3870261.0   92.87930 (09021307)	87.18897 (12120608)	53.94916 (09103017)	
41.33813 (09010608)	54.33790 (12112808)		
3869761.0   61.56489 (13020708)	48.96260 (12120608)	41.32838 (09103017)	
30.79738 (09123107)	29.14255 (09020508)		
3869261.0   53.76659 (13020708)	28.12051 (09021307)	22.33941 (09021608)	
22.13922 (12011117)	20.31348 (09123107)		
3868761.0   57.47356 (13020708)	26.02260 (11121307)	21.99206 (09021608)	
18.26761 (12011117)	19.04716 (13030807)		
3868261.0   50.05340 (13020708)	43.49752 (09021307)	27.74280 (12120608)	
15.10725 (12011117)	15.50734 (12011117)		
3867761.0   37.20259 (13020708)	35.58174 (09021307)	29.26142 (12112007)	
30.56430 (12120608)	23.62827 (12011117)		
3867261.0   27.63371 (13020708)	25.37980 (12102517)	26.38986 (09021307)	
30.11359 (12120608)	27.22863 (09103017)		
3866761.0   17.53399 (11121217)	17.42440 (12102517)	21.12311 (09021307)	
21.92786 (12120608)	17.39893 (12120608)		
3866261.0   14.08964 (11121217)	9.79768 (12102517)	15.61992 (11121307)	
14.71779 (10021208)	18.28465 (12120608)		
3865761.0   11.19042 (11121217)	7.63703 (09112309)	10.87557 (11121307)	

12.15360 (11121307)	14.49052 (12120608)		
3865261.0   9.39541 (11121217)	7.00086 (09112309)	6.85420 (09092508)	
12.67528 (11121307)	12.55871 (10021208)		
3864761.0   8.95157 (12091907)	6.76297 (09021909)	6.82266 (09112309)	
11.84067 (11121307)	11.21733 (10021208)		

\*\*\* AERMOD - VERSION 19191 \*\*\*  
 \*\*\* 09/10/20

\*\*\* AERMET - VERSION 14134 \*\*\*  
 \*\*\* 07:21:22

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1001B \*\*\*  
 INCLUDING SOURCE(S): 1001B ,

\*\*\* NETWORK ID: COURSE ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD			X-COORD (METERS)
(METERS)	443233.00	443733.00	444233.00
	444733.00	445233.00	

3879761.0	10.45229 (13112908)	18.12830 (10110417)	16.98249 (10012708)
16.43930 (13011417)	15.25824 (12122708)		
3879261.0	21.16244 (12013017)	19.48742 (10111517)	20.80806 (09012708)
18.53012 (10111007)	24.59156 (12122708)		
3878761.0	17.84717 (10110417)	30.30027 (09012708)	23.74036 (10111007)
27.31705 (12122708)	29.50396 (13121817)		
3878261.0	22.05215 (10111517)	31.71117 (13011417)	29.57647 (12122708)
38.22285 (09111717)	44.30608 (12011107)		
3877761.0	42.53186 (09012708)	36.80950 (12122708)	43.30504 (09111717)
58.06755 (12011107)	38.59383 (12011107)		
3877261.0	83.59876 (11122017)	68.45734 (12122708)	61.24528 (12011107)
67.99759 (12011107)	87.08714 (12111417)		
3876761.0	132.46436 (12122708)	91.83809 (12011107)	90.83777 (12011107)
125.92366 (12111417)	93.48237 (11100607)		
3876261.0	155.48731 (09111717)	137.27901 (12011107)	159.81929 (12111417)
127.15197 (11100607)	116.78361 (13010717)		
3875761.0	197.50295 (12011107)	210.61275 (12111417)	147.04715 (11100607)
151.43862 (13010717)	132.24699 (13103117)		
3875261.0	245.72397 (12111417)	199.61762 (13010717)	164.87604 (09012707)
194.50401 (13103117)	174.22775 (09110217)		
3874761.0	222.42809 (13010717)	203.54668 (13103117)	195.05518 (09110217)

125.30036	(09110217)	62.86679	(09030307)		
3874261.0	229.33892	(13103117)	158.03553	(09110217)	80.59966 (09030307)
72.15833	(09030307)	52.10880	(09030307)		
3873761.0	125.70132	(09030307)	87.78658	(09030307)	48.27676 (09030307)
23.20934	(09030307)	31.05983	(09011407)		
3873261.0	107.19582	(09011407)	121.91303	(09011407)	118.58167 (09011407)
131.98812	(09011407)	88.64271	(09011407)		
3872761.0	385.73143	(09111617)	333.41831	(09111617)	284.08628 (09111617)
241.99077	(09111617)	198.94394	(09111617)		
3872261.0	400.19829	(12112617)	257.75016	(12112617)	130.75614 (12112617)
151.46602	(09012907)	171.30338	(09012907)		
3871761.0	256.53150	(12022307)	288.65076	(12022307)	187.94355 (10012908)
70.21242	(10012908)	109.36936	(12112617)		
3871261.0	212.35956	(10030107)	189.26570	(11121207)	94.62906 (12112207)
83.28216	(12022307)	188.60561	(12022307)		
3870761.0	117.11117	(10031507)	110.51673	(13111317)	127.81790 (12120717)
138.56165	(11121207)	109.89022	(12112207)		
3870261.0	80.07714	(13012117)	76.31309	(10030507)	80.74874 (13111317)
76.34202	(13021307)	80.99120	(12120717)		
3869761.0	45.23672	(12112808)	40.22871	(13012117)	63.39007 (10012608)
45.71704	(10031507)	23.36542	(13111317)		
3869261.0	29.90820	(09020508)	36.87201	(12112808)	23.92036 (13020507)
40.92953	(13012117)	21.32451	(13030507)		
3868761.0	18.42481	(09123107)	24.93547	(09020508)	34.04941 (12112808)
22.27845	(11102407)	23.71904	(13012117)		
3868261.0	15.88754	(13030807)	19.10305	(09010608)	25.01749 (09020508)
28.47520	(12112808)	17.06600	(11102407)		
3867761.0	15.53956	(13030807)	16.11399	(09123107)	18.82620 (09010608)
20.63268	(09020508)	23.15761	(12112808)		
3867261.0	22.35821	(12111317)	15.03213	(13030807)	14.71976 (09123107)
11.57652	(09020508)	16.94764	(09020508)		
3866761.0	21.88772	(12011117)	13.49218	(10040707)	11.51898 (13030807)
10.59913	(09123107)	10.98703	(09020508)		
3866261.0	16.83066	(09103017)	17.58893	(12111317)	12.95636 (13030807)
7.27366	(13030807)	6.01584	(11121308)		
3865761.0	9.55268	(12011009)	16.46990	(12011117)	12.58148 (10040707)
10.66033	(13030807)	4.60875	(09123107)		
3865261.0	10.64875	(09021608)	10.70531	(09103017)	13.43534 (12111317)
11.15786	(10040707)	7.57955	(13030807)		
3864761.0	12.15024	(09021608)	9.01271	(12011009)	13.35011 (12011117)
11.47799	(10040707)	8.71498	(13030807)		

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\*\*\* AERMET - VERSION 14134 \*\*\* \*\*

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION

VALUES FOR SOURCE GROUP: 1001B \*\*\*  
 INCLUDING SOURCE(S): 1001B ,  
 \*\*\* NETWORK ID: COURSE ; NETWORK TYPE:  
 GRIDCART \*\*\*  
 \*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

Y-COORD | X-COORD (METERS)  
 (METERS) | 445733.00

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 3879761.0 | 22.92088 (09111717)  
 3879261.0 | 28.03027 (13121817)  
 3878761.0 | 41.06404 (12011107)  
 3878261.0 | 28.71293 (12011107)  
 3877761.0 | 61.20299 (12111417)  
 3877261.0 | 67.48925 (11100607)  
 3876761.0 | 97.06421 (13010717)  
 3876261.0 | 105.75353 (09012707)  
 3875761.0 | 132.92336 (13103117)  
 3875261.0 | 94.00163 (09110217)  
 3874761.0 | 77.33796 (09030307)  
 3874261.0 | 29.34836 (09030307)  
 3873761.0 | 41.20680 (09011407)  
 3873261.0 | 90.01663 (13121217)  
 3872761.0 | 154.62675 (09111617)  
 3872261.0 | 167.26424 (09012907)  
 3871761.0 | 157.63490 (12112617)  
 3871261.0 | 181.50461 (10012908)  
 3870761.0 | 54.11467 (12112207)  
 3870261.0 | 90.22432 (11121207)  
 3869761.0 | 39.90856 (13021307)  
 3869261.0 | 27.18166 (10031507)  
 3868761.0 | 27.61295 (10012608)  
 3868261.0 | 14.58878 (13110617)  
 3867761.0 | 13.22667 (11102407)  
 3867261.0 | 20.89721 (12112808)  
 3866761.0 | 14.33959 (09020508)  
 3866261.0 | 10.07476 (09020508)  
 3865761.0 | 6.33098 (12102908)  
 3865261.0 | 3.18557 (11091308)  
 3864761.0 | 4.16716 (13030807)

▲ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*\*  
 \*\*\* 09/10/20  
 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*  
 \*\*\* 07:21:22



\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: 1001B \*\*\*

INCLUDING SOURCE(S): 1001B ,

\*\*\* NETWORK ID: BORON ; NETWORK TYPE:  
GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

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Y-COORD			X-COORD (METERS)
(METERS)	439957.60	440007.60	440057.60
440107.60	440157.60		

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3874057.0	388.63964 (13010917)	391.97286 (11112407)	395.54732 (11112407)
397.78971 (11112407)	400.35596 (11112407)		
3874007.0	392.31778 (13010917)	396.06534 (11112407)	401.36031 (11112407)
403.61862 (11112407)	405.60780 (11112407)		
3873957.0	399.43040 (13010917)	403.57760 (11112407)	408.83203 (11112407)
411.11471 (11112407)	413.76960 (11112407)		
3873907.0	407.72139 (13110817)	412.72143 (11112407)	417.38304 (11112407)
420.93571 (11112407)	423.66743 (11112407)		
3873857.0	425.98002 (13110817)	421.83316 (11112407)	427.07867 (11112407)
431.32505 (11112407)	434.83514 (11112407)		
3873807.0	441.18540 (13110817)	432.70627 (11112407)	437.37126 (11112407)
441.68200 (11112407)	445.28899 (11112407)		
3873757.0	457.97790 (13110817)	447.72732 (13110817)	448.97554 (11112407)
452.70542 (11112407)	456.41538 (11112407)		
3873707.0	472.71779 (13110817)	467.44950 (13110817)	460.67424 (11112407)
464.48704 (11112407)	468.29295 (11112407)		
3873657.0	488.01665 (09122317)	486.18046 (13110817)	473.20632 (11112407)
477.09253 (11112407)	480.99380 (11112407)		
3873607.0	504.19472 (09122317)	502.47000 (13110817)	495.97202 (13110817)
490.64381 (11112407)	495.41931 (11112407)		
3873557.0	522.38989 (13123017)	519.74519 (09122317)	517.00887 (13110817)
505.25971 (11112407)	510.14732 (11112407)		
3873507.0	550.39906 (13123017)	538.46447 (09122317)	537.99844 (13110817)
528.93118 (13110817)	526.91517 (11112407)		
3873457.0	575.44665 (13123017)	567.02388 (13123017)	558.66398 (09122317)
554.03259 (13110817)	545.11594 (11112407)		
3873407.0	598.74931 (13123017)	597.46481 (13123017)	582.24183 (13123017)
579.05043 (13110817)	566.53212 (13110817)		
3873357.0	633.39090 (12110107)	625.13793 (13123017)	618.68174 (13123017)
605.18651 (09122317)	598.06978 (13110817)		
3873307.0	676.12039 (09012607)	660.24097 (12110107)	651.23047 (13123017)

637.65228 (13123017)	628.60727 (09122317)		
3873257.0   717.63190 (09012607)	705.95462 (09012607)	686.42576 (12110107)	
680.70170 (13123017)	660.74421 (09122317)		
3873207.0   761.90651 (09012607)	765.60591 (09012607)	746.99889 (09012607)	
722.75874 (13123017)	719.52269 (13123017)		
3873157.0   800.79994 (09012607)	803.42418 (09012607)	801.45035 (09012607)	
790.50950 (09012607)	769.66777 (13123017)		
3873107.0   892.45741 (11112117)	856.58116 (09012607)	861.29573 (09012607)	
855.98854 (09012607)	835.98112 (12110107)		
3873057.0   987.82030 (11112117)	973.18021 (11112117)	924.11282 (11112117)	
920.62056 (09012607)	922.54891 (09012607)		
3873007.0   1104.94951 (13120417)	1077.52123 (11112117)	1068.42125 (11112117)	
1025.62293 (11112117)	989.73632 (09012607)		
3872957.0   1260.61155 (13120417)	1229.49481 (13120417)	1160.92399 (13120417)	
1178.77878 (11112117)	1148.53308 (11112117)		
3872907.0   1414.73719 (13120417)	1414.90826 (13120417)	1401.78841 (13120417)	
1355.01394 (13120417)	1301.83357 (11112117)		
3872857.0   1703.27980 (12013117)	1662.04703 (12013117)	1637.96091 (12013117)	
1601.21499 (13120417)	1581.67005 (13120417)		
3872807.0   2043.80775 (10102917)	2014.69657 (12013117)	1995.49659 (12013117)	
1957.40585 (12013117)	1965.56731 (12013117)		
3872757.0   2925.79838 (12121907)	2843.65508 (12121907)	2779.92150 (12121907)	
2625.50013 (12121907)	2486.08210 (10102917)		
3872707.0   3313.75314 (13121007)	3194.91010 (12121907)	3188.55272 (12121907)	
3217.64544 (12121907)	3133.74723 (12121907)		
3872657.0   4195.78890 (13121007)	4023.40369 (13121007)	3815.71241 (13121007)	
3811.84794 (13121007)	3567.94781 (13121007)		
3872607.0   3757.49648 (11122207)	3796.88061 (09113007)	3757.93335 (09113007)	
3722.71695 (09113007)	3537.26283 (09113007)		
3872557.0   3548.99363 (09113007)	3530.83926 (09113007)	3410.66240 (09113007)	
3230.49721 (09113007)	3030.62419 (09113007)		

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1001B \*\*\*

INCLUDING SOURCE(S): 1001B ,

\*\*\* NETWORK ID: BORON ; NETWORK TYPE:  
 GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD |

X-COORD (METERS)

(METERS)	440207.60	440257.60	440307.60
440357.60	440407.60		

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3874057.0	403.67212 (11112407)	405.12667 (11112407)	401.87966 (11112407)
390.84678 (11112407)	368.67593 (11112407)		
3874007.0	407.13419 (11112407)	412.86926 (11112407)	410.24197 (11112407)
397.55082 (11112407)	377.75540 (11112407)		
3873957.0	416.72086 (11112407)	420.96290 (11112407)	418.24985 (11112407)
406.78333 (11112407)	387.18744 (11112407)		
3873907.0	426.82757 (11112407)	429.47482 (11112407)	428.12910 (11112407)
417.21124 (11112407)	397.02748 (11112407)		
3873857.0	437.50871 (11112407)	440.60614 (11112407)	437.77006 (11112407)
428.93763 (11112407)	407.35834 (11112407)		
3873807.0	448.10680 (11112407)	450.09917 (11112407)	449.43693 (11112407)
440.54684 (11112407)	420.46292 (11112407)		
3873757.0	459.35879 (11112407)	462.43023 (11112407)	461.72643 (11112407)
453.63953 (11112407)	432.80725 (11112407)		
3873707.0	472.10901 (11112407)	475.52330 (11112407)	474.72283 (11112407)
468.35949 (11112407)	446.72098 (11112407)		
3873657.0	484.94437 (11112407)	488.63266 (11112407)	491.06555 (11112407)
484.04879 (11112407)	464.16230 (11112407)		
3873607.0	498.70793 (11112407)	502.63745 (11112407)	505.77625 (11112407)
499.85894 (11112407)	480.21721 (11112407)		
3873557.0	513.53697 (11112407)	517.67751 (11112407)	523.38441 (11112407)
518.69210 (11112407)	498.47085 (11112407)		
3873507.0	531.30424 (11112407)	534.79439 (11112407)	538.26674 (11112407)
537.87003 (11112407)	519.29502 (11112407)		
3873457.0	548.76245 (11112407)	551.48020 (11112407)	555.37879 (11112407)
557.37926 (11112407)	539.73784 (11112407)		
3873407.0	568.73574 (11112407)	573.51165 (11112407)	575.93413 (11112407)
578.37474 (11112407)	565.60560 (11112407)		
3873357.0	589.64748 (11112407)	596.63985 (11112407)	602.75660 (11112407)
608.56980 (11112407)	595.55205 (11112407)		
3873307.0	615.70647 (11112407)	620.97144 (11112407)	632.74644 (11112407)
642.54846 (11112407)	632.35942 (11112407)		
3873257.0	652.76944 (13110817)	647.88623 (11112407)	658.84098 (11112407)
681.17800 (11112407)	668.41318 (11112407)		
3873207.0	706.25345 (09122317)	697.65855 (11112407)	705.02580 (11112407)
711.78288 (11112407)	702.11281 (11112407)		
3873157.0	765.48197 (13123017)	747.88661 (13110817)	737.94442 (11112407)
741.20651 (11112407)	734.94761 (11112407)		
3873107.0	822.52696 (13123017)	792.82461 (09122317)	770.80786 (11112407)
778.64909 (11112407)	792.86730 (11112407)		
3873057.0	882.45452 (12110107)	868.61938 (13123017)	840.89684 (13110817)
835.74777 (11112407)	835.95398 (11112407)		
3873007.0	986.70116 (09012607)	949.20843 (12110107)	906.86385 (09122317)
886.91714 (11112407)	910.00357 (11112407)		
3872957.0	1077.35522 (09012607)	1060.50817 (09012607)	1029.94029 (13123017)

978.66050 (13110817) 987.70346 (12111417)  
 3872907.0 | 1283.91852 (11112117) 1193.54456 (11112117) 1165.64677 (09012607)  
 1095.93344 (12111417) 1132.78850 (12111417)  
 3872857.0 | 1514.17736 (13120417) 1437.96282 (11112117) 1391.96260 (11112117)  
 1291.09881 (09012607) 1321.83827 (13010717)  
 3872807.0 | 1851.46925 (12013117) 1809.37036 (13120417) 1743.65911 (13120417)  
 1634.97701 (11112117) 1656.61795 (09110217)  
 3872757.0 | 2443.90392 (12013117) 2435.87558 (12013117) 2300.73153 (12013117)  
 2192.69922 (09110217) 2233.95313 (09110217)  
 3872707.0 | 3013.01404 (12121907) 2844.77428 (12121907) 2671.03538 (12121907)  
 2579.67704 (13121217) 2737.01664 (13121217)  
 3872657.0 | 3307.05885 (13121007) 3028.73565 (13121007) 2757.17542 (13121007)  
 2853.98991 (13121217) 3152.92079 (09111617)  
 3872607.0 | 3151.58176 (09113007) 3128.30792 (09113007) 2891.01643 (09113007)  
 2977.81877 (12112617) 3147.20747 (12112617)  
 3872557.0 | 2807.96922 (09113007) 2553.97323 (09113007) 2437.61410 (09010807)  
 2500.75152 (09010807) 2600.54382 (12022307)

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1001B \*\*\*  
 INCLUDING SOURCE(S): 1001B ,

\*\*\* NETWORK ID: BORON ; NETWORK TYPE:  
 GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3  
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Y-COORD			X-COORD (METERS)
(METERS)	440457.60	440507.60	440557.60
	440607.60	440657.60	

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 3874057.0 | 341.64245 (09021007) 344.20675 (09021007) 345.17967 (09021007)  
 344.18256 (09021007) 341.13583 (10022507)  
 3874007.0 | 347.67464 (09021007) 349.51438 (09021007) 352.00222 (09021007)  
 350.58333 (09021007) 346.49198 (10022507)  
 3873957.0 | 356.31159 (11112407) 356.72157 (09021007) 359.14714 (09021007)  
 357.23259 (09021007) 353.09226 (10022507)  
 3873907.0 | 367.17569 (11112407) 365.54620 (09021007) 366.63985 (09021007)  
 364.77369 (09021007) 361.34927 (09122808)  
 3873857.0 | 379.10736 (11112407) 374.24220 (09021007) 376.45122 (09021007)

373.41713	(10022507)	369.86154	(09122808)		
3873807.0	391.48324	(11112407)	384.75594	(09021007)	386.16515 (09021007)
383.26914	(10022507)	380.03614	(09122808)		
3873757.0	404.35996	(11112407)	395.27440	(09021007)	396.45869 (09021007)
392.21097	(10022507)	388.63442	(09122808)		
3873707.0	417.84221	(11112407)	406.49162	(09021007)	407.35902 (09021007)
403.06040	(10022507)	403.10030	(11110817)		
3873657.0	432.00124	(11112407)	419.31015	(09021007)	418.14703 (09021007)
413.66581	(10022507)	420.65598	(11110817)		
3873607.0	449.59676	(11112407)	433.06577	(09021007)	431.33797 (09021007)
430.22393	(11110817)	439.21747	(11110817)		
3873557.0	464.68256	(11112407)	447.93072	(09021007)	448.19710 (09021007)
451.22568	(11110817)	458.62828	(11110817)		
3873507.0	483.78575	(11112407)	466.01106	(09021007)	464.67572 (11110817)
472.73134	(11110817)	482.59288	(11122017)		
3873457.0	505.63320	(11112407)	485.85768	(09021007)	487.80675 (11110817)
499.31206	(11122017)	507.81439	(11122017)		
3873407.0	529.63933	(11112407)	507.70613	(09021007)	514.96774 (11122017)
527.79454	(11122017)	534.10201	(11122017)		
3873357.0	556.25354	(11112407)	535.08795	(11122017)	548.51887 (11122017)
555.91211	(11122017)	559.54637	(11122017)		
3873307.0	586.01134	(11112407)	574.01269	(11122017)	581.40266 (11122017)
585.47695	(11122017)	593.36330	(09111717)		
3873257.0	619.54645	(11112407)	608.45210	(11122017)	616.14752 (11122017)
625.14592	(09111717)	644.55249	(12011107)		
3873207.0	651.58495	(11112407)	640.77669	(11122017)	651.49250 (09111717)
683.58588	(12011107)	701.45449	(12011107)		
3873157.0	687.88676	(11112407)	693.40201	(12011107)	726.77276 (12011107)
737.74651	(12011107)	743.76480	(12011107)		
3873107.0	743.91364	(11112407)	768.14735	(12011107)	778.91533 (12011107)
784.78554	(12011107)	800.60676	(12111417)		
3873057.0	815.60222	(12011107)	841.19230	(12011107)	852.84034 (12111417)
868.71046	(12111417)	877.33782	(12111417)		
3873007.0	910.40231	(12011107)	931.08934	(12111417)	944.55396 (12111417)
952.31327	(12111417)	959.56887	(13010717)		
3872957.0	1011.35795	(12111417)	1022.67047	(12111417)	1031.31833 (13010717)
1056.46960	(13010717)	1072.14316	(13010717)		
3872907.0	1151.32603	(12111417)	1191.41474	(13010717)	1211.23269 (13010717)
1228.12106	(13103117)	1250.36989	(13103117)		
3872857.0	1362.92178	(13010717)	1397.32648	(13103117)	1421.60766 (13103117)
1457.53356	(13103117)	1474.36950	(09110217)		
3872807.0	1719.18350	(09110217)	1759.20948	(09110217)	1785.68089 (09110217)
1772.10532	(09110217)	1668.55250	(09110217)		
3872757.0	2319.68409	(09110217)	2340.73272	(09110217)	2249.97124 (09110217)
1970.24781	(09110217)	1840.72267	(09110217)		
3872707.0	2929.75991	(13121217)	3062.11366	(13121217)	2783.67900 (13121217)
2576.96849	(13121217)	2473.23044	(13121217)		
3872657.0	3299.01761	(09111617)	3431.81248	(09111617)	3553.73487 (09111617)
3664.51350	(09111617)	3759.66781	(09111617)		
3872607.0	3284.46258	(12112617)	3411.99526	(09012907)	3537.64454 (09012907)

3654.20492 (09012907) 3762.87304 (09012907)  
3872557.0 | 2747.23389 (12022307) 2860.85625 (12022307) 2954.29592 (12022307)  
3036.71706 (12022307) 3075.57518 (12022307)

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: 1001B \*\*\*

INCLUDING SOURCE(S): 1001B ,

\*\*\* NETWORK ID: BORON ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

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Y-COORD (METERS)	440707.60	440907.60	440757.60	X-COORD (METERS) 440807.60
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3874057.0	339.58553 (09122808)	338.87775 (09122808)	332.57811 (09122808)
340.98493 (11110817)	350.58468 (11110817)		
3874007.0	346.11202 (09122808)	343.37883 (09122808)	339.29722 (11110817)
353.26256 (11110817)	361.34227 (11110817)		
3873957.0	352.78487 (09122808)	348.84414 (09122808)	355.13755 (11110817)
365.36104 (11110817)	369.62622 (11110817)		
3873907.0	360.17360 (09122808)	357.59073 (11110817)	369.50091 (11110817)
376.38768 (11110817)	380.82588 (11110817)		
3873857.0	368.33749 (09122808)	373.65692 (11110817)	383.03133 (11110817)
388.02934 (11110817)	392.35117 (11122017)		
3873807.0	377.62916 (11110817)	388.28165 (11110817)	394.51161 (11110817)
397.70055 (11110817)	406.25289 (11122017)		
3873757.0	395.20459 (11110817)	402.41461 (11110817)	406.46694 (11110817)
414.43716 (11122017)	419.37828 (11122017)		
3873707.0	410.37999 (11110817)	414.68089 (11110817)	422.77590 (11122017)
430.42296 (11122017)	436.19141 (11122017)		
3873657.0	426.21953 (11110817)	431.29101 (11122017)	438.85372 (11122017)
445.84447 (11122017)	450.85026 (11122017)		
3873607.0	443.20760 (11122017)	452.44761 (11122017)	458.03544 (11122017)
463.67179 (11122017)	467.32053 (09111717)		
3873557.0	467.89256 (11122017)	473.64078 (11122017)	479.48856 (11122017)
482.06400 (11122017)	491.42844 (09111717)		
3873507.0	491.49897 (11122017)	495.31518 (11122017)	500.20217 (11122017)

508.32850	(09111717)	519.53209	(12011107)		
3873457.0	514.36929	(11122017)	518.17854	(11122017)	525.68954 (09111717)
537.60270	(12011107)	550.58532	(12011107)		
3873407.0	537.45132	(11122017)	546.75671	(09111717)	560.52916 (12011107)
573.83145	(12011107)	581.93466	(12011107)		
3873357.0	568.86920	(09111717)	585.91722	(12011107)	598.31186 (12011107)
605.57098	(12011107)	609.06627	(12011107)		
3873307.0	612.92464	(12011107)	625.49944	(12011107)	634.24776 (12011107)
638.65336	(12011107)	645.21078	(12111417)		
3873257.0	655.74609	(12011107)	666.30001	(12011107)	671.45900 (12011107)
682.07125	(12111417)	692.35962	(12111417)		
3873207.0	707.51129	(12011107)	711.63304	(12011107)	723.19688 (12111417)
730.00421	(12111417)	730.05795	(12111417)		
3873157.0	752.85410	(12111417)	764.32397	(12111417)	770.63211 (12111417)
770.65475	(12111417)	766.58423	(13010717)		
3873107.0	810.51515	(12111417)	816.45744	(12111417)	816.80432 (12111417)
840.36741	(13010717)	842.26802	(13010717)		
3873057.0	883.17960	(12111417)	889.86190	(13010717)	909.78139 (13010717)
906.07002	(13010717)	910.01006	(13103117)		
3873007.0	979.06473	(13010717)	986.80418	(13010717)	991.71246 (13103117)
1002.12667	(13103117)	996.63490	(13103117)		
3872957.0	1106.32774	(13103117)	1121.29901	(13103117)	1116.24535 (13103117)
1084.09608	(13103117)	1061.04486	(09110217)		
3872907.0	1255.61945	(13103117)	1235.29550	(09110217)	1219.07717 (09110217)
1177.68375	(09110217)	1138.79777	(09110217)		
3872857.0	1441.02584	(09110217)	1375.87223	(09110217)	1309.03015 (09110217)
1253.98025	(09110217)	1198.19959	(09110217)		
3872807.0	1550.72695	(09110217)	1468.83063	(09110217)	1421.90486 (09110217)
1363.26841	(09110217)	1211.25154	(09110217)		
3872757.0	1776.17455	(09110217)	1739.26780	(09110217)	1601.61070 (09110217)
1304.63082	(09110217)	1147.15975	(13121217)		
3872707.0	2417.74688	(13121217)	2380.58121	(13121217)	2258.54761 (13121217)
2115.10398	(13121217)	1976.47118	(13121217)		
3872657.0	3830.82548	(09111617)	3387.03848	(09111617)	2936.76248 (09111617)
2588.24565	(09111617)	2310.76963	(09111617)		
3872607.0	3846.49122	(09012907)	3401.51120	(09012907)	2969.13818 (09012907)
2633.71014	(09012907)	2360.25043	(09012907)		
3872557.0	3129.01585	(12022307)	2867.39065	(12022307)	2568.70175 (12112617)
2363.68885	(12112617)	2176.63665	(12112617)		

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1001B \*\*\*  
 INCLUDING SOURCE(S): 1001B ,

\*\*\* NETWORK ID: BORON ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD				X-COORD (METERS)
(METERS)	440957.60		441007.60	441057.60
	441107.60	441157.60		

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3874057.0	356.43903 (11110817)	358.12482 (11110817)	361.87972 (11122017)
369.63771 (11122017)	372.67081 (11122017)		
3874007.0	362.79158 (11110817)	365.26542 (11122017)	372.74289 (11122017)
377.42098 (11122017)	378.11624 (11122017)		
3873957.0	371.19290 (11110817)	377.90981 (11122017)	382.53771 (11122017)
384.94777 (11122017)	386.20236 (12122708)		
3873907.0	385.15175 (11122017)	390.12524 (11122017)	392.41731 (11122017)
391.84578 (11122017)	397.77932 (12122708)		
3873857.0	399.41282 (11122017)	402.50769 (11122017)	403.08588 (11122017)
405.55669 (12122708)	410.77452 (09111717)		
3873807.0	411.96393 (11122017)	414.20185 (11122017)	415.23617 (12122708)
420.77921 (09111717)	425.64791 (09111717)		
3873757.0	423.81626 (11122017)	425.18100 (12122708)	431.20457 (09111717)
435.91777 (09111717)	443.02702 (12011107)		
3873707.0	438.01945 (11122017)	442.15709 (09111717)	449.25831 (09111717)
456.75681 (12011107)	466.01798 (12011107)		
3873657.0	453.58035 (09111717)	461.77807 (09111717)	469.29937 (12011107)
481.22415 (12011107)	485.59162 (12011107)		
3873607.0	475.76451 (09111717)	484.99178 (12011107)	497.46093 (12011107)
501.64438 (12011107)	501.67987 (12011107)		
3873557.0	502.84662 (12011107)	514.98407 (12011107)	522.22497 (12011107)
521.38433 (12011107)	514.03164 (12011107)		
3873507.0	532.16039 (12011107)	541.87538 (12011107)	542.67706 (12011107)
535.89080 (12011107)	544.82633 (12111417)		
3873457.0	559.07972 (12011107)	562.77042 (12011107)	558.82191 (12011107)
568.31519 (12111417)	573.35950 (12111417)		
3873407.0	584.48524 (12011107)	584.40744 (12111417)	596.57848 (12111417)
599.86631 (12111417)	593.95894 (12111417)		
3873357.0	611.90280 (12111417)	624.41358 (12111417)	628.06509 (12111417)
624.05062 (12111417)	608.18633 (12111417)		
3873307.0	654.80912 (12111417)	659.25909 (12111417)	651.92925 (12111417)
639.60722 (13010717)	650.13259 (13010717)		
3873257.0	693.95888 (12111417)	684.18202 (12111417)	682.11580 (13010717)
688.56906 (13010717)	684.68477 (13010717)		
3873207.0	719.02129 (12111417)	724.92436 (13010717)	734.48803 (13010717)
725.75241 (13010717)	725.29042 (13103117)		
3873157.0	780.98005 (13010717)	782.10235 (13010717)	774.68394 (13103117)



780.66418 (13103117)	774.83691 (13103117)		
3873107.0   831.52596 (13010717)	840.88034 (13103117)	837.02559 (13103117)	
821.51572 (13103117)	797.50302 (13103117)		
3873057.0   909.76464 (13103117)	904.19734 (13103117)	878.10700 (13103117)	
853.81377 (09110217)	835.30730 (09110217)		
3873007.0   972.86384 (13103117)	947.94486 (09110217)	926.59282 (09110217)	
893.31378 (09110217)	845.03213 (09110217)		
3872957.0   1034.87837 (09110217)	1005.77656 (09110217)	958.15712 (09110217)	
890.64740 (09110217)	801.95678 (09110217)		
3872907.0   1090.13732 (09110217)	1024.34083 (09110217)	930.11361 (09110217)	
813.03082 (09110217)	675.26834 (09110217)		
3872857.0   1106.13947 (09110217)	973.73578 (09110217)	803.88659 (09110217)	
628.33103 (09110217)	531.77501 (09030307)		
3872807.0   992.94807 (09110217)	757.33455 (09110217)	712.33125 (09011407)	
715.47953 (09011407)	712.15066 (09011407)		
3872757.0   1149.74365 (13121217)	1143.28400 (13121217)	1129.57869 (13121217)	
1110.21222 (13121217)	1086.56163 (13121217)		
3872707.0   1847.25006 (13121217)	1727.38499 (13121217)	1616.83679 (13121217)	
1513.22239 (13121217)	1418.44971 (13121217)		
3872657.0   2080.35257 (09111617)	1888.93716 (09111617)	1725.91701 (09111617)	
1585.23888 (09111617)	1459.98468 (09111617)		
3872607.0   2130.05557 (09012907)	1933.12780 (09012907)	1764.78877 (09012907)	
1618.81321 (09012907)	1492.11083 (09012907)		
3872557.0   1999.28374 (12112617)	1830.98813 (12112617)	1672.37614 (12112617)	
1523.61538 (12112617)	1385.45985 (12112617)		

\*\*\* AERMOD - VERSION 19191 \*\*\* \*\*  
 \*\*\* 09/10/20

\*\*\* AERMET - VERSION 14134 \*\*\* \*\*  
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1001B \*\*\*  
 INCLUDING SOURCE(S): 1001B ,

\*\*\* NETWORK ID: BORON ; NETWORK TYPE:  
 GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD		X-COORD (METERS)
(METERS)	441207.60	441257.60
441357.60	441407.60	441307.60

3874057.0 | 371.06149 (11122017) 374.59630 (12122708) 375.40773 (09111717)

378.86017	(09111717)	377.82451	(09111717)		
3874007.0	380.48615	(12122708)	382.54994	(12122708)	386.78409 (09111717)
386.73278	(09111717)	394.10467	(12011107)		
3873957.0	389.96214	(12122708)	394.70660	(09111717)	395.25151 (09111717)
402.39417	(12011107)	410.02042	(12011107)		
3873907.0	402.69639	(09111717)	405.27998	(09111717)	410.97356 (12011107)
419.63901	(12011107)	421.42583	(12011107)		
3873857.0	414.49886	(09111717)	421.48208	(12011107)	430.78096 (12011107)
432.50993	(12011107)	429.22176	(12011107)		
3873807.0	431.95147	(12011107)	440.72468	(12011107)	444.63663 (12011107)
441.19564	(12011107)	433.42611	(12011107)		
3873757.0	453.03342	(12011107)	456.26696	(12011107)	454.47293 (12011107)
447.04778	(12011107)	447.34480	(12111417)		
3873707.0	470.50132	(12011107)	468.58588	(12011107)	462.17334 (12011107)
463.90132	(12111417)	471.86442	(12111417)		
3873657.0	484.92175	(12011107)	477.55474	(12011107)	482.54374 (12111417)
489.62225	(12111417)	490.03005	(12111417)		
3873607.0	494.69467	(12011107)	501.76939	(12111417)	508.55060 (12111417)
508.65687	(12111417)	501.33745	(12111417)		
3873557.0	522.93496	(12111417)	528.77292	(12111417)	528.55805 (12111417)
519.31696	(12111417)	505.81623	(12111417)		
3873507.0	550.62719	(12111417)	548.65276	(12111417)	538.77331 (12111417)
523.99777	(12111417)	522.53269	(13010717)		
3873457.0	571.15705	(12111417)	560.72791	(12111417)	543.61140 (12111417)
553.87547	(13010717)	555.04721	(13010717)		
3873407.0	582.84719	(12111417)	576.10398	(13010717)	584.78682 (13010717)
584.60779	(13010717)	574.47208	(13010717)		
3873357.0	612.00486	(13010717)	617.13232	(13010717)	613.40028 (13010717)
601.49446	(13010717)	603.85713	(13103117)		
3873307.0	651.42053	(13010717)	641.94896	(13010717)	636.68109 (13103117)
646.44501	(13103117)	645.30064	(13103117)		
3873257.0	671.97862	(13010717)	682.98175	(13103117)	685.45721 (13103117)
678.16209	(13103117)	659.98517	(13103117)		
3873207.0	728.01969	(13103117)	727.05755	(13103117)	712.50632 (13103117)
688.70035	(13103117)	658.59528	(09110217)		
3873157.0	759.11827	(13103117)	744.64193	(13103117)	713.99902 (09110217)
694.91022	(09110217)	663.61628	(09110217)		
3873107.0	779.45183	(09110217)	758.78637	(09110217)	725.51708 (09110217)
683.99581	(09110217)	627.64970	(09110217)		
3873057.0	801.68612	(09110217)	757.64376	(09110217)	698.01700 (09110217)
624.99255	(09110217)	546.65280	(09110217)		
3873007.0	784.27072	(09110217)	703.24863	(09110217)	611.45603 (09110217)
517.44919	(09110217)	424.44684	(09110217)		
3872957.0	696.27404	(09110217)	583.54144	(09110217)	473.60807 (09110217)
430.85491	(09030307)	392.08420	(09030307)		
3872907.0	538.79219	(09110217)	476.13216	(09030307)	424.63267 (09030307)
374.17200	(09030307)	359.40036	(09011407)		
3872857.0	489.83172	(09011407)	501.52853	(09011407)	509.95543 (09011407)
513.94956	(09011407)	514.36349	(09011407)		
3872807.0	703.14905	(09011407)	689.27953	(09011407)	671.37946 (09011407)

672.66131 (13121217) 671.96340 (13121217)  
 3872757.0 | 1059.22921 (13121217) 1029.85221 (13121217) 998.77095 (13121217)  
 966.33541 (13121217) 933.12427 (13121217)  
 3872707.0 | 1330.63594 (13121217) 1249.21021 (13121217) 1173.70364 (13121217)  
 1103.73249 (13121217) 1039.02402 (13121217)  
 3872657.0 | 1352.94088 (09111617) 1258.21037 (09111617) 1174.15976 (09111617)  
 1099.16785 (09111617) 1031.44313 (09111617)  
 3872607.0 | 1380.56305 (09012907) 1281.88034 (09012907) 1192.30077 (09012907)  
 1113.95249 (09012907) 1042.60947 (09012907)  
 3872557.0 | 1256.82169 (12112617) 1179.25981 (09012907) 1121.76602 (09012907)  
 1066.94748 (09012907) 1015.18658 (09012907)

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1001B \*\*\*

INCLUDING SOURCE(S): 1001B ,

\*\*\* NETWORK ID: BORON ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD | X-COORD (METERS)  
 (METERS) | 441457.60

3874057.0 | 386.86544 (12011107)  
 3874007.0 | 400.29964 (12011107)  
 3873957.0 | 411.31758 (12011107)  
 3873907.0 | 418.25633 (12011107)  
 3873857.0 | 421.11173 (12011107)  
 3873807.0 | 431.69675 (12111417)  
 3873757.0 | 456.20630 (12111417)  
 3873707.0 | 474.43555 (12111417)  
 3873657.0 | 483.24997 (12111417)  
 3873607.0 | 487.12468 (12111417)  
 3873557.0 | 494.45452 (13010717)  
 3873507.0 | 528.73427 (13010717)  
 3873457.0 | 548.62051 (13010717)  
 3873407.0 | 560.60327 (13103117)  
 3873357.0 | 607.94433 (13103117)  
 3873307.0 | 633.63836 (13103117)

3873257.0 | 633.09020 (13103117)  
 3873207.0 | 637.82313 (09110217)  
 3873157.0 | 621.00751 (09110217)  
 3873107.0 | 563.86999 (09110217)  
 3873057.0 | 464.65303 (09110217)  
 3873007.0 | 393.17678 (09030307)  
 3872957.0 | 351.82028 (09030307)  
 3872907.0 | 370.72300 (09011407)  
 3872857.0 | 511.46738 (09011407)  
 3872807.0 | 669.01830 (13121217)  
 3872757.0 | 900.00979 (13121217)  
 3872707.0 | 979.26457 (13121217)  
 3872657.0 | 969.25656 (09111617)  
 3872607.0 | 977.65687 (09012907)  
 3872557.0 | 966.13732 (09012907)

\*\*\* AERMOD - VERSION 19191 \*\*\*  
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\*\*\* AERMET - VERSION 14134 \*\*\*  
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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1001B  
 INCLUDING SOURCE(S): 1001B ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	X-COORD (M)
Y-COORD (M)	CONC (YYMMDDHH)		
440683.00	3872824.00	1569.84648 (09110217)	440288.00
3872787.00	1946.45391 (13120417)		
440157.30	3872789.00	2144.65781 (12013117)	439914.60
3872794.00	2304.53952 (12121907)		
442261.30	3871403.00	287.62922 (10031507)	442263.60
3871503.00	322.11403 (13111317)		
442265.80	3871603.00	343.18391 (13021307)	442268.00
3871703.00	384.40309 (09010807)		
442270.30	3871803.00	409.32269 (11121207)	442272.50
3871903.00	370.12220 (11121207)		
442274.70	3872003.00	337.37334 (12022307)	442276.90
3872103.00	553.35912 (12022307)		
442279.20	3872203.00	511.53768 (10012908)	442281.40

3872303.00	518.33702	(12112617)			
	442283.60	3872403.00	599.57248	(12112617)	442284.20
3872428.00	539.37761	(12112617)			
	442184.30	3872431.00	598.51742	(12112617)	442084.30
3872435.00	659.43548	(12112617)			
	441984.40	3872438.00	725.46666	(12112617)	441884.40
3872441.00	788.18366	(12112617)			
	441784.50	3872445.00	854.19657	(12112617)	441684.50
3872448.00	907.92645	(12112617)			
	441584.60	3872451.00	971.71839	(12112617)	441487.60
3872455.00	1012.68917	(12112617)			
	441485.00	3872355.00	946.78106	(12022307)	441482.40
3872255.00	669.51411	(12022307)			
	441482.30	3872248.00	637.08803	(12022307)	441382.30
3872252.00	744.27025	(11121207)			
	441283.60	3872255.00	830.48284	(09010807)	441281.30
3872155.00	733.50312	(13021307)			
	441279.00	3872055.00	634.58517	(13111317)	441276.70
3871955.00	552.68178	(09120207)			
	441274.30	3871855.00	471.73861	(12110707)	441274.10
3871844.00	466.40998	(12110707)			
	441174.10	3871847.00	458.65997	(13020507)	441074.20
3871850.00	428.81333	(13022207)			
	440974.20	3871853.00	423.77064	(13022207)	440874.30
3871856.00	412.51885	(13022207)			
	440774.30	3871859.00	403.59247	(10021507)	440676.30
3871862.00	404.41773	(13120607)			
	440674.00	3871762.00	335.42041	(13120607)	440671.70
3871662.00	310.09127	(12112107)			
	440669.30	3871562.00	291.75971	(12112107)	440667.00
3871463.00	252.84687	(12112107)			
	440666.80	3871450.00	248.83458	(12112107)	440766.70
3871447.00	246.52824	(09103017)			
	440866.70	3871444.00	248.81890	(09103017)	440966.60
3871441.00	258.89819	(13120607)			
	441066.60	3871438.00	262.77373	(13120607)	441166.50
3871435.00	268.38951	(10021507)			
	441266.50	3871432.00	281.05784	(10021507)	441366.40
3871429.00	304.62795	(13022207)			
	441466.40	3871426.00	311.47122	(13022207)	441566.40
3871423.00	312.34078	(13022207)			
	441666.30	3871420.00	304.93468	(13020507)	441766.30
3871417.00	313.96862	(13020507)			
	441866.20	3871415.00	313.52768	(12110707)	441966.20
3871412.00	290.79663	(10110207)			
	442066.10	3871409.00	296.11738	(09120207)	442166.10
3871406.00	288.20856	(10031507)			
	440693.20	3872567.00	3457.71041	(12022307)	440695.70
3872667.00	3802.73241	(13121217)			
	440696.30	3872690.00	3330.66641	(13121217)	440596.30

3872692.00 3302.97756 (13121217)  
 440496.30 3872695.00 3294.51877 (13121217) 440495.40  
 3872695.00 3292.11315 (13121217)  
 440496.80 3872723.00 2746.73255 (09110217) 440396.80  
 3872722.00 2677.53388 (09110217)  
 440296.80 3872722.00 2662.94674 (12121907) 440196.80  
 3872721.00 3136.14724 (12121907)  
 440096.80 3872720.00 3354.39468 (12121907) 439996.80  
 3872720.00 3339.06184 (12121907)  
 439896.80 3872719.00 3386.05689 (12121907) 439887.70  
 3872719.00 3389.13874 (12121907)  
 439885.90 3872619.00 4074.92043 (13121007) 439885.10  
 3872574.00 4111.01251 (09113007)  
 439985.10 3872573.00 4044.80577 (09113007) 440085.10  
 3872572.00 3964.74879 (09113007)  
 440185.10 3872571.00 3535.46431 (09113007) 440285.10  
 3872570.00 3002.01199 (09113007)

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 \*\*\* 09/10/20  
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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1001B \*\*\*  
 INCLUDING SOURCE(S): 1001B ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)
Y-COORD (M)	CONC	(YYMMDDHH)		
440385.10	3872570.00	2978.34224	(12022307)	440485.10
3872569.00	3230.39813	(12022307)		
440585.10	3872568.00	3362.47411	(12022307)	440685.10
3872567.00	3450.83876	(12022307)		
440685.70	3872275.00	840.88960	(09120207)	440688.30
3872375.00	1105.36234	(13111317)		
440690.80	3872475.00	1610.12509	(09010807)	440692.00
3872520.00	2097.30058	(12022307)		
440592.00	3872522.00	2029.02384	(09010807)	440492.00
3872523.00	2007.06563	(09010807)		
440392.00	3872525.00	1949.49967	(09010807)	440292.00

3872526.00 1889.41571 (10102007)  
 440192.10 3872528.00 2167.58383 (10102007) 440092.10  
 3872529.00 2355.88635 (10102007)  
 439992.10 3872531.00 2390.79401 (09112517) 439892.10  
 3872532.00 2705.16296 (09113007)  
 439884.50 3872532.00 2726.64650 (09113007) 439883.00  
 3872432.00 1560.80073 (10102007)  
 439881.50 3872332.00 1021.29598 (09010207) 439880.80  
 3872278.00 921.95709 (09010207)  
 439980.80 3872278.00 929.27934 (09010207) 440080.80  
 3872277.00 935.29134 (09010207)  
 440180.80 3872277.00 918.96632 (09010207) 440280.80  
 3872277.00 837.78933 (09010207)  
 440380.80 3872276.00 781.74233 (10021507) 440480.80  
 3872276.00 808.18791 (13022207)  
 440580.80 3872275.00 806.72727 (13020507) 440680.80  
 3872275.00 839.34497 (09120207)

\*\*\* AERMOD - VERSION 19191 \*\*\* \*\*\*  
 \*\*\* 09/10/20  
 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*  
 \*\*\* 07:21:22

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1001C \*\*\*  
 INCLUDING SOURCE(S): 1001C ,

\*\*\* NETWORK ID: COURSE ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD			X-COORD (METERS)
(METERS)	430733.00	431233.00	431733.00
	432233.00	432733.00	

3879761.0 | 16.25933 (13120417) 12.51604 (11112117) 79.06028 (11112117)  
 91.72896 (11112117) 54.38715 (11112117)  
 3879261.0 | 58.21761 (13120417) 27.57835 (13120417) 28.03523 (11112117)  
 73.60878 (11112117) 99.24323 (11112117)  
 3878761.0 | 83.00000 (13120417) 77.05274 (13120417) 41.91526 (13120417)  
 21.86011 (11112117) 70.99339 (11112117)  
 3878261.0 | 41.79615 (13120417) 80.31224 (13120417) 94.35680 (13120417)  
 62.94149 (13120417) 22.58095 (13120417)  
 3877761.0 | 55.49319 (12013117) 43.41745 (12013117) 65.60957 (13120417)

101.24183 (13120417)	88.27096 (13120417)		
3877261.0   58.91304 (12013117)	66.04630 (12013117)	60.55024 (12013117)	
44.31724 (13120417)	95.63524 (13120417)		
3876761.0   62.80232 (13121208)	50.54119 (12013117)	68.07377 (12013117)	
75.10784 (12013117)	65.71638 (12013117)		
3876261.0   85.87301 (10102917)	91.17839 (13121208)	79.44795 (13121208)	
58.16986 (12013117)	80.04158 (12013117)		
3875761.0   84.62681 (10020408)	72.80010 (10020408)	95.01519 (10102917)	
104.14064 (13121208)	101.08644 (13121208)		
3875261.0   87.40275 (12121907)	74.54038 (12121907)	96.75026 (10020408)	
102.28699 (10020408)	98.00030 (10102917)		
3874761.0   55.13505 (12121907)	80.52293 (12121907)	103.38200 (12121907)	
113.42964 (12121907)	101.63003 (12121907)		
3874261.0   21.63501 (12122017)	18.42248 (12122017)	23.78265 (12121907)	
45.68862 (12121907)	79.15404 (12121907)		
3873761.0   29.48332 (12122017)	33.21925 (12122017)	36.26849 (12122017)	
37.94640 (12122017)	37.63263 (12122017)		
3873261.0   29.79486 (09122817)	31.59821 (09122817)	32.70639 (09122817)	
33.35156 (09122817)	33.55312 (09122817)		
3872761.0   96.28255 (13121007)	102.50392 (13121007)	109.22960 (13121007)	
115.67057 (13121007)	123.19022 (13121007)		
3872261.0   48.67818 (10010817)	52.91444 (10010817)	57.65584 (10010817)	
63.34470 (10010817)	69.86163 (10010817)		
3871761.0   59.91648 (11122207)	66.15101 (11122207)	72.92030 (11122207)	
79.86484 (11122207)	88.14453 (11122207)		
3871261.0   54.79406 (09112417)	69.05809 (09113007)	87.57952 (09113007)	
106.35070 (09113007)	124.71787 (09113007)		
3870761.0   86.29206 (09113007)	81.56955 (09113007)	72.65768 (09113007)	
69.28380 (09112517)	75.63923 (09112517)		
3870261.0   53.76374 (09112517)	54.28286 (09112517)	52.12330 (09112517)	
47.70601 (09112517)	39.92189 (09112517)		
3869761.0   30.06010 (09112517)	24.46285 (09112517)	19.27540 (10110217)	
21.48541 (10110217)	25.37195 (10102007)		
3869261.0   16.90538 (10110217)	18.10183 (10102007)	24.27457 (10102007)	
34.11214 (12011217)	57.98550 (12011217)		
3868761.0   22.98650 (10102007)	35.77892 (12011217)	54.90123 (12011217)	
62.45674 (12011217)	64.09750 (09011517)		
3868261.0   51.02651 (12011217)	53.60160 (12011217)	56.87559 (09011517)	
70.50161 (09011517)	63.61521 (12112717)		
3867761.0   52.35758 (09011517)	64.07050 (09011517)	51.05084 (12112717)	
70.83956 (12112717)	58.82300 (12122817)		
3867261.0   48.71155 (09011517)	64.68112 (12112717)	59.04680 (12112717)	
53.58871 (12122817)	51.18451 (11111017)		
3866761.0   63.55582 (12112717)	50.25566 (12122817)	45.20249 (12122817)	
49.44999 (11111017)	51.46099 (09013007)		
3866261.0   53.99841 (12122817)	42.73145 (11111017)	44.70492 (11111017)	
51.23914 (09013007)	50.72568 (09013007)		
3865761.0   41.37617 (11111017)	38.24275 (11111017)	48.97888 (09013007)	
42.60727 (09013007)	24.69890 (12121917)		
3865261.0   39.06991 (09013007)	44.74312 (09013007)	35.31359 (09013007)	



19.86248 (12121917) 13.97063 (13112707)  
3864761.0 | 39.67581 (09013007) 29.01359 (09013007) 15.90468 (12121917)  
12.89858 (13112707) 29.75741 (09010507)

\*\*\* AERMOD - VERSION 19191 \*\*\* \*\*\*

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\*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: 1001C \*\*\*

INCLUDING SOURCE(S): 1001C ,

\*\*\* NETWORK ID: COURSE ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

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Y-COORD (METERS)			X-COORD (METERS)
434733.00	433233.00	433733.00	434233.00
	435233.00		

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3879761.0 | 50.86478 (10012807) 31.20253 (10012807) 64.10526 (09012607)  
117.28712 (09012607) 113.55025 (12110107)  
3879261.0 | 62.17234 (11112117) 56.44836 (10012807) 30.71118 (10012807)  
85.37863 (09012607) 117.47344 (09012607)  
3878761.0 | 107.94417 (11112117) 70.46657 (11112117) 58.93966 (10012807)  
30.30381 (10012807) 110.17459 (09012607)  
3878261.0 | 67.15517 (11112117) 117.07831 (11112117) 82.40514 (11112117)  
63.48996 (10012807) 50.07315 (09012607)  
3877761.0 | 39.96976 (13120417) 62.64165 (11112117) 125.85165 (11112117)  
94.48868 (11112117) 67.66291 (10012807)  
3877261.0 | 113.29640 (13120417) 67.22044 (13120417) 55.40025 (11112117)  
133.50367 (11112117) 110.00347 (11112117)  
3876761.0 | 75.40812 (13120417) 127.65265 (13120417) 103.61849 (13120417)  
45.92180 (11112117) 137.30008 (11112117)  
3876261.0 | 87.27667 (12013117) 71.20965 (12013117) 120.12878 (13120417)  
142.00386 (13120417) 68.61313 (13120417)  
3875761.0 | 68.44632 (12013117) 96.62642 (12013117) 100.97852 (12013117)  
88.52152 (13120417) 166.23386 (13120417)  
3875261.0 | 122.68389 (10102917) 128.52597 (13121208) 89.10005 (13121208)  
117.10200 (12013117) 118.49800 (12013117)  
3874761.0 | 122.10237 (10020408) 126.04757 (10020408) 141.23459 (10102917)  
160.72348 (13121208) 127.37261 (13121208)  
3874261.0 | 117.78146 (12121907) 146.99189 (12121907) 144.73487 (12121907)

163.61752 (10020408)	163.16245 (10020408)		
3873761.0   34.89721 (12122017)	29.68899 (12122017)	65.27528 (12121907)	
124.87593 (12121907)	194.20894 (12121907)		
3873261.0   34.21215 (12122017)	43.46201 (12122017)	53.68799 (12122017)	
63.30866 (12122017)	70.15089 (12122017)		
3872761.0   130.88397 (13121007)	138.53951 (13121007)	146.34680 (13121007)	
154.01086 (13121007)	161.23277 (13121007)		
3872261.0   77.45190 (10010817)	86.49925 (10010817)	98.07141 (10010817)	
112.13637 (10010817)	130.29004 (10010817)		
3871761.0   96.63676 (11122207)	104.87719 (11122207)	113.49369 (11122207)	
122.25234 (09113007)	176.41503 (09113007)		
3871261.0   138.04220 (09113007)	141.22790 (09113007)	132.27466 (09113007)	
117.54299 (09112517)	132.89717 (09112517)		
3870761.0   79.01015 (09112517)	77.50863 (09112517)	70.38977 (09112517)	
57.54786 (09112517)	42.68669 (10102007)		
3870261.0   31.14541 (09112517)	28.31527 (10110217)	38.61818 (10102007)	
59.43217 (12011217)	112.36317 (12011217)		
3869761.0   35.01741 (10102007)	60.57593 (12011217)	90.08619 (12011217)	
92.37257 (09011517)	122.33416 (09011517)		
3869261.0   74.29936 (12011217)	75.37946 (09011517)	95.39016 (09011517)	
108.86682 (12112717)	101.55242 (12122817)		
3868761.0   80.42842 (09011517)	81.79797 (12112717)	87.31971 (12112717)	
80.15792 (12122817)	87.17713 (11111017)		
3868261.0   78.69019 (12112717)	70.00474 (12122817)	70.14465 (11111017)	
79.91528 (09013007)	85.61998 (09013007)		
3867761.0   55.94020 (12122817)	62.74734 (11111017)	74.98783 (09013007)	
67.36371 (09013007)	27.63677 (12031507)		
3867261.0   52.63445 (11111017)	67.57090 (09013007)	52.41124 (09013007)	
23.63915 (12121917)	58.86679 (13112707)		
3866761.0   59.20327 (09013007)	40.44967 (09013007)	18.41282 (13112707)	
50.96648 (13112707)	54.84186 (09010507)		
3866261.0   31.18926 (09013007)	16.76186 (13112707)	45.15702 (13112707)	
60.72733 (09010507)	22.23209 (13020117)		
3865761.0   15.28449 (13112707)	38.72350 (13112707)	73.68173 (09010507)	
18.59134 (09123117)	12.69112 (13020117)		
3865261.0   33.74750 (09010507)	79.06597 (09010507)	46.80305 (09123117)	
16.17129 (13020117)	7.61187 (10082007)		
3864761.0   63.47935 (09010507)	68.78974 (09123117)	32.00930 (10012008)	
10.84931 (13020117)	7.78157 (10020517)		

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 \*\*\* 09/10/20

\*\*\* AERMET - VERSION 14134 \*\*\*  
 \*\*\* 07:21:22

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1001C \*\*\*  
 INCLUDING SOURCE(S): 1001C ,

\*\*\* NETWORK ID: COURSE ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

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Y-COORD (METERS)	435733.00	436233.00	X-COORD (METERS)
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437233.00	437733.00		
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3879761.0	77.79737 (12110107)	126.18115 (13123017)	58.68707 (13123017)
127.53093 (13110817)	118.33445 (12032707)		
3879261.0	123.26736 (12110107)	116.76505 (13123017)	78.78219 (13123017)
66.64810 (13110817)	120.65956 (13110817)		
3878761.0	122.71222 (09012607)	122.94862 (12110107)	159.29541 (13123017)
53.81890 (13123017)	162.46946 (13110817)		
3878261.0	141.75416 (09012607)	168.31247 (12110107)	117.56600 (13123017)
118.04732 (13123017)	124.80945 (13110817)		
3877761.0	69.23091 (09012607)	154.40792 (09012607)	127.23126 (12110107)
129.98177 (13123017)	78.58803 (13110817)		
3877261.0	73.69158 (10012807)	102.55767 (09012607)	160.90972 (09012607)
140.67322 (12110107)	172.98103 (13123017)		
3876761.0	128.22939 (11112117)	80.81196 (10012807)	144.73755 (09012607)
189.66712 (12110107)	195.55167 (13123017)		
3876261.0	142.83100 (11112117)	152.34115 (11112117)	88.16303 (10012807)
195.43023 (09012607)	204.03111 (12110107)		
3875761.0	120.34687 (13120417)	144.89851 (11112117)	183.62071 (11112117)
98.59543 (10012807)	223.60886 (09012607)		
3875261.0	157.28120 (13120417)	188.62958 (13120417)	145.70593 (11112117)
223.48114 (11112117)	134.88694 (09012607)		
3874761.0	150.15809 (12013117)	142.79685 (12013117)	243.96437 (13120417)
147.26167 (13120417)	269.82398 (11112117)		
3874261.0	205.43052 (10102917)	190.83831 (13121208)	206.51526 (12013117)
236.14970 (13120417)	275.90044 (13120417)		
3873761.0	225.42874 (12121907)	245.43489 (10020408)	272.04106 (10102917)
304.34810 (13121208)	306.74984 (12013117)		
3873261.0	70.56166 (12122017)	108.47344 (12121907)	250.94845 (12121907)
391.68903 (12121907)	424.83938 (10020408)		
3872761.0	166.38066 (13121007)	166.40816 (13121007)	159.54924 (13121007)
144.57706 (13121007)	180.65483 (12122017)		
3872261.0	153.42142 (10010817)	182.11739 (10010817)	219.37530 (10010817)
287.08358 (11122207)	400.01539 (11122207)		
3871761.0	241.30669 (09113007)	303.43657 (09113007)	331.99543 (09113007)
295.17373 (09113007)	340.44937 (09112517)		
3871261.0	137.93536 (09112517)	124.16601 (09112517)	93.82309 (09112517)
161.80882 (12011217)	304.29979 (12011217)		
3870761.0	67.80657 (10102007)	139.77043 (12011217)	191.37702 (12011217)

237.67572 (12112717)	252.76673 (12122817)		
3870261.0   124.48812 (12011217)	164.97996 (09011517)	190.13651 (12112717)	
170.49298 (11111017)	198.94539 (09013007)		
3869761.0   147.64570 (12112717)	127.02345 (12122817)	143.91748 (09013007)	
132.50295 (09013007)	141.74106 (09010507)		
3869261.0   104.40892 (11111017)	127.03653 (09013007)	81.60023 (09013007)	
122.63587 (09010507)	45.83257 (13020117)		
3868761.0   106.10263 (09013007)	53.42229 (12121917)	102.63468 (09010507)	
64.21932 (09123117)	30.82883 (13020117)		
3868261.0   34.31097 (12031507)	85.58679 (09010507)	61.36970 (09123117)	
30.70833 (13020117)	11.93461 (10020517)		
3867761.0   65.43524 (09010507)	53.68050 (09010507)	32.01134 (13020117)	
12.83602 (10020517)	7.66835 (09121009)		
3867261.0   69.10664 (09010507)	31.44387 (13020117)	11.24673 (10020517)	
8.96446 (09121009)	9.65471 (11121209)		
3866761.0   26.18901 (13020117)	11.75045 (13020117)	8.94881 (11082307)	
6.52579 (11121209)	9.70314 (11121209)		
3866261.0   15.29656 (13020117)	8.61988 (11082307)	7.49071 (09121009)	
8.76206 (11121209)	7.74648 (13100407)		
3865761.0   7.63338 (11082307)	8.04300 (09121009)	6.07164 (11121209)	
9.04078 (11121209)	5.03944 (12020710)		
3865261.0   7.91892 (11082307)	6.25540 (09121009)	7.99880 (11121209)	
8.55335 (13100407)	4.74329 (09072207)		
3864761.0   7.10744 (09121009)	5.67552 (11121209)	8.42493 (11121209)	
6.27322 (13100407)	5.57337 (09072207)		

\*\*\* AERMOD - VERSION 19191 \*\*\* \*\*  
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 09/10/20

\*\*\* AERMET - VERSION 14134 \*\*\* \*\*  
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 07:21:22

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1001C \*\*\*  
 INCLUDING SOURCE(S): 1001C ,

\*\*\* NETWORK ID: COURSE ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD			X-COORD (METERS)
(METERS)	438233.00	438733.00	439233.00
439733.00	440233.00		

3879761.0 | 109.80125 (09102117) 103.97179 (12101107) 130.63827 (13010917)

118.17886 (11112407)	83.60589 (12111517)		
3879261.0   95.50062 (12032707)	126.63126 (09102117)	144.47226 (13010917)	
129.03084 (11112407)	94.25582 (12111517)		
3878761.0   128.16023 (12032707)	145.07206 (09102117)	152.28208 (13010917)	
148.42489 (11112407)	116.86822 (12111517)		
3878261.0   146.33400 (12032707)	146.12652 (09102117)	164.94447 (13010917)	
167.12336 (09121717)	142.04462 (12111517)		
3877761.0   166.95969 (13110817)	138.53281 (09102117)	156.00592 (13010917)	
184.41173 (09121717)	153.09891 (12111517)		
3877261.0   182.47800 (13110817)	162.77480 (12032707)	160.77309 (09102117)	
192.61913 (09121717)	174.79606 (12111517)		
3876761.0   148.15301 (13110817)	181.70979 (12032707)	189.23352 (09102117)	
207.13908 (09121717)	172.13751 (12111517)		
3876261.0   205.17571 (13123017)	222.20665 (13110817)	207.08171 (09102117)	
224.32770 (13010917)	209.00878 (12111517)		
3875761.0   221.90164 (13123017)	233.44314 (13110817)	208.45911 (12032707)	
258.66775 (13010917)	241.26791 (11112407)		
3875261.0   258.56172 (09012607)	299.70196 (13123017)	266.84314 (13110817)	
226.34852 (13010917)	273.70397 (11112407)		
3874761.0   234.21298 (09012607)	334.83752 (12110107)	252.66366 (13110817)	
149.04616 (09102117)	299.59295 (11112407)		
3874261.0   333.25883 (11112117)	337.73615 (09012607)	411.79331 (13123017)	
333.31418 (13110817)	317.08301 (11112407)		
3873761.0   413.30955 (13120417)	417.91978 (11112117)	406.06767 (09012607)	
376.66316 (09122317)	374.51301 (11112407)		
3873261.0   498.13244 (13121208)	494.50366 (12013117)	572.17273 (11112117)	
537.77690 (09012607)	492.93952 (11112407)		
3872761.0   234.14072 (12121907)	719.59456 (12121907)	988.75055 (10020408)	
1092.85767 (13120417)	909.13348 (09012607)		
3872261.0   560.95594 (11122207)	792.29600 (11122207)	1420.82714 (09113007)	
2329.85875 (09113007)	1845.85121 (10102007)		
3871761.0   301.68244 (09112517)	516.85587 (12011217)	554.93999 (12112717)	
540.95870 (09010207)	511.17097 (09010207)		
3871261.0   375.26491 (12112717)	352.37164 (09013007)	330.74768 (09010507)	
353.05571 (09010207)	273.81742 (10020807)		
3870761.0   264.83042 (09013007)	251.54732 (09010507)	304.85940 (09010207)	
193.32371 (09030207)	156.79301 (13020708)		
3870261.0   208.80480 (09010507)	167.42954 (13010208)	190.54771 (09010207)	
180.08953 (10101507)	105.69271 (13020708)		
3869761.0   108.08559 (10012008)	134.20701 (09010207)	106.00710 (09030207)	
114.27673 (10101507)	121.99050 (10010408)		
3869261.0   22.25425 (11120917)	70.20228 (09010207)	66.69767 (10101507)	
70.54624 (09121117)	83.44771 (10010408)		
3868761.0   15.77460 (11120917)	31.86010 (09012908)	40.52681 (10101507)	
53.81725 (09121117)	59.53518 (10010408)		
3868261.0   10.87956 (11121209)	16.06083 (09012908)	26.46754 (10101507)	
41.37036 (09121117)	43.46336 (10010408)		
3867761.0   10.71955 (13100407)	14.91039 (09031707)	25.90007 (09100107)	
29.82764 (09121117)	28.39423 (13011508)		
3867261.0   7.97255 (13100407)	14.35033 (09031707)	22.98414 (09100107)	

23.23186 (09121117)	21.81216 (13011508)		
3866761.0   5.52709 (09072207)	11.78799 (09031707)	19.22693 (09100107)	
17.21195 (09121117)	15.31951 (13011508)		
3866261.0   6.62430 (09090207)	9.64666 (09090207)	15.48027 (09100107)	
11.15073 (13010107)	12.34436 (12091907)		
3865761.0   8.00585 (09090207)	8.46579 (10030508)	12.16264 (09100107)	
9.28274 (12041607)	11.83693 (12091907)		
3865261.0   8.77321 (09090207)	9.10289 (10030508)	9.24338 (09100107)	
8.58564 (12041607)	11.36794 (12091907)		
3864761.0   8.82382 (09090207)	9.83439 (09100107)	7.99460 (12041607)	
7.91788 (12041607)	10.97691 (12091907)		

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 \*\*\* 09/10/20

\*\*\* AERMET - VERSION 14134 \*\*\* \*\*  
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1001C \*\*\*  
 INCLUDING SOURCE(S): 1001C ,

\*\*\* NETWORK ID: COURSE ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD			X-COORD (METERS)
(METERS)	440733.00	441233.00	441733.00
442233.00	442733.00		

3879761.0	48.15473 (10021007)	52.34386 (09012717)	42.06582 (09020308)
16.70459 (09122808)	10.30700 (09101207)		
3879261.0	53.35925 (10021007)	61.78588 (09012717)	51.77235 (09020308)
23.88337 (12012417)	16.96346 (12013017)		
3878761.0	63.28754 (10021007)	82.96884 (13120517)	67.79893 (09020308)
46.79066 (12012417)	31.37113 (12013017)		
3878261.0	72.42809 (10021007)	98.58341 (13120517)	78.61694 (09020308)
71.18963 (12012417)	53.28792 (12013017)		
3877761.0	87.81875 (13120517)	120.14523 (09021007)	117.94699 (09122808)
89.51029 (12012417)	61.72508 (10102517)		
3877261.0	130.50939 (13120517)	144.49994 (09021007)	142.10760 (09122808)
87.35222 (12013017)	117.53962 (11110817)		
3876761.0	159.14641 (13120517)	167.76008 (10022507)	154.16556 (12012417)
110.17779 (10102517)	148.02446 (11110817)		
3876261.0	177.22712 (13120517)	171.57464 (10022507)	116.54564 (12012417)



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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: 1001C \*\*\*

INCLUDING SOURCE(S): 1001C ,

\*\*\* NETWORK ID: COURSE ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD			X-COORD (METERS)
(METERS)	443233.00	443733.00	444233.00
444733.00	445233.00		

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-----				
3879761.0	10.29754 (12013017)	20.16812 (10110417)	16.62161 (13012409)	
18.82857 (09012708)	18.02958 (10111007)			
3879261.0	27.34222 (12013017)	21.17818 (10102517)	23.16987 (09012708)	
22.13051 (10111007)	30.46801 (12122708)			
3878761.0	19.12030 (10110417)	29.34377 (11110817)	26.93619 (13011417)	
29.44520 (12122708)	35.47856 (09111717)			
3878261.0	25.92899 (10102517)	35.53379 (09012708)	28.95496 (10111007)	
43.36319 (09111717)	39.56713 (13121817)			
3877761.0	52.30654 (11110817)	47.19828 (11122017)	50.43079 (12122708)	
56.83875 (09111717)	70.53384 (12011107)			
3877261.0	97.71663 (11122017)	82.01718 (12122708)	74.47201 (09111717)	
106.79732 (12011107)	50.23242 (12111417)			
3876761.0	124.53632 (12122708)	122.15130 (09111717)	127.60275 (12011107)	
80.13079 (12111417)	124.34540 (12111417)			
3876261.0	167.94504 (09111717)	166.47786 (12011107)	111.40240 (12111417)	
155.54527 (12111417)	100.11001 (11100607)			
3875761.0	201.97134 (12011107)	152.39164 (12111417)	168.95371 (12111417)	
150.19600 (13010717)	116.62302 (12121307)			
3875261.0	177.62186 (12111417)	162.73683 (12111417)	185.40053 (13010717)	
145.26891 (09012707)	162.40607 (13103117)			
3874761.0	173.52014 (12111417)	176.16816 (13010717)	175.66155 (13103117)	
134.43704 (09110217)	97.68942 (09110217)			
3874261.0	225.52085 (13103117)	182.07515 (09110217)	130.45141 (09110217)	
65.62046 (09030307)	62.99868 (09030307)			
3873761.0	186.95961 (09110217)	99.11129 (09030307)	79.31159 (09030307)	
50.81155 (09030307)	28.28508 (09030307)			
3873261.0	87.73539 (09030307)	39.63242 (09030307)	57.76891 (09011407)	
70.42450 (09011407)	75.81852 (09011407)			
3872761.0	203.37149 (13121217)	221.31745 (13121217)	219.39448 (13121217)	



207.06134	(13121217)	175.47306	(13121217)		
3872261.0	364.75507	(09012907)	304.30079	(09012907)	252.63643 (09012907)
206.98430	(09012907)	166.39948	(09012907)		
3871761.0	271.60141	(10012908)	165.28656	(12112617)	214.15735 (12112617)
234.07833	(12112617)	199.23736	(12112617)		
3871261.0	199.07969	(11121207)	94.65768	(13111117)	175.73601 (12022307)
198.03716	(12022307)	168.40825	(10012908)		
3870761.0	138.81323	(13111317)	147.07361	(10030107)	152.02818 (11121207)
102.13470	(12112207)	63.55168	(13111117)		
3870261.0	93.23424	(10012608)	90.56559	(10031507)	86.30550 (13111317)
107.00245	(12120717)	98.22895	(11121207)		
3869761.0	44.74614	(11102407)	53.45649	(13012117)	69.25155 (10031507)
48.63450	(13111317)	21.03471	(13021307)		
3869261.0	31.24322	(09020508)	34.40753	(12112808)	43.95378 (13012117)
42.05842	(10012608)	28.79268	(10031507)		
3868761.0	19.09326	(09010608)	24.06212	(09020508)	35.78719 (11102407)
33.91869	(13012117)	25.20889	(09011317)		
3868261.0	15.90422	(09123107)	19.61560	(09010608)	22.95307 (13022207)
27.97604	(12112808)	15.68721	(13110617)		
3867761.0	16.70958	(13030807)	20.13918	(09123107)	19.79629 (09020508)
18.78794	(12112808)	23.31782	(12112808)		
3867261.0	21.66515	(12111317)	13.97476	(13030807)	16.20269 (09123107)
18.04625	(09020508)	15.82618	(12112808)		
3866761.0	22.96664	(12011117)	14.97411	(13030807)	10.89141 (09123107)
10.64682	(09123107)	15.74869	(09020508)		
3866261.0	19.16361	(09103017)	17.25495	(12111317)	13.17699 (13030807)
9.39469	(09123107)	8.05576	(11121308)		
3865761.0	11.48758	(09103017)	17.18632	(12011117)	12.27783 (10040707)
9.63325	(13030807)	6.12723	(09123107)		
3865261.0	9.30440	(09021608)	13.86712	(12011117)	13.33075 (12111317)
10.91455	(13030807)	6.10941	(13030807)		
3864761.0	11.66154	(09021608)	9.11399	(12011009)	13.97868 (12011117)
11.73874	(10040707)	8.50841	(13030807)		

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1001C \*\*\*  
 INCLUDING SOURCE(S): 1001C ,

\*\*\* NETWORK ID: COURSE ; NETWORK TYPE:  
 GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD  
(METERS)

445733.00

X-COORD (METERS)

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-----  
3879761.0 | 27.21442 (12122708)  
3879261.0 | 34.66030 (09111717)  
3878761.0 | 37.20565 (12011107)  
3878261.0 | 59.21236 (12011107)  
3877761.0 | 31.36280 (12111417)  
3877261.0 | 102.43707 (12111417)  
3876761.0 | 98.39232 (11100607)  
3876261.0 | 129.31134 (13010717)  
3875761.0 | 147.18390 (13103117)  
3875261.0 | 149.51026 (09110217)  
3874761.0 | 50.23795 (09030307)  
3874261.0 | 49.70129 (09030307)  
3873761.0 | 17.30755 (12012517)  
3873261.0 | 74.93465 (09011407)  
3872761.0 | 124.46182 (13121217)  
3872261.0 | 133.31398 (09012907)  
3871761.0 | 149.02036 (12112617)  
3871261.0 | 90.81950 (10012908)  
3870761.0 | 93.55075 (12022307)  
3870261.0 | 74.28605 (12112207)  
3869761.0 | 54.09933 (12120717)  
3869261.0 | 37.33298 (13111317)  
3868761.0 | 28.22641 (10031507)  
3868261.0 | 20.14237 (09011317)  
3867761.0 | 10.62677 (13110617)  
3867261.0 | 21.53565 (12112808)  
3866761.0 | 13.76520 (12112808)  
3866261.0 | 13.37434 (09020508)  
3865761.0 | 7.90168 (12102908)  
3865261.0 | 4.46858 (12102908)  
3864761.0 | 2.94241 (13030807)

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: 1001C \*\*\*

INCLUDING SOURCE(S): 1001C ,

\*\*\* NETWORK ID: BORON ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD				X-COORD (METERS)
(METERS)	439957.60		440007.60	440057.60
440107.60		440157.60		

-----

3874057.0	330.50090 (09121717)	335.11472 (11112407)	335.85544 (11112407)
335.36582 (11112407)	334.96154 (11112407)		
3874007.0	334.41193 (09121717)	339.20375 (11112407)	340.79695 (11112407)
340.27593 (11112407)	339.51788 (11112407)		
3873957.0	340.25371 (09121717)	345.20607 (11112407)	346.71332 (11112407)
346.15694 (11112407)	345.67596 (11112407)		
3873907.0	346.50954 (11112407)	352.12288 (11112407)	353.27357 (11112407)
353.28931 (11112407)	352.79293 (11112407)		
3873857.0	354.01470 (11112407)	359.12045 (11112407)	360.49539 (11112407)
360.78970 (11112407)	360.60560 (11112407)		
3873807.0	361.11671 (11112407)	367.08881 (11112407)	368.11114 (11112407)
368.37148 (11112407)	368.16031 (11112407)		
3873757.0	369.75827 (11112407)	375.50577 (11112407)	376.46383 (11112407)
376.37400 (11112407)	376.14015 (11112407)		
3873707.0	378.35948 (11112407)	384.40971 (11112407)	384.98492 (11112407)
384.84892 (11112407)	384.58647 (11112407)		
3873657.0	387.79288 (11112407)	393.84779 (11112407)	394.02845 (11112407)
393.84482 (11112407)	393.54754 (11112407)		
3873607.0	400.00334 (13110817)	403.26332 (11112407)	404.27171 (11112407)
403.40212 (11112407)	403.41885 (11112407)		
3873557.0	411.05254 (13110817)	413.63127 (11112407)	414.51685 (11112407)
413.60211 (11112407)	413.58034 (11112407)		
3873507.0	424.07966 (09122317)	425.01810 (11112407)	425.79516 (11112407)
425.49068 (11112407)	424.79142 (11112407)		
3873457.0	437.56241 (09122317)	437.21640 (11112407)	437.55290 (11112407)
437.18754 (11112407)	436.79366 (11112407)		
3873407.0	451.52960 (09122317)	450.32259 (11112407)	450.84211 (11112407)
450.11143 (11112407)	449.33203 (11112407)		
3873357.0	470.73082 (13123017)	465.50817 (09122317)	464.51844 (11112407)
464.04865 (11112407)	463.22555 (11112407)		
3873307.0	492.15081 (13123017)	481.99654 (13123017)	479.53829 (09122317)
478.79716 (11112407)	478.26201 (11112407)		
3873257.0	512.33264 (13123017)	506.91089 (13123017)	497.37530 (09122317)
495.51689 (11112407)	494.59833 (11112407)		
3873207.0	535.23087 (13123017)	533.81122 (13123017)	524.66180 (13123017)
516.45354 (09122317)	515.62126 (11112407)		
3873157.0	562.65459 (12110107)	555.06934 (13123017)	550.81044 (13123017)
541.63441 (13123017)	537.66489 (09122317)		
3873107.0	593.96335 (09012607)	586.51937 (12110107)	580.06729 (13123017)

573.07541 (13123017)	563.41520 (09122317)		
3873057.0   635.71479 (09012607)	621.02229 (09012607)	607.26040 (12110107)	
605.15061 (13123017)	597.32299 (13123017)		
3873007.0   676.02171 (09012607)	669.08251 (09012607)	651.33399 (09012607)	
636.26724 (13123017)	632.53419 (13123017)		
3872957.0   709.89651 (09012607)	706.43788 (09012607)	699.93941 (09012607)	
685.07713 (12110107)	671.74191 (13123017)		
3872907.0   755.90519 (09012607)	753.49434 (09012607)	749.66238 (09012607)	
740.18080 (09012607)	723.08622 (12110107)		
3872857.0   837.92743 (11112117)	800.46614 (11112117)	804.33642 (09012607)	
800.02922 (09012607)	788.64361 (09012607)		
3872807.0   922.44725 (11112117)	905.38609 (11112117)	870.09764 (11112117)	
851.36453 (09012607)	857.95016 (09012607)		
3872757.0   1008.04280 (13120417)	997.36168 (11112117)	989.65697 (11112117)	
956.71573 (11112117)	924.94110 (09012607)		
3872707.0   1171.82778 (13120417)	1139.34820 (13120417)	1092.39583 (11112117)	
1091.03081 (11112117)	1060.88342 (11112117)		
3872657.0   1337.19831 (13120417)	1323.23055 (13120417)	1292.52543 (13120417)	
1267.21135 (13120417)	1210.98430 (11112117)		
3872607.0   1613.49307 (12013117)	1598.15255 (12013117)	1551.87708 (12013117)	
1506.89782 (13120417)	1463.30495 (13120417)		
3872557.0   1980.09760 (12121907)	1966.03696 (12013117)	1950.47892 (12013117)	
1896.29602 (12013117)	1821.85047 (12013117)		

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1001C \*\*\*  
 INCLUDING SOURCE(S): 1001C ,

\*\*\* NETWORK ID: BORON ; NETWORK TYPE:  
 GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3  
 \*\*

Y-COORD			X-COORD (METERS)
(METERS)	440207.60	440257.60	440307.60
440357.60	440407.60		

3874057.0	335.17288 (11112407)	335.28569 (11112407)	334.75554 (11112407)
331.82393 (11112407)	320.92493 (11112407)		
3874007.0	338.69119 (11112407)	340.79398 (11112407)	340.42493 (11112407)

336.84147	(11112407)	328.20450	(11112407)		
3873957.0	345.47359	(11112407)	346.58819	(11112407)	345.97098 (11112407)
343.23730	(11112407)	335.64599	(11112407)		
3873907.0	352.59351	(11112407)	352.70721	(11112407)	352.54707 (11112407)
350.22346	(11112407)	343.27496	(11112407)		
3873857.0	360.07976	(11112407)	360.22234	(11112407)	359.07219 (11112407)
357.84448	(11112407)	351.11895	(11112407)		
3873807.0	367.61206	(11112407)	367.04821	(11112407)	366.67459 (11112407)
365.38523	(11112407)	360.32033	(11112407)		
3873757.0	375.57165	(11112407)	375.35269	(11112407)	374.66518 (11112407)
373.63997	(11112407)	369.03176	(11112407)		
3873707.0	384.34400	(11112407)	384.12884	(11112407)	383.10371 (11112407)
382.67093	(11112407)	378.42370	(11112407)		
3873657.0	393.28109	(11112407)	393.04633	(11112407)	393.17671 (11112407)
392.15863	(11112407)	389.39372	(11112407)		
3873607.0	402.78207	(11112407)	402.51793	(11112407)	402.65300 (11112407)
401.75207	(11112407)	399.56512	(11112407)		
3873557.0	412.91181	(11112407)	412.61686	(11112407)	413.55352 (11112407)
412.75174	(11112407)	410.64285	(11112407)		
3873507.0	424.45996	(11112407)	423.78447	(11112407)	423.50491 (11112407)
423.99892	(11112407)	422.74375	(11112407)		
3873457.0	436.06890	(11112407)	434.98810	(11112407)	434.65481 (11112407)
435.55198	(11112407)	434.59523	(11112407)		
3873407.0	448.92753	(11112407)	448.56802	(11112407)	447.45238 (11112407)
447.94336	(11112407)	448.64638	(11112407)		
3873357.0	462.42179	(11112407)	462.79486	(11112407)	462.91350 (11112407)
464.13261	(11112407)	464.24792	(11112407)		
3873307.0	478.15805	(11112407)	477.74632	(11112407)	479.76271 (11112407)
481.90963	(11112407)	482.40376	(11112407)		
3873257.0	494.06331	(11112407)	493.98398	(11112407)	495.47035 (11112407)
501.54179	(11112407)	500.15756	(11112407)		
3873207.0	516.28138	(11112407)	518.47535	(11112407)	518.48399 (11112407)
518.58016	(11112407)	517.20322	(11112407)		
3873157.0	539.97958	(11112407)	538.59774	(11112407)	537.21531 (11112407)
535.83595	(11112407)	534.43582	(11112407)		
3873107.0	560.40029	(09122317)	558.03206	(11112407)	556.58596 (11112407)
556.41905	(11112407)	560.23374	(11112407)		
3873057.0	586.03376	(09122317)	583.65174	(11112407)	583.56945 (11112407)
583.59901	(11112407)	582.07452	(11112407)		
3873007.0	618.16768	(13123017)	614.72154	(09122317)	609.09164 (11112407)
609.78083	(11112407)	613.67670	(11112407)		
3872957.0	663.88913	(13123017)	646.11627	(09122317)	645.38958 (13110817)
642.66368	(11112407)	640.94783	(11112407)		
3872907.0	709.26177	(13123017)	699.87319	(13123017)	683.11383 (09122317)
674.81307	(11112407)	677.01741	(11112407)		
3872857.0	763.68640	(12110107)	750.41549	(13123017)	738.40630 (13123017)
723.71486	(13110817)	715.59645	(11112407)		
3872807.0	845.64754	(09012607)	815.00023	(12110107)	806.83242 (13123017)
785.19355	(09122317)	767.55554	(13110817)		
3872757.0	922.84327	(09012607)	913.41677	(09012607)	876.04129 (12110107)

854.99965 (13123017) 826.95262 (09122317)  
3872707.0 | 999.84511 (09012607) 993.54385 (09012607) 977.87526 (09012607)  
946.97799 (12110107) 930.25369 (12111417)  
3872657.0 | 1184.18049 (11112117) 1121.70882 (11112117) 1088.73112 (09012607)  
1061.14984 (09012607) 1081.90677 (12111417)  
3872607.0 | 1363.58114 (13120417) 1321.27271 (11112117) 1262.04208 (11112117)  
1195.34798 (12111417) 1242.55899 (13010717)  
3872557.0 | 1722.03877 (12013117) 1593.26465 (12013117) 1467.72329 (13120417)  
1531.78925 (09110217) 1606.50968 (09110217)

\*\*\* AERMOD - VERSION 19191 \*\*\* \*\*\*  
\*\*\* 09/10/20

\*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*  
\*\*\* 07:21:22

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: 1001C \*\*\*  
INCLUDING SOURCE(S): 1001C ,

\*\*\* NETWORK ID: BORON ; NETWORK TYPE:  
GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD | X-COORD (METERS)  
(METERS) | 440457.60 440507.60 440557.60  
440607.60 440657.60

-----  
3874057.0 | 296.95721 (11112407) 285.69429 (09021007) 285.88692 (09021007)  
285.43037 (09021007) 285.08201 (09021007)  
3874007.0 | 304.93051 (11112407) 289.31205 (09021007) 290.39475 (09021007)  
289.83881 (09021007) 289.06077 (09021007)  
3873957.0 | 313.88025 (11112407) 294.15327 (09021007) 295.06764 (09021007)  
294.43613 (09021007) 294.01490 (09021007)  
3873907.0 | 323.44758 (11112407) 299.96398 (09021007) 299.92893 (09021007)  
299.66057 (09021007) 299.62402 (09021007)  
3873857.0 | 333.64945 (11112407) 305.56597 (09021007) 306.29047 (09021007)  
305.55868 (09021007) 305.08547 (09021007)  
3873807.0 | 344.13174 (11112407) 312.28194 (09021007) 312.51906 (09021007)  
312.21741 (09021007) 311.71833 (09021007)  
3873757.0 | 354.92265 (11112407) 319.38024 (12111517) 319.08912 (09021007)  
318.30254 (09021007) 317.32034 (09021007)  
3873707.0 | 366.02336 (11112407) 330.88769 (11112407) 326.00992 (09021007)  
325.69332 (09021007) 325.63382 (09021007)  
3873657.0 | 377.45000 (11112407) 344.87862 (11112407) 332.84873 (09021007)

333.01525 (09021007)	332.43797 (09021007)		
3873607.0   390.51386 (11112407)	359.45634 (11112407)	341.11310 (09021007)	
341.29821 (09021007)	341.22049 (09021007)		
3873557.0   402.27478 (11112407)	374.65838 (11112407)	351.56172 (09021007)	
350.66807 (09021007)	351.16616 (09021007)		
3873507.0   415.81201 (11112407)	391.40216 (11112407)	361.02408 (09021007)	
361.28167 (09021007)	360.63322 (09021007)		
3873457.0   430.41743 (11112407)	408.93042 (11112407)	371.75446 (09021007)	
372.70088 (09021007)	378.21819 (11110817)		
3873407.0   445.75467 (11112407)	427.26683 (11112407)	383.97612 (09021007)	
386.62074 (11110817)	395.59479 (11110817)		
3873357.0   461.94405 (11112407)	446.49081 (11112407)	397.20980 (09021007)	
406.26608 (11110817)	410.49231 (11110817)		
3873307.0   479.13737 (11112407)	466.66537 (11112407)	417.53746 (11110817)	
424.25340 (11110817)	428.03189 (11122017)		
3873257.0   497.49740 (11112407)	486.39515 (11112407)	439.48038 (11110817)	
442.41105 (11110817)	451.92890 (11122017)		
3873207.0   514.99533 (11112407)	505.64207 (11112407)	462.39835 (11112407)	
469.01394 (11122017)	477.94810 (11122017)		
3873157.0   533.92055 (11112407)	528.92497 (11112407)	495.08685 (11112407)	
493.38529 (11122017)	495.09982 (11122017)		
3873107.0   559.34435 (11112407)	553.81360 (11112407)	521.85692 (11112407)	
512.61957 (11122017)	515.41743 (09111717)		
3873057.0   580.40130 (11112407)	581.59685 (11112407)	555.42276 (11112407)	
541.36419 (09111717)	549.82190 (09111717)		
3873007.0   613.04079 (11112407)	609.81877 (11112407)	589.34805 (11112407)	
577.67050 (09111717)	595.33473 (12011107)		
3872957.0   639.20645 (11112407)	636.62034 (11112407)	621.41625 (11112407)	
623.05593 (12011107)	630.99598 (12011107)		
3872907.0   677.47986 (11112407)	677.71976 (11112407)	670.79674 (12011107)	
678.79825 (12011107)	680.55641 (12011107)		
3872857.0   717.33051 (11112407)	715.18154 (11112407)	721.68580 (12011107)	
731.57246 (12111417)	753.19574 (12111417)		
3872807.0   772.98552 (12011107)	780.65608 (12011107)	790.25193 (12111417)	
803.72533 (12111417)	808.39446 (12111417)		
3872757.0   849.34044 (12011107)	866.95588 (12111417)	877.93876 (12111417)	
880.83634 (12111417)	898.42272 (13010717)		
3872707.0   963.77812 (12111417)	972.05888 (12111417)	976.70682 (13010717)	
997.07391 (13010717)	1007.73019 (13010717)		
3872657.0   1091.41034 (12111417)	1117.46416 (13010717)	1132.24515 (13010717)	
1148.20257 (13103117)	1165.75073 (13103117)		
3872607.0   1283.50778 (13010717)	1324.85781 (13103117)	1365.58958 (09110217)	
1393.61370 (09110217)	1410.11309 (09110217)		
3872557.0   1689.88082 (09110217)	1724.34076 (09110217)	1752.95398 (09110217)	
1761.19944 (09110217)	1763.81442 (09110217)		
▲ *** AERMOD - VERSION 19191 ***	***	***	
	***	09/10/20	
*** AERMET - VERSION 14134 ***	***	***	
	***	07:21:22	

\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: 1001C \*\*\*

INCLUDING SOURCE(S): 1001C ,

\*\*\* NETWORK ID: BORON ; NETWORK TYPE:  
GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD			X-COORD (METERS)
(METERS)	440707.60	440757.60	440807.60
	440857.60	440907.60	

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3874057.0	284.63325 (09021007)	284.02977 (10022507)	282.71470 (09122808)
283.00355 (09122808)	280.23027 (09122808)		
3874007.0	288.93842 (09021007)	287.42813 (10022507)	286.24516 (09122808)
286.00325 (09122808)	283.82456 (09122808)		
3873957.0	293.42677 (09021007)	291.75744 (10022507)	290.72056 (09122808)
290.27598 (09122808)	286.22633 (11110817)		
3873907.0	298.53833 (09021007)	297.08898 (10022507)	295.79792 (09122808)
294.69355 (09122808)	300.09102 (11110817)		
3873857.0	304.33397 (09021007)	301.78822 (10022507)	301.52998 (09122808)
300.57412 (11110817)	311.35766 (11110817)		
3873807.0	309.95706 (09021007)	307.11635 (10022507)	306.63987 (09122808)
312.88497 (11110817)	320.28821 (11110817)		
3873757.0	316.32354 (09021007)	313.34415 (09122808)	314.81181 (11110817)
324.65452 (11110817)	328.50427 (11110817)		
3873707.0	322.55117 (09021007)	319.13024 (09122808)	328.59295 (11110817)
335.09656 (11110817)	339.03132 (11110817)		
3873657.0	330.12091 (09021007)	331.74798 (11110817)	339.58407 (11110817)
344.65010 (11110817)	347.95532 (11110817)		
3873607.0	338.66087 (10022507)	346.83162 (11110817)	351.90653 (11110817)
355.37849 (11110817)	363.66183 (11122017)		
3873557.0	354.16821 (11110817)	360.90333 (11110817)	364.85378 (11110817)
370.20616 (11122017)	377.67989 (11122017)		
3873507.0	370.57026 (11110817)	374.15034 (11110817)	378.58244 (11122017)
387.04490 (11122017)	390.79095 (11122017)		
3873457.0	385.01954 (11110817)	387.12977 (11110817)	396.12122 (11122017)
400.13098 (11122017)	402.25579 (11122017)		
3873407.0	398.16446 (11110817)	406.90498 (11122017)	412.08450 (11122017)
414.75313 (11122017)	416.01434 (11122017)		
3873357.0	417.36008 (11122017)	424.81298 (11122017)	427.40061 (11122017)
428.15217 (11122017)	433.16673 (09111717)		
3873307.0	437.55706 (11122017)	440.96732 (11122017)	442.88019 (11122017)



447.59256 (09111717)	453.89676 (09111717)		
3873257.0   455.56865 (11122017)	458.79079 (11122017)	463.29592 (09111717)	
470.27471 (09111717)	482.52449 (12011107)		
3873207.0   479.00922 (11122017)	482.25371 (09111717)	488.12645 (09111717)	
499.74885 (12011107)	507.50627 (12011107)		
3873157.0   498.09945 (09111717)	504.68907 (09111717)	517.57436 (12011107)	
525.36984 (12011107)	528.21900 (12011107)		
3873107.0   522.84507 (09111717)	537.05442 (12011107)	544.87282 (12011107)	
557.82363 (12011107)	558.06723 (12011107)		
3873057.0   565.64896 (12011107)	573.59334 (12011107)	581.13858 (12011107)	
581.20521 (12011107)	590.03104 (12111417)		
3873007.0   603.32583 (12011107)	605.66990 (12011107)	608.30741 (12111417)	
622.12086 (12111417)	632.54828 (12111417)		
3872957.0   646.74808 (12011107)	652.66633 (12111417)	663.89431 (12111417)	
667.80844 (12111417)	668.62513 (12111417)		
3872907.0   691.80704 (12111417)	699.89705 (12111417)	712.84152 (12111417)	
712.90705 (12111417)	720.03505 (13010717)		
3872857.0   759.66157 (12111417)	761.27608 (12111417)	760.60256 (12111417)	
772.16024 (13010717)	784.35360 (13010717)		
3872807.0   808.87037 (12111417)	819.00659 (13010717)	834.37225 (13010717)	
855.48623 (13010717)	859.54862 (13010717)		
3872757.0   913.44435 (13010717)	921.36555 (13010717)	924.81272 (13010717)	
938.46886 (13103117)	955.28911 (13103117)		
3872707.0   1016.21821 (13103117)	1043.03691 (13103117)	1060.51738 (13103117)	
1064.21816 (13103117)	1064.91331 (09110217)		
3872657.0   1179.61092 (09110217)	1197.98586 (09110217)	1209.04836 (09110217)	
1206.20122 (09110217)	1168.54314 (09110217)		
3872607.0   1420.01840 (09110217)	1427.48526 (09110217)	1421.14838 (09110217)	
1329.96991 (09110217)	1183.24749 (09110217)		
3872557.0   1762.44732 (09110217)	1698.90756 (09110217)	1490.14967 (09110217)	
1261.15515 (09110217)	1033.41851 (09110217)		

\*\*\* AERMOD - VERSION 19191 \*\*\*  
 \*\*\* 09/10/20  
 \*\*\* AERMET - VERSION 14134 \*\*\*  
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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1001C \*\*\*

INCLUDING SOURCE(S): 1001C ,

\*\*\* NETWORK ID: BORON ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

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Y-COORD |

X-COORD (METERS)

(METERS)	440957.60	441007.60	441057.60
441107.60	441157.60		

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3874057.0	275.46431 (11110817)	287.07935 (11110817)	294.00798 (11110817)
299.09612 (11110817)	301.84316 (11110817)		
3874007.0	286.24366 (11110817)	295.59792 (11110817)	300.32202 (11110817)
303.74300 (11110817)	305.78486 (11110817)		
3873957.0	297.01215 (11110817)	303.22827 (11110817)	306.29699 (11110817)
308.83628 (11110817)	314.71784 (11122017)		
3873907.0	307.48567 (11110817)	310.75377 (11110817)	312.62835 (11110817)
316.30419 (11122017)	323.57617 (11122017)		
3873857.0	316.46868 (11110817)	318.61255 (11110817)	320.21423 (11122017)
327.38371 (11122017)	331.35541 (11122017)		
3873807.0	324.25302 (11110817)	326.25363 (11110817)	332.50146 (11122017)
337.33072 (11122017)	339.88856 (11122017)		
3873757.0	331.60251 (11110817)	337.62846 (11122017)	343.48069 (11122017)
345.61574 (11122017)	347.17815 (11122017)		
3873707.0	342.66027 (11122017)	349.70473 (11122017)	353.55115 (11122017)
355.57950 (11122017)	354.81132 (11122017)		
3873657.0	356.10083 (11122017)	360.72034 (11122017)	362.63410 (11122017)
363.94195 (11122017)	365.29849 (12122708)		
3873607.0	368.70821 (11122017)	371.72303 (11122017)	373.40383 (11122017)
373.86066 (12122708)	379.24379 (09111717)		
3873557.0	381.92679 (11122017)	383.31596 (11122017)	385.28801 (12122708)
389.66603 (09111717)	392.40319 (09111717)		
3873507.0	392.52379 (11122017)	395.62886 (12122708)	400.79056 (09111717)
403.80782 (09111717)	410.25137 (12011107)		
3873457.0	403.98192 (12122708)	410.63927 (09111717)	415.40732 (09111717)
421.79986 (12011107)	430.29401 (12011107)		
3873407.0	421.16320 (09111717)	427.07562 (09111717)	436.29185 (12011107)
444.35134 (12011107)	447.58689 (12011107)		
3873357.0	438.85987 (09111717)	449.75095 (12011107)	458.68988 (12011107)
464.30792 (12011107)	465.19886 (12011107)		
3873307.0	464.18407 (12011107)	474.24263 (12011107)	478.29239 (12011107)
481.60770 (12011107)	482.71074 (12011107)		
3873257.0	491.09551 (12011107)	494.22066 (12011107)	496.70506 (12011107)
497.95029 (12011107)	504.39514 (12111417)		
3873207.0	510.50608 (12011107)	511.10773 (12011107)	518.33223 (12011107)
527.49966 (12111417)	532.38598 (12111417)		
3873157.0	533.92373 (12011107)	540.18915 (12111417)	548.67608 (12111417)
552.75328 (12111417)	553.82640 (12111417)		
3873107.0	564.10060 (12111417)	571.49326 (12111417)	574.70405 (12111417)
575.34337 (12111417)	573.47098 (12111417)		
3873057.0	596.17697 (12111417)	605.84622 (12111417)	606.03813 (12111417)
604.09231 (12111417)	607.96904 (13010717)		
3873007.0	638.17910 (12111417)	637.94569 (12111417)	638.65273 (12111417)
646.51664 (13010717)	649.94692 (13010717)		
3872957.0	670.93691 (12111417)	684.89704 (13010717)	694.23499 (13010717)

695.51836 (13010717)	687.12433 (13010717)		
3872907.0   731.21422 (13010717)	737.06681 (13010717)	736.28524 (13010717)	
744.19311 (13103117)	749.32257 (13103117)		
3872857.0   790.03770 (13010717)	798.25348 (13010717)	808.70770 (13103117)	
809.64560 (13103117)	797.39955 (13103117)		
3872807.0   868.72415 (13103117)	873.38624 (13103117)	876.85315 (13103117)	
856.60983 (13103117)	828.91818 (09110217)		
3872757.0   961.90334 (13103117)	951.33167 (13103117)	928.20373 (09110217)	
885.41604 (09110217)	822.21828 (09110217)		
3872707.0   1051.09979 (09110217)	1012.56678 (09110217)	941.11465 (09110217)	
855.85344 (09110217)	750.65415 (09110217)		
3872657.0   1104.99610 (09110217)	993.05963 (09110217)	864.40045 (09110217)	
732.35800 (09110217)	610.30691 (09110217)		
3872607.0   1020.38687 (09110217)	858.73240 (09110217)	702.01526 (09110217)	
558.36506 (09110217)	535.36234 (09011407)		
3872557.0   840.16701 (13121217)	830.07272 (13121217)	817.05331 (13121217)	
802.97776 (13121217)	788.28686 (13121217)		

\*\*\* AERMOD - VERSION 19191 \*\*\* \*\*\*  
 \*\*\* 09/10/20  
 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*  
 \*\*\* 07:21:22

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1001C \*\*\*  
 INCLUDING SOURCE(S): 1001C ,

\*\*\* NETWORK ID: BORON ; NETWORK TYPE:  
 GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3  
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Y-COORD			X-COORD (METERS)
(METERS)	441207.60	441257.60	441307.60
	441357.60	441407.60	

3874057.0	303.88313 (11122017)	309.91565 (11122017)	312.37522 (11122017)
312.58209 (11122017)	310.64350 (11122017)		
3874007.0	312.41558 (11122017)	316.07862 (11122017)	317.48615 (11122017)
316.73852 (11122017)	317.29678 (12122708)		
3873957.0	319.66538 (11122017)	322.20002 (11122017)	321.95490 (11122017)
321.53309 (12122708)	324.33094 (12122708)		
3873907.0	326.81508 (11122017)	328.16073 (11122017)	326.23043 (11122017)
329.56840 (12122708)	331.71924 (09111717)		
3873857.0	333.33090 (11122017)	333.65922 (11122017)	335.75646 (12122708)

337.44099	(09111717)	340.90616	(09111717)		
3873807.0	340.44549	(11122017)	340.77340	(12122708)	343.77682 (09111717)
347.28604	(09111717)	349.05030	(09111717)		
3873757.0	347.33193	(12122708)	349.42937	(09111717)	354.42757 (09111717)
356.71557	(09111717)	361.88324	(12011107)		
3873707.0	357.18530	(12122708)	361.79415	(09111717)	365.02626 (09111717)
369.82853	(12011107)	376.13834	(12011107)		
3873657.0	370.55173	(09111717)	373.15228	(09111717)	379.29918 (12011107)
385.79581	(12011107)	389.32026	(12011107)		
3873607.0	382.24538	(09111717)	388.79777	(12011107)	396.04851 (12011107)
400.33723	(12011107)	401.27085	(12011107)		
3873557.0	399.47813	(12011107)	406.91822	(12011107)	411.98832 (12011107)
412.59449	(12011107)	412.16468	(12011107)		
3873507.0	418.52873	(12011107)	423.14617	(12011107)	424.52992 (12011107)
424.74348	(12011107)	419.01087	(12011107)		
3873457.0	435.66789	(12011107)	437.88352	(12011107)	437.95911 (12011107)
435.16207	(12011107)	442.80802	(12111417)		
3873407.0	450.72939	(12011107)	451.94127	(12011107)	450.70389 (12111417)
460.62296	(12111417)	464.95405	(12111417)		
3873357.0	466.79922	(12011107)	468.22270	(12111417)	477.56275 (12111417)
483.57210	(12111417)	483.98150	(12111417)		
3873307.0	486.90837	(12111417)	494.13154	(12111417)	500.62585 (12111417)
502.37642	(12111417)	496.91873	(12111417)		
3873257.0	511.73594	(12111417)	517.22273	(12111417)	518.23058 (12111417)
513.57790	(12111417)	499.56289	(13010717)		
3873207.0	534.00664	(12111417)	538.67440	(12111417)	534.12377 (12111417)
529.50015	(13010717)	536.47406	(13010717)		
3873157.0	552.06661	(12111417)	554.68286	(12111417)	553.93849 (13010717)
561.42222	(13010717)	558.23292	(13010717)		
3873107.0	576.04667	(12111417)	582.88176	(13010717)	582.94570 (13010717)
582.50291	(13010717)	575.85968	(13103117)		
3873057.0	613.48385	(13010717)	617.30364	(13010717)	608.08866 (13010717)
613.22768	(13103117)	620.78813	(13103117)		
3873007.0	652.97231	(13010717)	646.85298	(13103117)	652.81467 (13103117)
655.13655	(13103117)	641.99129	(13103117)		
3872957.0	692.94887	(13103117)	695.63918	(13103117)	691.43751 (13103117)
666.21105	(13103117)	643.24197	(09110217)		
3872907.0	748.04800	(13103117)	726.56813	(13103117)	696.52105 (09110217)
674.79625	(09110217)	641.57143	(09110217)		
3872857.0	766.04391	(09110217)	742.17525	(09110217)	707.52366 (09110217)
656.81288	(09110217)	596.34474	(09110217)		
3872807.0	787.83863	(09110217)	731.04518	(09110217)	662.54209 (09110217)
586.99910	(09110217)	512.39545	(09110217)		
3872757.0	748.22222	(09110217)	659.95598	(09110217)	568.41223 (09110217)
480.25065	(09110217)	399.02458	(09030307)		
3872707.0	641.68408	(09110217)	535.92723	(09110217)	438.56984 (09030307)
401.99832	(09030307)	364.43403	(09030307)		
3872657.0	491.02529	(09110217)	438.16223	(09030307)	390.02185 (09030307)
387.46640	(09011407)	392.72248	(09011407)		
3872607.0	534.13459	(09011407)	530.08298	(09011407)	525.03150 (09011407)

516.56433 (09011407) 507.20133 (09011407)  
3872557.0 | 774.86625 (13121217) 757.92359 (13121217) 740.90127 (13121217)  
724.49979 (13121217) 708.22565 (13121217)

\*\*\* AERMOD - VERSION 19191 \*\*\* \*\*

\*\*\* 09/10/20

\*\*\* AERMET - VERSION 14134 \*\*\* \*\*

\*\*\* 07:21:22

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

VALUES FOR SOURCE GROUP: 1001C \*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
\*\*\*

INCLUDING SOURCE(S): 1001C ,

\*\*\* NETWORK ID: BORON ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD | X-COORD (METERS)  
(METERS) | 441457.60

-----  
-----  
3874057.0 | 313.75111 (12122708)  
3874007.0 | 318.73165 (12122708)  
3873957.0 | 326.54807 (09111717)  
3873907.0 | 335.04346 (09111717)  
3873857.0 | 342.02506 (09111717)  
3873807.0 | 354.32673 (12011107)  
3873757.0 | 367.99125 (12011107)  
3873707.0 | 380.51388 (12011107)  
3873657.0 | 389.41019 (12011107)  
3873607.0 | 398.47700 (12011107)  
3873557.0 | 405.49253 (12011107)  
3873507.0 | 427.86928 (12111417)  
3873457.0 | 447.59137 (12111417)  
3873407.0 | 465.58466 (12111417)  
3873357.0 | 477.38245 (12111417)  
3873307.0 | 481.30114 (12111417)  
3873257.0 | 508.50223 (13010717)  
3873207.0 | 535.14314 (13010717)  
3873157.0 | 543.72169 (13010717)  
3873107.0 | 588.46844 (13103117)  
3873057.0 | 614.18174 (13103117)  
3873007.0 | 618.39812 (13103117)  
3872957.0 | 619.25269 (09110217)  
3872907.0 | 595.08509 (09110217)

3872857.0 | 531.46937 (09110217)  
 3872807.0 | 435.30597 (09110217)  
 3872757.0 | 370.56191 (09030307)  
 3872707.0 | 327.38330 (09030307)  
 3872657.0 | 396.56124 (09011407)  
 3872607.0 | 496.55523 (09011407)  
 3872557.0 | 691.90750 (13121217)

\*\*\* AERMOD - VERSION 19191 \*\*\*  
 \*\*\* 09/10/20

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 \*\*\* 07:21:22

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1001C \*\*\*  
 INCLUDING SOURCE(S): 1001C ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)
Y-COORD (M)	CONC	(YYMMDDHH)		
440683.00	3872824.00	791.39240	(12111417)	440288.00
3872787.00	834.67717	(12110107)		
440157.30	3872789.00	880.10890	(09012607)	439914.60
3872794.00	946.72639	(11112117)		
442261.30	3871403.00	356.42150	(13021307)	442263.60
3871503.00	384.73341	(09010807)		
442265.80	3871603.00	382.48758	(11121207)	442268.00
3871703.00	292.40020	(11121207)		
442270.30	3871803.00	424.38456	(12022307)	442272.50
3871903.00	491.87811	(12022307)		
442274.70	3872003.00	395.64684	(10012908)	442276.90
3872103.00	524.61244	(12112617)		
442279.20	3872203.00	453.43949	(12112617)	442281.40
3872303.00	544.63479	(09012907)		
442283.60	3872403.00	467.60928	(09111617)	442284.20
3872428.00	498.90723	(09111617)		
442184.30	3872431.00	466.37340	(09111617)	442084.30
3872435.00	502.31381	(09111617)		
441984.40	3872438.00	541.31542	(09111617)	441884.40
3872441.00	585.04385	(09111617)		
441784.50	3872445.00	633.29387	(09111617)	441684.50

3872448.00	687.38554	(09111617)			
	441584.60	3872451.00	746.71058	(09111617)	441487.60
3872455.00	811.29466	(09111617)			
	441485.00	3872355.00	821.26897	(09012907)	441482.40
3872255.00	796.91148	(12112617)			
	441482.30	3872248.00	799.61588	(12112617)	441382.30
3872252.00	880.14205	(12112617)			
	441283.60	3872255.00	967.11511	(12112617)	441281.30
3872155.00	902.93621	(12022307)			
	441279.00	3872055.00	699.00917	(11121207)	441276.70
3871955.00	713.64314	(09010807)			
	441274.30	3871855.00	651.99280	(13111317)	441274.10
3871844.00	643.45646	(13111317)			
	441174.10	3871847.00	635.35908	(09120207)	441074.20
3871850.00	629.77768	(09120207)			
	440974.20	3871853.00	618.85185	(09120207)	440874.30
3871856.00	607.65609	(13020507)			
	440774.30	3871859.00	586.21773	(13022207)	440676.30
3871862.00	592.57937	(13022207)			
	440674.00	3871762.00	485.47956	(10021507)	440671.70
3871662.00	442.77303	(13120607)			
	440669.30	3871562.00	396.18015	(13120607)	440667.00
3871463.00	323.56189	(12112107)			
	440666.80	3871450.00	318.55026	(09103017)	440766.70
3871447.00	341.01980	(13120607)			
	440866.70	3871444.00	348.07070	(13120607)	440966.60
3871441.00	347.59251	(10021507)			
	441066.60	3871438.00	352.40422	(13022207)	441166.50
3871435.00	362.42075	(13022207)			
	441266.50	3871432.00	372.25365	(13022207)	441366.40
3871429.00	391.59549	(13020507)			
	441466.40	3871426.00	402.23766	(13020507)	441566.40
3871423.00	404.84871	(12110707)			
	441666.30	3871420.00	401.36836	(09120207)	441766.30
3871417.00	397.83848	(09120207)			
	441866.20	3871415.00	388.55887	(10031507)	441966.20
3871412.00	374.79699	(13111317)			
	442066.10	3871409.00	372.29947	(13111317)	442166.10
3871406.00	351.29803	(13021307)			
	440693.20	3872567.00	1674.18423	(09110217)	440695.70
3872667.00	1144.69605	(13103117)			
	440696.30	3872690.00	1074.92040	(13103117)	440596.30
3872692.00	1044.57406	(13010717)			
	440496.30	3872695.00	1005.55137	(12111417)	440495.40
3872695.00	1005.49596	(12111417)			
	440496.80	3872723.00	933.73452	(12111417)	440396.80
3872722.00	896.94199	(12011107)			
	440296.80	3872722.00	950.25654	(09012607)	440196.80
3872721.00	980.44924	(09012607)			
	440096.80	3872720.00	1064.54302	(11112117)	439996.80





3872278.00 2721.79807 (09113007)  
 439980.80 3872278.00 2516.10794 (09113007) 440080.80  
 3872277.00 2246.63150 (09113007)  
 440180.80 3872277.00 2043.55402 (09113007) 440280.80  
 3872277.00 1777.20149 (10102007)  
 440380.80 3872276.00 1895.39145 (09010807) 440480.80  
 3872276.00 2041.70413 (12022307)  
 440580.80 3872275.00 2211.77513 (12022307) 440680.80  
 3872275.00 2349.39012 (12022307)

▲ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*\*  
 \*\*\* 09/10/20  
 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*  
 \*\*\* 07:21:22

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE SUMMARY OF MAXIMUM PERIOD ( 43872  
 HRS) RESULTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

GROUP ID	NETWORK	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV,
ZHILL, ZFLAG)	OF TYPE GRID-ID		
1001A	1ST HIGHEST VALUE IS	8.62791 AT (	441733.00, 3871761.00, 768.00,
	768.00, 1.20) GC COURSE		
	2ND HIGHEST VALUE IS	8.35200 AT (	441733.00, 3872261.00, 763.20,
	763.20, 1.20) GC COURSE		
	3RD HIGHEST VALUE IS	8.03260 AT (	441233.00, 3871761.00, 767.80,
	767.80, 1.20) GC COURSE		
	4TH HIGHEST VALUE IS	7.38710 AT (	441274.10, 3871844.00, 766.01,
	766.01, 1.20) DC		
	5TH HIGHEST VALUE IS	7.18838 AT (	442233.00, 3872261.00, 767.80,
	767.80, 1.20) GC COURSE		
	6TH HIGHEST VALUE IS	7.07129 AT (	442233.00, 3871761.00, 771.00,
	771.00, 1.20) GC COURSE		
	7TH HIGHEST VALUE IS	7.00981 AT (	441274.30, 3871855.00, 766.00,
	766.00, 1.20) DC		
	8TH HIGHEST VALUE IS	6.95578 AT (	441482.30, 3872248.00, 762.00,
	762.00, 1.20) DC		
	9TH HIGHEST VALUE IS	6.71451 AT (	441482.40, 3872255.00, 762.00,
	762.00, 1.20) DC		
	10TH HIGHEST VALUE IS	6.61474 AT (	441174.10, 3871847.00, 766.00,

766.00,	1.20)	DC				
1001B	1ST HIGHEST VALUE IS		61.92103	AT ( 440407.60,	3872657.00,	755.90,
755.90,	1.20)	GC BORON				
	2ND HIGHEST VALUE IS		61.14970	AT ( 440457.60,	3872657.00,	756.00,
756.00,	1.20)	GC BORON				
	3RD HIGHEST VALUE IS		59.78098	AT ( 440507.60,	3872657.00,	756.00,
756.00,	1.20)	GC BORON				
	4TH HIGHEST VALUE IS		58.93909	AT ( 440307.60,	3872657.00,	755.00,
755.00,	1.20)	GC BORON				
	5TH HIGHEST VALUE IS		58.88662	AT ( 440357.60,	3872657.00,	755.00,
755.00,	1.20)	GC BORON				
	6TH HIGHEST VALUE IS		58.47488	AT ( 440257.60,	3872657.00,	754.90,
754.90,	1.20)	GC BORON				
	7TH HIGHEST VALUE IS		58.23494	AT ( 440557.60,	3872657.00,	756.00,
756.00,	1.20)	GC BORON				
	8TH HIGHEST VALUE IS		58.18911	AT ( 440207.60,	3872657.00,	754.90,
754.90,	1.20)	GC BORON				
	9TH HIGHEST VALUE IS		57.74460	AT ( 440157.60,	3872657.00,	754.90,
754.90,	1.20)	GC BORON				
	10TH HIGHEST VALUE IS		57.06334	AT ( 440107.60,	3872657.00,	754.90,
754.90,	1.20)	GC BORON				
1001C	1ST HIGHEST VALUE IS		32.21253	AT ( 440492.00,	3872523.00,	757.41,
757.41,	1.20)	DC				
	2ND HIGHEST VALUE IS		32.19646	AT ( 440392.00,	3872525.00,	757.00,
757.00,	1.20)	DC				
	3RD HIGHEST VALUE IS		31.85200	AT ( 440292.00,	3872526.00,	756.31,
756.31,	1.20)	DC				
	4TH HIGHEST VALUE IS		31.18449	AT ( 440192.10,	3872528.00,	756.25,
756.25,	1.20)	DC				
	5TH HIGHEST VALUE IS		30.96155	AT ( 440592.00,	3872522.00,	758.00,
758.00,	1.20)	DC				
	6TH HIGHEST VALUE IS		30.02433	AT ( 440092.10,	3872529.00,	756.00,
756.00,	1.20)	DC				
	7TH HIGHEST VALUE IS		26.50650	AT ( 439992.10,	3872531.00,	755.08,
755.08,	1.20)	DC				
	8TH HIGHEST VALUE IS		24.40738	AT ( 440688.30,	3872375.00,	760.00,
760.00,	1.20)	DC				
	9TH HIGHEST VALUE IS		23.96604	AT ( 440690.80,	3872475.00,	758.01,
758.01,	1.20)	DC				
	10TH HIGHEST VALUE IS		21.15981	AT ( 440257.60,	3872557.00,	756.00,
756.00,	1.20)	GC BORON				

\*\*\* RECEPTOR TYPES: GC = GRIDCART  
 GP = GRIDPOLR  
 DC = DISCCART  
 DP = DISCPOLR

\*\*\* AERMOD - VERSION 19191 \*\*\*

\*\*\* AERMET - VERSION 14134 \*\*\* 09/10/20  
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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE SUMMARY OF HIGHEST 1-HR RESULTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3  
\*\*

GROUP ID (XR, YR, ZELEV, ZHILL, ZFLAG)	AVERAGE CONC OF TYPE	NETWORK GRID-ID	DATE (YYMMDDHH)	RECEPTOR
1001A HIGH 1ST HIGH VALUE IS 3871463.00, 770.43, 770.43,	679.53352 1.20) DC		ON 09113007: AT ( 440667.00,	
1001B HIGH 1ST HIGH VALUE IS 3872657.00, 753.90, 753.90,	4195.78890 1.20) GC BORON		ON 13121007: AT ( 439957.60,	
1001C HIGH 1ST HIGH VALUE IS 3872278.00, 758.58, 758.58,	2721.79807 1.20) DC		ON 09113007: AT ( 439880.80,	

\*\*\* RECEPTOR TYPES: GC = GRIDCART  
GP = GRIDPOLR  
DC = DISCCART  
DP = DISCPOLR

\*\*\* AERMOD - VERSION 19191 \*\*\* 09/10/20  
\*\*\* 07:21:22  
\*\*\* AERMET - VERSION 14134 \*\*\*  
\*\*\* 07:21:22

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* Message Summary : AERMOD Model Execution \*\*\*

----- Summary of Total Messages -----

A Total of 0 Fatal Error Message(s)  
A Total of 2 Warning Message(s)  
A Total of 16969 Informational Message(s)

A Total of 43872 Hours Were Processed

A Total of 10164 Calm Hours Identified

A Total of 6805 Missing Hours Identified ( 15.51 Percent)

CAUTION!: Number of Missing Hours Exceeds 10 Percent of Total!  
Data May Not Be Acceptable for Regulatory Applications.  
See Section 5.3.2 of "Meteorological Monitoring Guidance  
for Regulatory Modeling Applications" (EPA-454/R-99-005).

\*\*\*\*\* FATAL ERROR MESSAGES \*\*\*\*\*  
\*\*\* NONE \*\*\*

\*\*\*\*\* WARNING MESSAGES \*\*\*\*\*  
CO W200 5 TITLES: Missing Parameter(s). No Options Specified For  
TITLEONE  
CO W200 6 TITLES: Missing Parameter(s). No Options Specified For  
TITLETWO

\*\*\*\*\*  
\*\*\* AERMOD Finishes Successfully \*\*\*  
\*\*\*\*\*

## *AERMOD Output*

---

Project Site 2

\*\*AERMOD INPUT FILE CREATED BY HARP VERSION 19044

\*\*DATE CREATED: 4/28/2019 8:38:04 PM

\*\*

CO STARTING

TITLEONE

TITLETWO

MODELOPT DFAULT CONC

AVERTIME 1 PERIOD

POLLUTID OTHER

RUNORNOT RUN

FLAGPOLE 1.2

ERRORFIL "C:\Users\elinard\Desktop\8MINUTE\_CUP2\8MINUTE\_CUP2\_AERMOD.ERR"

CO FINISHED

\*\*

\*\*SOURCES

SO STARTING

\*\*SOURCES LOCATIONS

LOCATION 1002 AREAPOLY 437457 3871498 750

\*\*SOURCES PARAMETERS

SRCPARAM 1002 2.49555884109741E-07 3.1 5 0

AREAVERT 1002 437457 3871498 439878 3871465 439904 3873112 437449 3873138 437457

3871498

\*\*M-F

EMISFACT 1002 HRDOW 0 0 0 0 0 0

EMISFACT 1002 HRDOW 6.545455 6.545455 6.545455 6.545455 6.545455 6.545455

EMISFACT 1002 HRDOW 6.545455 6.545455 6.545455 6.545455 6.545455 0

EMISFACT 1002 HRDOW 0 0 0 0 0 0

\*\*Saturday

EMISFACT 1002 HRDOW 0 0 0 0 0 0

EMISFACT 1002 HRDOW 0 0 0 0 0 0

EMISFACT 1002 HRDOW 0 0 0 0 0 0

EMISFACT 1002 HRDOW 0 0 0 0 0 0

\*\*Sunday

EMISFACT 1002 HRDOW 0 0 0 0 0 0

EMISFACT 1002 HRDOW 0 0 0 0 0 0

EMISFACT 1002 HRDOW 0 0 0 0 0 0

EMISFACT 1002 HRDOW 0 0 0 0 0 0

SRCGROUP 1002 1002

SO FINISHED

\*\*

\*\*RECEPTORS

RE STARTING

INCLUDED "C:\Users\elinard\Desktop\8MINUTE\_CUP2\8MINUTE\_CUP2\_AERMAP.REC"

RE FINISHED

\*\*

\*\*MET PATHWAY

ME STARTING

ME SURFFILE "C:\Users\elinard\Desktop\8MINUTE\_CUP2\MET\723171.SFC"

ME PROFFILE "C:\Users\elinard\Desktop\8MINUTE\_CUP2\MET\723171.PFL"

ME SURFDATA 53144 2009

ME UAIRDATA 3190 2009  
ME SITEDATA 0 2009  
ME PROFBASE 694.3  
ME FINISHED  
\*\*  
\*\*OUTPUT PATHWAY  
OU STARTING  
RECTABLE ALLAVE 1ST  
RECTABLE 1 1ST  
PLOTFILE 1 1002 1ST "C:\Users\elinard\Desktop\8MINUTE\_CUP2\plt\MAX1HR1002.PLT" 31  
PLOTFILE PERIOD 1002 "C:\Users\elinard\Desktop\8MINUTE\_CUP2\plt\PERIOD1002.PLT"  
32  
OU FINISHED

\*\*\* Message Summary For AERMOD Model Setup \*\*\*

----- Summary of Total Messages -----

A Total of 0 Fatal Error Message(s)  
A Total of 2 Warning Message(s)  
A Total of 0 Informational Message(s)

\*\*\*\*\* FATAL ERROR MESSAGES \*\*\*\*\*  
\*\*\* NONE \*\*\*

\*\*\*\*\* WARNING MESSAGES \*\*\*\*\*  
CO W200 5 TITLES: Missing Parameter(s). No Options Specified For  
TITLEONE  
CO W200 6 TITLES: Missing Parameter(s). No Options Specified For  
TITLETWO

\*\*\*\*\*  
\*\*\* SETUP Finishes Successfully \*\*\*  
\*\*\*\*\*

\*\*\* AERMOD - VERSION 19191 \*\*\* \*\*  
\*\*\* 09/09/20  
\*\*\* AERMET - VERSION 14134 \*\*\* \*\*  
\*\*\* 21:13:29

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* MODEL SETUP OPTIONS SUMMARY

\*\*\*

-----  
-----

\*\*Model Is Setup For Calculation of Average CONCentration Values.

-- DEPOSITION LOGIC --

\*\*NO GAS DEPOSITION Data Provided.

\*\*NO PARTICLE DEPOSITION Data Provided.

\*\*Model Uses NO DRY DEPLETION. DRYDPLT = F

\*\*Model Uses NO WET DEPLETION. WETDPLT = F

\*\*Model Uses RURAL Dispersion Only.

\*\*Model Uses Regulatory DEFAULT Options:

1. Stack-tip Downwash.
2. Model Accounts for ELEVated Terrain Effects.
3. Use Calms Processing Routine.
4. Use Missing Data Processing Routine.
5. No Exponential Decay.

\*\*Other Options Specified:

CCVR\_Sub - Meteorological data includes CCVR substitutions

TEMP\_Sub - Meteorological data includes TEMP substitutions

\*\*Model Accepts FLAGPOLE Receptor Heights.

\*\*The User Specified a Pollutant Type of: OTHER

\*\*Model Calculates 1 Short Term Average(s) of: 1-HR  
and Calculates PERIOD Averages

\*\*This Run Includes: 1 Source(s); 1 Source Group(s); and 2451  
Receptor(s)

with: 0 POINT(s), including  
0 POINTCAP(s) and 0 POINTHOR(s)  
and: 0 VOLUME source(s)  
and: 1 AREA type source(s)  
and: 0 LINE source(s)  
and: 0 RLINE/RLINEXT source(s)  
and: 0 OPENPIT source(s)  
and: 0 BUOYANT LINE source(s) with 0 line(s)

\*\*Model Set To Continue RUNning After the Setup Testing.

\*\*The AERMET Input Meteorological Data Version Date: 14134

\*\*Output Options Selected:

Model Outputs Tables of PERIOD Averages by Receptor

Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE  
Keyword)



Model Outputs External File(s) of High Values for Plotting (PLOTFILE  
Keyword)

\*\*NOTE: The Following Flags May Appear Following CONC Values: c for Calm Hours  
m for Missing Hours  
b for Both Calm and

Missing Hours

\*\*Misc. Inputs: Base Elev. for Pot. Temp. Profile (m MSL) = 694.30 ; Decay  
Coef. = 0.000 ; Rot. Angle = 0.0  
Emission Units = GRAMS/SEC ;  
Emission Rate Unit Factor = 0.10000E+07  
Output Units = MICROGRAMS/M\*\*3

\*\*Approximate Storage Requirements of Model = 3.8 MB of RAM.

\*\*Input Runstream File: aermod.inp

\*\*Output Print File: aermod.out

\*\*Detailed Error/Message File:  
C:\Users\elinard\Desktop\8MINUTE\_CUP2\8MINUTE\_CUP2\_AERMOD.ERR

↑ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*  
\*\*\* 09/09/20  
\*\*\* AERMET - VERSION 14134 \*\*\* \*\*  
\*\*\* 21:13:29

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\*\*\* AREAPOLY SOURCE DATA \*\*\*

INIT.	URBAN	NUMBER	EMISSION	LOCATION	OF	AREA	BASE	RELEASE	NUMBER
SOURCE	SOURCE	EMISSION	RATE	X	Y	ELEV.	HEIGHT	OF	VERTS.
SZ	ID	PART.	(GRAMS/SEC	(METERS)	(METERS)	(METERS)	(METERS)		
(METERS)		SCALAR	VARY						
		CATS.	/METER**2)						
		BY							

1002 0 0.24956E-06 437457.0 3871498.0 750.0 3.10 5  
0.00 NO HRDOW

↑ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*  
\*\*\* 09/09/20  
\*\*\* AERMET - VERSION 14134 \*\*\* \*\*  
\*\*\* 21:13:29

\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\*\*\* SOURCE IDs DEFINING SOURCE GROUPS \*\*\*

SRCGROUP ID  
-----

SOURCE IDs  
-----

1002 1002 ,  
 \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*  
 \*\*\* 09/09/20  
 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*  
 \*\*\* 21:13:29

\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) \*

SOURCE ID = 1002 ; SOURCE TYPE = AREAPOLY :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.6545E+01	8	.6545E+01	9	.6545E+01	10	.6545E+01
11	.6545E+01	12	.6545E+01	13	.6545E+01	14	.6545E+01	15	.6545E+01
16	.6545E+01	17	.6545E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00
21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00		

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.6545E+01	8	.6545E+01	9	.6545E+01	10	.6545E+01
11	.6545E+01	12	.6545E+01	13	.6545E+01	14	.6545E+01	15	.6545E+01
16	.6545E+01	17	.6545E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00
21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00		

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.0000E+00	8	.0000E+00	9	.0000E+00	10	.0000E+00
11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00
21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00		

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.0000E+00	8	.0000E+00	9	.0000E+00	10	.0000E+00
11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00
21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00		

\*\*\* AERMOD - VERSION 19191 \*\*\* \*\*

\*\*\* 09/09/20  
\*\*\* AERMET - VERSION 14134 \*\*\*  
\*\*\* 21:13:29

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* GRIDDED RECEPTOR NETWORK SUMMARY \*\*\*

\*\*\* NETWORK ID: COURSE ; NETWORK TYPE: GRIDCART

\*\*\*

\*\*\* X-COORDINATES OF GRID \*\*\*  
(METERS)

430733.0, 431233.0, 431733.0, 432233.0, 432733.0, 433233.0, 433733.0,  
434233.0, 434733.0, 435233.0,  
435733.0, 436233.0, 436733.0, 437233.0, 437733.0, 438233.0, 438733.0,  
439233.0, 439733.0, 440233.0,  
440733.0, 441233.0, 441733.0, 442233.0, 442733.0, 443233.0, 443733.0,  
444233.0, 444733.0, 445233.0,  
445733.0,

\*\*\* Y-COORDINATES OF GRID \*\*\*  
(METERS)

3864761.0, 3865261.0, 3865761.0, 3866261.0, 3866761.0, 3867261.0, 3867761.0,  
3868261.0, 3868761.0, 3869261.0,  
3869761.0, 3870261.0, 3870761.0, 3871261.0, 3871761.0, 3872261.0, 3872761.0,  
3873261.0, 3873761.0, 3874261.0,  
3874761.0, 3875261.0, 3875761.0, 3876261.0, 3876761.0, 3877261.0, 3877761.0,  
3878261.0, 3878761.0, 3879261.0,  
3879761.0,

\*\*\* AERMOD - VERSION 19191 \*\*\*  
\*\*\* 09/09/20

\*\*\* AERMET - VERSION 14134 \*\*\*  
\*\*\* 21:13:29

PAGE 6  
\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* NETWORK ID: COURSE ; NETWORK TYPE: GRIDCART

\*\*\*

\* ELEVATION HEIGHTS IN METERS \*

Y-COORD (METERS)		X-COORD (METERS)
	430733.00	431233.00
433233.00	433733.00	434233.00
	431733.00	432733.00
	434733.00	

-----

3879761.00		744.00	779.70	750.30	737.30	737.90
739.30	743.20	743.10	749.90			
3879261.00		730.50	744.90	743.90	734.60	734.90
737.10	746.00	738.90	741.00			
3878761.00		725.80	729.60	732.10	732.60	732.60
734.30	734.30	737.60	737.60			
3878261.00		725.30	728.10	730.00	729.30	730.00
731.30	734.00	735.70	736.40			
3877761.00		723.00	725.50	726.30	726.50	727.60
729.00	732.50	733.40	733.30			
3877261.00		720.50	722.10	723.60	724.20	725.40
727.40	729.20	731.50	732.30			
3876761.00		718.40	720.00	721.10	722.00	723.90
725.10	727.20	728.40	728.50			
3876261.00		717.20	718.40	719.30	720.50	722.10
724.20	725.60	726.40	727.00			
3875761.00		714.90	716.10	717.30	719.30	720.50
722.30	724.40	723.90	725.40			
3875261.00		712.60	713.80	716.30	717.30	718.70
719.80	721.70	721.80	723.00			
3874761.00		711.10	712.90	714.50	716.30	716.60
717.70	718.70	719.40	721.80			
3874261.00		710.20	711.10	713.20	713.50	715.70
715.70	717.50	719.30	721.20			
3873761.00		709.90	710.40	711.40	712.30	713.20
714.40	716.00	718.40	720.80			
3873261.00		707.20	709.60	709.00	709.00	711.20
713.00	715.00	718.00	721.00			
3872761.00		706.40	707.60	709.00	709.00	711.00
713.00	715.00	718.00	722.00			
3872261.00		705.00	706.20	707.00	709.00	710.90
712.80	715.00	719.00	723.00			
3871761.00		704.10	705.60	707.00	707.00	710.30
713.00	715.00	719.00	724.00			
3871261.00		701.60	704.10	707.00	707.00	710.00
713.00	715.20	720.00	724.00			
3870761.00		700.70	701.50	707.00	707.00	709.00
712.00	715.00	719.10	723.80			
3870261.00		698.00	700.80	702.60	707.40	707.00
713.00	714.40	718.00	722.00			
3869761.00		696.00	699.10	707.00	707.00	707.00
713.00	714.00	716.00	721.00			
3869261.00		696.20	701.00	705.00	714.40	707.00
709.70	712.90	714.00	723.80			
3868761.00		704.40	704.10	707.60	708.00	709.00
710.00	713.00	720.90	730.60			
3868261.00		709.20	710.40	711.50	711.50	711.00
713.00	719.00	729.60	741.30			

3867761.00	719.10	717.90	716.00	715.00	715.00
717.80	726.40	736.30	750.90		
3867261.00	728.10	725.90	722.80	719.00	718.10
724.00	733.40	747.90	762.60		
3866761.00	748.20	740.30	739.90	727.60	724.00
732.40	744.40	762.60	781.70		
3866261.00	765.50	749.40	737.20	729.00	732.00
741.90	758.60	774.50	801.90		
3865761.00	762.60	743.50	734.00	730.30	737.00
751.40	769.30	794.00	832.00		
3865261.00	741.80	731.00	727.80	736.90	744.60
761.30	781.90	808.20	875.20		
3864761.00	724.10	725.10	732.00	744.10	754.30
767.80	789.90	818.20	856.60		

▲ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*

\*\*\* 09/09/20

\*\*\* AERMET - VERSION 14134 \*\*\* \*\*

\*\*\* 21:13:29

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\*\*\* NETWORK ID: COURSE ; NETWORK TYPE: GRIDCART

\*\*\*

\* ELEVATION HEIGHTS IN METERS \*

Y-COORD (METERS)	X-COORD (METERS)				
	435233.00	435733.00	436233.00	436733.00	437233.00
437733.00	438233.00	438733.00	439233.00		

3879761.00	743.40	746.10	755.60	757.60	755.90
759.70	765.40	771.40	775.90		
3879261.00	740.90	743.80	778.00	789.80	792.10
762.50	771.20	768.70	774.40		
3878761.00	740.70	761.90	778.00	774.00	778.10
768.80	761.40	767.50	774.20		
3878261.00	753.10	748.40	771.60	749.70	727.00
731.70	756.20	761.40	766.60		
3877761.00	733.30	735.90	740.40	680.00	616.00
666.00	752.90	755.90	762.00		
3877261.00	732.40	733.50	736.20	738.80	737.60
749.00	749.60	753.70	757.30		
3876761.00	728.60	730.90	734.30	737.10	746.60
750.90	746.40	749.80	756.10		
3876261.00	727.90	728.90	731.20	734.00	741.20
740.90	742.70	749.20	764.20		
3875761.00	725.40	726.80	728.60	732.60	736.30

737.60	747.70	754.60	772.00			
3875261.00		724.50	725.70	728.70	731.50	734.50
736.60		744.20	757.50	769.90		
3874761.00		723.90	725.50	728.50	730.70	732.70
734.60		742.30	753.50	773.70		
3874261.00		724.00	727.40	728.20	731.40	732.90
734.30		736.70	743.80	760.00		
3873761.00		724.30	727.90	730.80	734.40	735.80
737.70		737.60	737.90	740.60		
3873261.00		725.00	729.00	733.00	737.40	739.40
740.10		741.50	741.50	743.30		
3872761.00		727.00	732.00	736.00	739.70	744.00
746.00		747.50	747.00	748.00		
3872261.00		728.00	733.00	737.20	741.40	746.00
750.00		752.00	753.00	755.10		
3871761.00		728.40	733.10	738.00	742.40	747.10
752.00		756.80	761.80	766.60		
3871261.00		729.00	734.00	737.40	743.00	749.50
756.00		761.70	762.40	769.90		
3870761.00		728.40	734.00	740.10	747.50	762.00
765.10		773.10	773.10	770.80		
3870261.00		728.00	735.00	742.00	750.00	758.10
767.00		774.00	780.00	779.80		
3869761.00		728.40	738.10	746.90	758.20	766.50
782.90		789.00	785.50	786.00		
3869261.00		734.00	745.10	757.10	770.10	783.10
812.20		821.50	795.10	795.10		
3868761.00		742.80	755.90	767.60	783.30	799.90
815.40		829.60	812.50	806.80		
3868261.00		754.90	769.60	782.50	801.10	827.20
888.40		913.70	835.40	818.60		
3867761.00		765.40	785.30	803.70	826.60	873.80
982.60		919.80	846.80	829.00		
3867261.00		779.90	798.50	823.40	857.60	968.80
991.30		934.10	854.70	843.00		
3866761.00		804.60	831.30	871.60	926.00	990.00
925.00		890.10	867.90	858.50		
3866261.00		827.60	866.90	960.40	938.00	933.50
931.30		901.80	887.20	879.00		
3865761.00		901.90	951.10	939.10	930.10	919.30
930.90		922.70	924.30	904.40		
3865261.00		916.70	931.40	917.90	910.80	904.50
907.50		909.80	918.10	930.40		
3864761.00		901.00	903.00	898.00	910.30	893.80
893.80		902.00	917.70	925.70		
*** AERMOD - VERSION		19191	***	***		
		***		09/09/20		
*** AERMET - VERSION		14134	***	***		
		***		21:13:29		

\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\*\*\* NETWORK ID: COURSE ; NETWORK TYPE: GRIDCART

\*\*\*

\* ELEVATION HEIGHTS IN METERS \*

Y-COORD (METERS)					X-COORD (METERS)	
	439733.00	440233.00	440733.00	441233.00	441733.00	
442233.00	442733.00	443233.00	443733.00			

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3879761.00	782.20	788.80	795.40	802.10	807.40
825.10	855.30	882.50	831.70		
3879261.00	780.20	786.50	791.90	797.90	802.40
817.70	840.80	829.40	822.70		
3878761.00	776.00	780.80	785.60	789.90	795.40
804.40	825.40	835.30	814.00		
3878261.00	770.80	773.80	779.30	785.40	790.30
795.20	804.40	820.00	810.70		
3877761.00	766.00	773.40	782.90	781.00	781.40
787.60	794.30	802.10	804.30		
3877261.00	762.80	765.40	774.30	775.60	775.20
778.70	783.50	789.40	794.50		
3876761.00	763.40	774.20	769.30	768.10	770.50
773.50	776.40	780.90	785.90		
3876261.00	768.50	763.90	764.20	771.70	783.70
774.90	771.50	776.10	778.60		
3875761.00	760.90	755.50	762.00	793.80	794.60
775.50	766.60	770.00	770.00		
3875261.00	773.70	753.10	754.80	762.60	767.40
764.10	762.30	763.20	763.80		
3874761.00	781.80	749.80	748.90	752.50	756.00
757.80	759.20	757.80	760.20		
3874261.00	750.60	744.90	749.20	749.40	752.00
753.60	754.50	755.50	757.30		
3873761.00	743.30	745.00	746.50	748.60	750.50
753.10	755.30	754.80	755.40		
3873261.00	745.50	747.90	750.20	752.10	753.10
755.30	758.00	759.70	759.50		
3872761.00	751.70	753.50	755.00	756.50	759.10
761.90	763.00	764.00	766.00		
3872261.00	758.10	760.00	761.10	761.00	763.20
767.80	768.00	769.10	771.10		
3871761.00	768.00	767.00	767.90	767.80	768.00
771.00	774.00	775.70	777.00		
3871261.00	771.50	772.00	772.90	774.00	774.00
776.00	780.00	783.00	783.40		

3870761.00	776.10	779.90	780.00	780.50	786.10
783.10	786.10	791.90	792.00		
3870261.00	774.00	786.10	786.00	788.30	795.10
806.40	803.40	798.80	798.80		
3869761.00	784.50	783.10	794.80	802.20	806.50
810.00	823.00	810.00	811.30		
3869261.00	794.00	790.10	798.70	815.50	824.40
826.10	824.10	818.00	822.80		
3868761.00	802.50	796.80	796.80	817.30	847.10
844.60	838.00	827.90	829.80		
3868261.00	811.30	803.50	800.50	804.00	818.60
835.80	844.60	834.10	827.20		
3867761.00	823.60	813.90	809.00	809.00	810.00
814.70	825.30	840.90	829.00		
3867261.00	834.80	824.70	818.80	816.80	816.80
816.80	818.00	823.40	836.00		
3866761.00	851.80	842.40	835.50	830.50	826.50
825.50	824.00	827.10	833.80		
3866261.00	880.30	868.20	855.50	846.10	838.00
834.00	832.60	833.20	834.00		
3865761.00	912.00	895.70	877.90	863.20	853.70
846.00	840.90	842.00	841.00		
3865261.00	938.70	926.30	897.20	879.00	865.90
855.60	851.50	848.00	846.90		
3864761.00	939.40	942.10	909.90	891.60	876.00
865.20	859.10	853.90	852.10		

\*\*\* AERMOD - VERSION 19191 \*\*\*  
 \*\*\* 09/09/20

\*\*\* AERMET - VERSION 14134 \*\*\*  
 \*\*\* 21:13:29

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\*\*\* NETWORK ID: COURSE ; NETWORK TYPE: GRIDCART

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\* ELEVATION HEIGHTS IN METERS \*

Y-COORD (METERS)	444233.00	444733.00	445233.00	X-COORD (METERS) 445733.00
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3879761.00	841.70	833.10	828.40	820.70
3879261.00	829.20	823.90	818.10	814.30
3878761.00	818.80	816.90	813.90	807.50
3878261.00	814.00	808.00	805.10	801.00
3877761.00	805.20	798.30	798.20	796.70
3877261.00	795.90	789.40	790.70	791.70



3876761.00	785.80	783.30	786.30	786.10
3876261.00	778.60	777.10	786.30	782.20
3875761.00	770.80	777.70	780.40	777.20
3875261.00	767.30	767.80	771.20	772.70
3874761.00	762.50	761.80	762.30	765.10
3874261.00	758.30	758.30	759.50	761.40
3873761.00	756.90	757.10	756.40	757.40
3873261.00	760.70	761.70	759.20	757.40
3872761.00	767.00	767.50	765.60	762.00
3872261.00	774.00	774.00	770.00	767.00
3871761.00	780.80	778.00	774.00	771.90
3871261.00	786.80	783.90	780.00	777.50
3870761.00	792.00	792.00	787.30	787.10
3870261.00	798.00	798.10	801.80	799.80
3869761.00	805.00	814.60	830.60	814.20
3869261.00	816.80	818.00	828.20	823.00
3868761.00	817.10	822.70	835.40	827.90
3868261.00	823.00	831.20	839.40	847.90
3867761.00	828.00	835.10	849.70	860.90
3867261.00	836.00	838.10	846.80	853.40
3866761.00	840.00	846.50	851.60	854.90
3866261.00	840.00	851.10	865.10	867.10
3865761.00	843.00	852.80	864.80	885.80
3865261.00	846.70	855.10	865.90	879.40
3864761.00	852.00	859.20	874.90	893.00

▲ \*\*\* AERMOD - VERSION 19191 \*\*\*  
                                   \*\*\*          09/09/20  
 \*\*\* AERMET - VERSION 14134 \*\*\*  
                                   \*\*\*          21:13:29

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\*\*\* MODELOPTs:   RegDFAULT   CONC   ELEV   FLGPOL   RURAL

\*\*\* NETWORK ID: COURSE   ;   NETWORK TYPE: GRIDCART

\*\*\*

\* HILL HEIGHT SCALES IN METERS \*

Y-COORD (METERS)	X-COORD (METERS)				
	430733.00	431233.00	431733.00	432233.00	432733.00
433233.00	433733.00	434233.00	434733.00		

3879761.00	744.00	798.90	798.90	737.30	737.90
739.30	743.20	743.10	779.40		
3879261.00	730.50	798.90	762.30	734.60	734.90
737.10	753.50	738.90	741.00		
3878761.00	750.40	729.60	732.10	732.60	732.60
753.20	734.30	737.60	737.60		

3878261.00		725.30	728.10	730.00	729.30	730.00
731.30		734.00	735.70	736.40		
3877761.00		723.00	725.50	726.30	726.50	727.60
729.00		732.50	733.40	733.30		
3877261.00		720.50	722.10	723.60	724.20	725.40
727.40		729.20	731.50	732.30		
3876761.00		718.40	720.00	721.10	722.00	723.90
725.10		727.20	728.40	728.50		
3876261.00		717.20	718.40	719.30	720.50	722.10
724.20		725.60	726.40	727.00		
3875761.00		714.90	716.10	717.30	719.30	720.50
722.30		724.40	723.90	725.40		
3875261.00		712.60	713.80	716.30	717.30	718.70
719.80		721.70	721.80	723.00		
3874761.00		711.10	712.90	714.50	716.30	716.60
717.70		718.70	719.40	721.80		
3874261.00		710.20	711.10	713.20	713.50	715.70
715.70		717.50	719.30	721.20		
3873761.00		709.90	710.40	711.40	712.30	713.20
714.40		716.00	718.40	720.80		
3873261.00		707.20	709.60	709.00	709.00	711.20
713.00		715.00	718.00	721.00		
3872761.00		706.40	707.60	709.00	709.00	711.00
713.00		715.00	718.00	722.00		
3872261.00		705.00	706.20	707.00	709.00	710.90
712.80		715.00	719.00	723.00		
3871761.00		704.10	705.60	707.00	707.00	710.30
713.00		715.00	719.00	724.00		
3871261.00		701.60	704.10	707.00	707.00	710.00
713.00		715.20	720.00	724.00		
3870761.00		700.70	701.50	707.00	707.00	709.00
712.00		715.00	719.10	723.80		
3870261.00		698.00	700.80	702.60	707.40	707.00
713.00		714.40	718.00	722.00		
3869761.00		696.00	699.10	707.00	707.00	707.00
713.00		714.00	716.00	721.00		
3869261.00		696.20	701.00	705.00	714.40	707.00
709.70		712.90	714.00	723.80		
3868761.00		704.40	704.10	707.60	708.00	709.00
710.00		713.00	720.90	730.60		
3868261.00		709.20	710.40	711.50	711.50	711.00
713.00		719.00	729.60	741.30		
3867761.00		719.10	717.90	716.00	715.00	715.00
717.80		726.40	736.30	965.00		
3867261.00		728.10	725.90	722.80	719.00	718.10
724.00		733.40	961.00	970.00		
3866761.00		748.20	740.30	750.00	727.60	724.00
732.40		941.00	961.00	971.00		
3866261.00		765.50	749.40	737.20	729.00	732.00
741.90		961.00	961.00	971.00		

3865761.00		766.00	743.50	734.00	730.30	737.00
751.40		941.00	961.00	961.00		
3865261.00		774.80	731.00	727.80	736.90	744.60
761.30		933.00	961.00	933.00		
3864761.00		724.10	725.10	732.00	744.10	754.30
767.80		789.90	922.00	922.00		

▲ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*\*  
                               \*\*\*          09/09/20  
 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*  
                               \*\*\*          21:13:29

PAGE 11

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* NETWORK ID: COURSE ; NETWORK TYPE: GRIDCART

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\* HILL HEIGHT SCALES IN METERS \*

Y-COORD		X-COORD (METERS)				
(METERS)		435233.00	435733.00	436233.00	436733.00	437233.00
437733.00		438233.00	438733.00	439233.00		

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3879761.00		743.40	746.10	772.10	789.40	783.30
759.70		765.40	771.40	775.90		
3879261.00		740.90	767.50	778.00	789.80	792.10
783.00		779.70	768.70	774.40		
3878761.00		765.00	761.90	795.20	795.50	780.30
777.20		761.40	767.50	774.20		
3878261.00		753.10	764.70	771.60	749.70	788.20
774.20		756.20	761.40	789.40		
3877761.00		733.30	735.90	740.40	795.50	797.70
780.30		752.90	755.90	762.00		
3877261.00		732.40	733.50	736.20	738.80	737.60
749.00		749.60	753.70	757.30		
3876761.00		728.60	730.90	734.30	737.10	746.60
750.90		746.40	749.80	756.10		
3876261.00		727.90	728.90	731.20	734.00	741.20
740.90		742.70	749.20	801.00		
3875761.00		725.40	726.80	728.60	732.60	736.30
737.60		747.70	754.60	790.00		
3875261.00		724.50	725.70	728.70	731.50	734.50
736.60		744.20	757.50	769.90		
3874761.00		723.90	725.50	728.50	730.70	732.70
734.60		742.30	753.50	789.10		
3874261.00		724.00	727.40	728.20	731.40	732.90
734.30		736.70	743.80	762.00		
3873761.00		724.30	727.90	730.80	734.40	735.80

737.70	737.60	737.90	740.60			
3873261.00		725.00	729.00	733.00	737.40	739.40
740.10		741.50	741.50	743.30		
3872761.00		727.00	732.00	736.00	739.70	744.00
746.00		747.50	747.00	748.00		
3872261.00		728.00	733.00	737.20	741.40	746.00
750.00		752.00	753.00	755.10		
3871761.00		728.40	733.10	738.00	742.40	747.10
752.00		756.80	761.80	766.60		
3871261.00		729.00	734.00	737.40	743.00	749.50
756.00		761.70	762.40	769.90		
3870761.00		728.40	734.00	740.10	747.50	762.00
765.10		773.10	773.10	770.80		
3870261.00		728.00	735.00	742.00	750.00	899.00
899.00		899.00	899.00	779.80		
3869761.00		728.40	738.10	1015.00	1034.00	1034.00
1034.00		1023.00	970.00	786.00		
3869261.00		734.00	1026.00	1034.00	1034.00	1034.00
1034.00		1034.00	1034.00	1034.00		
3868761.00		1026.00	1034.00	1034.00	1034.00	1034.00
1034.00		1034.00	1034.00	1034.00		
3868261.00		1026.00	1034.00	1034.00	1034.00	1034.00
1034.00		1034.00	1034.00	1034.00		
3867761.00		1026.00	1034.00	1034.00	1034.00	1034.00
1034.00		1034.00	1034.00	1034.00		
3867261.00		1026.00	1034.00	1034.00	1034.00	1026.00
1034.00		1034.00	1034.00	1034.00		
3866761.00		971.00	1026.00	1026.00	1026.00	1001.00
1034.00		1034.00	1034.00	1034.00		
3866261.00		971.00	971.00	960.40	972.00	1001.00
996.00		1034.00	1034.00	879.00		
3865761.00		961.00	961.00	971.00	957.00	926.00
964.00		964.00	945.00	904.40		
3865261.00		916.70	941.00	917.90	946.00	904.50
907.50		909.80	918.10	930.40		
3864761.00		909.00	903.00	898.00	910.30	893.80
893.80		902.00	917.70	925.70		

^ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*  
                                       \*\*\*          09/09/20  
 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*  
                                       \*\*\*          21:13:29

PAGE 12

\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\*\*\* NETWORK ID: COURSE ; NETWORK TYPE: GRIDCART

\*\*\*

\* HILL HEIGHT SCALES IN METERS \*

Y-COORD (METERS)					X-COORD (METERS)	
	439733.00	440233.00	440733.00	441233.00	441733.00	
442233.00	442733.00	443233.00	443733.00			

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3879761.00		782.20	788.80	795.40	802.10	807.40
939.10	939.10	939.10	939.10	939.10		
3879261.00		780.20	786.50	791.90	797.90	802.40
939.10	939.10	939.10	939.10	939.10		
3878761.00		776.00	780.80	785.60	789.90	795.40
935.70	935.70	935.70	935.70	935.70		
3878261.00		770.80	773.80	779.30	785.40	790.30
795.20	804.40	820.00	810.70			
3877761.00		766.00	773.40	782.90	781.00	781.40
787.60	794.30	802.10	804.30			
3877261.00		762.80	765.40	774.30	775.60	775.20
778.70	783.50	789.40	794.50			
3876761.00		763.40	774.20	769.30	768.10	770.50
773.50	776.40	780.90	785.90			
3876261.00		801.00	763.90	764.20	771.70	783.70
812.90	771.50	776.10	778.60			
3875761.00		760.90	755.50	762.00	796.70	810.80
812.90	766.60	770.00	770.00			
3875261.00		777.80	753.10	754.80	762.60	767.40
764.10	762.30	763.20	763.80			
3874761.00		806.50	806.50	748.90	752.50	756.00
757.80	759.20	757.80	760.20			
3874261.00		750.60	744.90	755.00	749.40	752.00
753.60	754.50	755.50	757.30			
3873761.00		743.30	745.00	746.50	748.60	750.50
753.10	755.30	754.80	755.40			
3873261.00		745.50	747.90	750.20	752.10	753.10
755.30	758.00	759.70	759.50			
3872761.00		751.70	753.50	755.00	756.50	759.10
761.90	763.00	764.00	766.00			
3872261.00		758.10	760.00	761.10	761.00	763.20
767.80	768.00	769.10	771.10			
3871761.00		768.00	767.00	767.90	767.80	768.00
771.00	774.00	775.70	777.00			
3871261.00		771.50	772.00	772.90	774.00	774.00
776.00	780.00	783.00	783.40			
3870761.00		776.10	779.90	780.00	780.50	786.10
783.10	786.10	791.90	792.00			
3870261.00		774.00	786.10	786.00	788.30	795.10
806.40	803.40	798.80	798.80			
3869761.00		784.50	783.10	794.80	802.20	806.50
810.00	823.00	810.00	817.00			
3869261.00		794.00	790.10	798.70	815.50	824.40
826.10	824.10	818.00	822.80			

3868761.00	1025.00	796.80	796.80	823.00	847.10
844.60	838.00	827.90	829.80		
3868261.00	1034.00	803.50	800.50	804.00	818.60
841.00	844.60	834.10	827.20		
3867761.00	1034.00	813.90	809.00	809.00	810.00
814.70	825.30	840.90	829.00		
3867261.00	1034.00	824.70	818.80	816.80	816.80
816.80	818.00	823.40	836.00		
3866761.00	851.80	842.40	835.50	830.50	826.50
825.50	824.00	827.10	833.80		
3866261.00	928.00	927.00	855.50	846.10	838.00
834.00	832.60	833.20	834.00		
3865761.00	930.00	928.00	916.00	863.20	853.70
846.00	840.90	842.00	841.00		
3865261.00	938.70	926.30	915.00	879.00	865.90
855.60	851.50	848.00	846.90		
3864761.00	939.40	942.10	932.00	891.60	876.00
865.20	859.10	853.90	852.10		

\*\*\* AERMOD - VERSION 19191 \*\*\*  
 \*\*\* 09/09/20

\*\*\* AERMET - VERSION 14134 \*\*\*  
 \*\*\* 21:13:29

PAGE 13

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* NETWORK ID: COURSE ; NETWORK TYPE: GRIDCART

\*\*\*

\* HILL HEIGHT SCALES IN METERS \*

Y-COORD (METERS)	444233.00	444733.00	445233.00	X-COORD (METERS) 445733.00
3879761.00	841.70	833.10	828.40	820.70
3879261.00	829.20	823.90	818.10	814.30
3878761.00	818.80	816.90	813.90	807.50
3878261.00	814.00	808.00	805.10	801.00
3877761.00	805.20	798.30	798.20	796.70
3877261.00	795.90	789.40	790.70	791.70
3876761.00	785.80	783.30	786.30	786.10
3876261.00	778.60	777.10	786.30	782.20
3875761.00	770.80	777.70	780.40	777.20
3875261.00	767.30	767.80	771.20	772.70
3874761.00	762.50	761.80	762.30	765.10
3874261.00	758.30	758.30	759.50	761.40
3873761.00	756.90	757.10	756.40	757.40
3873261.00	760.70	761.70	759.20	757.40

3872761.00	767.00	767.50	765.60	762.00
3872261.00	774.00	774.00	770.00	767.00
3871761.00	780.80	778.00	774.00	771.90
3871261.00	786.80	783.90	780.00	777.50
3870761.00	792.00	792.00	787.30	787.10
3870261.00	798.00	798.10	801.80	799.80
3869761.00	805.00	814.60	830.60	814.20
3869261.00	823.00	818.00	828.20	823.00
3868761.00	817.10	822.70	835.40	827.90
3868261.00	823.00	831.20	842.00	860.00
3867761.00	828.00	835.10	849.70	860.90
3867261.00	836.00	838.10	846.80	853.40
3866761.00	840.00	846.50	851.60	854.90
3866261.00	840.00	851.10	865.10	867.10
3865761.00	843.00	852.80	864.80	885.80
3865261.00	846.70	855.10	865.90	910.00
3864761.00	852.00	859.20	874.90	893.00

^ \*\*\* AERMOD - VERSION 19191 \*\*\*  
                                   \*\*\*                  09/09/20  
 \*\*\* AERMET - VERSION 14134 \*\*\*  
                                   \*\*\*                  21:13:29

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\*\*\* MODELOPTs:    RegDFault    CONC    ELEV    FLGPOL    RURAL

\*\*\* NETWORK ID: COURSE    ;    NETWORK TYPE: GRIDCART

\*\*\*

\* RECEPTOR FLAGPOLE HEIGHTS IN METERS \*

Y-COORD (METERS)	X-COORD (METERS)				
	430733.00	431233.00	431733.00	432233.00	432733.00
433233.00	433733.00	434233.00	434733.00		
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3879761.00	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20	1.20
3879261.00	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20	1.20
3878761.00	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20	1.20
3878261.00	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20	1.20
3877761.00	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20	1.20
3877261.00	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20	1.20
3876761.00	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20	1.20

3876261.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3875761.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3875261.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3874761.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3874261.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3873761.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3873261.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3872761.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3872261.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3871761.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3871261.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3870761.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3870261.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3869761.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3869261.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3868761.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3868261.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3867761.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3867261.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3866761.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3866261.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3865761.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3865261.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3864761.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		



\*\*\* AERMET - VERSION 14134 \*\*\*  
 \*\*\* 21:13:29

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* NETWORK ID: COURSE ; NETWORK TYPE: GRIDCART

\*\*\*

\* RECEPTOR FLAGPOLE HEIGHTS IN METERS \*

Y-COORD (METERS)	X-COORD (METERS)				
	435233.00	435733.00	436233.00	436733.00	437233.00
437733.00	438233.00	438733.00	439233.00		

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3879761.00		1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20	1.20
3879261.00		1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20	1.20
3878761.00		1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20	1.20
3878261.00		1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20	1.20
3877761.00		1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20	1.20
3877261.00		1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20	1.20
3876761.00		1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20	1.20
3876261.00		1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20	1.20
3875761.00		1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20	1.20
3875261.00		1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20	1.20
3874761.00		1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20	1.20
3874261.00		1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20	1.20
3873761.00		1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20	1.20
3873261.00		1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20	1.20
3872761.00		1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20	1.20
3872261.00		1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20	1.20
3871761.00		1.20	1.20	1.20	1.20





3866761.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3866261.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3865761.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3865261.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3864761.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		

^ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*  
                                   \*\*\*          09/09/20  
 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*  
                                   \*\*\*          21:13:29

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\*\*\* MODELOPTs:    RegDEFAULT    CONC    ELEV    FLGPOL    RURAL

\*\*\* NETWORK ID: COURSE    ;    NETWORK TYPE: GRIDCART

\*\*\*

\* RECEPTOR FLAGPOLE HEIGHTS IN METERS \*

Y-COORD					X-COORD (METERS)
(METERS)		444233.00	444733.00	445233.00	445733.00

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3879761.00		1.20	1.20	1.20	1.20
3879261.00		1.20	1.20	1.20	1.20
3878761.00		1.20	1.20	1.20	1.20
3878261.00		1.20	1.20	1.20	1.20
3877761.00		1.20	1.20	1.20	1.20
3877261.00		1.20	1.20	1.20	1.20
3876761.00		1.20	1.20	1.20	1.20
3876261.00		1.20	1.20	1.20	1.20
3875761.00		1.20	1.20	1.20	1.20
3875261.00		1.20	1.20	1.20	1.20
3874761.00		1.20	1.20	1.20	1.20
3874261.00		1.20	1.20	1.20	1.20
3873761.00		1.20	1.20	1.20	1.20
3873261.00		1.20	1.20	1.20	1.20
3872761.00		1.20	1.20	1.20	1.20
3872261.00		1.20	1.20	1.20	1.20
3871761.00		1.20	1.20	1.20	1.20
3871261.00		1.20	1.20	1.20	1.20
3870761.00		1.20	1.20	1.20	1.20
3870261.00		1.20	1.20	1.20	1.20
3869761.00		1.20	1.20	1.20	1.20
3869261.00		1.20	1.20	1.20	1.20

3868761.00		1.20	1.20	1.20	1.20
3868261.00		1.20	1.20	1.20	1.20
3867761.00		1.20	1.20	1.20	1.20
3867261.00		1.20	1.20	1.20	1.20
3866761.00		1.20	1.20	1.20	1.20
3866261.00		1.20	1.20	1.20	1.20
3865761.00		1.20	1.20	1.20	1.20
3865261.00		1.20	1.20	1.20	1.20
3864761.00		1.20	1.20	1.20	1.20

^ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*\*  
   \*\*\*                            09/09/20  
 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*  
   \*\*\*                            21:13:29

\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\*\*\* GRIDDED RECEPTOR NETWORK SUMMARY \*\*\*

\*\*\* NETWORK ID: DESERTL ; NETWORK TYPE: GRIDCART

\*\*\*

\*\*\* X-COORDINATES OF GRID \*\*\*  
(METERS)

435850.4, 435900.4, 435950.4, 436000.4, 436050.4, 436100.4, 436150.4,  
 436200.4, 436250.4, 436300.4,  
 436350.4, 436400.4, 436450.4, 436500.4, 436550.4, 436600.4, 436650.4,  
 436700.4, 436750.4, 436800.4,  
 436850.4,

\*\*\* Y-COORDINATES OF GRID \*\*\*  
(METERS)

3873157.0, 3873207.0, 3873257.0, 3873307.0, 3873357.0, 3873407.0, 3873457.0,  
 3873507.0, 3873557.0, 3873607.0,  
 3873657.0, 3873707.0, 3873757.0, 3873807.0, 3873857.0, 3873907.0, 3873957.0,  
 3874007.0, 3874057.0, 3874107.0,  
 3874157.0,

^ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*\*  
   \*\*\*                            09/09/20  
 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*  
   \*\*\*                            21:13:29

\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\*\*\* NETWORK ID: DESERTL ; NETWORK TYPE: GRIDCART

\*\*\*

\* ELEVATION HEIGHTS IN METERS \*

Y-COORD (METERS)	X-COORD (METERS)				
	435850.40	435900.40	435950.40	436000.40	436050.40
436100.40	436150.40	436200.40	436250.40		
3874157.00	728.50	731.80	729.80	728.90	728.50
728.50	728.50	728.50	728.60		
3874107.00	728.50	731.10	730.30	729.30	729.10
728.60	728.50	728.70	729.60		
3874057.00	729.00	728.40	728.60	729.10	729.10
728.90	729.00	729.90	731.20		
3874007.00	729.40	728.50	728.50	728.80	728.80
729.10	729.40	730.10	731.00		
3873957.00	729.40	730.70	728.50	728.50	728.50
728.80	729.40	730.20	730.80		
3873907.00	729.40	729.80	728.50	728.50	728.50
728.90	729.40	730.10	730.70		
3873857.00	729.40	728.50	728.50	728.50	728.50
728.60	729.40	730.10	730.70		
3873807.00	729.60	728.50	728.50	728.50	728.50
728.90	729.60	730.20	730.80		
3873757.00	729.80	728.50	728.50	728.50	728.60
729.20	729.80	730.30	731.00		
3873707.00	730.00	728.50	728.50	728.50	728.80
729.50	730.00	730.50	731.00		
3873657.00	730.30	728.50	728.50	728.50	728.70
729.80	730.30	730.70	731.20		
3873607.00	730.70	728.50	728.50	728.50	728.90
730.20	730.70	730.90	731.30		
3873557.00	731.20	728.50	728.50	728.50	729.10
730.50	731.20	731.20	731.30		
3873507.00	731.50	728.50	728.50	728.60	729.30
730.90	731.50	731.70	731.70		
3873457.00	731.60	728.50	728.50	729.00	729.80
731.20	731.60	731.90	732.00		
3873407.00	731.80	728.80	729.10	729.60	730.30
731.30	731.80	732.00	732.40		
3873357.00	731.70	729.10	729.50	730.10	730.80
731.50	731.70	732.30	732.70		
3873307.00	731.70	729.40	730.00	730.60	731.20
731.70	731.70	732.40	732.90		
3873257.00	732.00	730.00	730.00	731.00	731.00
732.00	732.00	732.70	733.00		
3873207.00	732.00	730.00	730.40	731.00	731.00
732.00	732.00	732.90	733.80		
3873157.00	733.00	730.00	731.00	731.00	731.30
732.10	733.00	733.20	734.00		

\*\*\* AERMOD - VERSION 19191 \*\*\*  
 \*\*\* 09/09/20

\*\*\* AERMET - VERSION 14134 \*\*\*  
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\*\*\* NETWORK ID: DESERTL ; NETWORK TYPE: GRIDCART

\*\*\*

\* ELEVATION HEIGHTS IN METERS \*

Y-COORD (METERS)	X-COORD (METERS)				
	436300.40	436350.40	436400.40	436450.40	436500.40
436550.40	436600.40	436650.40	436700.40		

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3874157.00		728.50	728.50	728.90	730.00	731.00
731.10	730.90	731.40	731.60			
3874107.00		730.10	729.80	730.30	730.80	731.40
731.50	731.40	731.50	731.80			
3874057.00		731.50	731.30	731.30	731.30	731.50
731.80	731.80	731.90	732.20			
3874007.00		731.50	731.50	731.50	731.50	731.50
731.60	731.80	732.30	732.50			
3873957.00		731.20	731.50	731.50	731.70	731.70
731.70	732.00	732.50	732.80			
3873907.00		731.20	731.70	731.80	731.80	731.90
732.00	732.50	732.80	733.20			
3873857.00		731.20	731.70	731.90	732.10	732.10
732.50	732.70	733.20	733.50			
3873807.00		731.50	731.70	732.10	732.30	732.60
732.80	733.00	733.40	733.90			
3873757.00		731.50	731.80	732.20	732.40	732.70
732.90	733.40	733.60	734.20			
3873707.00		731.50	732.00	732.20	732.70	732.90
733.20	733.60	733.90	734.40			
3873657.00		731.50	732.00	732.20	732.70	733.00
733.40	733.80	734.10	734.40			
3873607.00		731.80	732.10	732.50	732.70	733.30
733.80	734.30	734.30	734.60			
3873557.00		731.80	732.10	732.50	733.00	733.30
733.80	734.30	734.60	734.70			
3873507.00		731.70	732.30	732.70	733.20	733.60
734.00	734.30	734.80	735.20			
3873457.00		732.20	732.70	732.90	733.40	733.70
734.10	734.30	734.80	735.30			
3873407.00		732.70	732.90	733.20	733.60	733.90

734.10	734.30	735.00	735.60			
3873357.00	732.90	733.30	733.60	733.80	734.10	
734.40	734.80	735.40	736.10			
3873307.00	733.40	733.60	733.80	734.10	734.50	
734.70	735.30	736.00	736.70			
3873257.00	734.00	734.00	734.40	735.00	735.00	
736.00	736.00	736.70	737.40			
3873207.00	734.00	734.40	735.00	735.00	735.90	
736.00	736.60	737.00	737.80			
3873157.00	734.00	735.00	735.10	736.00	736.00	
736.40	737.00	737.20	738.00			

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*** AERMOD - VERSION 19191 ***
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*** AERMET - VERSION 14134 ***
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\*\*\* NETWORK ID: DESERTL ; NETWORK TYPE: GRIDCART

\*\*\*

\* ELEVATION HEIGHTS IN METERS \*

Y-COORD				X-COORD (METERS)
(METERS)	436750.40	436800.40	436850.40	

3874157.00	732.10	732.00	732.10
3874107.00	732.10	732.30	732.60
3874057.00	732.50	732.70	732.90
3874007.00	732.70	733.00	733.30
3873957.00	733.00	733.30	733.60
3873907.00	733.40	733.70	733.80
3873857.00	733.90	734.00	734.20
3873807.00	734.10	734.40	734.50
3873757.00	734.60	734.70	734.90
3873707.00	734.60	735.10	735.20
3873657.00	734.60	735.10	735.40
3873607.00	734.90	735.20	735.60
3873557.00	735.20	735.70	735.90
3873507.00	735.50	735.90	736.30
3873457.00	735.90	736.40	736.80
3873407.00	736.40	736.90	737.10
3873357.00	736.90	737.40	737.60
3873307.00	737.40	737.50	737.60
3873257.00	738.00	738.00	738.00
3873207.00	738.00	738.00	738.00
3873157.00	738.00	738.00	738.00



\*\*\* AERMOD - VERSION 19191 \*\*\*  
 \*\*\* 09/09/20  
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\*\*\* NETWORK ID: DESERTL ; NETWORK TYPE: GRIDCART

\*\*\*

\* HILL HEIGHT SCALES IN METERS \*

Y-COORD (METERS)	X-COORD (METERS)				
	435850.40	435900.40	435950.40	436000.40	436050.40
436100.40	436150.40	436200.40	436250.40		

-----

3874157.00	731.80	729.80	728.90	728.50	728.50
728.50	728.50	728.50	728.60		
3874107.00	735.20	730.30	729.30	729.10	728.80
728.60	728.50	728.70	729.60		
3874057.00	735.20	728.60	729.10	729.10	729.10
728.90	729.00	729.90	731.20		
3874007.00	734.30	728.50	728.80	728.80	728.80
729.10	729.40	730.10	731.00		
3873957.00	734.30	728.50	728.50	728.50	728.50
728.80	729.40	730.20	730.80		
3873907.00	729.80	728.50	728.50	728.50	728.50
728.90	729.40	730.10	730.70		
3873857.00	728.50	728.50	728.50	728.50	728.50
728.60	729.40	730.10	730.70		
3873807.00	728.50	728.50	728.50	728.50	728.50
728.90	729.60	730.20	730.80		
3873757.00	728.50	728.50	728.50	728.60	728.70
729.20	729.80	730.30	731.00		
3873707.00	728.50	728.50	728.50	728.80	729.10
729.50	730.00	730.50	731.00		
3873657.00	728.50	728.50	728.50	728.70	729.30
729.80	730.30	730.70	731.20		
3873607.00	728.50	728.50	728.50	728.90	729.50
730.20	730.70	730.90	731.30		
3873557.00	728.50	728.50	728.50	729.10	729.80
730.50	731.20	731.20	731.30		
3873507.00	728.50	728.50	728.60	729.30	730.20
730.90	731.50	731.70	731.70		
3873457.00	728.50	728.50	729.00	729.80	730.60
731.20	731.60	731.90	732.00		
3873407.00	728.80	729.10	729.60	730.30	730.80

731.30	731.80	732.00	732.40			
3873357.00	729.10	729.50	730.10	730.80	731.20	
731.50	731.70	732.30	732.70			
3873307.00	729.40	730.00	730.60	731.20	731.70	
731.70	731.70	732.40	732.90			
3873257.00	730.00	730.00	731.00	731.00	732.00	
732.00	732.00	732.70	733.00			
3873207.00	730.00	730.40	731.00	731.00	731.90	
732.00	732.00	732.90	733.80			
3873157.00	730.00	731.00	731.00	731.30	732.00	
732.10	733.00	733.20	734.00			

↑ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*\*

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\*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* NETWORK ID: DESERTL ; NETWORK TYPE: GRIDCART

\*\*\*

\* HILL HEIGHT SCALES IN METERS \*

Y-COORD	X-COORD (METERS)
(METERS)	
	436300.40 436350.40 436400.40 436450.40 436500.40
436550.40	436600.40 436650.40 436700.40

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3874157.00	728.50	728.50	728.90	730.00	731.00
731.10	730.90	731.40	731.60		
3874107.00	730.10	729.80	730.30	730.80	731.40
731.50	731.40	731.50	731.80		
3874057.00	731.50	731.30	731.30	731.30	731.50
731.80	731.80	731.90	732.20		
3874007.00	731.50	731.50	731.50	731.50	731.50
731.60	731.80	732.30	732.50		
3873957.00	731.20	731.50	731.50	731.70	731.70
731.70	732.00	732.50	732.80		
3873907.00	731.20	731.70	731.80	731.80	731.90
732.00	732.50	732.80	733.20		
3873857.00	731.20	731.70	731.90	732.10	732.10
732.50	732.70	733.20	733.50		
3873807.00	731.50	731.70	732.10	732.30	732.60
732.80	733.00	733.40	733.90		
3873757.00	731.50	731.80	732.20	732.40	732.70
732.90	733.40	733.60	734.20		
3873707.00	731.50	732.00	732.20	732.70	732.90
733.20	733.60	733.90	734.40		

3873657.00		731.50	732.00	732.20	732.70	733.00
733.40		733.80	734.10	734.40		
3873607.00		731.80	732.10	732.50	732.70	733.30
733.80		734.30	734.30	734.60		
3873557.00		731.80	732.10	732.50	733.00	733.30
733.80		734.30	734.60	734.70		
3873507.00		731.70	732.30	732.70	733.20	733.60
734.00		734.30	734.80	735.20		
3873457.00		732.20	732.70	732.90	733.40	733.70
734.10		734.30	734.80	735.30		
3873407.00		732.70	732.90	733.20	733.60	733.90
734.10		734.30	735.00	735.60		
3873357.00		732.90	733.30	733.60	733.80	734.10
734.40		734.80	735.40	736.10		
3873307.00		733.40	733.60	733.80	734.10	734.50
734.70		735.30	736.00	736.70		
3873257.00		734.00	734.00	734.40	735.00	735.00
736.00		736.00	736.70	737.40		
3873207.00		734.00	734.40	735.00	735.00	735.90
736.00		736.60	737.00	737.80		
3873157.00		734.00	735.00	735.10	736.00	736.00
736.40		737.00	737.20	738.00		

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*** AERMOD - VERSION 19191 ***   ***
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*** AERMET - VERSION 14134 ***   ***
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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* NETWORK ID: DESERTL ; NETWORK TYPE: GRIDCART

\*\*\*

\* HILL HEIGHT SCALES IN METERS \*

Y-COORD					X-COORD (METERS)
(METERS)		436750.40	436800.40	436850.40	

3874157.00		732.10	732.00	732.10
3874107.00		732.10	732.30	732.60
3874057.00		732.50	732.70	732.90
3874007.00		732.70	733.00	733.30
3873957.00		733.00	733.30	733.60
3873907.00		733.40	733.70	733.80
3873857.00		733.90	734.00	734.20
3873807.00		734.10	734.40	734.50
3873757.00		734.60	734.70	734.90
3873707.00		734.60	735.10	735.20

3873657.00	734.60	735.10	735.40
3873607.00	734.90	735.20	735.60
3873557.00	735.20	735.70	735.90
3873507.00	735.50	735.90	736.30
3873457.00	735.90	736.40	736.80
3873407.00	736.40	736.90	737.10
3873357.00	736.90	737.40	737.60
3873307.00	737.40	737.50	737.60
3873257.00	738.00	738.00	738.00
3873207.00	738.00	738.00	738.00
3873157.00	738.00	738.00	738.00

▲ \*\*\* AERMOD - VERSION 19191 \*\*\*  
 \*\*\*  
 09/09/20  
 \*\*\* AERMET - VERSION 14134 \*\*\*  
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\*\*\* NETWORK ID: DESERTL ; NETWORK TYPE: GRIDCART

\*\*\*

\* RECEPTOR FLAGPOLE HEIGHTS IN METERS \*

Y-COORD (METERS)	X-COORD (METERS)					
	435850.40	435900.40	435950.40	436000.40	436050.40	
436100.40	436150.40	436200.40	436250.40			

3874157.00	1.20	1.20	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20			
3874107.00	1.20	1.20	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20			
3874057.00	1.20	1.20	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20			
3874007.00	1.20	1.20	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20			
3873957.00	1.20	1.20	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20			
3873907.00	1.20	1.20	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20			
3873857.00	1.20	1.20	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20			
3873807.00	1.20	1.20	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20			
3873757.00	1.20	1.20	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20			
3873707.00	1.20	1.20	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20			

3873657.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3873607.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3873557.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3873507.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3873457.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3873407.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3873357.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3873307.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3873257.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3873207.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3873157.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		

^ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*  
 \*\*\* 09/09/20  
 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*  
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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* NETWORK ID: DESERTL ; NETWORK TYPE: GRIDCART

\*\*\*

\* RECEPTOR FLAGPOLE HEIGHTS IN METERS \*

Y-COORD						X-COORD (METERS)
(METERS)		436300.40	436350.40	436400.40	436450.40	436500.40
436550.40		436600.40	436650.40	436700.40		

-----

3874157.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3874107.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3874057.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3874007.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3873957.00		1.20	1.20	1.20	1.20	1.20	1.20

1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20
3873907.00	1.20	1.20	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20
3873857.00	1.20	1.20	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20
3873807.00	1.20	1.20	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20
3873757.00	1.20	1.20	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20
3873707.00	1.20	1.20	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20
3873657.00	1.20	1.20	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20
3873607.00	1.20	1.20	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20
3873557.00	1.20	1.20	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20
3873507.00	1.20	1.20	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20
3873457.00	1.20	1.20	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20
3873407.00	1.20	1.20	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20
3873357.00	1.20	1.20	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20
3873307.00	1.20	1.20	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20
3873257.00	1.20	1.20	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20
3873207.00	1.20	1.20	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20
3873157.00	1.20	1.20	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20

\*\*\* AERMOD - VERSION 19191 \*\*\*  
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\*\*\* AERMET - VERSION 14134 \*\*\*  
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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* NETWORK ID: DESERTL ; NETWORK TYPE: GRIDCART

\*\*\*

\* RECEPTOR FLAGPOLE HEIGHTS IN METERS \*

Y-COORD				X-COORD (METERS)
(METERS)	436750.40	436800.40	436850.40	

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3874157.00	1.20	1.20	1.20
3874107.00	1.20	1.20	1.20
3874057.00	1.20	1.20	1.20
3874007.00	1.20	1.20	1.20
3873957.00	1.20	1.20	1.20
3873907.00	1.20	1.20	1.20
3873857.00	1.20	1.20	1.20
3873807.00	1.20	1.20	1.20
3873757.00	1.20	1.20	1.20
3873707.00	1.20	1.20	1.20
3873657.00	1.20	1.20	1.20
3873607.00	1.20	1.20	1.20
3873557.00	1.20	1.20	1.20
3873507.00	1.20	1.20	1.20
3873457.00	1.20	1.20	1.20
3873407.00	1.20	1.20	1.20
3873357.00	1.20	1.20	1.20
3873307.00	1.20	1.20	1.20
3873257.00	1.20	1.20	1.20
3873207.00	1.20	1.20	1.20
3873157.00	1.20	1.20	1.20

\*\*\* AERMOD - VERSION 19191 \*\*\*

\*\*\* 09/09/20

\*\*\* AERMET - VERSION 14134 \*\*\*

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* GRIDDED RECEPTOR NETWORK SUMMARY \*\*\*

\*\*\* NETWORK ID: BORON ; NETWORK TYPE: GRIDCART

\*\*\*

\*\*\* X-COORDINATES OF GRID \*\*\*  
(METERS)

439957.6, 440007.6, 440057.6, 440107.6, 440157.6, 440207.6, 440257.6,  
440307.6, 440357.6, 440407.6,  
440457.6, 440507.6, 440557.6, 440607.6, 440657.6, 440707.6, 440757.6,  
440807.6, 440857.6, 440907.6,  
440957.6, 441007.6, 441057.6, 441107.6, 441157.6, 441207.6, 441257.6,  
441307.6, 441357.6, 441407.6,  
441457.6,

\*\*\* Y-COORDINATES OF GRID \*\*\*  
(METERS)

3872557.0, 3872607.0, 3872657.0, 3872707.0, 3872757.0, 3872807.0, 3872857.0,

3872907.0, 3872957.0, 3873007.0,  
 3873057.0, 3873107.0, 3873157.0, 3873207.0, 3873257.0, 3873307.0, 3873357.0,  
 3873407.0, 3873457.0, 3873507.0,  
 3873557.0, 3873607.0, 3873657.0, 3873707.0, 3873757.0, 3873807.0, 3873857.0,  
 3873907.0, 3873957.0, 3874007.0,  
 3874057.0,

▲ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*\*  
 \*\*\* 09/09/20  
 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*  
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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* NETWORK ID: BORON ; NETWORK TYPE: GRIDCART

\*\*\*

\* ELEVATION HEIGHTS IN METERS \*

Y-COORD (METERS)	X-COORD (METERS)				
	439957.60	440007.60	440057.60	440107.60	440157.60
440207.60	440257.60	440307.60	440357.60		

3874057.00	743.90	743.90	743.90	743.90	744.00
744.30	744.60	744.90	745.20		
3874007.00	743.40	743.40	743.70	743.70	743.70
743.70	744.60	744.90	744.90		
3873957.00	743.40	743.40	743.70	743.70	743.80
744.00	744.60	744.80	744.90		
3873907.00	743.40	743.60	743.80	744.00	744.10
744.30	744.60	744.90	745.00		
3873857.00	743.70	743.70	744.00	744.30	744.50
744.60	744.90	744.90	745.20		
3873807.00	743.70	744.00	744.20	744.50	744.70
744.80	744.90	745.10	745.30		
3873757.00	744.10	744.30	744.50	744.70	744.90
745.00	745.20	745.30	745.50		
3873707.00	744.30	744.60	744.70	744.90	745.10
745.30	745.50	745.50	745.80		
3873657.00	744.60	744.90	744.90	745.10	745.30
745.50	745.70	746.00	746.10		
3873607.00	744.90	745.00	745.30	745.30	745.60
745.70	745.90	746.20	746.30		
3873557.00	744.90	745.20	745.50	745.50	745.80
745.90	746.10	746.60	746.70		
3873507.00	745.20	745.50	745.80	746.00	746.10
746.30	746.40	746.60	747.00		
3873457.00	745.50	745.80	746.00	746.20	746.40



746.50	746.50	746.70	747.20			
3873407.00		745.80	746.10	746.40	746.50	746.60
746.80		747.00	747.00	747.40		
3873357.00		746.10	746.40	746.60	746.80	746.90
747.00		747.40	747.70	748.20		
3873307.00		746.40	746.70	746.80	747.00	747.20
747.50		747.70	748.40	749.00		
3873257.00		746.70	746.90	747.10	747.40	747.50
747.70		748.00	748.60	749.80		
3873207.00		747.60	748.00	748.00	748.00	748.60
749.00		749.60	749.80	750.00		
3873157.00		748.00	748.00	748.10	748.90	749.00
750.00		750.00	750.00	750.00		
3873107.00		748.00	748.90	749.00	749.00	749.60
750.00		750.00	750.00	750.20		
3873057.00		749.00	749.00	749.00	749.60	750.00
750.00		750.60	750.80	751.00		
3873007.00		750.00	750.00	750.00	750.00	750.20
750.50		751.00	751.00	751.30		
3872957.00		750.00	750.00	750.20	750.90	751.00
751.00		751.00	751.90	752.00		
3872907.00		751.00	751.00	751.00	751.00	751.60
751.70		752.00	752.00	752.20		
3872857.00		751.30	751.30	752.00	752.00	752.00
752.10		752.30	753.00	753.00		
3872807.00		752.00	752.00	752.00	752.00	752.90
753.00		753.00	753.60	753.90		
3872757.00		752.60	752.60	753.00	753.00	753.40
753.60		754.00	754.00	754.00		
3872707.00		753.00	753.30	753.50	754.00	754.00
754.00		754.00	754.30	755.00		
3872657.00		753.90	754.00	754.00	754.90	754.90
754.90		754.90	755.00	755.00		
3872607.00		754.00	754.80	755.20	755.60	755.60
755.00		755.60	755.60	755.70		
3872557.00		755.00	755.60	756.00	756.00	756.00
756.00		756.00	756.00	756.10		

▲ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*\*  
 \*\*\* 09/09/20  
 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*  
 \*\*\* 21:13:29

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* NETWORK ID: BORON ; NETWORK TYPE: GRIDCART

\*\*\*

\* ELEVATION HEIGHTS IN METERS \*

Y-COORD (METERS)					X-COORD (METERS)	
	440407.60	440457.60	440507.60		440557.60	440607.60
440657.60	440707.60	440757.60	440807.60			

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3874057.00		745.20	745.40	745.50	745.50	745.50
745.60	745.80	746.20	746.40			
3874007.00		745.20	745.20	745.20	745.50	745.50
745.50	745.80	746.00	746.20			
3873957.00		745.20	745.20	745.20	745.50	745.50
745.60	745.80	746.00	746.20			
3873907.00		745.20	745.30	745.40	745.50	745.60
745.80	745.90	746.20	746.30			
3873857.00		745.20	745.50	745.50	745.80	745.80
745.90	746.10	746.20	746.50			
3873807.00		745.50	745.70	745.80	746.00	746.10
746.20	746.20	746.30	746.50			
3873757.00		745.60	745.90	746.00	746.20	746.20
746.20	746.40	746.50	746.60			
3873707.00		745.80	746.10	746.20	746.40	746.50
746.70	746.50	746.50	746.80			
3873657.00		746.30	746.30	746.50	746.50	746.70
746.80	746.80	746.80	746.80			
3873607.00		746.50	746.80	746.80	746.80	747.00
747.20	747.20	747.20	747.30			
3873557.00		746.80	746.90	747.10	747.40	747.40
747.70	747.70	747.70	748.00			
3873507.00		747.20	747.30	747.60	747.70	747.90
748.00	748.20	748.20	748.50			
3873457.00		747.40	747.80	748.10	748.10	748.40
748.40	748.60	748.70	748.90			
3873407.00		747.90	748.30	748.60	748.60	748.80
748.90	748.90	749.20	749.30			
3873357.00		748.50	748.80	749.10	749.10	749.20
749.20	749.40	749.60	749.70			
3873307.00		749.30	749.30	749.60	749.60	749.60
749.60	749.80	749.90	750.10			
3873257.00		749.80	749.80	749.90	750.10	750.10
750.10	750.10	750.40	750.50			
3873207.00		750.00	750.00	750.00	750.00	750.60
751.00	751.00	751.00	751.00			
3873157.00		750.00	750.20	750.50	751.00	751.00
751.00	751.00	751.00	751.00			
3873107.00		750.90	751.00	751.00	751.00	751.00
751.00	751.00	751.00	751.00			
3873057.00		751.00	751.00	751.60	751.60	751.60
751.60	751.60	751.60	752.00			
3873007.00		751.90	752.00	752.00	752.00	752.00
752.00	752.00	752.00	752.10			

3872957.00		752.00	752.00	752.00	752.00	752.00
752.00		752.90	752.90	753.00		
3872907.00		752.60	752.80	753.00	753.00	753.00
753.00		753.00	753.00	753.60		
3872857.00		753.00	753.30	753.30	753.30	753.70
754.00		754.00	754.00	754.00		
3872807.00		753.90	754.00	754.00	754.00	754.00
754.00		754.00	754.00	754.20		
3872757.00		754.00	754.60	754.60	754.60	754.60
755.00		755.00	755.00	755.00		
3872707.00		755.00	755.30	755.30	755.30	755.30
755.30		755.30	755.70	756.00		
3872657.00		755.90	756.00	756.00	756.00	756.00
756.00		756.00	756.00	756.00		
3872607.00		756.00	756.40	756.60	756.60	756.60
756.60		756.60	756.60	757.00		
3872557.00		756.30	757.00	757.10	757.30	757.30
757.30		757.30	757.30	757.50		

^ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*\*  
                                 \*\*\*                09/09/20  
 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*  
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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* NETWORK ID: BORON ; NETWORK TYPE: GRIDCART

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\* ELEVATION HEIGHTS IN METERS \*

Y-COORD (METERS)		X-COORD (METERS)		X-COORD (METERS)
441107.60		440857.60	440907.60	440957.60
		441157.60	441207.60	441257.60

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3874057.00		746.80	746.80	747.00	747.00	747.20
747.80		748.30	748.70	749.00		
3874007.00		746.50	746.80	746.50	746.80	747.00
747.50		748.00	748.50	748.70		
3873957.00		746.50	746.50	746.50	746.70	746.90
747.40		748.00	748.30	748.60		
3873907.00		746.50	746.80	746.80	746.80	747.00
747.40		748.00	748.30	748.60		
3873857.00		746.70	746.90	747.00	747.10	747.40
747.70		748.00	748.30	748.60		
3873807.00		746.60	746.80	747.10	747.40	747.70
748.00		748.30	748.50	748.60		
3873757.00		746.80	746.80	747.20	747.70	748.00

748.10	748.40	748.60	748.70			
3873707.00		747.00	747.40	747.70	748.00	748.30
748.60		748.60	748.80	748.90		
3873657.00		747.20	747.70	748.00	748.30	748.50
748.80		748.90	749.10	749.20		
3873607.00		747.70	748.20	748.40	748.70	749.00
749.00		749.20	749.30	749.50		
3873557.00		748.20	748.60	749.00	749.20	749.50
749.50		749.50	749.70	749.80		
3873507.00		748.80	749.00	749.20	749.70	749.80
749.80		749.80	750.00	750.20		
3873457.00		749.00	749.20	749.50	749.80	750.00
749.90		750.10	750.40	750.60		
3873407.00		749.50	749.70	749.80	750.10	750.30
750.40		750.40	750.70	751.00		
3873357.00		749.80	749.90	750.10	750.40	750.60
750.90		750.90	751.20	751.50		
3873307.00		750.20	750.40	750.50	750.80	750.90
751.20		751.40	751.70	751.80		
3873257.00		750.70	750.90	751.00	751.00	751.20
751.40		751.60	751.80	752.20		
3873207.00		751.00	751.00	751.00	751.00	751.80
752.00		752.00	752.00	752.70		
3873157.00		751.00	751.00	751.50	752.00	752.00
752.00		752.00	752.00	753.00		
3873107.00		751.90	751.90	752.00	752.00	752.00
752.00		752.00	752.90	753.00		
3873057.00		752.00	752.00	752.00	752.60	752.60
752.60		753.00	753.00	753.60		
3873007.00		752.30	752.70	753.00	753.00	753.20
753.30		753.30	754.00	754.00		
3872957.00		753.00	753.00	753.20	753.90	754.00
754.00		754.00	754.00	754.20		
3872907.00		753.60	754.00	754.00	754.00	754.00
754.60		754.60	755.00	755.00		
3872857.00		754.00	754.20	754.30	754.90	755.00
755.10		755.30	755.30	755.30		
3872807.00		754.90	755.00	755.00	755.00	755.60
756.00		756.00	756.00	756.00		
3872757.00		755.00	755.40	755.70	756.00	756.00
756.00		756.00	756.60	756.60		
3872707.00		756.00	756.00	756.00	756.30	756.30
757.00		757.00	757.00	757.10		
3872657.00		756.00	756.00	756.90	757.00	757.00
757.00		757.90	757.90	758.00		
3872607.00		757.00	757.00	757.20	757.60	757.80
758.00		758.00	758.00	758.00		
3872557.00		758.00	758.00	758.00	758.00	758.00
758.10		758.30	759.00	759.00		

▲ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*\*

\*\*\* 09/09/20  
 \*\*\* AERMET - VERSION 14134 \*\*\*  
 \*\*\* 21:13:29

PAGE 32  
 \*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\*\*\* NETWORK ID: BORON ; NETWORK TYPE: GRIDCART

\*\*\*

\* ELEVATION HEIGHTS IN METERS \*

Y-COORD (METERS)	441307.60	441357.60	441407.60	441457.60	X-COORD (METERS)
3874057.00	749.10	749.20	749.40	749.70	
3874007.00	748.90	749.10	749.20	749.20	
3873957.00	748.70	748.90	749.10	749.20	
3873907.00	748.60	748.90	749.00	749.20	
3873857.00	748.90	748.90	749.00	749.20	
3873807.00	748.90	748.90	749.10	749.20	
3873757.00	748.90	749.10	749.20	749.20	
3873707.00	749.20	749.20	749.20	749.50	
3873657.00	749.40	749.40	749.50	749.50	
3873607.00	749.60	749.80	749.90	749.90	
3873557.00	750.10	750.10	750.40	750.40	
3873507.00	750.30	750.60	750.60	750.90	
3873457.00	750.80	751.10	751.10	751.20	
3873407.00	751.30	751.60	751.70	751.90	
3873357.00	751.80	752.20	752.40	752.40	
3873307.00	752.30	752.70	752.90	752.90	
3873257.00	752.50	752.80	752.90	753.20	
3873207.00	753.00	753.40	753.70	754.00	
3873157.00	753.00	753.60	754.00	754.30	
3873107.00	753.00	754.00	754.20	755.00	
3873057.00	754.00	754.00	754.70	755.00	
3873007.00	754.00	754.70	755.10	755.90	
3872957.00	754.90	755.00	756.00	756.00	
3872907.00	755.00	755.40	756.00	756.00	
3872857.00	755.90	756.00	756.00	756.30	
3872807.00	756.00	756.00	756.90	757.00	
3872757.00	756.60	757.00	757.60	758.00	
3872707.00	757.30	757.70	758.00	758.30	
3872657.00	758.00	758.00	758.20	759.00	
3872607.00	758.60	758.60	759.00	759.60	
3872557.00	759.00	759.20	759.50	760.00	

\*\*\* AERMOD - VERSION 19191 \*\*\*  
 \*\*\* 09/09/20

\*\*\* AERMET - VERSION 14134 \*\*\*  
 \*\*\* 21:13:29

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\*\*\* NETWORK ID: BORON ; NETWORK TYPE: GRIDCART

\*\*\*

\* HILL HEIGHT SCALES IN METERS \*

Y-COORD (METERS)	X-COORD (METERS)				
	439957.60	440007.60	440057.60	440107.60	440157.60
440207.60	440257.60	440307.60	440357.60		

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3874057.00		743.90	743.90	743.90	743.90	744.00
744.30		744.60	744.90	745.20		
3874007.00		743.40	743.40	743.70	743.70	743.70
743.70		744.60	744.90	744.90		
3873957.00		743.40	743.40	743.70	743.70	743.80
744.00		744.60	744.80	744.90		
3873907.00		743.40	743.60	743.80	744.00	744.10
744.30		744.60	744.90	745.00		
3873857.00		743.70	743.70	744.00	744.30	744.50
744.60		744.90	744.90	745.20		
3873807.00		743.70	744.00	744.20	744.50	744.70
744.80		744.90	745.10	745.30		
3873757.00		744.10	744.30	744.50	744.70	744.90
745.00		745.20	745.30	745.50		
3873707.00		744.30	744.60	744.70	744.90	745.10
745.30		745.50	745.50	745.80		
3873657.00		744.60	744.90	744.90	745.10	745.30
745.50		745.70	746.00	746.10		
3873607.00		744.90	745.00	745.30	745.30	745.60
745.70		745.90	746.20	746.30		
3873557.00		744.90	745.20	745.50	745.50	745.80
745.90		746.10	746.60	746.70		
3873507.00		745.20	745.50	745.80	746.00	746.10
746.30		746.40	746.60	747.00		
3873457.00		745.50	745.80	746.00	746.20	746.40
746.50		746.50	746.70	747.20		
3873407.00		745.80	746.10	746.40	746.50	746.60
746.80		747.00	747.00	747.40		
3873357.00		746.10	746.40	746.60	746.80	746.90
747.00		747.40	747.70	748.20		
3873307.00		746.40	746.70	746.80	747.00	747.20
747.50		747.70	748.40	749.00		
3873257.00		746.70	746.90	747.10	747.40	747.50

747.70	748.00	748.60	749.80			
3873207.00	747.60	748.00	748.00	748.00	748.00	748.60
749.00	749.60	749.80	750.00			
3873157.00	748.00	748.00	748.10	748.90	748.90	749.00
750.00	750.00	750.00	750.00			
3873107.00	748.00	748.90	749.00	749.00	749.00	749.60
750.00	750.00	750.00	750.20			
3873057.00	749.00	749.00	749.00	749.00	749.60	750.00
750.00	750.60	750.80	751.00			
3873007.00	750.00	750.00	750.00	750.00	750.00	750.20
750.50	751.00	751.00	751.30			
3872957.00	750.00	750.00	750.20	750.90	750.90	751.00
751.00	751.00	751.90	752.00			
3872907.00	751.00	751.00	751.00	751.00	751.00	751.60
751.70	752.00	752.00	752.20			
3872857.00	751.30	751.30	752.00	752.00	752.00	752.00
752.10	752.30	753.00	753.00			
3872807.00	752.00	752.00	752.00	752.00	752.00	752.90
753.00	753.00	753.60	753.90			
3872757.00	752.60	752.60	753.00	753.00	753.00	753.40
753.60	754.00	754.00	754.00			
3872707.00	753.00	753.30	753.50	754.00	754.00	754.00
754.00	754.00	754.30	755.00			
3872657.00	753.90	754.00	754.00	754.90	754.90	754.90
754.90	754.90	755.00	755.00			
3872607.00	754.00	754.80	755.20	755.60	755.60	755.60
755.00	755.60	755.60	755.70			
3872557.00	755.00	755.60	756.00	756.00	756.00	756.00
756.00	756.00	756.00	756.10			

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*** AERMOD - VERSION 19191 ***   ***
                        ***       09/09/20
*** AERMET - VERSION 14134 ***   ***
                        ***       21:13:29

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*** MODELOPTs:   RegDFault  CONC  ELEV  FLGPOL  RURAL
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*** NETWORK ID: BORON ; NETWORK TYPE: GRIDCART
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\* HILL HEIGHT SCALES IN METERS \*

Y-COORD						X-COORD (METERS)
(METERS)		440407.60	440457.60	440507.60	440557.60	440607.60
440657.60		440707.60	440757.60	440807.60		

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3874057.00	745.20	745.40	745.50	745.50	745.50
745.60	745.80	746.20	746.40		

3874007.00		745.20	745.20	745.20	745.50	745.50
745.50		745.80	746.00	746.20		
3873957.00		745.20	745.20	745.20	745.50	745.50
745.60		745.80	746.00	746.20		
3873907.00		745.20	745.30	745.40	745.50	745.60
745.80		745.90	746.20	746.30		
3873857.00		745.20	745.50	745.50	745.80	745.80
745.90		746.10	746.20	746.50		
3873807.00		745.50	745.70	745.80	746.00	746.10
746.20		746.20	746.30	746.50		
3873757.00		745.60	745.90	746.00	746.20	746.20
746.20		746.40	746.50	746.60		
3873707.00		745.80	746.10	746.20	746.40	746.50
746.70		746.50	746.50	746.80		
3873657.00		746.30	746.30	746.50	746.50	746.70
746.80		746.80	746.80	746.80		
3873607.00		746.50	746.80	746.80	746.80	747.00
747.20		747.20	747.20	747.30		
3873557.00		746.80	746.90	747.10	747.40	747.40
747.70		747.70	747.70	748.00		
3873507.00		747.20	747.30	747.60	747.70	747.90
748.00		748.20	748.20	748.50		
3873457.00		747.40	747.80	748.10	748.10	748.40
748.40		748.60	748.70	748.90		
3873407.00		747.90	748.30	748.60	748.60	748.80
748.90		748.90	749.20	749.30		
3873357.00		748.50	748.80	749.10	749.10	749.20
749.20		749.40	749.60	749.70		
3873307.00		749.30	749.30	749.60	749.60	749.60
749.60		749.80	749.90	750.10		
3873257.00		749.80	749.80	749.90	750.10	750.10
750.10		750.10	750.40	750.50		
3873207.00		750.00	750.00	750.00	750.00	750.60
751.00		751.00	751.00	751.00		
3873157.00		750.00	750.20	750.50	751.00	751.00
751.00		751.00	751.00	751.00		
3873107.00		750.90	751.00	751.00	751.00	751.00
751.00		751.00	751.00	751.00		
3873057.00		751.00	751.00	751.60	751.60	751.60
751.60		751.60	751.60	752.00		
3873007.00		751.90	752.00	752.00	752.00	752.00
752.00		752.00	752.00	752.10		
3872957.00		752.00	752.00	752.00	752.00	752.00
752.00		752.90	752.90	753.00		
3872907.00		752.60	752.80	753.00	753.00	753.00
753.00		753.00	753.00	753.60		
3872857.00		753.00	753.30	753.30	753.30	753.70
754.00		754.00	754.00	754.00		
3872807.00		753.90	754.00	754.00	754.00	754.00
754.00		754.00	754.00	754.20		



3872757.00		754.00	754.60	754.60	754.60	754.60
755.00		755.00	755.00	755.00		
3872707.00		755.00	755.30	755.30	755.30	755.30
755.30		755.30	755.70	756.00		
3872657.00		755.90	756.00	756.00	756.00	756.00
756.00		756.00	756.00	756.00		
3872607.00		756.00	756.40	756.60	756.60	756.60
756.60		756.60	756.60	757.00		
3872557.00		756.30	757.00	757.10	757.30	757.30
757.30		757.30	757.30	757.50		

\*\*\* AERMOD - VERSION 19191 \*\*\*  
 \*\*\*  
 09/09/20

\*\*\* AERMET - VERSION 14134 \*\*\*  
 \*\*\*  
 21:13:29

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\*\*\* NETWORK ID: BORON ; NETWORK TYPE: GRIDCART

\*\*\*

\* HILL HEIGHT SCALES IN METERS \*

Y-COORD					X-COORD (METERS)	
(METERS)		440857.60	440907.60	440957.60	441007.60	441057.60
441107.60		441157.60	441207.60	441257.60		

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3874057.00		746.80	746.80	747.00	747.00	747.20
747.80		748.30	748.70	749.00		
3874007.00		746.50	746.80	746.50	746.80	747.00
747.50		748.00	748.50	748.70		
3873957.00		746.50	746.50	746.50	746.70	746.90
747.40		748.00	748.30	748.60		
3873907.00		746.50	746.80	746.80	746.80	747.00
747.40		748.00	748.30	748.60		
3873857.00		746.70	746.90	747.00	747.10	747.40
747.70		748.00	748.30	748.60		
3873807.00		746.60	746.80	747.10	747.40	747.70
748.00		748.30	748.50	748.60		
3873757.00		746.80	746.80	747.20	747.70	748.00
748.10		748.40	748.60	748.70		
3873707.00		747.00	747.40	747.70	748.00	748.30
748.60		748.60	748.80	748.90		
3873657.00		747.20	747.70	748.00	748.30	748.50
748.80		748.90	749.10	749.20		
3873607.00		747.70	748.20	748.40	748.70	749.00
749.00		749.20	749.30	749.50		
3873557.00		748.20	748.60	749.00	749.20	749.50

749.50	749.50	749.70	749.80			
3873507.00		748.80	749.00	749.20	749.70	749.80
749.80		749.80	750.00	750.20		
3873457.00		749.00	749.20	749.50	749.80	750.00
749.90		750.10	750.40	750.60		
3873407.00		749.50	749.70	749.80	750.10	750.30
750.40		750.40	750.70	751.00		
3873357.00		749.80	749.90	750.10	750.40	750.60
750.90		750.90	751.20	751.50		
3873307.00		750.20	750.40	750.50	750.80	750.90
751.20		751.40	751.70	751.80		
3873257.00		750.70	750.90	751.00	751.00	751.20
751.40		751.60	751.80	752.20		
3873207.00		751.00	751.00	751.00	751.00	751.80
752.00		752.00	752.00	752.70		
3873157.00		751.00	751.00	751.50	752.00	752.00
752.00		752.00	752.00	753.00		
3873107.00		751.90	751.90	752.00	752.00	752.00
752.00		752.00	752.90	753.00		
3873057.00		752.00	752.00	752.00	752.60	752.60
752.60		753.00	753.00	753.60		
3873007.00		752.30	752.70	753.00	753.00	753.20
753.30		753.30	754.00	754.00		
3872957.00		753.00	753.00	753.20	753.90	754.00
754.00		754.00	754.00	754.20		
3872907.00		753.60	754.00	754.00	754.00	754.00
754.60		754.60	755.00	755.00		
3872857.00		754.00	754.20	754.30	754.90	755.00
755.10		755.30	755.30	755.30		
3872807.00		754.90	755.00	755.00	755.00	755.60
756.00		756.00	756.00	756.00		
3872757.00		755.00	755.40	755.70	756.00	756.00
756.00		756.00	756.60	756.60		
3872707.00		756.00	756.00	756.00	756.30	756.30
757.00		757.00	757.00	757.10		
3872657.00		756.00	756.00	756.90	757.00	757.00
757.00		757.90	757.90	758.00		
3872607.00		757.00	757.00	757.20	757.60	757.80
758.00		758.00	758.00	758.00		
3872557.00		758.00	758.00	758.00	758.00	758.00
758.10		758.30	759.00	759.00		

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^ *** AERMOD - VERSION 19191 *** ***
      ***                09/09/20
*** AERMET - VERSION 14134 *** ***
      ***                21:13:29

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* NETWORK ID: BORON ; NETWORK TYPE: GRIDCART

\*\*\*

\* HILL HEIGHT SCALES IN METERS \*

Y-COORD (METERS)	441307.60	441357.60	441407.60	X-COORD (METERS) 441457.60
3874057.00	749.10	749.20	749.40	749.70
3874007.00	748.90	749.10	749.20	749.20
3873957.00	748.70	748.90	749.10	749.20
3873907.00	748.60	748.90	749.00	749.20
3873857.00	748.90	748.90	749.00	749.20
3873807.00	748.90	748.90	749.10	749.20
3873757.00	748.90	749.10	749.20	749.20
3873707.00	749.20	749.20	749.20	749.50
3873657.00	749.40	749.40	749.50	749.50
3873607.00	749.60	749.80	749.90	749.90
3873557.00	750.10	750.10	750.40	750.40
3873507.00	750.30	750.60	750.60	750.90
3873457.00	750.80	751.10	751.10	751.20
3873407.00	751.30	751.60	751.70	751.90
3873357.00	751.80	752.20	752.40	752.40
3873307.00	752.30	752.70	752.90	752.90
3873257.00	752.50	752.80	752.90	753.20
3873207.00	753.00	753.40	753.70	754.00
3873157.00	753.00	753.60	754.00	754.30
3873107.00	753.00	754.00	754.20	755.00
3873057.00	754.00	754.00	754.70	755.00
3873007.00	754.00	754.70	755.10	755.90
3872957.00	754.90	755.00	756.00	756.00
3872907.00	755.00	755.40	756.00	756.00
3872857.00	755.90	756.00	756.00	756.30
3872807.00	756.00	756.00	756.90	757.00
3872757.00	756.60	757.00	757.60	758.00
3872707.00	757.30	757.70	758.00	758.30
3872657.00	758.00	758.00	758.20	759.00
3872607.00	758.60	758.60	759.00	759.60
3872557.00	759.00	759.20	759.50	760.00

\*\*\* AERMOD - VERSION 19191 \*\*\*  
 \*\*\* 09/09/20

\*\*\* AERMET - VERSION 14134 \*\*\*  
 \*\*\* 21:13:29

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* NETWORK ID: BORON ; NETWORK TYPE: GRIDCART

\*\*\*







```

3872557.00 |      1.20      1.20      1.20      1.20      1.20
  1.20      1.20      1.20      1.20
*** AERMOD - VERSION 19191 *** ***
***          ***          09/09/20
*** AERMET - VERSION 14134 *** ***
***          ***          21:13:29

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*** MODELOPTs:   RegDFault  CONC  ELEV  FLGPOL  RURAL

```

```

*** NETWORK ID: BORON      ; NETWORK TYPE: GRIDCART

```

\*\*\*

\* RECEPTOR FLAGPOLE HEIGHTS IN METERS \*

```

      Y-COORD |                                     X-COORD (METERS)
      (METERS) |      440857.60    440907.60    440957.60    441007.60    441057.60
441107.60 | 441157.60    441207.60    441257.60
-----

```

```

3874057.00 |      1.20      1.20      1.20      1.20      1.20
  1.20      1.20      1.20      1.20
3874007.00 |      1.20      1.20      1.20      1.20      1.20
  1.20      1.20      1.20      1.20
3873957.00 |      1.20      1.20      1.20      1.20      1.20
  1.20      1.20      1.20      1.20
3873907.00 |      1.20      1.20      1.20      1.20      1.20
  1.20      1.20      1.20      1.20
3873857.00 |      1.20      1.20      1.20      1.20      1.20
  1.20      1.20      1.20      1.20
3873807.00 |      1.20      1.20      1.20      1.20      1.20
  1.20      1.20      1.20      1.20
3873757.00 |      1.20      1.20      1.20      1.20      1.20
  1.20      1.20      1.20      1.20
3873707.00 |      1.20      1.20      1.20      1.20      1.20
  1.20      1.20      1.20      1.20
3873657.00 |      1.20      1.20      1.20      1.20      1.20
  1.20      1.20      1.20      1.20
3873607.00 |      1.20      1.20      1.20      1.20      1.20
  1.20      1.20      1.20      1.20
3873557.00 |      1.20      1.20      1.20      1.20      1.20
  1.20      1.20      1.20      1.20
3873507.00 |      1.20      1.20      1.20      1.20      1.20
  1.20      1.20      1.20      1.20
3873457.00 |      1.20      1.20      1.20      1.20      1.20
  1.20      1.20      1.20      1.20
3873407.00 |      1.20      1.20      1.20      1.20      1.20
  1.20      1.20      1.20      1.20
3873357.00 |      1.20      1.20      1.20      1.20      1.20

```

1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20
3873307.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20
3873257.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20
3873207.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20
3873157.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20
3873107.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20
3873057.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20
3873007.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20
3872957.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20
3872907.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20
3872857.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20
3872807.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20
3872757.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20
3872707.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20
3872657.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20
3872607.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20
3872557.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20

\*\*\* AERMOD - VERSION 19191 \*\*\*  
 \*\*\* 09/09/20

\*\*\* AERMET - VERSION 14134 \*\*\*  
 \*\*\* 21:13:29

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* NETWORK ID: BORON ; NETWORK TYPE: GRIDCART

\*\*\*

\* RECEPTOR FLAGPOLE HEIGHTS IN METERS \*

Y-COORD						X-COORD (METERS)
(METERS)		441307.60	441357.60	441407.60	441457.60	

-----



3874057.00	1.20	1.20	1.20	1.20
3874007.00	1.20	1.20	1.20	1.20
3873957.00	1.20	1.20	1.20	1.20
3873907.00	1.20	1.20	1.20	1.20
3873857.00	1.20	1.20	1.20	1.20
3873807.00	1.20	1.20	1.20	1.20
3873757.00	1.20	1.20	1.20	1.20
3873707.00	1.20	1.20	1.20	1.20
3873657.00	1.20	1.20	1.20	1.20
3873607.00	1.20	1.20	1.20	1.20
3873557.00	1.20	1.20	1.20	1.20
3873507.00	1.20	1.20	1.20	1.20
3873457.00	1.20	1.20	1.20	1.20
3873407.00	1.20	1.20	1.20	1.20
3873357.00	1.20	1.20	1.20	1.20
3873307.00	1.20	1.20	1.20	1.20
3873257.00	1.20	1.20	1.20	1.20
3873207.00	1.20	1.20	1.20	1.20
3873157.00	1.20	1.20	1.20	1.20
3873107.00	1.20	1.20	1.20	1.20
3873057.00	1.20	1.20	1.20	1.20
3873007.00	1.20	1.20	1.20	1.20
3872957.00	1.20	1.20	1.20	1.20
3872907.00	1.20	1.20	1.20	1.20
3872857.00	1.20	1.20	1.20	1.20
3872807.00	1.20	1.20	1.20	1.20
3872757.00	1.20	1.20	1.20	1.20
3872707.00	1.20	1.20	1.20	1.20
3872657.00	1.20	1.20	1.20	1.20
3872607.00	1.20	1.20	1.20	1.20
3872557.00	1.20	1.20	1.20	1.20

^ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*\*  
                                   \*\*\*                  09/09/20  
 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*  
                                   \*\*\*                  21:13:29

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\*\*\* MODELOPTs:    RegDEFAULT   CONC   ELEV   FLGPOL   RURAL

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
 (METERS)

( 439914.3, 3872794.0,	752.0,	752.0,	1.2);	( 436262.9,
3873356.0,	732.9,	732.9,	1.2);	
( 435902.6, 3873538.0,	728.5,	728.5,	1.2);	( 435899.3,
3873949.0,	728.5,	728.5,	1.2);	
( 437456.8, 3871498.0,	750.0,	750.0,	1.2);	( 437556.8,
3871496.0,	751.9,	751.9,	1.2);	

( 437656.8, 3871495.0, 753.0, 753.0, 1.2); ( 437756.8,  
3871494.0, 754.0, 754.0, 1.2);  
( 437856.8, 3871492.0, 755.0, 755.0, 1.2); ( 437956.8,  
3871491.0, 756.0, 756.0, 1.2);  
( 438056.8, 3871490.0, 757.0, 757.0, 1.2); ( 438156.8,  
3871488.0, 758.0, 758.0, 1.2);  
( 438256.8, 3871487.0, 759.0, 759.0, 1.2); ( 438356.8,  
3871486.0, 760.0, 760.0, 1.2);  
( 438456.7, 3871484.0, 760.0, 760.0, 1.2); ( 438556.7,  
3871483.0, 761.0, 761.0, 1.2);  
( 438656.7, 3871482.0, 761.6, 761.6, 1.2); ( 438756.7,  
3871480.0, 762.9, 762.9, 1.2);  
( 438856.7, 3871479.0, 764.2, 764.2, 1.2); ( 438956.7,  
3871478.0, 766.6, 766.6, 1.2);  
( 439056.7, 3871476.0, 768.0, 768.0, 1.2); ( 439156.7,  
3871475.0, 768.3, 768.3, 1.2);  
( 439256.7, 3871474.0, 769.0, 769.0, 1.2); ( 439356.7,  
3871472.0, 769.9, 769.9, 1.2);  
( 439456.6, 3871471.0, 770.0, 770.0, 1.2); ( 439556.6,  
3871470.0, 770.0, 770.0, 1.2);  
( 439656.6, 3871468.0, 769.6, 769.6, 1.2); ( 439756.6,  
3871467.0, 768.5, 768.5, 1.2);  
( 439856.6, 3871466.0, 768.0, 768.0, 1.2); ( 439877.7,  
3871465.0, 768.0, 768.0, 1.2);  
( 439879.3, 3871565.0, 767.3, 767.3, 1.2); ( 439880.8,  
3871665.0, 767.4, 767.4, 1.2);  
( 439882.4, 3871765.0, 767.0, 767.0, 1.2); ( 439884.0,  
3871865.0, 765.3, 765.3, 1.2);  
( 439885.6, 3871965.0, 762.0, 762.0, 1.2); ( 439887.1,  
3872065.0, 761.6, 761.6, 1.2);  
( 439888.7, 3872165.0, 760.3, 760.3, 1.2); ( 439890.3,  
3872265.0, 759.0, 759.0, 1.2);  
( 439891.9, 3872365.0, 757.0, 757.0, 1.2); ( 439893.4,  
3872465.0, 756.0, 756.0, 1.2);  
( 439895.0, 3872565.0, 754.0, 754.0, 1.2); ( 439896.6,  
3872665.0, 753.0, 753.0, 1.2);  
( 439898.2, 3872765.0, 752.0, 752.0, 1.2); ( 439899.8,  
3872865.0, 751.0, 751.0, 1.2);  
( 439901.3, 3872965.0, 750.0, 750.0, 1.2); ( 439902.9,  
3873065.0, 749.0, 749.0, 1.2);  
( 439903.7, 3873112.0, 748.0, 748.0, 1.2); ( 439803.7,  
3873113.0, 747.9, 747.9, 1.2);  
( 439703.7, 3873114.0, 747.3, 747.3, 1.2); ( 439603.7,  
3873115.0, 746.7, 746.7, 1.2);  
( 439503.7, 3873116.0, 746.0, 746.0, 1.2); ( 439403.7,  
3873117.0, 745.3, 745.3, 1.2);  
( 439303.7, 3873118.0, 744.6, 744.6, 1.2); ( 439203.7,  
3873120.0, 744.0, 744.0, 1.2);  
( 439103.7, 3873121.0, 743.0, 743.0, 1.2); ( 439003.7,  
3873122.0, 742.0, 742.0, 1.2);

```
( 438903.7, 3873123.0, 742.0, 742.0, 1.2); ( 438803.7,
3873124.0, 742.0, 742.0, 1.2);
( 438703.7, 3873125.0, 742.3, 742.3, 1.2); ( 438603.7,
3873126.0, 743.0, 743.0, 1.2);
( 438503.8, 3873127.0, 743.1, 743.1, 1.2); ( 438403.8,
3873128.0, 743.2, 743.2, 1.2);
( 438303.8, 3873129.0, 743.0, 743.0, 1.2); ( 438203.8,
3873130.0, 743.0, 743.0, 1.2);
( 438103.8, 3873131.0, 743.0, 743.0, 1.2); ( 438003.8,
3873132.0, 743.0, 743.0, 1.2);
( 437903.8, 3873133.0, 743.0, 743.0, 1.2); ( 437803.8,
3873134.0, 743.0, 743.0, 1.2);
( 437703.8, 3873135.0, 743.0, 743.0, 1.2); ( 437603.8,
3873137.0, 742.0, 742.0, 1.2);
( 437503.8, 3873138.0, 742.0, 742.0, 1.2); ( 437449.4,
3873138.0, 742.0, 742.0, 1.2);
( 437449.8, 3873038.0, 742.5, 742.5, 1.2); ( 437450.3,
3872938.0, 743.7, 743.7, 1.2);
( 437450.8, 3872838.0, 744.0, 744.0, 1.2); ( 437451.2,
3872738.0, 745.0, 745.0, 1.2);
( 437451.7, 3872638.0, 745.8, 745.8, 1.2); ( 437452.1,
3872538.0, 746.0, 746.0, 1.2);
( 437452.6, 3872438.0, 747.0, 747.0, 1.2); ( 437453.0,
3872338.0, 747.0, 747.0, 1.2);
( 437453.5, 3872238.0, 748.0, 748.0, 1.2); ( 437453.9,
3872138.0, 748.0, 748.0, 1.2);
( 437454.4, 3872038.0, 748.5, 748.5, 1.2); ( 437454.8,
3871938.0, 749.0, 749.0, 1.2);
( 437455.3, 3871838.0, 749.5, 749.5, 1.2); ( 437455.7,
3871738.0, 750.0, 750.0, 1.2);
( 437456.2, 3871638.0, 750.0, 750.0, 1.2); ( 437456.6,
3871538.0, 750.0, 750.0, 1.2);
```

```
*** AERMOD - VERSION 19191 *** **
*** ** 09/09/20
```

```
*** AERMET - VERSION 14134 *** **
*** ** 21:13:29
```

```
*** MODELOPTs: RegDFault CONC ELEV FLGPOL RURAL
```

```
*** METEOROLOGICAL DAYS SELECTED FOR
```

```
PROCESSING ***
```

```
(1=YES; 0=NO)
```

```
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
```



09 01 01	1 01	-7.2	0.093	-9.000	-9.000	-999.	68.	9.4	0.23	1.50
1.00	1.76	301.	10.0	272.0	2.0					
09 01 01	1 02	-7.2	0.093	-9.000	-9.000	-999.	68.	9.4	0.23	1.50
1.00	1.76	358.	10.0	271.4	2.0					
09 01 01	1 03	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.17	1.50
1.00	0.00	0.	10.0	271.4	2.0					
09 01 01	1 04	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.17	1.50
1.00	0.00	0.	10.0	270.9	2.0					
09 01 01	1 05	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.17	1.50
1.00	0.00	0.	10.0	270.4	2.0					
09 01 01	1 06	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.17	1.50
1.00	0.00	0.	10.0	269.9	2.0					
09 01 01	1 07	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.17	1.50
1.00	0.00	0.	10.0	269.9	2.0					
09 01 01	1 08	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.17	1.50
0.57	0.00	0.	10.0	272.0	2.0					
09 01 01	1 09	22.5	-9.000	-9.000	-9.000	55.	-999.	-99999.0	0.17	1.50
0.33	0.00	0.	10.0	274.2	2.0					
09 01 01	1 10	79.0	-9.000	-9.000	-9.000	129.	-999.	-99999.0	0.17	1.50
0.25	0.00	0.	10.0	277.0	2.0					
09 01 01	1 11	118.9	-9.000	-9.000	-9.000	218.	-999.	-99999.0	0.17	1.50
0.22	0.00	0.	10.0	279.9	2.0					
09 01 01	1 12	138.4	0.200	1.096	0.009	319.	215.	-4.9	0.07	1.50
0.22	1.76	116.	10.0	281.4	2.0					
09 01 01	1 13	137.1	0.194	1.208	0.008	430.	205.	-4.5	0.06	1.50
0.22	1.76	173.	10.0	283.1	2.0					
09 01 01	1 14	115.2	-9.000	-9.000	-9.000	536.	-999.	-99999.0	0.17	1.50
0.23	0.00	0.	10.0	285.4	2.0					
09 01 01	1 15	73.1	-9.000	-9.000	-9.000	625.	-999.	-99999.0	0.17	1.50
0.26	0.00	0.	10.0	286.4	2.0					
09 01 01	1 16	14.8	-9.000	-9.000	-9.000	639.	-999.	-99999.0	0.17	1.50
0.36	0.00	0.	10.0	286.1	2.0					
09 01 01	1 17	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.17	1.50
0.64	0.00	0.	10.0	285.1	2.0					
09 01 01	1 18	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.17	1.50
1.00	0.00	0.	10.0	280.1	2.0					
09 01 01	1 19	-10.7	0.116	-9.000	-9.000	-999.	94.	12.0	0.26	1.50
1.00	2.10	284.	10.0	277.1	2.0					
09 01 01	1 20	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.17	1.50
1.00	0.00	0.	10.0	276.1	2.0					
09 01 01	1 21	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.17	1.50
1.00	0.00	0.	10.0	275.1	2.0					
09 01 01	1 22	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.17	1.50
1.00	0.00	0.	10.0	276.1	2.0					
09 01 01	1 23	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.17	1.50
1.00	0.00	0.	10.0	274.1	2.0					
09 01 01	1 24	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.17	1.50
1.00	0.00	0.	10.0	272.1	2.0					

First hour of profile data

YR	MO	DY	HR	HEIGHT	F	WDIR	WSPD	AMB_TMP	sigmaA	sigmaW	sigmaV
09	01	01	01	10.0	1	301.	1.76	272.1	99.0	-99.00	-99.00

F indicates top of profile (=1) or below (=0)

\*\*\* AERMOD - VERSION 19191 \*\*\* \*\*

\*\*\* 09/09/20

\*\*\* AERMET - VERSION 14134 \*\*\* \*\*

\*\*\* 21:13:29

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION

VALUES FOR SOURCE GROUP: 1002

\*\*\*

INCLUDING SOURCE(S): 1002 ,

\*\*\* NETWORK ID: COURSE ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD (METERS)	X-COORD (METERS)				
	430733.00	431233.00	431733.00	432233.00	432733.00
433233.00	433733.00	434233.00	434733.00		

3879761.00	0.01451	0.01481	0.01815	0.02061	0.02394
0.02771	0.03141	0.03455	0.03848		
3879261.00	0.01389	0.01572	0.01755	0.01976	0.02300
0.02695	0.03146	0.03486	0.03915		
3878761.00	0.01368	0.01508	0.01680	0.01898	0.02198
0.02598	0.03042	0.03504	0.03956		
3878261.00	0.01397	0.01502	0.01653	0.01837	0.02098
0.02475	0.02965	0.03485	0.03990		
3877761.00	0.01426	0.01522	0.01641	0.01808	0.02033
0.02355	0.02836	0.03417	0.03990		
3877261.00	0.01411	0.01530	0.01653	0.01799	0.02001
0.02283	0.02690	0.03280	0.03970		
3876761.00	0.01425	0.01525	0.01651	0.01803	0.01992
0.02238	0.02599	0.03118	0.03834		
3876261.00	0.01561	0.01614	0.01696	0.01818	0.01995
0.02230	0.02536	0.02999	0.03678		
3875761.00	0.01827	0.01843	0.01885	0.01961	0.02070
0.02258	0.02539	0.02903	0.03528		
3875261.00	0.02145	0.02198	0.02245	0.02290	0.02359
0.02455	0.02645	0.02954	0.03428		
3874761.00	0.02192	0.02389	0.02567	0.02715	0.02826

0.02947	0.03068	0.03249	0.03628		
3874261.00		0.01998	0.02228	0.02493	0.02761 0.03057
0.03335	0.03645	0.03957	0.04306		
3873761.00		0.01781	0.02005	0.02269	0.02574 0.02921
0.03309	0.03741	0.04261	0.04900		
3873261.00		0.01866	0.02039	0.02251	0.02530 0.02897
0.03350	0.03903	0.04572	0.05371		
3872761.00		0.02166	0.02334	0.02532	0.02761 0.03068
0.03477	0.04039	0.04825	0.05932		
3872261.00		0.02282	0.02475	0.02701	0.02980 0.03315
0.03722	0.04223	0.04887	0.05787		
3871761.00		0.02221	0.02420	0.02642	0.02882 0.03187
0.03543	0.03971	0.04565	0.05440		
3871261.00		0.01878	0.02004	0.02149	0.02298 0.02500
0.02764	0.03126	0.03697	0.04540		
3870761.00		0.01558	0.01638	0.01756	0.01882 0.02070
0.02348	0.02751	0.03322	0.04105		
3870261.00		0.01253	0.01330	0.01446	0.01634 0.01890
0.02280	0.02753	0.03358	0.04049		
3869761.00		0.01106	0.01257	0.01484	0.01753 0.02079
0.02502	0.02922	0.03318	0.03702		
3869261.00		0.01212	0.01429	0.01686	0.02009 0.02246
0.02525	0.02740	0.02882	0.03128		
3868761.00		0.01417	0.01614	0.01833	0.02026 0.02178
0.02264	0.02327	0.02438	0.02667		
3868261.00		0.01542	0.01690	0.01813	0.01884 0.01904
0.01915	0.01959	0.02116	0.02429		
3867761.00		0.01558	0.01617	0.01638	0.01631 0.01611
0.01617	0.01724	0.01966	0.02281		
3867261.00		0.01446	0.01447	0.01422	0.01381 0.01368
0.01442	0.01630	0.01907	0.02108		
3866761.00		0.01292	0.01261	0.01225	0.01195 0.01234
0.01379	0.01611	0.01823	0.01584		
3866261.00		0.01093	0.01075	0.01053	0.01078 0.01186
0.01380	0.01599	0.01601	0.00983		
3865761.00		0.00925	0.00932	0.00951	0.01033 0.01193
0.01396	0.01508	0.01068	0.00634		
3865261.00		0.00827	0.00840	0.00910	0.01048 0.01225
0.01392	0.01238	0.00770	0.00468		
3864761.00		0.00746	0.00810	0.00926	0.01084 0.01244
0.01304	0.01010	0.00628	0.00453		

\*\*\* AERMOD - VERSION 19191 \*\*\* \*\*  
 \*\*\* \*\*  
 09/09/20

\*\*\* AERMET - VERSION 14134 \*\*\* \*\*  
 \*\*\* \*\*  
 21:13:29

\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION

VALUES FOR SOURCE GROUP: 1002

\*\*\*

INCLUDING SOURCE(S): 1002 ,

\*\*\* NETWORK ID: COURSE ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD (METERS)				X-COORD (METERS)	
	435233.00	435733.00	436233.00	436733.00	437233.00
437733.00	438233.00	438733.00	439233.00		

3879761.00	0.04126	0.04364	0.04726	0.05342	0.05475
0.05284	0.04778	0.04186	0.03433		
3879261.00	0.04325	0.04617	0.04400	0.04473	0.04499
0.05628	0.04913	0.04718	0.03755		
3878761.00	0.04512	0.04802	0.04615	0.05440	0.05493
0.05845	0.05756	0.05267	0.04086		
3878261.00	0.04671	0.05263	0.05172	0.06500	0.06733
0.06710	0.06464	0.06095	0.04865		
3877761.00	0.04626	0.05406	0.06039	0.06043	0.06419
0.06582	0.07290	0.06941	0.05662		
3877261.00	0.04666	0.05550	0.06398	0.07381	0.08330
0.08661	0.08277	0.07855	0.06615		
3876761.00	0.04640	0.05618	0.06751	0.07932	0.09463
0.09718	0.09484	0.09013	0.07685		
3876261.00	0.04590	0.05646	0.07011	0.08450	0.10459
0.10882	0.10950	0.10486	0.08482		
3875761.00	0.04439	0.05632	0.07162	0.09051	0.11515
0.12422	0.13137	0.12335	0.08882		
3875261.00	0.04272	0.05557	0.07339	0.09664	0.12882
0.14563	0.15840	0.14947	0.11487		
3874761.00	0.04279	0.05466	0.07417	0.10305	0.14503
0.17445	0.19798	0.20166	0.13694		
3874261.00	0.04835	0.05824	0.07646	0.11098	0.16910
0.22208	0.25722	0.28643	0.26067		
3873761.00	0.05730	0.06896	0.08813	0.12769	0.21683
0.33183	0.40892	0.45813	0.46471		
3873261.00	0.06436	0.07937	0.10468	0.15935	0.32318
0.89482	1.11753	1.17480	1.16031		
3872761.00	0.07493	0.09745	0.13296	0.20733	0.49677
3.02089	3.50711	3.55201	3.60768		
3872261.00	0.07162	0.09442	0.13561	0.22015	0.51590
3.34771	4.00046	3.62433	2.99489		
3871761.00	0.06797	0.09013	0.12728	0.20213	0.43655
3.34749	2.36178	2.02897	1.78771		
3871261.00	0.05782	0.07540	0.10146	0.14845	0.22932



0.33230	0.32893	0.34069	0.25314		
3870761.00	0.05123	0.06547	0.08567	0.10961	0.11730
0.13853	0.11330	0.11007	0.11542		
3870261.00	0.04847	0.05799	0.06946	0.07978	0.08277
0.08579	0.07406	0.05830	0.05716		
3869761.00	0.04162	0.04812	0.05490	0.05604	0.05431
0.04114	0.03758	0.03897	0.03825		
3869261.00	0.03505	0.04016	0.04265	0.03804	0.03038
0.01990	0.01783	0.02658	0.02527		
3868761.00	0.03068	0.03401	0.03222	0.02405	0.01870
0.01591	0.01399	0.01712	0.01753		
3868261.00	0.02759	0.02671	0.02097	0.01491	0.01174
0.00932	0.00872	0.01147	0.01272		
3867761.00	0.02403	0.01764	0.01230	0.00983	0.00821
0.00686	0.00760	0.00940	0.00992		
3867261.00	0.01800	0.01201	0.00866	0.00737	0.00607
0.00596	0.00666	0.00808	0.00779		
3866761.00	0.01011	0.00730	0.00596	0.00573	0.00527
0.00602	0.00672	0.00689	0.00640		
3866261.00	0.00702	0.00544	0.00482	0.00515	0.00526
0.00544	0.00600	0.00588	0.00544		
3865761.00	0.00475	0.00441	0.00452	0.00483	0.00497
0.00505	0.00529	0.00497	0.00474		
3865261.00	0.00423	0.00408	0.00437	0.00466	0.00481
0.00500	0.00508	0.00465	0.00424		
3864761.00	0.00392	0.00393	0.00429	0.00437	0.00466
0.00485	0.00483	0.00431	0.00397		

\*\*\* AERMOD - VERSION 19191 \*\*\*  
 \*\*\* 09/09/20  
 \*\*\* AERMET - VERSION 14134 \*\*\*  
 \*\*\* 21:13:29

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1002 \*\*\*

INCLUDING SOURCE(S): 1002 ,

\*\*\* NETWORK ID: COURSE ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD (METERS)				X-COORD (METERS)	
	439733.00	440233.00	440733.00	441233.00	441733.00
442233.00	442733.00	443233.00	443733.00		

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3879761.00		0.02786	0.02312	0.02035	0.01725	0.01566
0.01348		0.01119	0.01007	0.01175		
3879261.00		0.03048	0.02519	0.02238	0.01911	0.01769
0.01506		0.01264	0.01308	0.01331		
3878761.00		0.03439	0.02899	0.02583	0.02248	0.02054
0.01801		0.01488	0.01383	0.01510		
3878261.00		0.03942	0.03431	0.03048	0.02591	0.02371
0.02175		0.01927	0.01665	0.01696		
3877761.00		0.04520	0.03811	0.03177	0.03040	0.02930
0.02629		0.02322	0.02057	0.01952		
3877261.00		0.05177	0.04720	0.04014	0.03678	0.03559
0.03279		0.02886	0.02537	0.02341		
3876761.00		0.05923	0.04888	0.04860	0.04572	0.04279
0.03909		0.03477	0.03116	0.02850		
3876261.00		0.06595	0.06601	0.05924	0.05109	0.04168
0.04344		0.04162	0.03745	0.03435		
3875761.00		0.08787	0.08419	0.07202	0.04613	0.04399
0.05039		0.04995	0.04440	0.03977		
3875261.00		0.09031	0.10639	0.09341	0.08358	0.07226
0.06503		0.05726	0.04875	0.04029		
3874761.00		0.10421	0.14163	0.12430	0.10891	0.09034
0.07415		0.05948	0.04685	0.03599		
3874261.00		0.23889	0.19733	0.16509	0.13137	0.09974
0.07432		0.05524	0.04103	0.03084		
3873761.00		0.39280	0.29287	0.21172	0.14387	0.09797
0.06852		0.04889	0.03639	0.02850		
3873261.00		0.98812	0.46282	0.24430	0.14669	0.09552
0.06542		0.04782	0.03754	0.03108		
3872761.00		3.67957	0.58937	0.26373	0.15061	0.09708
0.06953		0.05399	0.04380	0.03643		
3872261.00		2.34418	0.52116	0.23885	0.13957	0.09392
0.06862		0.05445	0.04433	0.03690		
3871761.00		1.56891	0.33810	0.18310	0.12429	0.08850
0.06452		0.04898	0.03963	0.03316		
3871261.00		0.20592	0.14628	0.11233	0.08735	0.06978
0.05303		0.04006	0.03183	0.02665		
3870761.00		0.09067	0.06688	0.06286	0.05756	0.04461
0.04204		0.03364	0.02554	0.02195		
3870261.00		0.06497	0.03795	0.03642	0.03501	0.02930
0.02220		0.02202	0.02175	0.01928		
3869761.00		0.03545	0.03138	0.02140	0.01855	0.01759
0.01681		0.01291	0.01595	0.01442		
3869261.00		0.02363	0.02170	0.01552	0.01155	0.01002
0.00985		0.01042	0.01167	0.01050		
3868761.00		0.01674	0.01654	0.01354	0.00903	0.00668
0.00670		0.00713	0.00824	0.00800		
3868261.00		0.01273	0.01321	0.01115	0.00977	0.00773
0.00620		0.00584	0.00662	0.00732		
3867761.00		0.00941	0.01015	0.00886	0.00805	0.00772

0.00707	0.00618	0.00538	0.00632		
3867261.00	0.00745	0.00788	0.00719	0.00660	0.00623
0.00628	0.00596	0.00563	0.00508		
3866761.00	0.00604	0.00574	0.00548	0.00523	0.00503
0.00507	0.00514	0.00482	0.00457		
3866261.00	0.00493	0.00439	0.00421	0.00428	0.00418
0.00415	0.00432	0.00418	0.00414		
3865761.00	0.00437	0.00390	0.00350	0.00356	0.00350
0.00344	0.00362	0.00360	0.00355		
3865261.00	0.00399	0.00360	0.00319	0.00308	0.00309
0.00306	0.00302	0.00318	0.00315		
3864761.00	0.00376	0.00339	0.00302	0.00280	0.00279
0.00276	0.00270	0.00281	0.00285		

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*** AERMOD - VERSION 19191 ***
***                               09/09/20
*** AERMET - VERSION 14134 ***
***                               21:13:29

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\*\*\* MODELOPTs: RegDFault CONC ELEV FLGPOL RURAL

\*\*\* THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: 1002 \*\*\*

INCLUDING SOURCE(S): 1002 ,

\*\*\* NETWORK ID: COURSE ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD					X-COORD (METERS)
(METERS)		444233.00	444733.00	445233.00	445733.00

3879761.00		0.01106	0.01125	0.01128	0.01140
3879261.00		0.01261	0.01264	0.01272	0.01260
3878761.00		0.01440	0.01424	0.01408	0.01413
3878261.00		0.01625	0.01631	0.01609	0.01611
3877761.00		0.01890	0.01906	0.01857	0.01823
3877261.00		0.02239	0.02274	0.02167	0.02049
3876761.00		0.02726	0.02647	0.02407	0.02179
3876261.00		0.03189	0.02923	0.02364	0.02090
3875761.00		0.03439	0.02752	0.02231	0.01857
3875261.00		0.03191	0.02533	0.01987	0.01601
3874761.00		0.02766	0.02166	0.01748	0.01461
3874261.00		0.02396	0.01954	0.01660	0.01456
3873761.00		0.02350	0.02018	0.01776	0.01584
3873261.00		0.02645	0.02297	0.02037	0.01826

3872761.00	0.03105	0.02693	0.02380	0.02128
3872261.00	0.03111	0.02718	0.02464	0.02229
3871761.00	0.02742	0.02458	0.02240	0.02032
3871261.00	0.02238	0.02076	0.01951	0.01797
3870761.00	0.01881	0.01611	0.01500	0.01363
3870261.00	0.01733	0.01527	0.01261	0.01114
3869761.00	0.01515	0.01204	0.00923	0.01005
3869261.00	0.01117	0.01088	0.00897	0.00907
3868761.00	0.00989	0.00882	0.00721	0.00794
3868261.00	0.00789	0.00671	0.00568	0.00506
3867761.00	0.00650	0.00583	0.00457	0.00392
3867261.00	0.00518	0.00510	0.00454	0.00404
3866761.00	0.00441	0.00418	0.00395	0.00379
3866261.00	0.00398	0.00368	0.00329	0.00314
3865761.00	0.00357	0.00336	0.00312	0.00272
3865261.00	0.00314	0.00306	0.00293	0.00271
3864761.00	0.00278	0.00271	0.00261	0.00251

\*\*\* AERMOD - VERSION 19191 \*\*\*  
 \*\*\* 09/09/20  
 \*\*\* AERMET - VERSION 14134 \*\*\*  
 \*\*\* 21:13:29

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

VALUES FOR SOURCE GROUP: 1002  
 \*\*\* THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION  
 \*\*\* INCLUDING SOURCE(S): 1002 ,

\*\*\* NETWORK ID: DESERTL ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD (METERS)	X-COORD (METERS)				
	435850.40	435900.40	435950.40	436000.40	436050.40
436100.40	436150.40	436200.40	436250.40		

3874157.00	0.06445	0.06534	0.06669	0.06830	0.07014
0.07210	0.07419	0.07641	0.07880		
3874107.00	0.06516	0.06641	0.06771	0.06937	0.07110
0.07299	0.07503	0.07731	0.07998		
3874057.00	0.06530	0.06686	0.06862	0.07033	0.07216
0.07405	0.07615	0.07869	0.08156		
3874007.00	0.06641	0.06789	0.06957	0.07128	0.07310
0.07516	0.07734	0.07982	0.08255		
3873957.00	0.06832	0.06903	0.07060	0.07230	0.07412

0.07617	0.07848	0.08101	0.08364		
3873907.00	0.06923	0.07024	0.07181	0.07350	0.07531
0.07741	0.07968	0.08220	0.08485		
3873857.00	0.07003	0.07150	0.07307	0.07477	0.07658
0.07857	0.08097	0.08351	0.08618		
3873807.00	0.07129	0.07278	0.07438	0.07609	0.07792
0.08003	0.08242	0.08493	0.08763		
3873757.00	0.07253	0.07406	0.07569	0.07747	0.07937
0.08156	0.08394	0.08644	0.08922		
3873707.00	0.07370	0.07529	0.07697	0.07888	0.08091
0.08311	0.08550	0.08806	0.09079		
3873657.00	0.07478	0.07643	0.07818	0.08011	0.08233
0.08465	0.08712	0.08970	0.09250		
3873607.00	0.07574	0.07745	0.07927	0.08136	0.08367
0.08617	0.08873	0.09131	0.09416		
3873557.00	0.07657	0.07835	0.08024	0.08249	0.08493
0.08753	0.09030	0.09288	0.09569		
3873507.00	0.07734	0.07917	0.08115	0.08350	0.08611
0.08881	0.09163	0.09444	0.09731		
3873457.00	0.07812	0.07998	0.08216	0.08461	0.08724
0.08996	0.09276	0.09571	0.09876		
3873407.00	0.07916	0.08117	0.08338	0.08583	0.08835
0.09106	0.09397	0.09692	0.10021		
3873357.00	0.08046	0.08253	0.08482	0.08731	0.08981
0.09244	0.09521	0.09842	0.10177		
3873307.00	0.08209	0.08430	0.08664	0.08912	0.09171
0.09422	0.09690	0.10020	0.10365		
3873257.00	0.08423	0.08623	0.08883	0.09107	0.09399
0.09654	0.09928	0.10264	0.10602		
3873207.00	0.08643	0.08869	0.09119	0.09351	0.09647
0.09916	0.10198	0.10557	0.10946		
3873157.00	0.08880	0.09147	0.09376	0.09635	0.09934
0.10214	0.10566	0.10895	0.11293		

\*\*\* AERMOD - VERSION 19191 \*\*\*  
 \*\*\* 09/09/20

\*\*\* AERMET - VERSION 14134 \*\*\*  
 \*\*\* 21:13:29

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1002 \*\*\*

INCLUDING SOURCE(S): 1002 ,

\*\*\* NETWORK ID: DESERTL ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD (METERS)	X-COORD (METERS)				
	436300.40	436350.40	436400.40	436450.40	436500.40
436550.40	436600.40	436650.40	436700.40		

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3874157.00	0.08129	0.08398	0.08701	0.09053	0.09429
0.09791	0.10165	0.10595	0.11035		
3874107.00	0.08269	0.08528	0.08839	0.09172	0.09534
0.09900	0.10283	0.10701	0.11156		
3874057.00	0.08421	0.08685	0.08976	0.09291	0.09638
0.10017	0.10409	0.10834	0.11299		
3874007.00	0.08530	0.08801	0.09093	0.09409	0.09749
0.10122	0.10528	0.10981	0.11450		
3873957.00	0.08635	0.08921	0.09214	0.09539	0.09882
0.10253	0.10670	0.11131	0.11615		
3873907.00	0.08763	0.09060	0.09359	0.09677	0.10027
0.10406	0.10840	0.11299	0.11799		
3873857.00	0.08898	0.09199	0.09506	0.09836	0.10183
0.10583	0.11006	0.11485	0.11991		
3873807.00	0.09056	0.09346	0.09667	0.10001	0.10369
0.10762	0.11190	0.11670	0.12200		
3873757.00	0.09209	0.09507	0.09832	0.10171	0.10542
0.10940	0.11393	0.11868	0.12416		
3873707.00	0.09370	0.09683	0.10001	0.10362	0.10733
0.11143	0.11596	0.12086	0.12637		
3873657.00	0.09538	0.09857	0.10181	0.10547	0.10930
0.11352	0.11813	0.12311	0.12857		
3873607.00	0.09724	0.10042	0.10387	0.10743	0.11153
0.11590	0.12067	0.12551	0.13108		
3873557.00	0.09890	0.10219	0.10577	0.10965	0.11367
0.11816	0.12302	0.12819	0.13371		
3873507.00	0.10038	0.10400	0.10774	0.11179	0.11606
0.12064	0.12552	0.13099	0.13690		
3873457.00	0.10207	0.10579	0.10958	0.11384	0.11824
0.12305	0.12806	0.13375	0.13996		
3873407.00	0.10369	0.10737	0.11138	0.11575	0.12038
0.12527	0.13054	0.13668	0.14330		
3873357.00	0.10525	0.10914	0.11327	0.11765	0.12245
0.12764	0.13334	0.13972	0.14680		
3873307.00	0.10737	0.11120	0.11534	0.11989	0.12491
0.13019	0.13627	0.14303	0.15045		
3873257.00	0.11016	0.11392	0.11830	0.12322	0.12805
0.13420	0.13997	0.14698	0.15471		
3873207.00	0.11317	0.11734	0.12202	0.12661	0.13240
0.13795	0.14452	0.15151	0.15967		
3873157.00	0.11663	0.12144	0.12590	0.13149	0.13672
0.14283	0.14973	0.15685	0.16543		

▲ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*\*

\*\*\* 09/09/20  
\*\*\* AERMET - VERSION 14134 \*\*\*  
\*\*\* 21:13:29

PAGE 50  
\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: 1002 \*\*\*  
INCLUDING SOURCE(S): 1002 ,

\*\*\* NETWORK ID: DESERTL ; NETWORK TYPE:  
GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3  
\*\*

Y-COORD (METERS)	436750.40	436800.40	436850.40	X-COORD (METERS)
3874157.00	0.11514	0.11982	0.12485	
3874107.00	0.11637	0.12137	0.12669	
3874057.00	0.11794	0.12310	0.12855	
3874007.00	0.11951	0.12489	0.13060	
3873957.00	0.12127	0.12682	0.13273	
3873907.00	0.12325	0.12896	0.13493	
3873857.00	0.12544	0.13118	0.13743	
3873807.00	0.12754	0.13361	0.13999	
3873757.00	0.12998	0.13608	0.14278	
3873707.00	0.13217	0.13876	0.14561	
3873657.00	0.13449	0.14125	0.14848	
3873607.00	0.13722	0.14398	0.15152	
3873557.00	0.14015	0.14728	0.15486	
3873507.00	0.14334	0.15056	0.15858	
3873457.00	0.14690	0.15446	0.16275	
3873407.00	0.15077	0.15869	0.16712	
3873357.00	0.15470	0.16309	0.17202	
3873307.00	0.15867	0.16707	0.17641	
3873257.00	0.16317	0.17184	0.18155	
3873207.00	0.16798	0.17700	0.18714	
3873157.00	0.17391	0.18340	0.19409	

▲ \*\*\* AERMOD - VERSION 19191 \*\*\*  
\*\*\* 09/09/20  
\*\*\* AERMET - VERSION 14134 \*\*\*  
\*\*\* 21:13:29

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

VALUES FOR SOURCE GROUP: 1002 \*\*\* THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION \*\*\*

INCLUDING SOURCE(S): 1002 ,

\*\*\* NETWORK ID: BORON ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD (METERS)					X-COORD (METERS)	
	439957.60	440007.60	440057.60	440107.60	440157.60	
440207.60	440257.60	440307.60	440357.60			

-----

3874057.00		0.25634	0.25181	0.24720	0.24225	0.23710
0.23200		0.22700	0.22220	0.21762		
3874007.00		0.26766	0.26265	0.25780	0.25233	0.24663
0.24091		0.23591	0.23074	0.22563		
3873957.00		0.28026	0.27470	0.26928	0.26323	0.25705
0.25097		0.24535	0.23970	0.23418		
3873907.00		0.29384	0.28785	0.28168	0.27512	0.26832
0.26169		0.25537	0.24927	0.24319		
3873857.00		0.30886	0.30193	0.29509	0.28787	0.28045
0.27313		0.26621	0.25931	0.25269		
3873807.00		0.32483	0.31738	0.30956	0.30150	0.29332
0.28529		0.27754	0.27003	0.26256		
3873757.00		0.34276	0.33419	0.32534	0.31622	0.30717
0.29832		0.28980	0.28132	0.27292		
3873707.00		0.36220	0.35257	0.34241	0.33218	0.32214
0.31239		0.30282	0.29318	0.28377		
3873657.00		0.38383	0.37278	0.36108	0.34959	0.33837
0.32742		0.31657	0.30583	0.29504		
3873607.00		0.40792	0.39489	0.38190	0.36866	0.35610
0.34354		0.33112	0.31886	0.30664		
3873557.00		0.43453	0.41971	0.40473	0.38967	0.37528
0.36080		0.34649	0.33255	0.31867		
3873507.00		0.46529	0.44783	0.43039	0.41323	0.39623
0.37940		0.36270	0.34647	0.33083		
3873457.00		0.50072	0.47985	0.45916	0.43900	0.41894
0.39898		0.37944	0.36074	0.34293		
3873407.00		0.54218	0.51679	0.49218	0.46764	0.44330
0.41965		0.39691	0.37512	0.35471		
3873357.00		0.59157	0.56015	0.52950	0.49913	0.46934
0.44089		0.41428	0.38931	0.36617		
3873307.00		0.65238	0.61183	0.57189	0.53313	0.49637
0.46234		0.43105	0.40281	0.37701		
3873257.00		0.72984	0.67347	0.61930	0.56903	0.52332



0.48288	0.44722	0.41575	0.38722		
3873207.00		0.83512	0.74834	0.67056	0.60483 0.55007
0.50348	0.46326	0.42850	0.39801		
3873157.00		0.97572	0.82656	0.71979	0.63998 0.57619
0.52323	0.47953	0.44211	0.40956		
3873107.00		1.12627	0.90285	0.76886	0.67461 0.60233
0.54429	0.49664	0.45626	0.42126		
3873057.00		1.23345	0.96464	0.81127	0.70559 0.62626
0.56384	0.51205	0.46885	0.43179		
3873007.00		1.28528	1.00662	0.84301	0.73041 0.64614
0.57963	0.52514	0.47999	0.44110		
3872957.00		1.31790	1.03653	0.86809	0.74952 0.66164
0.59254	0.53629	0.48836	0.44826		
3872907.00		1.33112	1.05248	0.88440	0.76569 0.67445
0.60301	0.54448	0.49596	0.45442		
3872857.00		1.34198	1.06471	0.89403	0.77533 0.68457
0.61184	0.55201	0.50129	0.45890		
3872807.00		1.34351	1.07009	0.90305	0.78398 0.69057
0.61752	0.55738	0.50587	0.46019		
3872757.00		1.34159	1.07229	0.90478	0.78676 0.69484
0.62149	0.55715	0.50673	0.46329		
3872707.00		1.33871	1.07081	0.90585	0.77959 0.69113
0.61960	0.56008	0.50857	0.46303		
3872657.00		1.30467	1.05271	0.89481	0.77417 0.68733
0.61688	0.55806	0.50760	0.46422		
3872607.00		1.29988	1.04040	0.88189	0.76784 0.68249
0.61639	0.55502	0.50540	0.46203		
3872557.00		1.27208	1.02524	0.87031	0.76229 0.67800
0.60940	0.55188	0.50265	0.45954		

\*\*\* AERMOD - VERSION 19191 \*\*\* \*\*  
 \*\*\* \*\* 09/09/20  
 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*  
 \*\*\* \*\* 21:13:29

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1002 \*\*\*

INCLUDING SOURCE(S): 1002 ,

\*\*\* NETWORK ID: BORON ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD (METERS)		X-COORD (METERS)	
440657.60	440707.60	440407.60	440507.60
	440757.60	440457.60	440557.60
	440807.60	440507.60	440607.60

3874057.00	0.21307	0.20866	0.20421	0.19968	0.19511
0.19054	0.18596	0.18142	0.17684		
3874007.00	0.22079	0.21585	0.21088	0.20599	0.20096
0.19591	0.19095	0.18596	0.18098		
3873957.00	0.22884	0.22336	0.21787	0.21245	0.20692
0.20142	0.19597	0.19054	0.18514		
3873907.00	0.23722	0.23118	0.22512	0.21906	0.21301
0.20701	0.20103	0.19515	0.18926		
3873857.00	0.24592	0.23929	0.23252	0.22590	0.21921
0.21261	0.20611	0.19964	0.19329		
3873807.00	0.25510	0.24764	0.24018	0.23281	0.22549
0.21826	0.21109	0.20405	0.19712		
3873757.00	0.26450	0.25623	0.24794	0.23980	0.23171
0.22375	0.21598	0.20830	0.20075		
3873707.00	0.27426	0.26502	0.25582	0.24682	0.23794
0.22926	0.22064	0.21225	0.20411		
3873657.00	0.28445	0.27397	0.26378	0.25374	0.24399
0.23442	0.22507	0.21595	0.20710		
3873607.00	0.29472	0.28312	0.27169	0.26057	0.24981
0.23935	0.22916	0.21932	0.20985		
3873557.00	0.30517	0.29207	0.27941	0.26718	0.25528
0.24390	0.23290	0.22236	0.21234		
3873507.00	0.31562	0.30092	0.28684	0.27329	0.26036
0.24802	0.23629	0.22513	0.21456		
3873457.00	0.32572	0.30938	0.29380	0.27898	0.26505
0.25185	0.23943	0.22770	0.21664		
3873407.00	0.33546	0.31732	0.30030	0.28434	0.26945
0.25549	0.24242	0.23017	0.21867		
3873357.00	0.34468	0.32483	0.30646	0.28947	0.27371
0.25907	0.24538	0.23258	0.22065		
3873307.00	0.35349	0.33210	0.31240	0.29447	0.27794
0.26265	0.24838	0.23516	0.22280		
3873257.00	0.36200	0.33925	0.31856	0.29962	0.28233
0.26640	0.25167	0.23790	0.22518		
3873207.00	0.37109	0.34698	0.32522	0.30543	0.28707
0.27030	0.25500	0.24087	0.22777		
3873157.00	0.38087	0.35520	0.33208	0.31106	0.29215
0.27484	0.25892	0.24426	0.23072		
3873107.00	0.39026	0.36321	0.33907	0.31728	0.29750
0.27944	0.26289	0.24770	0.23371		
3873057.00	0.39963	0.37125	0.34557	0.32284	0.30225
0.28351	0.26639	0.25072	0.23619		
3873007.00	0.40707	0.37749	0.35124	0.32767	0.30638
0.28705	0.26944	0.25335	0.23858		
3872957.00	0.41357	0.38307	0.35597	0.33169	0.30980
0.28996	0.27154	0.25514	0.24012		
3872907.00	0.41831	0.38682	0.35891	0.33409	0.31175

0.29156	0.27324	0.25657	0.24114		
3872857.00	0.42222	0.38982	0.36140	0.33604	0.31304
0.29170	0.27327	0.25654	0.24130		
3872807.00	0.42308	0.39036	0.36156	0.33589	0.31290
0.29223	0.27359	0.25670	0.24120		
3872757.00	0.42549	0.39122	0.36199	0.33595	0.31264
0.29128	0.27252	0.25557	0.24019		
3872707.00	0.42513	0.39108	0.36158	0.33532	0.31184
0.29079	0.27184	0.25432	0.23857		
3872657.00	0.42370	0.39008	0.36046	0.33409	0.31055
0.28946	0.27047	0.25331	0.23775		
3872607.00	0.42338	0.38894	0.35886	0.33249	0.30895
0.28786	0.26889	0.25174	0.23573		
3872557.00	0.42142	0.38626	0.35672	0.33009	0.30670
0.28569	0.26679	0.24974	0.23402		

\*\*\* AERMOD - VERSION 19191 \*\*\* \*\*  
 \*\*\* \*\* 09/09/20

\*\*\* AERMET - VERSION 14134 \*\*\* \*\*  
 \*\*\* \*\* 21:13:29

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\*\*\* MODELOPTs: RegDFault CONC ELEV FLGPOL RURAL

\*\*\* THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1002 \*\*\*

INCLUDING SOURCE(S): 1002 ,

\*\*\* NETWORK ID: BORON ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD (METERS)	X-COORD (METERS)			
441107.60	440857.60	440907.60	440957.60	441007.60 441057.60
441157.60	441207.60	441257.60		

3874057.00	0.17229	0.16769	0.16314	0.15858	0.15408
0.14965	0.14524	0.14086	0.13654		
3874007.00	0.17605	0.17114	0.16615	0.16130	0.15647
0.15172	0.14701	0.14237	0.13779		
3873957.00	0.17980	0.17444	0.16912	0.16388	0.15870
0.15362	0.14861	0.14367	0.13883		
3873907.00	0.18345	0.17770	0.17197	0.16630	0.16075
0.15531	0.14998	0.14476	0.13967		
3873857.00	0.18699	0.18076	0.17459	0.16852	0.16259
0.15679	0.15113	0.14563	0.14032		
3873807.00	0.19027	0.18354	0.17695	0.17048	0.16417

0.15802	0.15207	0.14632	0.14078		
3873757.00		0.19335	0.18607	0.17902	0.17217 0.16549
0.15902	0.15280	0.14683	0.14111		
3873707.00		0.19613	0.18839	0.18087	0.17359 0.16657
0.15984	0.15337	0.14721	0.14133		
3873657.00		0.19859	0.19037	0.18242	0.17478 0.16747
0.16049	0.15382	0.14748	0.14146		
3873607.00		0.20080	0.19211	0.18377	0.17581 0.16823
0.16102	0.15418	0.14770	0.14152		
3873557.00		0.20276	0.19364	0.18496	0.17670 0.16885
0.16145	0.15446	0.14782	0.14156		
3873507.00		0.20454	0.19503	0.18604	0.17745 0.16942
0.16187	0.15474	0.14799	0.14162		
3873457.00		0.20620	0.19637	0.18706	0.17828 0.17004
0.16236	0.15507	0.14819	0.14173		
3873407.00		0.20782	0.19763	0.18811	0.17912 0.17072
0.16286	0.15549	0.14852	0.14195		
3873357.00		0.20950	0.19906	0.18927	0.18010 0.17153
0.16349	0.15601	0.14893	0.14229		
3873307.00		0.21132	0.20058	0.19059	0.18122 0.17251
0.16433	0.15669	0.14951	0.14280		
3873257.00		0.21333	0.20231	0.19209	0.18259 0.17368
0.16537	0.15759	0.15031	0.14345		
3873207.00		0.21564	0.20438	0.19392	0.18420 0.17496
0.16648	0.15861	0.15124	0.14421		
3873157.00		0.21821	0.20663	0.19577	0.18569 0.17645
0.16785	0.15982	0.15231	0.14511		
3873107.00		0.22054	0.20866	0.19765	0.18748 0.17803
0.16925	0.16106	0.15325	0.14610		
3873057.00		0.22298	0.21080	0.19957	0.18902 0.17939
0.17045	0.16204	0.15429	0.14694		
3873007.00		0.22500	0.21246	0.20093	0.19037 0.18054
0.17144	0.16300	0.15495	0.14764		
3872957.00		0.22639	0.21379	0.20212	0.19122 0.18131
0.17217	0.16367	0.15576	0.14832		
3872907.00		0.22725	0.21426	0.20261	0.19185 0.18191
0.17249	0.16396	0.15589	0.14849		
3872857.00		0.22737	0.21450	0.20272	0.19163 0.18163
0.17237	0.16375	0.15580	0.14840		
3872807.00		0.22674	0.21389	0.20215	0.19134 0.18106
0.17165	0.16312	0.15519	0.14781		
3872757.00		0.22617	0.21307	0.20114	0.19017 0.18023
0.17104	0.16251	0.15431	0.14696		
3872707.00		0.22455	0.21175	0.20004	0.18907 0.17917
0.16959	0.16113	0.15329	0.14595		
3872657.00		0.22360	0.21072	0.19824	0.18744 0.17758
0.16849	0.15952	0.15178	0.14455		
3872607.00		0.22162	0.20876	0.19683	0.18574 0.17575
0.16657	0.15826	0.15059	0.14350		
3872557.00		0.21939	0.20662	0.19493	0.18420 0.17437

0.16527 0.15684 0.14877 0.14179

\*\*\* AERMOD - VERSION 19191 \*\*\* \*\*

\*\*\* 09/09/20

\*\*\* AERMET - VERSION 14134 \*\*\* \*\*

\*\*\* 21:13:29

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: 1002 \*\*\*

INCLUDING SOURCE(S): 1002 ,

\*\*\* NETWORK ID: BORON ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD (METERS)	441307.60	441357.60	441407.60	X-COORD (METERS) 441457.60
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3874057.00	0.13229	0.12812	0.12404	0.12005
3874007.00	0.13330	0.12892	0.12465	0.12052
3873957.00	0.13411	0.12952	0.12508	0.12079
3873907.00	0.13473	0.12996	0.12535	0.12091
3873857.00	0.13518	0.13023	0.12548	0.12092
3873807.00	0.13547	0.13038	0.12550	0.12083
3873757.00	0.13565	0.13042	0.12543	0.12067
3873707.00	0.13572	0.13039	0.12530	0.12044
3873657.00	0.13573	0.13029	0.12512	0.12021
3873607.00	0.13569	0.13014	0.12490	0.11993
3873557.00	0.13561	0.13002	0.12468	0.11966
3873507.00	0.13561	0.12991	0.12456	0.11945
3873457.00	0.13564	0.12988	0.12447	0.11935
3873407.00	0.13577	0.12995	0.12448	0.11930
3873357.00	0.13603	0.13012	0.12459	0.11939
3873307.00	0.13643	0.13045	0.12486	0.11961
3873257.00	0.13703	0.13099	0.12534	0.11998
3873207.00	0.13770	0.13156	0.12580	0.12002
3873157.00	0.13854	0.13228	0.12607	0.12056
3873107.00	0.13943	0.13270	0.12679	0.12105
3873057.00	0.13991	0.13358	0.12745	0.12179
3873007.00	0.14080	0.13421	0.12810	0.12225
3872957.00	0.14124	0.13477	0.12846	0.12281
3872907.00	0.14158	0.13501	0.12880	0.12314
3872857.00	0.14130	0.13482	0.12880	0.12308
3872807.00	0.14092	0.13450	0.12822	0.12261

3872757.00	0.14012	0.13359	0.12744	0.12178
3872707.00	0.13908	0.13261	0.12664	0.12107
3872657.00	0.13788	0.13169	0.12584	0.12013
3872607.00	0.13660	0.13053	0.12469	0.11917
3872557.00	0.13536	0.12929	0.12362	0.11826

\*\*\* AERMOD - VERSION 19191 \*\*\*  
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\*\*\* MODELOPTs: RegDFault CONC ELEV FLGPOL RURAL

\*\*\* THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION  
 \*\*\*  
 VALUES FOR SOURCE GROUP: 1002  
 INCLUDING SOURCE(S): 1002 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)
Y-COORD (M)	CONC		
439914.30	3872794.00	1.86762	436262.90
3873356.00	0.10272		
435902.60	3873538.00	0.07874	435899.30
3873949.00	0.06917		
437456.80	3871498.00	0.72910	437556.80
3871496.00	1.10140		
437656.80	3871495.00	1.09705	437756.80
3871494.00	1.02538		
437856.80	3871492.00	0.99202	437956.80
3871491.00	0.97041		
438056.80	3871490.00	0.94920	438156.80
3871488.00	0.91774		
438256.80	3871487.00	0.89719	438356.80
3871486.00	0.87699		
438456.70	3871484.00	0.87567	438556.70
3871483.00	0.85464		
438656.70	3871482.00	0.84494	438756.70
3871480.00	0.80308		
438856.70	3871479.00	0.77248	438956.70
3871478.00	0.72280		
439056.70	3871476.00	0.68565	439156.70
3871475.00	0.67724		
439256.70	3871474.00	0.66238	439356.70

3871472.00	0.63262		
439456.60	3871471.00	0.62248	439556.60
3871470.00	0.60860		
439656.60	3871468.00	0.58359	439756.60
3871467.00	0.56169		
439856.60	3871466.00	0.48088	439877.70
3871465.00	0.43729		
439879.30	3871565.00	0.86110	439880.80
3871665.00	1.03125		
439882.40	3871765.00	1.13727	439884.00
3871865.00	1.24931		
439885.60	3871965.00	1.40405	439887.10
3872065.00	1.45743		
439888.70	3872165.00	1.53732	439890.30
3872265.00	1.62120		
439891.90	3872365.00	1.74682	439893.40
3872465.00	1.82285		
439895.00	3872565.00	2.00560	439896.60
3872665.00	2.22778		
439898.20	3872765.00	2.46892	439899.80
3872865.00	2.29157		
439901.30	3872965.00	2.18569	439902.90
3873065.00	2.01421		
439903.70	3873112.00	1.70915	439803.70
3873113.00	2.34115		
439703.70	3873114.00	2.46543	439603.70
3873115.00	2.51662		
439503.70	3873116.00	2.53397	439403.70
3873117.00	2.53852		
439303.70	3873118.00	2.53785	439203.70
3873120.00	2.51848		
439103.70	3873121.00	2.50105	439003.70
3873122.00	2.48337		
438903.70	3873123.00	2.48566	438803.70
3873124.00	2.48318		
438703.70	3873125.00	2.48621	438603.70
3873126.00	2.49442		
438503.80	3873127.00	2.48725	438403.80
3873128.00	2.47403		
438303.80	3873129.00	2.44608	438203.80
3873130.00	2.41883		
438103.80	3873131.00	2.38259	438003.80
3873132.00	2.34051		
437903.80	3873133.00	2.28669	437803.80
3873134.00	2.21495		
437703.80	3873135.00	2.11294	437603.80
3873137.00	1.91687		
437503.80	3873138.00	1.60167	437449.40
3873138.00	1.10126		
437449.80	3873038.00	1.37213	437450.30

3872938.00	1.46790			
	437450.80	3872838.00	1.51310	437451.20
3872738.00	1.55679			
	437451.70	3872638.00	1.58977	437452.10
3872538.00	1.60076			
	437452.60	3872438.00	1.63808	437453.00
3872338.00	1.62957			

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION  
 \*\*\*  
 VALUES FOR SOURCE GROUP: 1002  
 INCLUDING SOURCE(S): 1002 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)
Y-COORD (M)	CONC		
437453.50	3872238.00	1.66177	437453.90
3872138.00	1.64081		
437454.40	3872038.00	1.64304	437454.80
3871938.00	1.62530		
437455.30	3871838.00	1.57703	437455.70
3871738.00	1.51310		
437456.20	3871638.00	1.39155	437456.60
3871538.00	1.09288		

\*\*\* AERMOD - VERSION 19191 \*\*\*  
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\*\*\* AERMET - VERSION 14134 \*\*\*  
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 \*\*\*  
 VALUES FOR SOURCE GROUP: 1002  
 INCLUDING SOURCE(S): 1002 ,

\*\*\* NETWORK ID: COURSE ; NETWORK TYPE:



GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD				X-COORD (METERS)
(METERS)	430733.00		431233.00	431733.00
432233.00		432733.00		

-----

3879761.0	51.83680 (11112117)	27.53601 (11112117)	27.36402 (10012807)
42.32187 (09012607)	53.94737 (09012607)		
3879261.0	53.52560 (11112117)	55.59344 (11112117)	45.29336 (11112117)
29.27792 (11112117)	48.12905 (09012607)		
3878761.0	43.48641 (11112117)	55.65029 (11112117)	56.96659 (11112117)
47.38393 (11112117)	35.01459 (09012607)		
3878261.0	43.82225 (13120417)	44.58703 (11112117)	58.24160 (11112117)
59.96989 (11112117)	50.83644 (11112117)		
3877761.0	57.79745 (13120417)	52.16954 (13120417)	44.55091 (11112117)
59.46113 (11112117)	63.46252 (11112117)		
3877261.0	52.68560 (13120417)	61.25686 (13120417)	59.65076 (13120417)
48.57222 (13120417)	61.49418 (11112117)		
3876761.0	51.15136 (12013117)	49.32127 (13120417)	62.28513 (13120417)
66.19626 (13120417)	58.59502 (13120417)		
3876261.0	51.78469 (12013117)	56.83354 (12013117)	56.35090 (12013117)
60.81992 (13120417)	71.58272 (13120417)		
3875761.0	55.87816 (13121208)	54.67095 (13121208)	58.10569 (12013117)
63.83366 (12013117)	62.66902 (12013117)		
3875261.0	53.23787 (10020408)	57.87835 (10102917)	61.78889 (13121208)
62.65791 (13121208)	66.39199 (12013117)		
3874761.0	58.05430 (12121907)	58.19869 (12121907)	60.26594 (10020408)
63.24865 (10102917)	67.79826 (13121208)		
3874261.0	54.74132 (12121907)	59.99729 (12121907)	64.50316 (12121907)
67.44014 (12121907)	70.08271 (12121907)		
3873761.0	31.33666 (12121907)	41.94985 (12121907)	52.25307 (12121907)
61.14284 (12121907)	68.30373 (12121907)		
3873261.0	40.13266 (13121007)	41.15224 (13121007)	41.54420 (13121007)
42.05567 (13121007)	43.59858 (12121907)		
3872761.0	57.41798 (13121007)	59.87935 (13121007)	62.67244 (13121007)
65.35402 (13121007)	69.06115 (13121007)		
3872261.0	55.14167 (13121007)	58.08733 (13121007)	61.12459 (13121007)
64.74700 (13121007)	68.68115 (13121007)		
3871761.0	51.62891 (11122207)	54.82344 (11122207)	58.12047 (11122207)
61.18618 (11122207)	65.43825 (11122207)		
3871261.0	55.26408 (09113007)	58.78745 (09113007)	62.34129 (09113007)
65.14480 (09113007)	69.03365 (09113007)		
3870761.0	54.22325 (09113007)	55.00956 (09113007)	56.30575 (09113007)
57.44012 (09112517)	59.21977 (09112517)		
3870261.0	43.46571 (09112517)	42.82973 (09112517)	41.01285 (09112517)

38.56355	(09112517)	35.96387	(10102007)		
3869761.0	24.70103	(09112517)	25.08042	(10102007)	32.54889
39.26455	(10102007)	45.30193	(10102007)		
3869261.0	28.37714	(12011217)	34.52860	(12011217)	38.91940
43.83978	(10102007)	43.73403	(09011517)		
3868761.0	35.53930	(12011217)	35.88546	(10102007)	39.75888
41.14555	(12112717)	43.80411	(12112717)		
3868261.0	36.75046	(09011517)	36.98327	(12112717)	40.77246
41.04020	(12122817)	40.42614	(11111017)		
3867761.0	38.94306	(12112717)	37.79110	(12112717)	37.51986
38.17524	(11111017)	41.25822	(09013007)		
3867261.0	35.84614	(12122817)	34.87654	(11111017)	35.51941
38.97264	(09013007)	36.03481	(09013007)		
3866761.0	33.83744	(11111017)	35.56757	(09013007)	37.48033
32.64682	(09013007)	26.32884	(09010507)		
3866261.0	37.03760	(09013007)	34.40509	(09013007)	29.10551
24.02633	(09010507)	33.65431	(09010507)		
3865761.0	33.48853	(09013007)	25.52458	(09013007)	21.91147
30.86474	(09010507)	35.07108	(09010507)		
3865261.0	22.12240	(09013007)	19.77628	(09010507)	28.33217
32.95409	(09010507)	32.98767	(09123117)		
3864761.0	17.78308	(09010507)	26.05125	(09010507)	30.80710
31.06360	(09123117)	30.98209	(10012008)		

^ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*  
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\*\*\* MODELOPTs:    RegDEFAULT   CONC   ELEV   FLGPOL   RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1002       \*\*\*  
   INCLUDING SOURCE(S):       1002       ,

\*\*\* NETWORK ID: COURSE   ;   NETWORK TYPE:  
 GRIDCART \*\*\*

\*\* CONC OF OTHER       IN MICROGRAMS/M\*\*3

\*\*

Y-COORD				X-COORD (METERS)
(METERS)		433233.00	433733.00	434233.00
434733.00		435233.00		

3879761.0		54.92950	(09012607)	54.92756	(12110107)	53.93055	(13123017)
54.53108	(13123017)	52.05682	(13110817)				
3879261.0		57.47979	(09012607)	57.72371	(12110107)	55.97360	(12110107)

56.62517 (13123017)	54.85969 (13123017)		
3878761.0   54.16071 (09012607)	59.94147 (09012607)	59.53133 (12110107)	
57.91556 (13123017)	59.17418 (13123017)		
3878261.0   42.16804 (09012607)	59.95401 (09012607)	63.51649 (09012607)	
62.11112 (12110107)	63.81651 (13123017)		
3877761.0   55.04295 (11112117)	50.68852 (09012607)	65.11577 (09012607)	
65.55135 (09012607)	63.62863 (12110107)		
3877261.0   67.88859 (11112117)	60.19188 (11112117)	58.94297 (09012607)	
69.45570 (09012607)	68.10040 (09012607)		
3876761.0   63.92439 (11112117)	72.79874 (11112117)	65.52963 (11112117)	
66.00256 (09012607)	71.77016 (09012607)		
3876261.0   69.33245 (13120417)	66.89362 (11112117)	77.94065 (11112117)	
71.20918 (11112117)	73.76417 (09012607)		
3875761.0   74.09182 (13120417)	79.77096 (13120417)	68.83386 (11112117)	
83.68250 (11112117)	77.61497 (11112117)		
3875261.0   72.33506 (12013117)	72.80684 (13120417)	86.44260 (13120417)	
81.95899 (13120417)	90.68510 (11112117)		
3874761.0   71.41762 (13121208)	76.26115 (12013117)	82.81842 (12013117)	
90.99501 (13120417)	98.78818 (13120417)		
3874261.0   69.94801 (10020408)	75.71663 (10102917)	82.34429 (13121208)	
91.15756 (12013117)	101.26822 (12013117)		
3873761.0   74.19986 (12121907)	79.67162 (12121907)	85.61372 (12121907)	
91.27131 (12121907)	98.96253 (13121208)		
3873261.0   57.66023 (12121907)	70.59219 (12121907)	82.10914 (12121907)	
92.33463 (12121907)	103.55405 (12121907)		
3872761.0   73.30922 (13121007)	78.24125 (13121007)	84.53602 (13121007)	
92.79704 (13121007)	104.19038 (13121007)		
3872261.0   73.05623 (13121007)	78.13966 (13121007)	84.94771 (13121007)	
93.31376 (13121007)	104.90548 (13121007)		
3871761.0   71.68759 (09113007)	77.77808 (09113007)	85.09628 (09113007)	
94.35018 (09113007)	105.63494 (09113007)		
3871261.0   73.39264 (09113007)	78.02085 (09113007)	84.61965 (09113007)	
91.86755 (09113007)	100.84209 (09113007)		
3870761.0   60.35874 (09112517)	60.19661 (09112517)	58.53730 (09112517)	
70.84801 (10102007)	85.75168 (10102007)		
3870261.0   46.25112 (10102007)	55.35899 (10102007)	63.53341 (10102007)	
68.56654 (10102007)	71.30769 (12112717)		
3869761.0   51.16098 (10102007)	52.94854 (10102007)	55.86124 (12112717)	
60.60527 (12122817)	65.85562 (09013007)		
3869261.0   47.06099 (12112717)	50.48207 (12122817)	50.99876 (11111017)	
57.87688 (09013007)	56.32253 (09013007)		
3868761.0   45.01710 (12122817)	45.97950 (11111017)	51.28840 (09013007)	
47.28848 (09013007)	55.37271 (09010507)		
3868261.0   43.42850 (09013007)	45.57815 (09013007)	40.19354 (09013007)	
49.59184 (09010507)	50.97363 (09010507)		
3867761.0   40.50340 (09013007)	33.94144 (09013007)	44.44651 (09010507)	
46.57862 (09010507)	43.07931 (09123117)		
3867261.0   29.28591 (09010507)	40.21917 (09010507)	43.24507 (09010507)	
41.63289 (09123117)	32.34620 (09010207)		
3866761.0   36.70648 (09010507)	40.25712 (09010507)	39.42469 (09123117)	

27.62050 (13010208)	10.62592 (13010208)		
3866261.0   37.59273 (09010507)	37.89073 (09123117)	32.04232 (13010208)	
12.51357 (13010208)	6.10531 (09012908)		
3865761.0   35.00679 (09123117)	33.12575 (13010208)	17.59936 (13010208)	
4.98496 (13020117)	4.49341 (11121209)		
3865261.0   33.01452 (13010208)	25.75776 (13010208)	9.39601 (09020607)	
4.30701 (09121009)	4.56192 (11121209)		
3864761.0   31.00146 (09020607)	20.47639 (09010207)	6.25495 (11120917)	
4.44831 (11121209)	4.55366 (11121209)		

\*\*\* AERMOD - VERSION 19191 \*\*\* \*\*  
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\*\*\* AERMET - VERSION 14134 \*\*\* \*\*  
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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1002 \*\*\*  
 INCLUDING SOURCE(S): 1002 ,

\*\*\* NETWORK ID: COURSE ; NETWORK TYPE:  
 GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

Y-COORD		X-COORD (METERS)
(METERS)	435733.00	436233.00
437233.00	437733.00	436733.00

3879761.0	52.90032 (13110817)	51.06583 (13110817)	49.09359 (13010917)
50.75680 (09121717)	50.45528 (11112407)		
3879261.0	55.12632 (13110817)	32.22483 (13110817)	20.61494 (12032707)
18.37213 (09102117)	50.51566 (11112407)		
3878761.0	54.21590 (09122317)	32.06479 (12032707)	37.59487 (13110817)
31.33789 (09102117)	44.36260 (11112407)		
3878261.0	62.85917 (13123017)	43.38280 (13110817)	60.82289 (13110817)
52.74616 (13010917)	56.09801 (11112407)		
3877761.0	64.17909 (13123017)	63.60359 (09122317)	49.00536 (13110817)
47.43968 (13010917)	48.85315 (11112407)		
3877261.0	66.75737 (13123017)	67.68672 (13123017)	66.89761 (09122317)
64.97032 (13110817)	69.46490 (11112407)		
3876761.0	70.91803 (12110107)	71.44707 (13123017)	70.90322 (13123017)
74.34432 (13110817)	74.51883 (11112407)		
3876261.0	76.67560 (09012607)	75.58569 (12110107)	76.03855 (13123017)
78.28967 (09122317)	77.32220 (11112407)		
3875761.0	80.47368 (09012607)	81.91688 (09012607)	81.62706 (12110107)

83.08793 (13123017)	81.75968 (13110817)		
3875261.0   86.77938 (11112117)	89.60346 (09012607)	91.26051 (09012607)	
89.98557 (13123017)	88.78362 (09122317)		
3874761.0   101.32710 (11112117)	100.76158 (11112117)	101.09510 (09012607)	
101.18160 (09012607)	99.27257 (13123017)		
3874261.0   118.20457 (13120417)	117.71133 (11112117)	120.29702 (11112117)	
117.51893 (09012607)	114.96502 (12110107)		
3873761.0   117.61375 (12013117)	134.67326 (12013117)	153.69725 (13120417)	
153.77552 (11112117)	148.96160 (09012607)		
3873261.0   117.47905 (12121907)	136.74349 (12121907)	174.37820 (12013117)	
233.20615 (13120417)	226.10644 (11112117)		
3872761.0   119.72117 (13121007)	140.54086 (12121907)	172.80687 (12121907)	
234.74778 (12121907)	279.25744 (12013117)		
3872261.0   120.76217 (13121007)	142.16982 (13121007)	176.28592 (09113007)	
243.49775 (09113007)	284.77120 (12121907)		
3871761.0   121.18118 (09113007)	144.01091 (09113007)	178.92573 (09113007)	
249.20795 (09113007)	297.73428 (09113007)		
3871261.0   109.80997 (09113007)	124.43894 (10102007)	160.61527 (10102007)	
181.66026 (10102007)	154.98661 (09010207)		
3870761.0   98.81029 (10102007)	104.35741 (10102007)	107.81259 (09013007)	
97.77390 (09010207)	83.33767 (09010207)		
3870261.0   76.59812 (11111017)	83.59934 (09013007)	88.52640 (09010207)	
93.83692 (09010207)	69.42758 (09010207)		
3869761.0   67.94362 (09013007)	71.63598 (09010507)	81.37405 (09010207)	
66.56856 (09010207)	24.39010 (09121117)		
3869261.0   62.53618 (09010507)	68.49989 (09010207)	54.32663 (09010207)	
25.48027 (09010207)	11.82639 (09100107)		
3868761.0   55.59182 (09010507)	56.15692 (09010207)	26.35925 (09010207)	
13.64953 (09100107)	10.88206 (09100107)		
3868261.0   48.66359 (09010207)	28.53496 (09010207)	10.96042 (10101507)	
8.89302 (09100107)	5.02327 (09100107)		
3867761.0   24.93611 (09010207)	9.85493 (09012908)	6.81689 (09012908)	
5.45385 (09100107)	4.42773 (10030508)		
3867261.0   12.86789 (09020607)	7.05433 (09012908)	5.02989 (09100107)	
4.42767 (09090207)	4.36390 (09090207)		
3866761.0   6.13417 (09012908)	4.64968 (11121209)	4.39781 (09090207)	
4.39725 (09090207)	4.47915 (10030508)		
3866261.0   4.67011 (11121209)	4.41224 (11121209)	4.41537 (09090207)	
4.46125 (10030508)	4.46121 (10030508)		
3865761.0   4.53105 (11121209)	4.11083 (11121209)	4.43695 (09090207)	
4.48038 (10030508)	4.43368 (10030508)		
3865261.0   4.40518 (11121209)	4.23128 (09090207)	4.45955 (09090207)	
4.49885 (10030508)	4.40033 (10030508)		
3864761.0   4.11594 (11121209)	4.34938 (09090207)	4.44310 (09090207)	
4.50755 (10030508)	4.39113 (12041607)		
*** AERMOD - VERSION 19191 ***	***		
	***	09/09/20	
*** AERMET - VERSION 14134 ***	***		
	***	21:13:29	

\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: 1002 \*\*\*

INCLUDING SOURCE(S): 1002 ,

\*\*\* NETWORK ID: COURSE ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD			X-COORD (METERS)
(METERS)	438233.00	438733.00	439233.00
439733.00	440233.00		

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3879761.0	46.20724 (11112407)	39.10766 (11112407)	32.23028 (12111517)
24.22585 (09020308)	19.10902 (09012717)		
3879261.0	39.68727 (11112407)	43.75964 (11112407)	34.55185 (12111517)
26.24065 (09020308)	21.30680 (12012417)		
3878761.0	53.75179 (11112407)	46.72882 (11112407)	35.53698 (12111517)
31.10571 (10022507)	26.60958 (12012417)		
3878261.0	59.92543 (11112407)	56.26330 (11112407)	46.57931 (11112407)
37.69276 (09021007)	34.40285 (09122808)		
3877761.0	65.05021 (11112407)	63.52912 (11112407)	56.13213 (11112407)
44.08903 (09021007)	35.79455 (09122808)		
3877261.0	69.54208 (11112407)	69.22285 (11112407)	64.64132 (11112407)
49.24414 (09021007)	46.87424 (09021007)		
3876761.0	74.21227 (11112407)	74.64860 (11112407)	70.96259 (11112407)
51.63150 (09021007)	36.52442 (12012417)		
3876261.0	78.53199 (11112407)	80.84546 (11112407)	62.66755 (11112407)
46.60638 (09122808)	55.38360 (11110817)		
3875761.0	88.27380 (11112407)	86.01867 (11112407)	43.05761 (12111517)
62.35374 (09021007)	67.38110 (11110817)		
3875261.0	95.71745 (11112407)	90.19510 (11112407)	50.52162 (13012408)
40.83082 (10102517)	78.12946 (11122017)		
3874761.0	105.83330 (13110817)	110.36235 (11112407)	41.00286 (13012408)
28.88466 (12013017)	89.55126 (11122017)		
3874261.0	113.17520 (13123017)	123.70243 (11112407)	99.20857 (11112407)
105.26098 (11122017)	108.36758 (12011107)		
3873761.0	141.05708 (12110107)	134.11741 (09122317)	138.40998 (11112407)
132.19272 (12011107)	136.75761 (12111417)		
3873261.0	213.25282 (09012607)	198.68231 (13123017)	192.94319 (11112407)
198.37426 (12111417)	188.39134 (13103117)		
3872761.0	259.09496 (13120417)	226.03636 (09012607)	222.97069 (13010717)
254.98805 (09110217)	161.50174 (09110217)		
3872261.0	270.10606 (12013117)	216.50735 (12013117)	163.75787 (09110217)

144.47119 (12022307)	122.85216 (12022307)		
3871761.0   161.23772 (10102007)	98.86937 (09010207)	84.72597 (13012117)	
86.95248 (13111317)	88.15527 (10030107)		
3871261.0   113.13711 (09010207)	107.30503 (09010207)	62.62316 (13022207)	
68.43435 (13012117)	72.00128 (10031507)		
3870761.0   47.49209 (09010207)	44.20486 (09103017)	53.49589 (13120607)	
41.28403 (13022207)	39.72099 (13012117)		
3870261.0   43.29451 (09010207)	28.15349 (12120608)	30.39177 (09103017)	
44.98035 (09010608)	24.29090 (09010608)		
3869761.0   19.94564 (09121117)	22.43694 (09121117)	22.44844 (09103017)	
24.14757 (09103017)	28.24522 (09010608)		
3869261.0   10.26484 (09100107)	16.22538 (09121117)	16.15251 (09121117)	
16.31418 (12120608)	19.05035 (09103017)		
3868761.0   8.88600 (09100107)	11.41003 (09100107)	11.45784 (09121117)	
11.07793 (12120608)	14.61450 (12120608)		
3868261.0   4.90016 (12091907)	8.01294 (09100107)	8.21436 (09121117)	
8.36936 (11121307)	11.57261 (12120608)		
3867761.0   4.88516 (12091907)	6.76652 (09100107)	6.55596 (11121307)	
7.24867 (09021608)	8.27681 (12120608)		
3867261.0   4.85639 (12091907)	5.82779 (09100107)	5.40182 (11121307)	
6.22647 (09021608)	6.92562 (09021608)		
3866761.0   4.93437 (12091907)	5.00584 (12091907)	5.03110 (12091907)	
4.91308 (11121307)	6.15393 (09021608)		
3866261.0   4.90021 (12091907)	4.95855 (12091907)	4.97503 (12091907)	
4.22806 (12091907)	5.19365 (09021608)		
3865761.0   4.84797 (12091907)	4.88355 (12091907)	4.91596 (12091907)	
4.15370 (12091907)	4.25435 (11102708)		
3865261.0   4.85377 (12091907)	4.89472 (12091907)	4.86368 (12091907)	
4.09728 (12091907)	4.01213 (13071707)		
3864761.0   4.84655 (12091907)	4.89515 (12091907)	4.86693 (12091907)	
4.07490 (12091907)	3.95849 (09112309)		

^ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*  
                   \*\*\*                  09/09/20  
 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*  
                   \*\*\*                  21:13:29

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1002 \*\*\*  
 INCLUDING SOURCE(S): 1002 ,

\*\*\* NETWORK ID: COURSE ; NETWORK TYPE:  
 GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD |

X-COORD (METERS)

(METERS)	440733.00	441233.00	441733.00
442233.00	442733.00		
3879761.0	15.23893 (12012417)	14.05906 (12013017)	12.51183 (12013017)
8.34496 (12013017)	7.37023 (13012409)		
3879261.0	17.41566 (12012417)	15.61847 (12013017)	14.12377 (12013017)
9.64910 (12013017)	7.34915 (13012409)		
3878761.0	22.28202 (12012417)	18.84071 (10102517)	16.77215 (12013017)
11.71425 (12013017)	7.51414 (10012708)		
3878261.0	28.50245 (12012417)	23.39643 (10102517)	19.53176 (10102517)
15.35405 (10102517)	11.11612 (12122708)		
3877761.0	25.01566 (12012417)	28.37227 (11110817)	28.75348 (11122017)
22.93640 (12122708)	17.05573 (09111717)		
3877261.0	37.41395 (11110817)	36.53951 (11122017)	37.71812 (11122017)
34.59347 (09111717)	28.86563 (12011107)		
3876761.0	46.06705 (11110817)	49.18027 (11122017)	46.82505 (09111717)
43.51134 (12011107)	40.78159 (12011107)		
3876261.0	56.87662 (11122017)	46.77621 (12122708)	27.47795 (09111717)
43.58895 (12011107)	50.70548 (12111417)		
3875761.0	64.21031 (11122017)	14.95915 (09012708)	14.52268 (10012817)
45.51312 (12111417)	63.43765 (12111417)		
3875261.0	77.88931 (09111717)	73.66820 (12011107)	66.15179 (12111417)
72.05112 (12111417)	74.37402 (13010717)		
3874761.0	93.41452 (12011107)	92.54473 (12011107)	88.90140 (12111417)
85.80223 (13010717)	80.71431 (13103117)		
3874261.0	110.49635 (12011107)	105.64453 (13010717)	97.57366 (13103117)
87.48762 (13103117)	76.19059 (09110217)		
3873761.0	134.41999 (13010717)	117.65427 (13103117)	94.93221 (09110217)
74.18950 (09110217)	53.32207 (09110217)		
3873261.0	133.65597 (09110217)	99.15851 (09110217)	69.66688 (09110217)
55.03070 (13121217)	54.52022 (13121217)		
3872761.0	112.43586 (13121217)	94.11869 (13121217)	80.97235 (13121217)
70.93279 (13121217)	64.48124 (13121217)		
3872261.0	99.93002 (12112617)	88.08505 (09012907)	75.84454 (09012907)
62.83993 (09012907)	58.87133 (09012907)		
3871761.0	76.81700 (12022307)	72.91241 (12022307)	67.76393 (12022307)
56.90645 (12112617)	49.26017 (12112617)		
3871261.0	62.94621 (13111317)	57.09994 (11121207)	53.72932 (11121207)
47.48925 (12022307)	39.64479 (10012908)		
3870761.0	44.80527 (13012117)	42.78431 (13111317)	32.79640 (11121207)
37.25184 (11121207)	32.50959 (11121207)		
3870261.0	27.45387 (13012117)	30.44706 (13012117)	22.05228 (10031507)
17.20502 (10012617)	19.26837 (10012617)		
3869761.0	16.43245 (12112808)	17.50216 (12112808)	15.65542 (12112808)
13.44955 (09011317)	9.54355 (10012617)		
3869261.0	13.97414 (09010608)	12.41018 (12112808)	13.05405 (12112808)
12.08164 (12112808)	10.36538 (10012707)		
3868761.0	14.59874 (12120608)	8.85258 (13030807)	8.51232 (12112808)



10.16731 (12112808)	10.30063 (12112808)		
3868261.0   12.80554 (12120608)	11.23981 (09103017)	8.48165 (09020508)	
9.03515 (12112808)	9.78063 (12112808)		
3867761.0   9.72614 (12120608)	9.56859 (09103017)	9.28486 (09010608)	
8.67951 (09020508)	9.37128 (12112808)		
3867261.0   7.57761 (12011117)	7.94920 (12011117)	7.94364 (12011117)	
7.63262 (13030807)	8.19994 (09020508)		
3866761.0   6.36038 (09021608)	6.40732 (09021608)	6.64945 (13030807)	
7.02173 (13030807)	6.47061 (13030807)		
3866261.0   5.66017 (09021608)	5.86076 (09021608)	5.60809 (10040707)	
6.21362 (13030807)	6.31274 (13030807)		
3865761.0   4.97133 (09021608)	5.30148 (09021608)	5.24940 (09021608)	
5.74227 (10040707)	5.78391 (10040707)		
3865261.0   4.51194 (11102708)	4.82106 (09021608)	5.02252 (09021608)	
5.37584 (10040707)	5.78453 (10040707)		
3864761.0   4.36805 (11102708)	4.56079 (11102708)	4.73266 (12011009)	
4.85789 (12011009)	5.60324 (10040707)		

\*\*\* AERMOD - VERSION 19191 \*\*\*  
 \*\*\* 09/09/20  
 \*\*\* AERMET - VERSION 14134 \*\*\*  
 \*\*\* 21:13:29

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

VALUES FOR SOURCE GROUP: 1002  
 \*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 \*\*\* INCLUDING SOURCE(S): 1002 ,

GRIDCART \*\*\*  
 \*\*\* NETWORK ID: COURSE ; NETWORK TYPE:

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3  
 \*\*

Y-COORD			X-COORD (METERS)
(METERS)	443233.00	443733.00	444233.00
	444733.00	445233.00	

3879761.0	6.84098 (13012409)	6.07539 (10012708)	5.41942 (12021408)
6.84987 (10012817)	7.60277 (10012817)		
3879261.0	6.89823 (10012708)	6.38521 (12021408)	7.14997 (10012817)
8.13931 (10012817)	7.96102 (10012817)		
3878761.0	6.30726 (12021408)	8.30523 (10012817)	8.76904 (10012817)
8.50876 (10012817)	8.07282 (12031307)		
3878261.0	7.88752 (10012817)	9.73169 (10012817)	9.20954 (10012817)
9.97013 (12111417)	13.09686 (12111417)		
3877761.0	12.05305 (12011107)	11.04647 (12011107)	11.29533 (12111417)

17.27176 (12111417)	20.07522 (11100607)		
3877261.0   22.24045 (12011107)	18.25466 (12111417)	19.04763 (11100607)	
27.51026 (11100607)	24.97362 (13010717)		
3876761.0   34.44767 (12111417)	29.58788 (12111417)	31.64263 (11100607)	
35.21610 (13010717)	28.64160 (13010717)		
3876261.0   45.32402 (12111417)	40.57016 (11100607)	42.76783 (13010717)	
40.43782 (13103117)	33.11297 (13103117)		
3875761.0   57.69503 (13010717)	55.57560 (13010717)	54.96861 (13103117)	
44.74356 (09110217)	43.25092 (09110217)		
3875261.0   66.43352 (13103117)	66.28943 (13103117)	59.75938 (09110217)	
52.49071 (09110217)	39.77579 (09110217)		
3874761.0   72.27343 (09110217)	63.49372 (09110217)	49.74095 (09110217)	
35.72812 (09110217)	31.53653 (09030307)		
3874261.0   60.36525 (09110217)	43.24494 (09110217)	34.96103 (09030307)	
30.21459 (09030307)	24.63696 (09030307)		
3873761.0   38.81463 (09030307)	32.00967 (09030307)	26.24709 (09011407)	
27.78862 (09011407)	28.30936 (09011407)		
3873261.0   53.05381 (13121217)	51.20813 (13121217)	49.36904 (13121217)	
47.49796 (13121217)	45.66689 (13121217)		
3872761.0   59.34274 (13121217)	54.33774 (13121217)	50.78474 (13121217)	
48.04149 (13121217)	46.85035 (13121217)		
3872261.0   54.34500 (09012907)	49.53524 (09012907)	44.39761 (09012907)	
42.89804 (09012907)	44.49997 (09012907)		
3871761.0   45.03977 (12112617)	41.99881 (12112617)	36.13243 (12112617)	
38.71398 (12112617)	41.31604 (09012907)		
3871261.0   34.82865 (10012908)	33.97237 (10012908)	29.49087 (10012908)	
31.84765 (12112617)	35.67694 (12112617)		
3870761.0   24.02532 (10012908)	24.20648 (10012908)	24.36138 (10012908)	
24.46862 (10012908)	28.84366 (10012908)		
3870261.0   20.27923 (11121207)	20.30842 (11121207)	19.88151 (11121207)	
17.89444 (10012908)	16.80804 (10012908)		
3869761.0   14.61110 (10012617)	15.91021 (10012617)	16.58981 (10012617)	
13.60849 (10012617)	9.38752 (10012617)		
3869261.0   9.63905 (09011317)	8.69694 (10012617)	12.14743 (10012617)	
13.62173 (10012617)	12.22775 (10012617)		
3868761.0   9.33712 (10012707)	8.54613 (10012707)	9.92756 (10031507)	
7.89253 (10012617)	9.03452 (10012617)		
3868261.0   10.29373 (12112808)	8.71809 (09011317)	9.66909 (09011317)	
6.95688 (13030507)	6.36697 (09011607)		
3867761.0   9.73941 (12112808)	10.31861 (12112808)	7.91531 (09011317)	
7.94949 (10012707)	6.04597 (10012707)		
3867261.0   8.96340 (12112808)	9.73663 (12112808)	9.41718 (12112808)	
6.94055 (12112808)	6.85914 (10012707)		
3866761.0   7.33597 (09020508)	7.91324 (12112808)	9.07017 (12112808)	
8.41261 (12112808)	6.13708 (12112808)		
3866261.0   5.20710 (09020508)	6.73580 (09020508)	7.22660 (12112808)	
8.04755 (12112808)	7.09011 (12112808)		
3865761.0   5.42742 (13030807)	4.87571 (09020508)	6.07419 (09020508)	
6.31767 (12112808)	7.03375 (12112808)		
3865261.0   5.50692 (10040707)	4.67140 (13030807)	4.73972 (12102908)	

5.34242 (12102908) 5.52802 (12112808)  
3864761.0 | 5.73656 (10040707) 4.96911 (10040707) 3.83156 (13030807)  
4.79037 (12102908) 5.25203 (12102908)

\*\*\* AERMOD - VERSION 19191 \*\*\* \*\*\*

\*\*\* 09/09/20

\*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*

\*\*\* 21:13:29

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: 1002 \*\*\*  
INCLUDING SOURCE(S): 1002 ,

\*\*\* NETWORK ID: COURSE ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD | X-COORD (METERS)  
(METERS) | 445733.00

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-----  
3879761.0 | 7.33877 (10012817)  
3879261.0 | 7.77235 (12031307)  
3878761.0 | 12.05092 (12111417)  
3878261.0 | 17.76416 (11100607)  
3877761.0 | 20.63459 (11100607)  
3877261.0 | 24.36809 (13010717)  
3876761.0 | 31.16646 (13103117)  
3876261.0 | 38.50096 (09110217)  
3875761.0 | 41.14188 (09110217)  
3875261.0 | 27.63179 (09110217)  
3874761.0 | 28.31135 (09030307)  
3874261.0 | 18.50251 (09030307)  
3873761.0 | 28.56122 (09011407)  
3873261.0 | 43.73570 (13121217)  
3872761.0 | 45.95797 (13121217)  
3872261.0 | 44.19359 (09012907)  
3871761.0 | 41.48489 (09012907)  
3871261.0 | 37.21743 (12112617)  
3870761.0 | 28.69037 (10012908)  
3870261.0 | 18.43931 (10012908)  
3869761.0 | 10.88858 (11121207)  
3869261.0 | 11.92598 (10012617)  
3868761.0 | 11.41226 (10012617)  
3868261.0 | 5.37674 (10012617)

3867761.0 | 4.76720 (09011607)  
 3867261.0 | 6.07529 (10012707)  
 3866761.0 | 6.00359 (10012707)  
 3866261.0 | 5.36711 (12112808)  
 3865761.0 | 5.94007 (12112808)  
 3865261.0 | 6.13066 (12112808)  
 3864761.0 | 5.38357 (12123109)

▲ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*  
 \*\*\* 09/09/20  
 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*  
 \*\*\* 21:13:29

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1002 \*\*\*  
 INCLUDING SOURCE(S): 1002 ,

\*\*\* NETWORK ID: DESERTL ; NETWORK TYPE:  
 GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD			X-COORD (METERS)
(METERS)	435850.40	435900.40	435950.40
	436000.40	436050.40	

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3874157.0	126.99674 (13120417)	125.55342 (13120417)	125.21525 (13120417)
125.00485 (13120417)	124.74417 (13120417)		
3874107.0	125.49800 (13120417)	126.37173 (13120417)	126.63675 (13120417)
127.44249 (13120417)	127.61609 (13120417)		
3874057.0	120.77124 (13120417)	123.46578 (13120417)	126.22816 (13120417)
128.04072 (13120417)	129.39909 (13120417)		
3874007.0	118.79247 (13120417)	121.67448 (13120417)	124.70979 (13120417)
127.16109 (13120417)	129.27564 (13120417)		
3873957.0	122.09366 (12013117)	119.50406 (12013117)	122.42278 (13120417)
125.34209 (13120417)	128.05145 (13120417)		
3873907.0	122.97780 (12013117)	121.96256 (12013117)	122.27115 (12013117)
123.13546 (13120417)	126.26169 (13120417)		
3873857.0	122.56551 (12013117)	123.56478 (12013117)	124.36654 (12013117)
124.95024 (12013117)	125.28565 (12013117)		
3873807.0	122.92803 (12013117)	124.32621 (12013117)	125.57534 (12013117)
126.64907 (12013117)	127.51647 (12013117)		
3873757.0	122.59389 (12013117)	124.33279 (12013117)	125.95661 (12013117)
127.57191 (12013117)	129.03840 (12013117)		
3873707.0	121.67658 (12013117)	123.68371 (12013117)	125.61250 (12013117)

127.81888 (12013117)	129.93174 (12013117)		
3873657.0   120.28255 (12013117)	122.50165 (12013117)	124.67262 (12013117)	
127.03033 (12013117)	129.82354 (12013117)		
3873607.0   118.47897 (12013117)	120.87717 (12013117)	123.24822 (12013117)	
126.05589 (12013117)	129.09703 (12013117)		
3873557.0   116.33320 (12013117)	118.88785 (12013117)	121.42075 (12013117)	
124.63814 (12013117)	128.00876 (12013117)		
3873507.0   116.94303 (12121907)	117.52326 (12121907)	119.36034 (12013117)	
122.84849 (12013117)	126.64661 (12013117)		
3873457.0   118.75108 (12121907)	119.72048 (12121907)	121.19772 (12121907)	
123.00153 (12121907)	124.92502 (12013117)		
3873407.0   119.84470 (12121907)	121.34641 (12121907)	123.10357 (12121907)	
125.14132 (12121907)	126.96423 (12121907)		
3873357.0   120.41765 (12121907)	122.12369 (12121907)	124.12589 (12121907)	
126.33318 (12121907)	128.22000 (12121907)		
3873307.0   120.79334 (12121907)	122.77697 (12121907)	124.84162 (12121907)	
126.99240 (12121907)	129.09337 (12121907)		
3873257.0   121.47390 (12121907)	122.75022 (12121907)	125.34340 (12121907)	
126.71577 (12121907)	129.52304 (12121907)		
3873207.0   121.42303 (12121907)	123.19715 (12121907)	125.29523 (12121907)	
126.67067 (12121907)	129.33639 (12121907)		
3873157.0   121.36107 (12121907)	123.90970 (12121907)	125.23920 (12121907)	
127.01751 (12121907)	129.42538 (12121907)		

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\*\*\* \*\*  
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\*\*\* AERMET - VERSION 14134 \*\*\* \*\*  
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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: 1002 \*\*\*  
INCLUDING SOURCE(S): 1002 ,

\*\*\* NETWORK ID: DESERTL ; NETWORK TYPE:  
GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD			X-COORD (METERS)
(METERS)	436100.40	436150.40	436200.40
436250.40	436300.40		

3874157.0   124.00524 (13120417)	122.84392 (13120417)	121.33792 (13120417)	
119.66931 (13120417)	120.10459 (11112117)		
3874107.0   127.37654 (13120417)	126.73244 (13120417)	125.94713 (13120417)	

125.58019	(13120417)	124.45407	(13120417)		
3874057.0		129.99585	(13120417)	130.38221	(13120417) 131.17508 (13120417)
132.06378	(13120417)	131.17338	(13120417)		
3874007.0		131.30986	(13120417)	132.83532	(13120417) 134.29960 (13120417)
135.48148	(13120417)	135.56097	(13120417)		
3873957.0		130.80289	(13120417)	133.52969	(13120417) 136.06314 (13120417)
137.80231	(13120417)	138.64645	(13120417)		
3873907.0		129.66583	(13120417)	132.96753	(13120417) 136.20567 (13120417)
138.90262	(13120417)	140.91691	(13120417)		
3873857.0		127.25313	(13120417)	131.36149	(13120417) 135.22961 (13120417)
138.73270	(13120417)	141.71951	(13120417)		
3873807.0		128.63791	(12013117)	129.88367	(12013117) 133.40609 (13120417)
137.48083	(13120417)	141.52017	(13120417)		
3873757.0		130.82100	(12013117)	132.54184	(12013117) 133.91549 (12013117)
135.47821	(13120417)	139.73557	(13120417)		
3873707.0		132.05607	(12013117)	134.17896	(12013117) 136.13934 (12013117)
137.89710	(12013117)	139.41375	(12013117)		
3873657.0		132.44906	(12013117)	135.00455	(12013117) 137.32395 (12013117)
139.65372	(12013117)	141.51339	(12013117)		
3873607.0		132.27422	(12013117)	135.17189	(12013117) 137.59637 (12013117)
140.23267	(12013117)	142.92058	(12013117)		
3873557.0		131.41741	(12013117)	134.85541	(12013117) 137.28668 (12013117)
139.81530	(12013117)	142.89302	(12013117)		
3873507.0		130.24698	(12013117)	133.76240	(12013117) 136.71347 (12013117)
139.34577	(12013117)	141.94928	(12013117)		
3873457.0		128.56877	(12013117)	131.97548	(12013117) 135.25218 (12013117)
138.23536	(12013117)	141.37248	(12013117)		
3873407.0		128.80253	(12121907)	130.64145	(12121907) 133.26309 (12013117)
136.88305	(12013117)	140.36930	(12013117)		
3873357.0		130.01888	(12121907)	131.71697	(12121907) 134.02760 (12121907)
136.08940	(12121907)	138.51169	(12013117)		
3873307.0		130.55609	(12121907)	132.07074	(12121907) 134.66074 (12121907)
137.05505	(12121907)	139.54091	(12121907)		
3873257.0		131.00524	(12121907)	132.54411	(12121907) 135.19478 (12121907)
137.33446	(12121907)	140.73554	(12121907)		
3873207.0		130.96521	(12121907)	132.50803	(12121907) 135.47381 (12121907)
138.62036	(12121907)	140.72336	(12121907)		
3873157.0		131.05694	(12121907)	133.96545	(12121907) 135.89677 (12121907)
138.90952	(12121907)	140.67229	(12121907)		

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1002 \*\*\*  
 INCLUDING SOURCE(S): 1002 ,

\*\*\* NETWORK ID: DESERTL ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD				X-COORD (METERS)
(METERS)	436350.40		436400.40	436450.40
	436500.40	436550.40		

-----

3874157.0	122.26600 (11112117)	124.17355 (11112117)	126.27391 (11112117)
127.88095 (11112117)	128.00855 (11112117)		
3874107.0	123.31614 (11112117)	126.21896 (11112117)	128.44439 (11112117)
130.16656 (11112117)	130.69487 (11112117)		
3874057.0	129.21499 (13120417)	127.27154 (13120417)	129.54699 (11112117)
131.53967 (11112117)	132.95872 (11112117)		
3874007.0	134.40319 (13120417)	132.82694 (13120417)	130.94055 (13120417)
131.99533 (11112117)	133.98204 (11112117)		
3873957.0	138.70767 (13120417)	137.74721 (13120417)	136.58597 (13120417)
134.77015 (13120417)	134.57865 (11112117)		
3873907.0	142.29511 (13120417)	142.38295 (13120417)	141.65088 (13120417)
140.50579 (13120417)	138.92854 (13120417)		
3873857.0	144.18295 (13120417)	145.53568 (13120417)	146.14033 (13120417)
145.69536 (13120417)	145.21728 (13120417)		
3873807.0	144.50226 (13120417)	147.28614 (13120417)	149.10135 (13120417)
150.30492 (13120417)	150.52962 (13120417)		
3873757.0	143.55769 (13120417)	147.25282 (13120417)	150.19686 (13120417)
152.68351 (13120417)	154.22000 (13120417)		
3873707.0	141.71060 (13120417)	145.70398 (13120417)	149.96617 (13120417)
153.39248 (13120417)	156.43213 (13120417)		
3873657.0	143.45195 (12013117)	144.64648 (12013117)	147.99152 (13120417)
152.31898 (13120417)	156.55951 (13120417)		
3873607.0	145.17020 (12013117)	147.38968 (12013117)	149.03719 (12013117)
151.06417 (12013117)	155.52261 (13120417)		
3873557.0	145.60541 (12013117)	148.38395 (12013117)	151.20458 (12013117)
153.50052 (12013117)	155.90267 (12013117)		
3873507.0	145.46786 (12013117)	148.65920 (12013117)	151.98402 (12013117)
155.07256 (12013117)	158.03877 (12013117)		
3873457.0	144.99991 (12013117)	148.15133 (12013117)	151.82510 (12013117)
155.15048 (12013117)	158.63966 (12013117)		
3873407.0	143.71962 (12013117)	147.25701 (12013117)	151.00581 (12013117)
154.61365 (12013117)	158.06303 (12013117)		
3873357.0	142.37376 (12013117)	146.11138 (12013117)	149.70865 (12013117)
153.53013 (12013117)	157.40697 (12013117)		
3873307.0	141.60850 (12121907)	144.23987 (12013117)	148.20267 (12013117)
152.40705 (12013117)	156.29509 (12013117)		
3873257.0	142.55874 (12121907)	145.17070 (12121907)	148.27542 (12121907)

151.10024 (12013117) 156.82615 (12013117)  
3873207.0 | 143.26752 (12121907) 146.30466 (12121907) 148.32939 (12121907)  
152.24878 (12121907) 154.70167 (12121907)  
3873157.0 | 144.32008 (12121907) 146.44774 (12121907) 150.27229 (12121907)  
152.41565 (12121907) 155.52348 (12121907)

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: 1002 \*\*\*  
INCLUDING SOURCE(S): 1002 ,

\*\*\* NETWORK ID: DESERTL ; NETWORK TYPE:  
GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3  
\*\*

Y-COORD | X-COORD (METERS)  
(METERS) | 436600.40 436650.40 436700.40  
436750.40 436800.40

-----  
3874157.0 | 127.49470 (11112117) 127.71788 (11112117) 127.39705 (11112117)  
127.33473 (11112117) 126.24987 (11112117)  
3874107.0 | 130.56522 (11112117) 130.45815 (11112117) 130.44937 (11112117)  
130.29420 (11112117) 129.83673 (11112117)  
3874057.0 | 133.37645 (11112117) 133.53416 (11112117) 133.72865 (11112117)  
133.75894 (11112117) 133.49440 (11112117)  
3874007.0 | 135.32962 (11112117) 136.49665 (11112117) 136.81716 (11112117)  
136.89263 (11112117) 136.95424 (11112117)  
3873957.0 | 136.98553 (11112117) 138.86370 (11112117) 139.79828 (11112117)  
140.14154 (11112117) 140.39670 (11112117)  
3873907.0 | 138.16198 (11112117) 140.76987 (11112117) 142.63258 (11112117)  
143.46265 (11112117) 144.00273 (11112117)  
3873857.0 | 143.91613 (13120417) 142.73725 (13120417) 144.65953 (11112117)  
146.66294 (11112117) 147.37469 (11112117)  
3873807.0 | 149.99945 (13120417) 149.19860 (13120417) 148.15062 (13120417)  
148.64938 (11112117) 150.62269 (11112117)  
3873757.0 | 155.39305 (13120417) 155.19172 (13120417) 154.99138 (13120417)  
153.90964 (13120417) 152.92816 (11112117)  
3873707.0 | 158.89071 (13120417) 160.25449 (13120417) 161.02808 (13120417)  
160.37151 (13120417) 159.65752 (13120417)  
3873657.0 | 160.35794 (13120417) 163.27889 (13120417) 165.26336 (13120417)



165.97681 (13120417)	166.27380 (13120417)		
3873607.0   160.45269 (13120417)	164.09186 (13120417)	167.69746 (13120417)	
170.40121 (13120417)	171.96225 (13120417)		
3873557.0   158.23571 (13120417)	163.22893 (13120417)	167.60839 (13120417)	
172.33749 (13120417)	176.30367 (13120417)		
3873507.0   160.63274 (12013117)	163.35455 (12013117)	166.62183 (13120417)	
171.95233 (13120417)	177.22534 (13120417)		
3873457.0   161.68885 (12013117)	165.21810 (12013117)	168.59403 (12013117)	
171.93726 (12013117)	176.65133 (13120417)		
3873407.0   161.52465 (12013117)	166.00143 (12013117)	170.30899 (12013117)	
175.06384 (12013117)	179.01765 (12013117)		
3873357.0   161.54239 (12013117)	166.18336 (12013117)	171.17534 (12013117)	
176.55746 (12013117)	181.32285 (12013117)		
3873307.0   161.05529 (12013117)	166.18515 (12013117)	171.50477 (12013117)	
177.03201 (12013117)	181.21546 (12013117)		
3873257.0   160.61504 (12013117)	166.01234 (12013117)	171.61457 (12013117)	
177.19113 (12013117)	181.38420 (12013117)		
3873207.0   159.60175 (12013117)	164.56177 (12013117)	170.63356 (12013117)	
175.41237 (12013117)	179.78876 (12013117)		
3873157.0   159.25062 (12121907)	162.49267 (12013117)	168.76499 (12013117)	
173.23786 (12013117)	177.81125 (12013117)		

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: 1002 \*\*\*  
INCLUDING SOURCE(S): 1002 ,

\*\*\* NETWORK ID: DESERTL ; NETWORK TYPE:  
GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD		X-COORD (METERS)
(METERS)	436850.40	

3874157.0	125.24282 (11112117)
3874107.0	129.34457 (11112117)
3874057.0	133.06659 (11112117)
3874007.0	136.87722 (11112117)
3873957.0	140.49805 (11112117)
3873907.0	143.95320 (11112117)

3873857.0 | 147.76947 (11112117)  
 3873807.0 | 151.37261 (11112117)  
 3873757.0 | 154.86462 (11112117)  
 3873707.0 | 157.72457 (13120417)  
 3873657.0 | 165.36425 (13120417)  
 3873607.0 | 172.54122 (13120417)  
 3873557.0 | 178.44477 (13120417)  
 3873507.0 | 181.88433 (13120417)  
 3873457.0 | 182.66748 (13120417)  
 3873407.0 | 181.94812 (12013117)  
 3873357.0 | 185.31095 (12013117)  
 3873307.0 | 185.49148 (12013117)  
 3873257.0 | 185.69427 (12013117)  
 3873207.0 | 184.28937 (12013117)  
 3873157.0 | 182.50507 (12013117)

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\*\*\* AERMET - VERSION 14134 \*\*\*  
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1002  
 INCLUDING SOURCE(S): 1002 ,

\*\*\* NETWORK ID: BORON ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD				X-COORD (METERS)
(METERS)		439957.60	440007.60	440057.60
		440107.60	440157.60	

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3874057.0	115.71308 (12011107)	116.21663 (12011107)	116.58197 (12011107)
116.83875 (12011107)	117.10579 (12011107)		
3874007.0	118.13648 (12011107)	118.50760 (12011107)	119.07292 (12011107)
119.24959 (12011107)	119.36261 (12011107)		
3873957.0	121.04027 (12011107)	121.30381 (12011107)	121.80846 (12011107)
121.92039 (12011107)	122.09311 (12011107)		
3873907.0	123.98759 (12011107)	124.40058 (12011107)	124.74237 (12011107)
125.03240 (12011107)	125.17711 (12011107)		
3873857.0	127.39142 (12011107)	127.50217 (12011107)	127.93196 (12011107)
128.31665 (12011107)	128.55606 (12011107)		
3873807.0	130.56173 (12011107)	131.01813 (12011107)	131.30306 (12011107)

131.68591 (12011107)	131.92200 (12011107)		
3873757.0   134.45572 (12011107)	134.75663 (12011107)	135.03200 (12011107)	
135.35632 (12111417)	136.24457 (12111417)		
3873707.0   138.32278 (12011107)	138.76374 (12011107)	139.21532 (12111417)	
140.10680 (12111417)	140.84500 (12111417)		
3873657.0   142.63780 (12011107)	143.63984 (12111417)	144.26650 (12111417)	
145.00838 (12111417)	145.61928 (12111417)		
3873607.0   148.16044 (12111417)	148.91315 (12111417)	149.79965 (12111417)	
150.13466 (12111417)	150.78211 (12111417)		
3873557.0   153.65531 (12111417)	154.57814 (12111417)	155.35890 (12111417)	
155.57387 (12111417)	156.16494 (12111417)		
3873507.0   159.96130 (12111417)	160.78074 (12111417)	161.48491 (12111417)	
161.93421 (12111417)	162.15809 (12111417)		
3873457.0   166.76836 (12111417)	167.52528 (12111417)	168.00359 (12111417)	
168.41702 (12111417)	168.70984 (12111417)		
3873407.0   174.26163 (12111417)	174.99005 (12111417)	175.64600 (12111417)	
175.80452 (12111417)	175.44975 (12111417)		
3873357.0   182.67965 (12111417)	183.42640 (12111417)	183.86927 (12111417)	
184.28122 (13010717)	184.52627 (13010717)		
3873307.0   192.34367 (12111417)	193.27053 (13010717)	194.32692 (13010717)	
194.62641 (13010717)	192.53307 (13010717)		
3873257.0   204.94672 (13010717)	206.40136 (13010717)	206.56296 (13010717)	
203.40174 (13010717)	196.36327 (13010717)		
3873207.0   223.25117 (13010717)	223.91087 (13010717)	217.12003 (13010717)	
208.37121 (13103117)	201.18959 (13103117)		
3873157.0   242.52856 (13010717)	230.93030 (13103117)	219.83221 (13103117)	
210.28934 (13103117)	200.33996 (13103117)		
3873107.0   244.90931 (13103117)	233.76584 (13103117)	220.11939 (13103117)	
208.49486 (13103117)	198.22577 (13103117)		
3873057.0   247.88985 (13103117)	231.89838 (13103117)	218.09043 (13103117)	
206.14988 (13103117)	195.68749 (13103117)		
3873007.0   245.25234 (13103117)	229.12305 (13103117)	215.26528 (13103117)	
203.36698 (13103117)	192.81374 (13103117)		
3872957.0   242.78754 (13103117)	226.46136 (13103117)	212.28375 (13103117)	
199.70581 (13103117)	189.13496 (13103117)		
3872907.0   238.37451 (13103117)	222.12425 (13103117)	208.24051 (13103117)	
196.23139 (13103117)	185.08422 (13103117)		
3872857.0   234.77328 (09110217)	218.12814 (13103117)	203.13752 (13103117)	
191.58199 (09110217)	181.72529 (09110217)		
3872807.0   230.96602 (09110217)	213.93449 (09110217)	200.24810 (09110217)	
188.74485 (09110217)	178.09771 (09110217)		
3872757.0   226.69475 (09110217)	210.03480 (09110217)	195.97426 (09110217)	
184.60723 (09110217)	174.31162 (09110217)		
3872707.0   222.36247 (09110217)	205.38665 (09110217)	191.77884 (09110217)	
175.62293 (09110217)	166.52948 (09110217)		
3872657.0   206.27871 (09110217)	192.85835 (09110217)	181.57420 (09110217)	
168.07403 (09110217)	159.44868 (09110217)		
3872607.0   201.31782 (09110217)	183.87562 (09110217)	171.43563 (09110217)	
160.46964 (09110217)	152.27584 (09110217)		
3872557.0   188.87293 (09110217)	173.93302 (09110217)	162.18445 (09110217)	

153.75828 (09110217) 145.83481 (09110217)

\*\*\* AERMOD - VERSION 19191 \*\*\* \*\*

\*\*\* 09/09/20

\*\*\* AERMET - VERSION 14134 \*\*\* \*\*

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: 1002 \*\*\*

INCLUDING SOURCE(S): 1002 ,

\*\*\* NETWORK ID: BORON ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD			X-COORD (METERS)
(METERS)	440207.60	440257.60	440307.60
	440357.60	440407.60	

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3874057.0	117.48614 (12011107)	117.81137 (12011107)	118.09614 (12011107)
118.34964 (12011107)	118.35456 (12011107)		
3874007.0	119.43013 (12011107)	120.32211 (12011107)	120.60272 (12011107)
120.60582 (12011107)	120.84555 (12011107)		
3873957.0	122.33879 (12011107)	122.95299 (12011107)	123.14368 (12011107)
123.22569 (12011107)	123.93837 (12111417)		
3873907.0	125.40729 (12011107)	125.72308 (12011107)	126.10061 (12111417)
126.75721 (12111417)	127.36905 (12111417)		
3873857.0	128.66512 (12011107)	129.26872 (12111417)	129.82273 (12111417)
130.52309 (12111417)	130.84586 (12111417)		
3873807.0	132.54008 (12111417)	133.17829 (12111417)	133.78974 (12111417)
134.28940 (12111417)	134.68715 (12111417)		
3873757.0	136.87314 (12111417)	137.48096 (12111417)	137.87372 (12111417)
138.28209 (12111417)	138.46747 (12111417)		
3873707.0	141.45066 (12111417)	141.94955 (12111417)	142.13975 (12111417)
142.54750 (12111417)	142.42031 (12111417)		
3873657.0	146.12318 (12111417)	146.53792 (12111417)	146.96817 (12111417)
146.95775 (12111417)	146.55590 (12111417)		
3873607.0	151.07563 (12111417)	151.40986 (12111417)	151.67625 (12111417)
151.16696 (12111417)	149.74265 (12111417)		
3873557.0	156.38409 (12111417)	156.57134 (12111417)	156.59685 (12111417)
155.20950 (13010717)	155.24891 (13010717)		
3873507.0	162.39372 (12111417)	161.92451 (12111417)	161.20993 (13010717)
161.36016 (13010717)	160.16214 (13010717)		
3873457.0	168.28615 (12111417)	167.81351 (13010717)	167.47770 (13010717)

166.13907 (13010717)	163.05584 (13010717)		
3873407.0   175.78633 (13010717)	175.04762 (13010717)	172.36390 (13010717)	
168.66299 (13010717)	165.30467 (13103117)		
3873357.0   183.07703 (13010717)	179.99266 (13010717)	174.99174 (13010717)	
172.23598 (13103117)	168.47221 (13103117)		
3873307.0   187.91592 (13010717)	182.93962 (13103117)	179.17143 (13103117)	
174.17469 (13103117)	168.63139 (13103117)		
3873257.0   191.33188 (13103117)	185.45567 (13103117)	179.52743 (13103117)	
173.16321 (13103117)	167.04045 (13103117)		
3873207.0   193.12508 (13103117)	185.25884 (13103117)	177.98753 (13103117)	
171.19442 (13103117)	164.84416 (13103117)		
3873157.0   191.23417 (13103117)	183.18435 (13103117)	175.75912 (13103117)	
168.83077 (13103117)	162.30916 (13103117)		
3873107.0   189.04030 (13103117)	180.80814 (13103117)	173.20593 (13103117)	
166.06085 (13103117)	159.17391 (13103117)		
3873057.0   186.46780 (13103117)	177.82926 (13103117)	170.01109 (13103117)	
162.72175 (13103117)	155.94811 (13103117)		
3873007.0   183.30125 (13103117)	174.52247 (13103117)	166.67353 (13103117)	
159.53622 (09110217)	153.38701 (09110217)		
3872957.0   179.70073 (13103117)	171.08400 (13103117)	163.42519 (09110217)	
156.86562 (09110217)	150.75596 (09110217)		
3872907.0   175.84721 (09110217)	167.89019 (09110217)	160.71991 (09110217)	
153.98564 (09110217)	147.61459 (09110217)		
3872857.0   172.90040 (09110217)	164.86121 (09110217)	157.24911 (09110217)	
150.51119 (09110217)	144.18893 (09110217)		
3872807.0   169.22859 (09110217)	161.23633 (09110217)	153.55256 (09110217)	
144.97327 (09110217)	138.73813 (09110217)		
3872757.0   165.30473 (09110217)	154.60621 (09110217)	147.49979 (09110217)	
140.82790 (09110217)	134.53230 (09110217)		
3872707.0   158.19148 (09110217)	150.47968 (09110217)	142.74273 (09110217)	
134.76382 (09110217)	129.56922 (09012907)		
3872657.0   151.45512 (09110217)	144.00790 (09110217)	136.80383 (09110217)	
133.10807 (09012907)	127.86887 (09012907)		
3872607.0   146.54435 (09110217)	138.90551 (09012907)	135.19456 (09012907)	
131.50359 (09012907)	127.62537 (09012907)		
3872557.0   141.39624 (09012907)	137.56511 (09012907)	133.99919 (09012907)	
130.40878 (09012907)	126.83041 (09012907)		

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\*\*\* MODELOPTs: RegDFault CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1002  
 INCLUDING SOURCE(S): 1002 ,

\*\*\* NETWORK ID: BORON ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

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Y-COORD (METERS)	440457.60	440507.60	X-COORD (METERS) 440557.60
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440607.60	440657.60
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3874057.0	118.49130 (12011107)	118.64764 (12111417)	119.14053 (12111417)
119.51681 (12111417)	119.83974 (12111417)		
3874007.0	121.12106 (12111417)	121.60084 (12111417)	122.17259 (12111417)
122.42246 (12111417)	122.52621 (12111417)		
3873957.0	124.40267 (12111417)	124.75221 (12111417)	125.21834 (12111417)
125.31772 (12111417)	125.26061 (12111417)		
3873907.0	127.78996 (12111417)	128.09845 (12111417)	128.27543 (12111417)
128.22179 (12111417)	127.85069 (12111417)		
3873857.0	131.32907 (12111417)	131.42219 (12111417)	131.53558 (12111417)
130.99087 (12111417)	129.89999 (12111417)		
3873807.0	134.95771 (12111417)	134.90998 (12111417)	134.51724 (12111417)
133.34951 (12111417)	131.43699 (13010717)		
3873757.0	138.62350 (12111417)	138.13249 (12111417)	136.97551 (12111417)
135.45984 (13010717)	135.50098 (13010717)		
3873707.0	142.12295 (12111417)	140.79499 (12111417)	139.90638 (13010717)
139.83733 (13010717)	139.16007 (13010717)		
3873657.0	145.02537 (12111417)	144.59776 (13010717)	144.23934 (13010717)
143.26585 (13010717)	141.41728 (13010717)		
3873607.0	149.83762 (13010717)	149.20455 (13010717)	147.69314 (13010717)
145.46918 (13010717)	142.47979 (13010717)		
3873557.0	154.37566 (13010717)	152.57011 (13010717)	149.87418 (13010717)
146.18038 (13010717)	144.90654 (13103117)		
3873507.0	157.68588 (13010717)	154.34869 (13010717)	151.39071 (13103117)
149.69233 (13103117)	147.26669 (13103117)		
3873457.0	159.04677 (13010717)	157.11937 (13103117)	154.48373 (13103117)
151.41678 (13103117)	147.81957 (13103117)		
3873407.0	162.79110 (13103117)	159.40314 (13103117)	155.39882 (13103117)
151.26106 (13103117)	146.96360 (13103117)		
3873357.0	164.10384 (13103117)	159.32288 (13103117)	154.51558 (13103117)
149.76522 (13103117)	145.11757 (13103117)		
3873307.0	163.15261 (13103117)	157.78626 (13103117)	152.61984 (13103117)
147.62024 (13103117)	142.77402 (13103117)		
3873257.0	161.20535 (13103117)	155.60798 (13103117)	150.21843 (13103117)
145.05900 (13103117)	140.06798 (13103117)		
3873207.0	158.82173 (13103117)	153.07373 (13103117)	147.56329 (13103117)
142.15382 (13103117)	137.64478 (09110217)		
3873157.0	156.08522 (13103117)	150.12778 (13103117)	144.52093 (09110217)
139.99263 (09110217)	135.63455 (09110217)		
3873107.0	152.84355 (13103117)	147.33728 (09110217)	142.47772 (09110217)

137.81313 (09110217)	133.32082 (09110217)		
3873057.0   150.35634 (09110217)	145.00558 (09110217)	140.01657 (09110217)	
135.23063 (09110217)	130.61665 (09110217)		
3873007.0   147.72414 (09110217)	142.37271 (09110217)	137.25747 (09110217)	
132.35296 (09110217)	127.62828 (09110217)		
3872957.0   144.98309 (09110217)	139.50041 (09110217)	134.26412 (09110217)	
129.24630 (09110217)	124.41914 (09110217)		
3872907.0   141.67302 (09110217)	136.03694 (09110217)	130.72245 (09110217)	
125.62685 (09110217)	120.73223 (09110217)		
3872857.0   138.11362 (09110217)	132.45220 (09110217)	127.05506 (09110217)	
121.77607 (09110217)	117.06025 (13121217)		
3872807.0   132.69849 (09110217)	127.06903 (09110217)	122.17492 (13121217)	
119.50824 (13121217)	117.00205 (13121217)		
3872757.0   127.74205 (09110217)	124.13860 (13121217)	121.36141 (13121217)	
118.75482 (13121217)	115.82553 (13121217)		
3872707.0   125.89362 (09012907)	122.97781 (09012907)	120.27859 (13121217)	
117.75165 (13121217)	115.36813 (13121217)		
3872657.0   124.70149 (09012907)	121.94201 (09012907)	119.34079 (09012907)	
116.88210 (09012907)	114.55303 (09012907)		
3872607.0   123.80463 (09012907)	120.69753 (09012907)	118.21262 (09012907)	
115.85966 (09012907)	113.62713 (09012907)		
3872557.0   122.25819 (09012907)	119.47596 (09012907)	116.63093 (09012907)	
114.39792 (09012907)	112.27336 (09012907)		

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1002 \*\*\*  
 INCLUDING SOURCE(S): 1002 ,

\*\*\* NETWORK ID: BORON ; NETWORK TYPE:  
 GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3  
 \*\*

Y-COORD			X-COORD (METERS)
(METERS)	440707.60	440757.60	440807.60
440857.60	440907.60		

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3874057.0	120.07062 (12111417)	120.18153 (12111417)	119.83246 (12111417)
119.09563 (12111417)	117.58064 (12111417)		
3874007.0	122.60035 (12111417)	122.24548 (12111417)	121.38302 (12111417)

119.93605 (12111417)	118.34124 (13010717)		
3873957.0   124.89992 (12111417)	123.99488 (12111417)	122.40236 (12111417)	
121.36093 (13010717)	121.50116 (13010717)		
3873907.0   126.82042 (12111417)	125.18917 (12111417)	124.55557 (13010717)	
124.66752 (13010717)	124.33130 (13010717)		
3873857.0   128.07842 (12111417)	127.96929 (13010717)	127.98748 (13010717)	
127.40582 (13010717)	126.26438 (13010717)		
3873807.0   131.62707 (13010717)	131.35351 (13010717)	130.54691 (13010717)	
129.08645 (13010717)	127.11927 (13010717)		
3873757.0   135.07988 (13010717)	133.94173 (13010717)	132.16241 (13010717)	
129.86345 (13010717)	126.97708 (13010717)		
3873707.0   137.49080 (13010717)	135.28098 (13010717)	132.67788 (13010717)	
130.68482 (13103117)	130.07491 (13103117)		
3873657.0   138.78127 (13010717)	135.56277 (13010717)	134.56580 (13103117)	
133.53451 (13103117)	132.02021 (13103117)		
3873607.0   140.00507 (13103117)	138.80713 (13103117)	137.09617 (13103117)	
135.05906 (13103117)	132.66643 (13103117)		
3873557.0   143.10602 (13103117)	140.76170 (13103117)	138.14840 (13103117)	
135.19393 (13103117)	132.10392 (13103117)		
3873507.0   144.40247 (13103117)	141.11993 (13103117)	137.75607 (13103117)	
134.26353 (13103117)	130.63888 (13103117)		
3873457.0   144.09825 (13103117)	140.23649 (13103117)	136.34557 (13103117)	
132.43886 (13103117)	128.56666 (13103117)		
3873407.0   142.67739 (13103117)	138.43186 (13103117)	134.25528 (13103117)	
130.14304 (13103117)	126.10369 (13103117)		
3873357.0   140.56370 (13103117)	136.11314 (13103117)	131.77103 (13103117)	
127.86423 (09110217)	124.57014 (09110217)		
3873307.0   138.05049 (13103117)	133.46091 (13103117)	129.73022 (09110217)	
126.21960 (09110217)	122.77694 (09110217)		
3873257.0   135.48404 (09110217)	131.63305 (09110217)	127.89682 (09110217)	
124.24564 (09110217)	120.67135 (09110217)		
3873207.0   133.56121 (09110217)	129.60263 (09110217)	125.74727 (09110217)	
121.98930 (09110217)	118.31566 (09110217)		
3873157.0   131.41923 (09110217)	127.33117 (09110217)	123.35600 (09110217)	
119.47692 (09110217)	115.69020 (09110217)		
3873107.0   128.97964 (09110217)	124.76686 (09110217)	120.67467 (09110217)	
116.58906 (09110217)	112.70853 (09110217)		
3873057.0   126.16089 (09110217)	121.84183 (09110217)	117.59738 (09110217)	
113.52112 (09110217)	109.55342 (09110217)		
3873007.0   123.07012 (09110217)	118.65536 (09110217)	114.36134 (09110217)	
110.17493 (09110217)	106.07471 (09110217)		
3872957.0   119.59666 (09110217)	115.11155 (09110217)	110.74416 (09110217)	
108.51355 (13121217)	106.49695 (13121217)		
3872907.0   116.02978 (13121217)	113.67040 (13121217)	111.31537 (13121217)	
109.21185 (13121217)	106.41439 (13121217)		
3872857.0   114.69493 (13121217)	112.45971 (13121217)	110.34254 (13121217)	
108.33299 (13121217)	106.27946 (13121217)		
3872807.0   114.64004 (13121217)	112.40827 (13121217)	110.13106 (13121217)	
107.53487 (13121217)	105.58166 (13121217)		
3872757.0   113.54296 (13121217)	111.38167 (13121217)	109.33063 (13121217)	



107.38086 (13121217)	105.14644 (13121217)		
3872707.0   113.11453 (13121217)	110.49210 (13121217)	108.12444 (13121217)	
106.24491 (13121217)	104.45166 (13121217)		
3872657.0   112.34267 (09012907)	110.23884 (09012907)	108.23346 (09012907)	
106.31877 (09012907)	104.48612 (09012907)		
3872607.0   111.50529 (09012907)	109.48491 (09012907)	106.95994 (09012907)	
105.15641 (09012907)	103.42901 (09012907)		
3872557.0   110.24899 (09012907)	108.31735 (09012907)	106.13760 (09012907)	
103.56030 (09012907)	101.93454 (09012907)		

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1002 \*\*\*  
 INCLUDING SOURCE(S): 1002 ,

\*\*\* NETWORK ID: BORON ; NETWORK TYPE:  
 GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD			X-COORD (METERS)
(METERS)	440957.60	441007.60	441057.60
441107.60	441157.60		

3874057.0	115.52291 (12111417)	115.77341 (13010717)	115.83885 (13010717)
115.60801 (13010717)	114.89581 (13010717)		
3874007.0	118.47485 (13010717)	118.46053 (13010717)	117.96082 (13010717)
117.10106 (13010717)	115.78055 (13010717)		
3873957.0	121.20429 (13010717)	120.52064 (13010717)	119.36300 (13010717)
117.84936 (13010717)	115.92563 (13010717)		
3873907.0	123.34161 (13010717)	121.84991 (13010717)	119.98166 (13010717)
117.77228 (13010717)	116.26337 (13103117)		
3873857.0	124.54074 (13010717)	122.34397 (13010717)	119.81975 (13010717)
119.37054 (13103117)	118.86121 (13103117)		
3873807.0	124.71164 (13010717)	122.97056 (13103117)	122.56335 (13103117)
121.71990 (13103117)	120.48035 (13103117)		
3873757.0	126.43442 (13103117)	125.75388 (13103117)	124.54449 (13103117)
122.89397 (13103117)	120.98506 (13103117)		
3873707.0	128.90804 (13103117)	127.30215 (13103117)	125.33207 (13103117)
123.07607 (13103117)	120.54341 (13103117)		
3873657.0	129.99246 (13103117)	127.64030 (13103117)	125.02146 (13103117)

122.25990 (13103117)	119.32932 (13103117)		
3873607.0   129.89326 (13103117)	126.96504 (13103117)	123.87584 (13103117)	
120.70520 (13103117)	117.50309 (13103117)		
3873557.0   128.82995 (13103117)	125.44926 (13103117)	122.04113 (13103117)	
118.64698 (13103117)	115.39028 (09110217)		
3873507.0   127.00585 (13103117)	123.37151 (13103117)	119.78295 (13103117)	
116.93418 (09110217)	114.31042 (09110217)		
3873457.0   124.73423 (13103117)	121.25936 (09110217)	118.42371 (09110217)	
115.60810 (09110217)	112.80216 (09110217)		
3873407.0   122.92604 (09110217)	119.87752 (09110217)	116.86785 (09110217)	
113.89747 (09110217)	110.96307 (09110217)		
3873357.0   121.33041 (09110217)	118.13192 (09110217)	114.98811 (09110217)	
111.87599 (09110217)	108.82427 (09110217)		
3873307.0   119.40491 (09110217)	116.07733 (09110217)	112.81755 (09110217)	
109.59417 (09110217)	106.42068 (09110217)		
3873257.0   117.17834 (09110217)	113.75843 (09110217)	110.38082 (09110217)	
107.05732 (09110217)	103.78671 (09110217)		
3873207.0   114.71524 (09110217)	111.18686 (09110217)	107.65625 (09110217)	
104.23904 (09110217)	100.89781 (09110217)		
3873157.0   111.94160 (09110217)	108.26894 (09110217)	104.71853 (09110217)	
101.23976 (09110217)	97.81834 (09110217)		
3873107.0   108.90446 (09110217)	105.19976 (09110217)	101.56792 (09110217)	
98.01435 (09110217)	94.53159 (09110217)		
3873057.0   105.67887 (09110217)	101.82801 (09110217)	98.13875 (09110217)	
94.52591 (09110217)	92.38487 (13121217)		
3873007.0   102.65352 (13121217)	100.84511 (13121217)	99.09511 (13121217)	
97.43893 (13121217)	95.87105 (13121217)		
3872957.0   104.54524 (13121217)	102.69769 (13121217)	100.97671 (13121217)	
99.37577 (13121217)	97.84131 (13121217)		
3872907.0   104.58881 (13121217)	102.84628 (13121217)	101.17998 (13121217)	
99.24519 (13121217)	97.73519 (13121217)		
3872857.0   104.39705 (13121217)	102.23787 (13121217)	100.53564 (13121217)	
98.90753 (13121217)	97.27579 (13121217)		
3872807.0   103.80808 (13121217)	102.11348 (13121217)	100.00178 (13121217)	
98.12444 (13121217)	96.67370 (13121217)		
3872757.0   103.10586 (13121217)	101.15411 (13121217)	99.58115 (13121217)	
98.07209 (13121217)	96.62265 (13121217)		
3872707.0   102.73791 (13121217)	100.78432 (13121217)	99.22886 (13121217)	
97.00324 (13121217)	95.60395 (13121217)		
3872657.0   101.74150 (09012907)	100.00407 (09012907)	98.44938 (09012907)	
96.95076 (09012907)	94.54659 (09012907)		
3872607.0   101.51045 (09012907)	99.41320 (09012907)	97.66664 (09012907)	
95.99265 (09012907)	94.63649 (09012907)		
3872557.0   100.37240 (09012907)	98.86994 (09012907)	97.42360 (09012907)	
95.89707 (09012907)	94.30064 (09012907)		
▲ *** AERMOD - VERSION 19191 ***	***	***	
	***	09/09/20	
*** AERMET - VERSION 14134 ***	***	***	
	***	21:13:29	

\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: 1002 \*\*\*

INCLUDING SOURCE(S): 1002 ,

\*\*\* NETWORK ID: BORON ; NETWORK TYPE:  
GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD			X-COORD (METERS)
(METERS)	441207.60	441257.60	441307.60
	441357.60	441407.60	

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-----

3874057.0	113.72273 (13010717)	112.10140 (13010717)	110.12227 (13010717)
107.84388 (13010717)	107.53806 (13103117)		
3874007.0	114.03025 (13010717)	111.86049 (13010717)	110.32612 (13103117)
110.19435 (13103117)	109.73762 (13103117)		
3873957.0	113.55152 (13010717)	113.19469 (13103117)	112.82349 (13103117)
112.11476 (13103117)	111.07459 (13103117)		
3873907.0	116.03979 (13103117)	115.42904 (13103117)	114.41814 (13103117)
113.12794 (13103117)	111.53757 (13103117)		
3873857.0	117.95387 (13103117)	116.68955 (13103117)	115.10461 (13103117)
113.24325 (13103117)	111.18230 (13103117)		
3873807.0	118.87796 (13103117)	116.97790 (13103117)	114.87235 (13103117)
112.56440 (13103117)	110.12857 (13103117)		
3873757.0	118.79998 (13103117)	116.40567 (13103117)	113.87667 (13103117)
111.23340 (13103117)	108.52151 (13103117)		
3873707.0	117.90617 (13103117)	115.13075 (13103117)	112.28419 (13103117)
109.40314 (13103117)	106.62501 (09110217)		
3873657.0	116.33211 (13103117)	113.30154 (13103117)	110.24896 (13103117)
108.00297 (09110217)	105.88654 (09110217)		
3873607.0	114.29043 (13103117)	111.55316 (09110217)	109.29256 (09110217)
106.99713 (09110217)	104.68178 (09110217)		
3873557.0	112.96255 (09110217)	110.51331 (09110217)	108.04374 (09110217)
105.57369 (09110217)	103.09311 (09110217)		
3873507.0	111.67559 (09110217)	109.04439 (09110217)	106.42490 (09110217)
103.80773 (09110217)	101.20827 (09110217)		
3873457.0	110.00922 (09110217)	107.24069 (09110217)	104.48815 (09110217)
101.74978 (09110217)	99.04664 (09110217)		
3873407.0	108.04120 (09110217)	105.14692 (09110217)	102.28141 (09110217)
99.43725 (09110217)	96.63075 (09110217)		
3873357.0	105.79155 (09110217)	102.78990 (09110217)	99.81997 (09110217)
96.87601 (09110217)	93.97790 (09110217)		
3873307.0	103.28161 (09110217)	100.20117 (09110217)	97.12561 (09110217)

94.09687 (09110217)	91.11975 (09110217)		
3873257.0   100.56474 (09110217)	97.37330 (09110217)	94.23488 (09110217)	
91.14001 (09110217)	88.10838 (09110217)		
3873207.0   97.61346 (09110217)	94.31569 (09110217)	91.11179 (09110217)	
87.94258 (09110217)	84.83891 (09110217)		
3873157.0   94.46462 (09110217)	91.07526 (09110217)	87.84200 (09110217)	
84.60349 (09110217)	81.03945 (09110217)		
3873107.0   91.03151 (09110217)	87.67959 (09110217)	84.39440 (09110217)	
85.68747 (13121217)	84.71588 (13121217)		
3873057.0   90.97995 (13121217)	89.56466 (13121217)	90.93662 (13121217)	
89.67754 (13121217)	88.53952 (13121217)		
3873007.0   95.62510 (13121217)	94.21394 (13121217)	92.85714 (13121217)	
91.42263 (13121217)	90.06470 (13121217)		
3872957.0   96.36872 (13121217)	94.88125 (13121217)	93.23295 (13121217)	
91.89878 (13121217)	90.12937 (13121217)		
3872907.0   96.04993 (13121217)	94.66853 (13121217)	93.33885 (13121217)	
91.83006 (13121217)	90.23195 (13121217)		
3872857.0   95.85242 (13121217)	94.48337 (13121217)	92.75625 (13121217)	
91.43319 (13121217)	90.22758 (13121217)		
3872807.0   95.27872 (13121217)	93.93601 (13121217)	92.64231 (13121217)	
91.39469 (13121217)	89.50481 (13121217)		
3872757.0   94.69903 (13121217)	93.38167 (13121217)	92.11157 (13121217)	
90.54389 (13121217)	88.83846 (13121217)		
3872707.0   94.25656 (13121217)	92.86036 (13121217)	91.42072 (13121217)	
89.83843 (13121217)	88.40430 (13121217)		
3872657.0   93.22280 (13121217)	91.85657 (13121217)	90.65105 (13121217)	
89.48563 (13121217)	88.15472 (13121217)		
3872607.0   93.32609 (09012907)	92.05775 (09012907)	90.16323 (09012907)	
89.00550 (09012907)	87.44145 (09012907)		
3872557.0   92.09487 (09012907)	90.90095 (09012907)	89.74416 (09012907)	
88.37568 (09012907)	86.92951 (09012907)		

\*\*\* AERMOD - VERSION 19191 \*\*\*  
 \*\*\* 09/09/20

\*\*\* AERMET - VERSION 14134 \*\*\*  
 \*\*\* 21:13:29

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1002 \*\*\*

INCLUDING SOURCE(S): 1002 ,

\*\*\* NETWORK ID: BORON ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD |

X-COORD (METERS)

(METERS) | 441457.60

-----  
-----  
3874057.0 | 107.31298 (13103117)  
3874007.0 | 108.96291 (13103117)  
3873957.0 | 109.75430 (13103117)  
3873907.0 | 109.72441 (13103117)  
3873857.0 | 108.96429 (13103117)  
3873807.0 | 107.60069 (13103117)  
3873757.0 | 105.77007 (13103117)  
3873707.0 | 104.69838 (09110217)  
3873657.0 | 103.73297 (09110217)  
3873607.0 | 102.34839 (09110217)  
3873557.0 | 100.62371 (09110217)  
3873507.0 | 98.61014 (09110217)  
3873457.0 | 96.35468 (09110217)  
3873407.0 | 93.84317 (09110217)  
3873357.0 | 91.12505 (09110217)  
3873307.0 | 88.19921 (09110217)  
3873257.0 | 85.09975 (09110217)  
3873207.0 | 81.47363 (09110217)  
3873157.0 | 77.83996 (09110217)  
3873107.0 | 83.96966 (13121217)  
3873057.0 | 87.37732 (13121217)  
3873007.0 | 88.57562 (13121217)  
3872957.0 | 88.95965 (13121217)  
3872907.0 | 89.06519 (13121217)  
3872857.0 | 88.85913 (13121217)  
3872807.0 | 88.28900 (13121217)  
3872757.0 | 87.35729 (13121217)  
3872707.0 | 87.01660 (13121217)  
3872657.0 | 86.22588 (13121217)  
3872607.0 | 85.68419 (09012907)  
3872557.0 | 85.27321 (09012907)

▲ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*\*  
\*\*\* 09/09/20

\*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*  
\*\*\* 21:13:29

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: 1002 \*\*\*  
INCLUDING SOURCE(S): 1002 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)
Y-COORD (M)	CONC	(YYMMDDHH)		
439914.30	3872794.00	249.91839	(09110217)	436262.90
3873356.00	136.74203	(12121907)		
435902.60	3873538.00	118.12262	(12013117)	435899.30
3873949.00	119.91936	(12013117)		
437456.80	3871498.00	292.54593	(09113007)	437556.80
3871496.00	299.96563	(10102007)		
437656.80	3871495.00	272.03003	(10102007)	437756.80
3871494.00	236.18606	(10102007)		
437856.80	3871492.00	212.72999	(10102007)	437956.80
3871491.00	191.10375	(10102007)		
438056.80	3871490.00	171.21946	(10102007)	438156.80
3871488.00	153.25732	(09010207)		
438256.80	3871487.00	143.16792	(09010207)	438356.80
3871486.00	133.26302	(09010207)		
438456.70	3871484.00	132.83939	(09010207)	438556.70
3871483.00	123.46751	(09010207)		
438656.70	3871482.00	118.06178	(09010207)	438756.70
3871480.00	105.78661	(09010207)		
438856.70	3871479.00	94.21250	(09010207)	438956.70
3871478.00	79.73342	(09010608)		
439056.70	3871476.00	73.78049	(13022207)	439156.70
3871475.00	75.68738	(13012117)		
439256.70	3871474.00	76.44987	(13012117)	439356.70
3871472.00	75.49742	(13012117)		
439456.60	3871471.00	78.51018	(13012117)	439556.60
3871470.00	80.88067	(13012117)		
439656.60	3871468.00	83.88719	(13012117)	439756.60
3871467.00	90.75917	(10012608)		
439856.60	3871466.00	94.80940	(10031507)	439877.70
3871465.00	94.89519	(10031507)		
439879.30	3871565.00	97.61730	(10031507)	439880.80
3871665.00	95.71573	(13111317)		
439882.40	3871765.00	95.42452	(13111317)	439884.00
3871865.00	103.67274	(11121207)		
439885.60	3871965.00	124.60853	(09010807)	439887.10
3872065.00	124.36211	(12022307)		
439888.70	3872165.00	133.50135	(12022307)	439890.30
3872265.00	142.93241	(12022307)		
439891.90	3872365.00	159.21291	(12022307)	439893.40
3872465.00	177.83357	(09110217)		
439895.00	3872565.00	210.56719	(09110217)	439896.60
3872665.00	243.10126	(09110217)		
439898.20	3872765.00	263.52890	(09110217)	439899.80

3872865.00	259.46151	(09110217)		
439901.30	3872965.00	259.24389	(09110217)	439902.90
3873065.00	260.76676	(09110217)		
439903.70	3873112.00	255.37308	(13010717)	439803.70
3873113.00	253.37973	(13010717)		
439703.70	3873114.00	246.95846	(13010717)	439603.70
3873115.00	240.01439	(13010717)		
439503.70	3873116.00	232.76205	(12111417)	439403.70
3873117.00	227.99871	(12111417)		
439303.70	3873118.00	222.93186	(12111417)	439203.70
3873120.00	216.95865	(12111417)		
439103.70	3873121.00	210.18038	(12011107)	439003.70
3873122.00	207.81584	(09122317)		
438903.70	3873123.00	213.99306	(13123017)	438803.70
3873124.00	216.83406	(13123017)		
438703.70	3873125.00	222.99073	(12110107)	438603.70
3873126.00	232.39391	(09012607)		
438503.80	3873127.00	236.59118	(09012607)	438403.80
3873128.00	238.45230	(09012607)		
438303.80	3873129.00	238.35550	(11112117)	438203.80
3873130.00	246.55614	(11112117)		
438103.80	3873131.00	253.12117	(11112117)	438003.80
3873132.00	257.83077	(11112117)		
437903.80	3873133.00	260.74746	(11112117)	437803.80
3873134.00	264.59503	(13120417)		
437703.80	3873135.00	271.43262	(13120417)	437603.80
3873137.00	270.97734	(13120417)		
437503.80	3873138.00	275.95762	(12013117)	437449.40
3873138.00	279.32195	(12013117)		
437449.80	3873038.00	281.52485	(12013117)	437450.30
3872938.00	285.53165	(12013117)		
437450.80	3872838.00	283.47926	(12013117)	437451.20
3872738.00	283.61614	(12013117)		
437451.70	3872638.00	280.27038	(12013117)	437452.10
3872538.00	275.48390	(12121907)		
437452.60	3872438.00	283.75876	(12121907)	437453.00
3872338.00	282.61487	(12121907)		

▲ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*  
                                 \*\*\*          09/09/20  
 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*  
                                 \*\*\*          21:13:29

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\*\*\* MODELOPTs:    RegDFault  CONC  ELEV  FLGPOL  RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP:  1002       \*\*\*  
   INCLUDING SOURCE(S):    1002       ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)
Y-COORD (M)	CONC	(YYMMDDHH)		
437453.50	3872238.00	290.33251	(09113007)	437453.90
3872138.00	290.26733	(09113007)		
437454.40	3872038.00	295.15872	(13121007)	437454.80
3871938.00	298.59000	(09113007)		
437455.30	3871838.00	299.35770	(09113007)	437455.70
3871738.00	300.76431	(09113007)		
437456.20	3871638.00	300.63081	(09113007)	437456.60
3871538.00	300.31762	(09113007)		

\*\*\* AERMOD - VERSION 19191 \*\*\*  
 \*\*\* 09/09/20  
 \*\*\* AERMET - VERSION 14134 \*\*\*  
 \*\*\* 21:13:29

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE SUMMARY OF MAXIMUM PERIOD ( 43872

HRS) RESULTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

GROUP ID	NETWORK	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV,
ZHILL, ZFLAG)	OF TYPE GRID-ID		
1002	1ST HIGHEST VALUE IS	4.00046 AT (	438233.00, 3872261.00, 752.00,
	752.00, 1.20) GC COURSE		
	2ND HIGHEST VALUE IS	3.67957 AT (	439733.00, 3872761.00, 751.70,
	751.70, 1.20) GC COURSE		
	3RD HIGHEST VALUE IS	3.62433 AT (	438733.00, 3872261.00, 753.00,
	753.00, 1.20) GC COURSE		
	4TH HIGHEST VALUE IS	3.60768 AT (	439233.00, 3872761.00, 748.00,
	748.00, 1.20) GC COURSE		
	5TH HIGHEST VALUE IS	3.55201 AT (	438733.00, 3872761.00, 747.00,
	747.00, 1.20) GC COURSE		
	6TH HIGHEST VALUE IS	3.50711 AT (	438233.00, 3872761.00, 747.50,



747.50, 1.20) GC COURSE  
 7TH HIGHEST VALUE IS 3.34771 AT ( 437733.00, 3872261.00, 750.00,  
 750.00, 1.20) GC COURSE  
 8TH HIGHEST VALUE IS 3.34749 AT ( 437733.00, 3871761.00, 752.00,  
 752.00, 1.20) GC COURSE  
 9TH HIGHEST VALUE IS 3.02089 AT ( 437733.00, 3872761.00, 746.00,  
 746.00, 1.20) GC COURSE  
 10TH HIGHEST VALUE IS 2.99489 AT ( 439233.00, 3872261.00, 755.10,  
 755.10, 1.20) GC COURSE

\*\*\* RECEPTOR TYPES: GC = GRIDCART  
 GP = GRIDPOLR  
 DC = DISCCART  
 DP = DISCPOLR

▲ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*  
 \*\*\* 09/09/20  
 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*  
 \*\*\* 21:13:29

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE SUMMARY OF HIGHEST 1-HR

RESULTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

GROUP ID (XR, YR, ZELEV, ZHILL, ZFLAG)	AVERAGE CONC OF TYPE	NETWORK GRID-ID	DATE (YYMMDDHH)	RECEPTOR
1002 HIGH 1ST HIGH VALUE IS	300.76431		ON 09113007: AT ( 437455.70,	
3871738.00, 750.00, 750.00,	1.20)	DC		

\*\*\* RECEPTOR TYPES: GC = GRIDCART  
 GP = GRIDPOLR  
 DC = DISCCART  
 DP = DISCPOLR

▲ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*  
 \*\*\* 09/09/20  
 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*  
 \*\*\* 21:13:29

\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\*\*\* Message Summary : AERMOD Model Execution \*\*\*

----- Summary of Total Messages -----

A Total of 0 Fatal Error Message(s)  
A Total of 2 Warning Message(s)  
A Total of 16969 Informational Message(s)  
  
A Total of 43872 Hours Were Processed  
  
A Total of 10164 Calm Hours Identified  
  
A Total of 6805 Missing Hours Identified ( 15.51 Percent)

CAUTION!: Number of Missing Hours Exceeds 10 Percent of Total!  
Data May Not Be Acceptable for Regulatory Applications.  
See Section 5.3.2 of "Meteorological Monitoring Guidance  
for Regulatory Modeling Applications" (EPA-454/R-99-005).

\*\*\*\*\* FATAL ERROR MESSAGES \*\*\*\*\*  
\*\*\* NONE \*\*\*

\*\*\*\*\* WARNING MESSAGES \*\*\*\*\*  
CO W200 5 TITLES: Missing Parameter(s). No Options Specified For  
TITLEONE  
CO W200 6 TITLES: Missing Parameter(s). No Options Specified For  
TITLETWO

\*\*\*\*\*  
\*\*\* AERMOD Finishes Successfully \*\*\*  
\*\*\*\*\*

## *AERMOD Output*

---

Project Site 3

\*\*AERMOD INPUT FILE CREATED BY HARP VERSION 19121

\*\*DATE CREATED: 8/12/2020 10:08:29 AM

\*\*

CO STARTING

TITLEONE

TITLETWO

MODELOPT DFAULT CONC

AVERTIME 1 PERIOD

POLLUTID OTHER

RUNORNOT RUN

FLAGPOLE 1.2

ERRORFIL "C:\Users\elinard\Desktop\8MINUTE\_CUP3\8MINUTE\_CUP3\_AERMOD.ERR"

CO FINISHED

\*\*

\*\*SOURCES

SO STARTING

\*\*SOURCES LOCATIONS

LOCATION 1003 AREAPOLY 435801 3871509 734

\*\*SOURCES PARAMETERS

SRCPARAM 1003 3.58322185034351E-07 3.1 5

AREAVERT 1003 435801 3871509 437449 3871510 437449 3873210 435836 3873232 435801

3871509

\*\*M-F

EMISFACT 1003 HRDOW 0 0 0 0 0 0

EMISFACT 1003 HRDOW 6.545455 6.545455 6.545455 6.545455 6.545455 6.545455

EMISFACT 1003 HRDOW 6.545455 6.545455 6.545455 6.545455 6.545455 0

EMISFACT 1003 HRDOW 0 0 0 0 0 0

\*\*Saturday

EMISFACT 1003 HRDOW 0 0 0 0 0 0

EMISFACT 1003 HRDOW 0 0 0 0 0 0

EMISFACT 1003 HRDOW 0 0 0 0 0 0

EMISFACT 1003 HRDOW 0 0 0 0 0 0

\*\*Sunday

EMISFACT 1003 HRDOW 0 0 0 0 0 0

EMISFACT 1003 HRDOW 0 0 0 0 0 0

EMISFACT 1003 HRDOW 0 0 0 0 0 0

EMISFACT 1003 HRDOW 0 0 0 0 0 0

SRCGROUP 1003 1003

SO FINISHED

\*\*

\*\*RECEPTORS

RE STARTING

INCLUDED "C:\Users\elinard\Desktop\8MINUTE\_CUP3\8MINUTE\_CUP3\_AERMAP.REC"

RE FINISHED

\*\*

\*\*MET PATHWAY

ME STARTING

ME SURFFILE "C:\Users\elinard\Desktop\8MINUTE\_CUP3\MET\723171.SFC"

ME PROFFILE "C:\Users\elinard\Desktop\8MINUTE\_CUP3\MET\723171.PFL"

ME SURFDATA 53144 2009

ME UAIRDATA 3190 2009  
ME SITEDATA 0 2009  
ME PROFBASE 694.3  
ME FINISHED  
\*\*  
\*\*OUTPUT PATHWAY  
OU STARTING  
RECTABLE ALLAVE 1ST  
RECTABLE 1 1ST  
PLOTFILE 1 1003 1ST "C:\Users\elinard\Desktop\8MINUTE\_CUP3\plt\MAX1HR1003.PLT" 31  
PLOTFILE PERIOD 1003 "C:\Users\elinard\Desktop\8MINUTE\_CUP3\plt\PERIOD1003.PLT"  
32  
OU FINISHED

\*\*\* Message Summary For AERMOD Model Setup \*\*\*

----- Summary of Total Messages -----

A Total of 0 Fatal Error Message(s)  
A Total of 2 Warning Message(s)  
A Total of 0 Informational Message(s)

\*\*\*\*\* FATAL ERROR MESSAGES \*\*\*\*\*  
\*\*\* NONE \*\*\*

\*\*\*\*\* WARNING MESSAGES \*\*\*\*\*  
CO W200 5 TITLES: Missing Parameter(s). No Options Specified For  
TITLEONE  
CO W200 6 TITLES: Missing Parameter(s). No Options Specified For  
TITLETWO

\*\*\*\*\*  
\*\*\* SETUP Finishes Successfully \*\*\*  
\*\*\*\*\*

\*\*\* AERMOD - VERSION 19191 \*\*\* \*\*  
\*\*\* 09/10/20  
\*\*\* AERMET - VERSION 14134 \*\*\* \*\*  
\*\*\* 07:11:24

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\*\*\* MODELOPTs: RegDFault CONC ELEV FLGPOL RURAL

\*\*\* MODEL SETUP OPTIONS SUMMARY

\*\*\*

-----  
-----

\*\*Model Is Setup For Calculation of Average CONCentration Values.

-- DEPOSITION LOGIC --

\*\*NO GAS DEPOSITION Data Provided.

\*\*NO PARTICLE DEPOSITION Data Provided.

\*\*Model Uses NO DRY DEPLETION. DRYDPLT = F

\*\*Model Uses NO WET DEPLETION. WETDPLT = F

\*\*Model Uses RURAL Dispersion Only.

\*\*Model Uses Regulatory DEFAULT Options:

1. Stack-tip Downwash.
2. Model Accounts for ELEVated Terrain Effects.
3. Use Calms Processing Routine.
4. Use Missing Data Processing Routine.
5. No Exponential Decay.

\*\*Other Options Specified:

CCVR\_Sub - Meteorological data includes CCVR substitutions

TEMP\_Sub - Meteorological data includes TEMP substitutions

\*\*Model Accepts FLAGPOLE Receptor Heights.

\*\*The User Specified a Pollutant Type of: OTHER

\*\*Model Calculates 1 Short Term Average(s) of: 1-HR  
and Calculates PERIOD Averages

\*\*This Run Includes: 1 Source(s); 1 Source Group(s); and 1476  
Receptor(s)

with: 0 POINT(s), including  
0 POINTCAP(s) and 0 POINTHOR(s)  
and: 0 VOLUME source(s)  
and: 1 AREA type source(s)  
and: 0 LINE source(s)  
and: 0 RLINE/RLINEXT source(s)  
and: 0 OPENPIT source(s)  
and: 0 BUOYANT LINE source(s) with 0 line(s)

\*\*Model Set To Continue RUNning After the Setup Testing.

\*\*The AERMET Input Meteorological Data Version Date: 14134

\*\*Output Options Selected:

Model Outputs Tables of PERIOD Averages by Receptor

Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE  
Keyword)

Model Outputs External File(s) of High Values for Plotting (PLOTFILE  
Keyword)

\*\*NOTE: The Following Flags May Appear Following CONC Values: c for Calm Hours  
m for Missing Hours  
b for Both Calm and

Missing Hours

\*\*Misc. Inputs: Base Elev. for Pot. Temp. Profile (m MSL) = 694.30 ; Decay  
Coef. = 0.000 ; Rot. Angle = 0.0  
Emission Units = GRAMS/SEC ;  
Emission Rate Unit Factor = 0.10000E+07  
Output Units = MICROGRAMS/M\*\*3

\*\*Approximate Storage Requirements of Model = 3.7 MB of RAM.

\*\*Input Runstream File: aermod.inp

\*\*Output Print File: aermod.out

\*\*Detailed Error/Message File:  
C:\Users\elinard\Desktop\8MINUTE\_CUP3\8MINUTE\_CUP3\_AERMOD.ERR

\*\*\* AERMOD - VERSION 19191 \*\*\* \*\*  
\*\*\* \*\*  
09/10/20  
\*\*\* AERMET - VERSION 14134 \*\*\* \*\*  
\*\*\* \*\*  
07:11:24

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\*\*\* AREAPOLY SOURCE DATA \*\*\*

INIT.	URBAN	NUMBER	EMISSION	LOCATION	OF	AREA	BASE	RELEASE	NUMBER
SOURCE	SOURCE	EMISSION	RATE	X	Y	ELEV.	HEIGHT	OF	VERTS.
SZ	SCALAR	VARY		(METERS)	(METERS)	(METERS)	(METERS)		
ID	CATS.	/METER**2)							
(METERS)	BY								

1003 0 0.35832E-06 435801.0 3871509.0 734.0 3.10 5  
0.00 NO HRDOW  
\*\*\* AERMOD - VERSION 19191 \*\*\* \*\*  
\*\*\* \*\*  
09/10/20  
\*\*\* AERMET - VERSION 14134 \*\*\* \*\*  
\*\*\* \*\*  
07:11:24

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* SOURCE IDs DEFINING SOURCE GROUPS \*\*\*

SRCGROUP ID  
-----

SOURCE IDs  
-----

1003 1003 ,  
\*\*\* AERMOD - VERSION 19191 \*\*\* \*\*  
\*\*\* 09/10/20  
\*\*\* AERMET - VERSION 14134 \*\*\* \*\*  
\*\*\* 07:11:24

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) \*

SOURCE ID = 1003 ; SOURCE TYPE = AREAPOLY :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR  
-----

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00  
6 .0000E+00 7 .6545E+01 8 .6545E+01  
9 .6545E+01 10 .6545E+01 11 .6545E+01 12 .6545E+01 13 .6545E+01  
14 .6545E+01 15 .6545E+01 16 .6545E+01  
17 .6545E+01 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00  
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00  
6 .0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00  
14 .0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00  
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00  
6 .0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00  
14 .0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00  
22 .0000E+00 23 .0000E+00 24 .0000E+00

\*\*\* AERMOD - VERSION 19191 \*\*\* \*\*



\*\*\* 09/10/20  
\*\*\* AERMET - VERSION 14134 \*\*\*  
\*\*\* 07:11:24

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* GRIDDED RECEPTOR NETWORK SUMMARY \*\*\*

\*\*\* NETWORK ID: COURSE ; NETWORK TYPE: GRIDCART

\*\*\*

\*\*\* X-COORDINATES OF GRID \*\*\*  
(METERS)

430733.0, 431233.0, 431733.0, 432233.0, 432733.0, 433233.0, 433733.0,  
434233.0, 434733.0, 435233.0,  
435733.0, 436233.0, 436733.0, 437233.0, 437733.0, 438233.0, 438733.0,  
439233.0, 439733.0, 440233.0,  
440733.0, 441233.0, 441733.0, 442233.0, 442733.0, 443233.0, 443733.0,  
444233.0, 444733.0, 445233.0,  
445733.0,

\*\*\* Y-COORDINATES OF GRID \*\*\*  
(METERS)

3864761.0, 3865261.0, 3865761.0, 3866261.0, 3866761.0, 3867261.0, 3867761.0,  
3868261.0, 3868761.0, 3869261.0,  
3869761.0, 3870261.0, 3870761.0, 3871261.0, 3871761.0, 3872261.0, 3872761.0,  
3873261.0, 3873761.0, 3874261.0,  
3874761.0, 3875261.0, 3875761.0, 3876261.0, 3876761.0, 3877261.0, 3877761.0,  
3878261.0, 3878761.0, 3879261.0,  
3879761.0,

\*\*\* AERMOD - VERSION 19191 \*\*\*  
\*\*\* 09/10/20

\*\*\* AERMET - VERSION 14134 \*\*\*  
\*\*\* 07:11:24

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* NETWORK ID: COURSE ; NETWORK TYPE: GRIDCART

\*\*\*

\* ELEVATION HEIGHTS IN METERS \*

Y-COORD (METERS)		X-COORD (METERS)
	430733.00	431233.00
433233.00	433733.00	434233.00
		431733.00
		432233.00
		432733.00
		434733.00

-----

3879761.00		744.00	779.70	750.30	737.30	737.90
739.30	743.20	743.10	749.90			
3879261.00		730.50	744.90	743.90	734.60	734.90
737.10	746.00	738.90	741.00			
3878761.00		725.80	729.60	732.10	732.60	732.60
734.30	734.30	737.60	737.60			
3878261.00		725.30	728.10	730.00	729.30	730.00
731.30	734.00	735.70	736.40			
3877761.00		723.00	725.50	726.30	726.50	727.60
729.00	732.50	733.40	733.30			
3877261.00		720.50	722.10	723.60	724.20	725.40
727.40	729.20	731.50	732.30			
3876761.00		718.40	720.00	721.10	722.00	723.90
725.10	727.20	728.40	728.50			
3876261.00		717.20	718.40	719.30	720.50	722.10
724.20	725.60	726.40	727.00			
3875761.00		714.90	716.10	717.30	719.30	720.50
722.30	724.40	723.90	725.40			
3875261.00		712.60	713.80	716.30	717.30	718.70
719.80	721.70	721.80	723.00			
3874761.00		711.10	712.90	714.50	716.30	716.60
717.70	718.70	719.40	721.80			
3874261.00		710.20	711.10	713.20	713.50	715.70
715.70	717.50	719.30	721.20			
3873761.00		709.90	710.40	711.40	712.30	713.20
714.40	716.00	718.40	720.80			
3873261.00		707.20	709.60	709.00	709.00	711.20
713.00	715.00	718.00	721.00			
3872761.00		706.40	707.60	709.00	709.00	711.00
713.00	715.00	718.00	722.00			
3872261.00		705.00	706.20	707.00	709.00	710.90
712.80	715.00	719.00	723.00			
3871761.00		704.10	705.60	707.00	707.00	710.30
713.00	715.00	719.00	724.00			
3871261.00		701.60	704.10	707.00	707.00	710.00
713.00	715.20	720.00	724.00			
3870761.00		700.70	701.50	707.00	707.00	709.00
712.00	715.00	719.10	723.80			
3870261.00		698.00	700.80	702.60	707.40	707.00
713.00	714.40	718.00	722.00			
3869761.00		696.00	699.10	707.00	707.00	707.00
713.00	714.00	716.00	721.00			
3869261.00		696.20	701.00	705.00	714.40	707.00
709.70	712.90	714.00	723.80			
3868761.00		704.40	704.10	707.60	708.00	709.00
710.00	713.00	720.90	730.60			
3868261.00		709.20	710.40	711.50	711.50	711.00
713.00	719.00	729.60	741.30			

3867761.00		719.10	717.90	716.00	715.00	715.00
717.80		726.40	736.30	750.90		
3867261.00		728.10	725.90	722.80	719.00	718.10
724.00		733.40	747.90	762.60		
3866761.00		748.20	740.30	739.90	727.60	724.00
732.40		744.40	762.60	781.70		
3866261.00		765.50	749.40	737.20	729.00	732.00
741.90		758.60	774.50	801.90		
3865761.00		762.60	743.50	734.00	730.30	737.00
751.40		769.30	794.00	832.00		
3865261.00		741.80	731.00	727.80	736.90	744.60
761.30		781.90	808.20	875.20		
3864761.00		724.10	725.10	732.00	744.10	754.30
767.80		789.90	818.20	856.60		

\*\*\* AERMOD - VERSION 19191 \*\*\* \*\*

\*\*\* 09/10/20

\*\*\* AERMET - VERSION 14134 \*\*\* \*\*

\*\*\* 07:11:24

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\*\*\* NETWORK ID: COURSE ; NETWORK TYPE: GRIDCART

\*\*\*

\* ELEVATION HEIGHTS IN METERS \*

Y-COORD		X-COORD (METERS)				
(METERS)		435233.00	435733.00	436233.00	436733.00	437233.00
437733.00		438233.00	438733.00	439233.00		

3879761.00		743.40	746.10	755.60	757.60	755.90
759.70		765.40	771.40	775.90		
3879261.00		740.90	743.80	778.00	789.80	792.10
762.50		771.20	768.70	774.40		
3878761.00		740.70	761.90	778.00	774.00	778.10
768.80		761.40	767.50	774.20		
3878261.00		753.10	748.40	771.60	749.70	727.00
731.70		756.20	761.40	766.60		
3877761.00		733.30	735.90	740.40	680.00	616.00
666.00		752.90	755.90	762.00		
3877261.00		732.40	733.50	736.20	738.80	737.60
749.00		749.60	753.70	757.30		
3876761.00		728.60	730.90	734.30	737.10	746.60
750.90		746.40	749.80	756.10		
3876261.00		727.90	728.90	731.20	734.00	741.20
740.90		742.70	749.20	764.20		
3875761.00		725.40	726.80	728.60	732.60	736.30

737.60	747.70	754.60	772.00			
3875261.00		724.50	725.70	728.70	731.50	734.50
736.60		744.20	757.50	769.90		
3874761.00		723.90	725.50	728.50	730.70	732.70
734.60		742.30	753.50	773.70		
3874261.00		724.00	727.40	728.20	731.40	732.90
734.30		736.70	743.80	760.00		
3873761.00		724.30	727.90	730.80	734.40	735.80
737.70		737.60	737.90	740.60		
3873261.00		725.00	729.00	733.00	737.40	739.40
740.10		741.50	741.50	743.30		
3872761.00		727.00	732.00	736.00	739.70	744.00
746.00		747.50	747.00	748.00		
3872261.00		728.00	733.00	737.20	741.40	746.00
750.00		752.00	753.00	755.10		
3871761.00		728.40	733.10	738.00	742.40	747.10
752.00		756.80	761.80	766.60		
3871261.00		729.00	734.00	737.40	743.00	749.50
756.00		761.70	762.40	769.90		
3870761.00		728.40	734.00	740.10	747.50	762.00
765.10		773.10	773.10	770.80		
3870261.00		728.00	735.00	742.00	750.00	758.10
767.00		774.00	780.00	779.80		
3869761.00		728.40	738.10	746.90	758.20	766.50
782.90		789.00	785.50	786.00		
3869261.00		734.00	745.10	757.10	770.10	783.10
812.20		821.50	795.10	795.10		
3868761.00		742.80	755.90	767.60	783.30	799.90
815.40		829.60	812.50	806.80		
3868261.00		754.90	769.60	782.50	801.10	827.20
888.40		913.70	835.40	818.60		
3867761.00		765.40	785.30	803.70	826.60	873.80
982.60		919.80	846.80	829.00		
3867261.00		779.90	798.50	823.40	857.60	968.80
991.30		934.10	854.70	843.00		
3866761.00		804.60	831.30	871.60	926.00	990.00
925.00		890.10	867.90	858.50		
3866261.00		827.60	866.90	960.40	938.00	933.50
931.30		901.80	887.20	879.00		
3865761.00		901.90	951.10	939.10	930.10	919.30
930.90		922.70	924.30	904.40		
3865261.00		916.70	931.40	917.90	910.80	904.50
907.50		909.80	918.10	930.40		
3864761.00		901.00	903.00	898.00	910.30	893.80
893.80		902.00	917.70	925.70		
*** AERMOD - VERSION		19191 ***	***			
		***	09/10/20			
*** AERMET - VERSION		14134 ***	***			
		***	07:11:24			

\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\*\*\* NETWORK ID: COURSE ; NETWORK TYPE: GRIDCART

\*\*\*

\* ELEVATION HEIGHTS IN METERS \*

Y-COORD (METERS)	X-COORD (METERS)			
	439733.00	440233.00	440733.00	441233.00 441733.00
442233.00	442733.00	443233.00	443733.00	

-----

3879761.00	782.20	788.80	795.40	802.10	807.40
825.10	855.30	882.50	831.70		
3879261.00	780.20	786.50	791.90	797.90	802.40
817.70	840.80	829.40	822.70		
3878761.00	776.00	780.80	785.60	789.90	795.40
804.40	825.40	835.30	814.00		
3878261.00	770.80	773.80	779.30	785.40	790.30
795.20	804.40	820.00	810.70		
3877761.00	766.00	773.40	782.90	781.00	781.40
787.60	794.30	802.10	804.30		
3877261.00	762.80	765.40	774.30	775.60	775.20
778.70	783.50	789.40	794.50		
3876761.00	763.40	774.20	769.30	768.10	770.50
773.50	776.40	780.90	785.90		
3876261.00	768.50	763.90	764.20	771.70	783.70
774.90	771.50	776.10	778.60		
3875761.00	760.90	755.50	762.00	793.80	794.60
775.50	766.60	770.00	770.00		
3875261.00	773.70	753.10	754.80	762.60	767.40
764.10	762.30	763.20	763.80		
3874761.00	781.80	749.80	748.90	752.50	756.00
757.80	759.20	757.80	760.20		
3874261.00	750.60	744.90	749.20	749.40	752.00
753.60	754.50	755.50	757.30		
3873761.00	743.30	745.00	746.50	748.60	750.50
753.10	755.30	754.80	755.40		
3873261.00	745.50	747.90	750.20	752.10	753.10
755.30	758.00	759.70	759.50		
3872761.00	751.70	753.50	755.00	756.50	759.10
761.90	763.00	764.00	766.00		
3872261.00	758.10	760.00	761.10	761.00	763.20
767.80	768.00	769.10	771.10		
3871761.00	768.00	767.00	767.90	767.80	768.00
771.00	774.00	775.70	777.00		
3871261.00	771.50	772.00	772.90	774.00	774.00
776.00	780.00	783.00	783.40		

3870761.00		776.10	779.90	780.00	780.50	786.10
783.10		786.10	791.90	792.00		
3870261.00		774.00	786.10	786.00	788.30	795.10
806.40		803.40	798.80	798.80		
3869761.00		784.50	783.10	794.80	802.20	806.50
810.00		823.00	810.00	811.30		
3869261.00		794.00	790.10	798.70	815.50	824.40
826.10		824.10	818.00	822.80		
3868761.00		802.50	796.80	796.80	817.30	847.10
844.60		838.00	827.90	829.80		
3868261.00		811.30	803.50	800.50	804.00	818.60
835.80		844.60	834.10	827.20		
3867761.00		823.60	813.90	809.00	809.00	810.00
814.70		825.30	840.90	829.00		
3867261.00		834.80	824.70	818.80	816.80	816.80
816.80		818.00	823.40	836.00		
3866761.00		851.80	842.40	835.50	830.50	826.50
825.50		824.00	827.10	833.80		
3866261.00		880.30	868.20	855.50	846.10	838.00
834.00		832.60	833.20	834.00		
3865761.00		912.00	895.70	877.90	863.20	853.70
846.00		840.90	842.00	841.00		
3865261.00		938.70	926.30	897.20	879.00	865.90
855.60		851.50	848.00	846.90		
3864761.00		939.40	942.10	909.90	891.60	876.00
865.20		859.10	853.90	852.10		

^ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*\*  
                                       \*\*\*                      09/10/20  
 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*  
                                       \*\*\*                      07:11:24

PAGE 9

\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\*\*\* NETWORK ID: COURSE ; NETWORK TYPE: GRIDCART

\*\*\*

\* ELEVATION HEIGHTS IN METERS \*

Y-COORD (METERS)					X-COORD (METERS)
		444233.00	444733.00	445233.00	445733.00
3879761.00		841.70	833.10	828.40	820.70
3879261.00		829.20	823.90	818.10	814.30
3878761.00		818.80	816.90	813.90	807.50
3878261.00		814.00	808.00	805.10	801.00
3877761.00		805.20	798.30	798.20	796.70
3877261.00		795.90	789.40	790.70	791.70

3876761.00	785.80	783.30	786.30	786.10
3876261.00	778.60	777.10	786.30	782.20
3875761.00	770.80	777.70	780.40	777.20
3875261.00	767.30	767.80	771.20	772.70
3874761.00	762.50	761.80	762.30	765.10
3874261.00	758.30	758.30	759.50	761.40
3873761.00	756.90	757.10	756.40	757.40
3873261.00	760.70	761.70	759.20	757.40
3872761.00	767.00	767.50	765.60	762.00
3872261.00	774.00	774.00	770.00	767.00
3871761.00	780.80	778.00	774.00	771.90
3871261.00	786.80	783.90	780.00	777.50
3870761.00	792.00	792.00	787.30	787.10
3870261.00	798.00	798.10	801.80	799.80
3869761.00	805.00	814.60	830.60	814.20
3869261.00	816.80	818.00	828.20	823.00
3868761.00	817.10	822.70	835.40	827.90
3868261.00	823.00	831.20	839.40	847.90
3867761.00	828.00	835.10	849.70	860.90
3867261.00	836.00	838.10	846.80	853.40
3866761.00	840.00	846.50	851.60	854.90
3866261.00	840.00	851.10	865.10	867.10
3865761.00	843.00	852.80	864.80	885.80
3865261.00	846.70	855.10	865.90	879.40
3864761.00	852.00	859.20	874.90	893.00

^ \*\*\* AERMOD - VERSION 19191 \*\*\*  
 \*\*\* 09/10/20  
 \*\*\* AERMET - VERSION 14134 \*\*\*  
 \*\*\* 07:11:24

PAGE 10

\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\*\*\* NETWORK ID: COURSE ; NETWORK TYPE: GRIDCART

\*\*\*

\* HILL HEIGHT SCALES IN METERS \*

Y-COORD (METERS)	X-COORD (METERS)				
	430733.00	431233.00	431733.00	432233.00	432733.00
433233.00	433733.00	434233.00	434733.00		

3879761.00	744.00	798.90	798.90	737.30	737.90
739.30	743.20	743.10	779.40		
3879261.00	730.50	798.90	762.30	734.60	734.90
737.10	753.50	738.90	741.00		
3878761.00	750.40	729.60	732.10	732.60	732.60
753.20	734.30	737.60	737.60		

3878261.00		725.30	728.10	730.00	729.30	730.00
731.30		734.00	735.70	736.40		
3877761.00		723.00	725.50	726.30	726.50	727.60
729.00		732.50	733.40	733.30		
3877261.00		720.50	722.10	723.60	724.20	725.40
727.40		729.20	731.50	732.30		
3876761.00		718.40	720.00	721.10	722.00	723.90
725.10		727.20	728.40	728.50		
3876261.00		717.20	718.40	719.30	720.50	722.10
724.20		725.60	726.40	727.00		
3875761.00		714.90	716.10	717.30	719.30	720.50
722.30		724.40	723.90	725.40		
3875261.00		712.60	713.80	716.30	717.30	718.70
719.80		721.70	721.80	723.00		
3874761.00		711.10	712.90	714.50	716.30	716.60
717.70		718.70	719.40	721.80		
3874261.00		710.20	711.10	713.20	713.50	715.70
715.70		717.50	719.30	721.20		
3873761.00		709.90	710.40	711.40	712.30	713.20
714.40		716.00	718.40	720.80		
3873261.00		707.20	709.60	709.00	709.00	711.20
713.00		715.00	718.00	721.00		
3872761.00		706.40	707.60	709.00	709.00	711.00
713.00		715.00	718.00	722.00		
3872261.00		705.00	706.20	707.00	709.00	710.90
712.80		715.00	719.00	723.00		
3871761.00		704.10	705.60	707.00	707.00	710.30
713.00		715.00	719.00	724.00		
3871261.00		701.60	704.10	707.00	707.00	710.00
713.00		715.20	720.00	724.00		
3870761.00		700.70	701.50	707.00	707.00	709.00
712.00		715.00	719.10	723.80		
3870261.00		698.00	700.80	702.60	707.40	707.00
713.00		714.40	718.00	722.00		
3869761.00		696.00	699.10	707.00	707.00	707.00
713.00		714.00	716.00	721.00		
3869261.00		696.20	701.00	705.00	714.40	707.00
709.70		712.90	714.00	723.80		
3868761.00		704.40	704.10	707.60	708.00	709.00
710.00		713.00	720.90	730.60		
3868261.00		709.20	710.40	711.50	711.50	711.00
713.00		719.00	729.60	741.30		
3867761.00		719.10	717.90	716.00	715.00	715.00
717.80		726.40	736.30	965.00		
3867261.00		728.10	725.90	722.80	719.00	718.10
724.00		733.40	961.00	970.00		
3866761.00		748.20	740.30	750.00	727.60	724.00
732.40		941.00	961.00	971.00		
3866261.00		765.50	749.40	737.20	729.00	732.00
741.90		961.00	961.00	971.00		



3865761.00		766.00	743.50	734.00	730.30	737.00
751.40		941.00	961.00	961.00		
3865261.00		774.80	731.00	727.80	736.90	744.60
761.30		933.00	961.00	933.00		
3864761.00		724.10	725.10	732.00	744.10	754.30
767.80		789.90	922.00	922.00		

▲ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*\*  
\*\*\*  
09/10/20  
\*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*  
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07:11:24

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* NETWORK ID: COURSE ; NETWORK TYPE: GRIDCART

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\* HILL HEIGHT SCALES IN METERS \*

Y-COORD		X-COORD (METERS)				
(METERS)		435233.00	435733.00	436233.00	436733.00	437233.00
437733.00		438233.00	438733.00	439233.00		

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3879761.00		743.40	746.10	772.10	789.40	783.30
759.70		765.40	771.40	775.90		
3879261.00		740.90	767.50	778.00	789.80	792.10
783.00		779.70	768.70	774.40		
3878761.00		765.00	761.90	795.20	795.50	780.30
777.20		761.40	767.50	774.20		
3878261.00		753.10	764.70	771.60	749.70	788.20
774.20		756.20	761.40	789.40		
3877761.00		733.30	735.90	740.40	795.50	797.70
780.30		752.90	755.90	762.00		
3877261.00		732.40	733.50	736.20	738.80	737.60
749.00		749.60	753.70	757.30		
3876761.00		728.60	730.90	734.30	737.10	746.60
750.90		746.40	749.80	756.10		
3876261.00		727.90	728.90	731.20	734.00	741.20
740.90		742.70	749.20	801.00		
3875761.00		725.40	726.80	728.60	732.60	736.30
737.60		747.70	754.60	790.00		
3875261.00		724.50	725.70	728.70	731.50	734.50
736.60		744.20	757.50	769.90		
3874761.00		723.90	725.50	728.50	730.70	732.70
734.60		742.30	753.50	789.10		
3874261.00		724.00	727.40	728.20	731.40	732.90
734.30		736.70	743.80	762.00		
3873761.00		724.30	727.90	730.80	734.40	735.80

737.70	737.60	737.90	740.60			
3873261.00		725.00	729.00	733.00	737.40	739.40
740.10		741.50	741.50	743.30		
3872761.00		727.00	732.00	736.00	739.70	744.00
746.00		747.50	747.00	748.00		
3872261.00		728.00	733.00	737.20	741.40	746.00
750.00		752.00	753.00	755.10		
3871761.00		728.40	733.10	738.00	742.40	747.10
752.00		756.80	761.80	766.60		
3871261.00		729.00	734.00	737.40	743.00	749.50
756.00		761.70	762.40	769.90		
3870761.00		728.40	734.00	740.10	747.50	762.00
765.10		773.10	773.10	770.80		
3870261.00		728.00	735.00	742.00	750.00	899.00
899.00		899.00	899.00	779.80		
3869761.00		728.40	738.10	1015.00	1034.00	1034.00
1034.00		1023.00	970.00	786.00		
3869261.00		734.00	1026.00	1034.00	1034.00	1034.00
1034.00		1034.00	1034.00	1034.00		
3868761.00		1026.00	1034.00	1034.00	1034.00	1034.00
1034.00		1034.00	1034.00	1034.00		
3868261.00		1026.00	1034.00	1034.00	1034.00	1034.00
1034.00		1034.00	1034.00	1034.00		
3867761.00		1026.00	1034.00	1034.00	1034.00	1034.00
1034.00		1034.00	1034.00	1034.00		
3867261.00		1026.00	1034.00	1034.00	1034.00	1026.00
1034.00		1034.00	1034.00	1034.00		
3866761.00		971.00	1026.00	1026.00	1026.00	1001.00
1034.00		1034.00	1034.00	1034.00		
3866261.00		971.00	971.00	960.40	972.00	1001.00
996.00		1034.00	1034.00	879.00		
3865761.00		961.00	961.00	971.00	957.00	926.00
964.00		964.00	945.00	904.40		
3865261.00		916.70	941.00	917.90	946.00	904.50
907.50		909.80	918.10	930.40		
3864761.00		909.00	903.00	898.00	910.30	893.80
893.80		902.00	917.70	925.70		

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^ *** AERMOD - VERSION 19191 *** ***
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***                               09/10/20
*** AERMET - VERSION 14134 *** ***
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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* NETWORK ID: COURSE ; NETWORK TYPE: GRIDCART

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\* HILL HEIGHT SCALES IN METERS \*

Y-COORD (METERS)					X-COORD (METERS)	
	439733.00	440233.00	440733.00	441233.00	441733.00	
442233.00	442733.00	443233.00	443733.00			

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3879761.00		782.20	788.80	795.40	802.10	807.40
939.10	939.10	939.10	939.10	939.10		
3879261.00		780.20	786.50	791.90	797.90	802.40
939.10	939.10	939.10	939.10	939.10		
3878761.00		776.00	780.80	785.60	789.90	795.40
935.70	935.70	935.70	935.70	935.70		
3878261.00		770.80	773.80	779.30	785.40	790.30
795.20	804.40	820.00	810.70			
3877761.00		766.00	773.40	782.90	781.00	781.40
787.60	794.30	802.10	804.30			
3877261.00		762.80	765.40	774.30	775.60	775.20
778.70	783.50	789.40	794.50			
3876761.00		763.40	774.20	769.30	768.10	770.50
773.50	776.40	780.90	785.90			
3876261.00		801.00	763.90	764.20	771.70	783.70
812.90	771.50	776.10	778.60			
3875761.00		760.90	755.50	762.00	796.70	810.80
812.90	766.60	770.00	770.00			
3875261.00		777.80	753.10	754.80	762.60	767.40
764.10	762.30	763.20	763.80			
3874761.00		806.50	806.50	748.90	752.50	756.00
757.80	759.20	757.80	760.20			
3874261.00		750.60	744.90	755.00	749.40	752.00
753.60	754.50	755.50	757.30			
3873761.00		743.30	745.00	746.50	748.60	750.50
753.10	755.30	754.80	755.40			
3873261.00		745.50	747.90	750.20	752.10	753.10
755.30	758.00	759.70	759.50			
3872761.00		751.70	753.50	755.00	756.50	759.10
761.90	763.00	764.00	766.00			
3872261.00		758.10	760.00	761.10	761.00	763.20
767.80	768.00	769.10	771.10			
3871761.00		768.00	767.00	767.90	767.80	768.00
771.00	774.00	775.70	777.00			
3871261.00		771.50	772.00	772.90	774.00	774.00
776.00	780.00	783.00	783.40			
3870761.00		776.10	779.90	780.00	780.50	786.10
783.10	786.10	791.90	792.00			
3870261.00		774.00	786.10	786.00	788.30	795.10
806.40	803.40	798.80	798.80			
3869761.00		784.50	783.10	794.80	802.20	806.50
810.00	823.00	810.00	817.00			
3869261.00		794.00	790.10	798.70	815.50	824.40
826.10	824.10	818.00	822.80			

3868761.00	1025.00	796.80	796.80	823.00	847.10
844.60	838.00	827.90	829.80		
3868261.00	1034.00	803.50	800.50	804.00	818.60
841.00	844.60	834.10	827.20		
3867761.00	1034.00	813.90	809.00	809.00	810.00
814.70	825.30	840.90	829.00		
3867261.00	1034.00	824.70	818.80	816.80	816.80
816.80	818.00	823.40	836.00		
3866761.00	851.80	842.40	835.50	830.50	826.50
825.50	824.00	827.10	833.80		
3866261.00	928.00	927.00	855.50	846.10	838.00
834.00	832.60	833.20	834.00		
3865761.00	930.00	928.00	916.00	863.20	853.70
846.00	840.90	842.00	841.00		
3865261.00	938.70	926.30	915.00	879.00	865.90
855.60	851.50	848.00	846.90		
3864761.00	939.40	942.10	932.00	891.60	876.00
865.20	859.10	853.90	852.10		

▲ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*\*  
                                   \*\*\*          09/10/20  
 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*  
                                   \*\*\*          07:11:24

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* NETWORK ID: COURSE ; NETWORK TYPE: GRIDCART

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\* HILL HEIGHT SCALES IN METERS \*

Y-COORD (METERS)	444233.00	444733.00	445233.00	X-COORD (METERS) 445733.00
3879761.00	841.70	833.10	828.40	820.70
3879261.00	829.20	823.90	818.10	814.30
3878761.00	818.80	816.90	813.90	807.50
3878261.00	814.00	808.00	805.10	801.00
3877761.00	805.20	798.30	798.20	796.70
3877261.00	795.90	789.40	790.70	791.70
3876761.00	785.80	783.30	786.30	786.10
3876261.00	778.60	777.10	786.30	782.20
3875761.00	770.80	777.70	780.40	777.20
3875261.00	767.30	767.80	771.20	772.70
3874761.00	762.50	761.80	762.30	765.10
3874261.00	758.30	758.30	759.50	761.40
3873761.00	756.90	757.10	756.40	757.40
3873261.00	760.70	761.70	759.20	757.40

3872761.00	767.00	767.50	765.60	762.00
3872261.00	774.00	774.00	770.00	767.00
3871761.00	780.80	778.00	774.00	771.90
3871261.00	786.80	783.90	780.00	777.50
3870761.00	792.00	792.00	787.30	787.10
3870261.00	798.00	798.10	801.80	799.80
3869761.00	805.00	814.60	830.60	814.20
3869261.00	823.00	818.00	828.20	823.00
3868761.00	817.10	822.70	835.40	827.90
3868261.00	823.00	831.20	842.00	860.00
3867761.00	828.00	835.10	849.70	860.90
3867261.00	836.00	838.10	846.80	853.40
3866761.00	840.00	846.50	851.60	854.90
3866261.00	840.00	851.10	865.10	867.10
3865761.00	843.00	852.80	864.80	885.80
3865261.00	846.70	855.10	865.90	910.00
3864761.00	852.00	859.20	874.90	893.00

\*\*\* AERMOD - VERSION 19191 \*\*\*

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09/10/20

\*\*\* AERMET - VERSION 14134 \*\*\*

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07:11:24

PAGE 14

\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\*\*\* NETWORK ID: COURSE ; NETWORK TYPE: GRIDCART

\*\*\*

\* RECEPTOR FLAGPOLE HEIGHTS IN METERS \*

Y-COORD (METERS)	X-COORD (METERS)				
	430733.00	431233.00	431733.00	432233.00	432733.00
433233.00	433733.00	434233.00	434733.00		

3879761.00	1.20	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20		
3879261.00	1.20	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20		
3878761.00	1.20	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20		
3878261.00	1.20	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20		
3877761.00	1.20	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20		
3877261.00	1.20	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20		
3876761.00	1.20	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20		

3876261.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3875761.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3875261.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3874761.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3874261.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3873761.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3873261.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3872761.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3872261.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3871761.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3871261.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3870761.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3870261.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3869761.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3869261.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3868761.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3868261.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3867761.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3867261.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3866761.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3866261.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3865761.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3865261.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3864761.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		

\*\*\* AERMET - VERSION 14134 \*\*\*  
 \*\*\* 07:11:24

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* NETWORK ID: COURSE ; NETWORK TYPE: GRIDCART

\*\*\*

\* RECEPTOR FLAGPOLE HEIGHTS IN METERS \*

Y-COORD (METERS)	X-COORD (METERS)				
	435233.00	435733.00	436233.00	436733.00	437233.00
437733.00	438233.00	438733.00	439233.00		

3879761.00	1.20	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20	1.20	1.20
3879261.00	1.20	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20	1.20	1.20
3878761.00	1.20	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20	1.20	1.20
3878261.00	1.20	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20	1.20	1.20
3877761.00	1.20	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20	1.20	1.20
3877261.00	1.20	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20	1.20	1.20
3876761.00	1.20	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20	1.20	1.20
3876261.00	1.20	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20	1.20	1.20
3875761.00	1.20	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20	1.20	1.20
3875261.00	1.20	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20	1.20	1.20
3874761.00	1.20	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20	1.20	1.20
3874261.00	1.20	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20	1.20	1.20
3873761.00	1.20	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20	1.20	1.20
3873261.00	1.20	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20	1.20	1.20
3872761.00	1.20	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20	1.20	1.20
3872261.00	1.20	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20	1.20	1.20
3871761.00	1.20	1.20	1.20	1.20	1.20	1.20







3866761.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3866261.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3865761.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3865261.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3864761.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		

▲ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*  
\*\*\* 09/10/20  
\*\*\* AERMET - VERSION 14134 \*\*\* \*\*  
\*\*\* 07:11:24

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\*\*\* NETWORK ID: COURSE ; NETWORK TYPE: GRIDCART

\*\*\*

\* RECEPTOR FLAGPOLE HEIGHTS IN METERS \*

Y-COORD					X-COORD (METERS)
(METERS)		444233.00	444733.00	445233.00	445733.00

3879761.00		1.20	1.20	1.20	1.20
3879261.00		1.20	1.20	1.20	1.20
3878761.00		1.20	1.20	1.20	1.20
3878261.00		1.20	1.20	1.20	1.20
3877761.00		1.20	1.20	1.20	1.20
3877261.00		1.20	1.20	1.20	1.20
3876761.00		1.20	1.20	1.20	1.20
3876261.00		1.20	1.20	1.20	1.20
3875761.00		1.20	1.20	1.20	1.20
3875261.00		1.20	1.20	1.20	1.20
3874761.00		1.20	1.20	1.20	1.20
3874261.00		1.20	1.20	1.20	1.20
3873761.00		1.20	1.20	1.20	1.20
3873261.00		1.20	1.20	1.20	1.20
3872761.00		1.20	1.20	1.20	1.20
3872261.00		1.20	1.20	1.20	1.20
3871761.00		1.20	1.20	1.20	1.20
3871261.00		1.20	1.20	1.20	1.20
3870761.00		1.20	1.20	1.20	1.20
3870261.00		1.20	1.20	1.20	1.20
3869761.00		1.20	1.20	1.20	1.20
3869261.00		1.20	1.20	1.20	1.20

3868761.00	1.20	1.20	1.20	1.20
3868261.00	1.20	1.20	1.20	1.20
3867761.00	1.20	1.20	1.20	1.20
3867261.00	1.20	1.20	1.20	1.20
3866761.00	1.20	1.20	1.20	1.20
3866261.00	1.20	1.20	1.20	1.20
3865761.00	1.20	1.20	1.20	1.20
3865261.00	1.20	1.20	1.20	1.20
3864761.00	1.20	1.20	1.20	1.20

▲ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*  
\*\*\* \*\*  
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\*\*\* AERMET - VERSION 14134 \*\*\* \*\*  
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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* GRIDDED RECEPTOR NETWORK SUMMARY \*\*\*

\*\*\* NETWORK ID: DESERTL ; NETWORK TYPE: GRIDCART

\*\*\*

\*\*\* X-COORDINATES OF GRID \*\*\*  
(METERS)

435850.4, 435900.4, 435950.4, 436000.4, 436050.4, 436100.4, 436150.4,  
436200.4, 436250.4, 436300.4,  
436350.4, 436400.4, 436450.4, 436500.4, 436550.4, 436600.4, 436650.4,  
436700.4, 436750.4, 436800.4,  
436850.4,

\*\*\* Y-COORDINATES OF GRID \*\*\*  
(METERS)

3873157.0, 3873207.0, 3873257.0, 3873307.0, 3873357.0, 3873407.0, 3873457.0,  
3873507.0, 3873557.0, 3873607.0,  
3873657.0, 3873707.0, 3873757.0, 3873807.0, 3873857.0, 3873907.0, 3873957.0,  
3874007.0, 3874057.0, 3874107.0,  
3874157.0,

▲ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*  
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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* NETWORK ID: DESERTL ; NETWORK TYPE: GRIDCART

\*\*\*

\* ELEVATION HEIGHTS IN METERS \*

Y-COORD (METERS)	X-COORD (METERS)				
	435850.40	435900.40	435950.40	436000.40	436050.40
436100.40	436150.40	436200.40	436250.40		
3874157.00	728.50	731.80	729.80	728.90	728.50
728.50	728.50	728.50	728.60		
3874107.00	728.60	731.10	730.30	729.30	729.10
728.60	728.50	728.70	729.60		
3874057.00	728.90	728.40	728.60	729.10	729.10
728.90	729.00	729.90	731.20		
3874007.00	729.10	728.50	728.50	728.80	728.80
729.10	729.40	730.10	731.00		
3873957.00	728.80	730.70	728.50	728.50	728.50
728.80	729.40	730.20	730.80		
3873907.00	728.90	729.80	728.50	728.50	728.50
728.90	729.40	730.10	730.70		
3873857.00	728.60	728.50	728.50	728.50	728.50
728.60	729.40	730.10	730.70		
3873807.00	728.90	728.50	728.50	728.50	728.50
728.90	729.60	730.20	730.80		
3873757.00	729.20	728.50	728.50	728.50	728.60
729.20	729.80	730.30	731.00		
3873707.00	729.50	728.50	728.50	728.50	728.80
729.50	730.00	730.50	731.00		
3873657.00	729.80	728.50	728.50	728.50	728.70
729.80	730.30	730.70	731.20		
3873607.00	730.20	728.50	728.50	728.50	728.90
730.20	730.70	730.90	731.30		
3873557.00	730.50	728.50	728.50	728.50	729.10
730.50	731.20	731.20	731.30		
3873507.00	730.90	728.50	728.50	728.60	729.30
730.90	731.50	731.70	731.70		
3873457.00	731.20	728.50	728.50	729.00	729.80
731.20	731.60	731.90	732.00		
3873407.00	731.30	728.80	729.10	729.60	730.30
731.30	731.80	732.00	732.40		
3873357.00	731.50	729.10	729.50	730.10	730.80
731.50	731.70	732.30	732.70		
3873307.00	731.70	729.40	730.00	730.60	731.20
731.70	731.70	732.40	732.90		
3873257.00	732.00	730.00	730.00	731.00	731.00
732.00	732.00	732.70	733.00		
3873207.00	732.00	730.00	730.40	731.00	731.00
732.00	732.00	732.90	733.80		
3873157.00	732.10	730.00	731.00	731.00	731.30
732.10	733.00	733.20	734.00		

^ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*\*  
 \*\*\* 09/10/20  
 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*  
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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* NETWORK ID: DESERTL ; NETWORK TYPE: GRIDCART

\*\*\*

\* ELEVATION HEIGHTS IN METERS \*

Y-COORD (METERS)	X-COORD (METERS)				
	436300.40	436350.40	436400.40	436450.40	436500.40
436550.40	436600.40	436650.40	436700.40		

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3874157.00		728.50	728.50	728.90	730.00	731.00
731.10	730.90	731.40	731.60			
3874107.00		730.10	729.80	730.30	730.80	731.40
731.50	731.40	731.50	731.80			
3874057.00		731.50	731.30	731.30	731.30	731.50
731.80	731.80	731.90	732.20			
3874007.00		731.50	731.50	731.50	731.50	731.50
731.60	731.80	732.30	732.50			
3873957.00		731.20	731.50	731.50	731.70	731.70
731.70	732.00	732.50	732.80			
3873907.00		731.20	731.70	731.80	731.80	731.90
732.00	732.50	732.80	733.20			
3873857.00		731.20	731.70	731.90	732.10	732.10
732.50	732.70	733.20	733.50			
3873807.00		731.50	731.70	732.10	732.30	732.60
732.80	733.00	733.40	733.90			
3873757.00		731.50	731.80	732.20	732.40	732.70
732.90	733.40	733.60	734.20			
3873707.00		731.50	732.00	732.20	732.70	732.90
733.20	733.60	733.90	734.40			
3873657.00		731.50	732.00	732.20	732.70	733.00
733.40	733.80	734.10	734.40			
3873607.00		731.80	732.10	732.50	732.70	733.30
733.80	734.30	734.30	734.60			
3873557.00		731.80	732.10	732.50	733.00	733.30
733.80	734.30	734.60	734.70			
3873507.00		731.70	732.30	732.70	733.20	733.60
734.00	734.30	734.80	735.20			
3873457.00		732.20	732.70	732.90	733.40	733.70
734.10	734.30	734.80	735.30			
3873407.00		732.70	732.90	733.20	733.60	733.90

734.10	734.30	735.00	735.60			
3873357.00	732.90	733.30	733.60	733.80	734.10	
734.40	734.80	735.40	736.10			
3873307.00	733.40	733.60	733.80	734.10	734.50	
734.70	735.30	736.00	736.70			
3873257.00	734.00	734.00	734.40	735.00	735.00	
736.00	736.00	736.70	737.40			
3873207.00	734.00	734.40	735.00	735.00	735.90	
736.00	736.60	737.00	737.80			
3873157.00	734.00	735.00	735.10	736.00	736.00	
736.40	737.00	737.20	738.00			

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*** AERMOD - VERSION 19191 ***
***                               ***
***                               09/10/20
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***                               ***
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\*\*\* NETWORK ID: DESERTL ; NETWORK TYPE: GRIDCART

\*\*\*

\* ELEVATION HEIGHTS IN METERS \*

Y-COORD				X-COORD (METERS)
(METERS)	436750.40	436800.40	436850.40	

3874157.00	732.10	732.00	732.10
3874107.00	732.10	732.30	732.60
3874057.00	732.50	732.70	732.90
3874007.00	732.70	733.00	733.30
3873957.00	733.00	733.30	733.60
3873907.00	733.40	733.70	733.80
3873857.00	733.90	734.00	734.20
3873807.00	734.10	734.40	734.50
3873757.00	734.60	734.70	734.90
3873707.00	734.60	735.10	735.20
3873657.00	734.60	735.10	735.40
3873607.00	734.90	735.20	735.60
3873557.00	735.20	735.70	735.90
3873507.00	735.50	735.90	736.30
3873457.00	735.90	736.40	736.80
3873407.00	736.40	736.90	737.10
3873357.00	736.90	737.40	737.60
3873307.00	737.40	737.50	737.60
3873257.00	738.00	738.00	738.00
3873207.00	738.00	738.00	738.00
3873157.00	738.00	738.00	738.00

^ \*\*\* AERMOD - VERSION 19191 \*\*\*  
 \*\*\* 09/10/20  
 \*\*\* AERMET - VERSION 14134 \*\*\*  
 \*\*\* 07:11:24

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\*\*\* NETWORK ID: DESERTL ; NETWORK TYPE: GRIDCART

\*\*\*

\* HILL HEIGHT SCALES IN METERS \*

Y-COORD (METERS)	X-COORD (METERS)				
	435850.40	435900.40	435950.40	436000.40	436050.40
436100.40	436150.40	436200.40	436250.40		
-----					
-----					
3874157.00	731.80	729.80	728.90	728.50	728.50
728.50	728.50	728.50	728.60		
3874107.00	735.20	730.30	729.30	729.10	728.80
728.60	728.50	728.70	729.60		
3874057.00	735.20	728.60	729.10	729.10	729.10
728.90	729.00	729.90	731.20		
3874007.00	734.30	728.50	728.80	728.80	728.80
729.10	729.40	730.10	731.00		
3873957.00	734.30	728.50	728.50	728.50	728.50
728.80	729.40	730.20	730.80		
3873907.00	729.80	728.50	728.50	728.50	728.50
728.90	729.40	730.10	730.70		
3873857.00	728.50	728.50	728.50	728.50	728.50
728.60	729.40	730.10	730.70		
3873807.00	728.50	728.50	728.50	728.50	728.50
728.90	729.60	730.20	730.80		
3873757.00	728.50	728.50	728.50	728.60	728.70
729.20	729.80	730.30	731.00		
3873707.00	728.50	728.50	728.50	728.80	729.10
729.50	730.00	730.50	731.00		
3873657.00	728.50	728.50	728.50	728.70	729.30
729.80	730.30	730.70	731.20		
3873607.00	728.50	728.50	728.50	728.90	729.50
730.20	730.70	730.90	731.30		
3873557.00	728.50	728.50	728.50	729.10	729.80
730.50	731.20	731.20	731.30		
3873507.00	728.50	728.50	728.60	729.30	730.20
730.90	731.50	731.70	731.70		
3873457.00	728.50	728.50	729.00	729.80	730.60
731.20	731.60	731.90	732.00		
3873407.00	728.80	729.10	729.60	730.30	730.80

731.30	731.80	732.00	732.40			
3873357.00	729.10	729.50	730.10	730.80	731.20	
731.50	731.70	732.30	732.70			
3873307.00	729.40	730.00	730.60	731.20	731.70	
731.70	731.70	732.40	732.90			
3873257.00	730.00	730.00	731.00	731.00	732.00	
732.00	732.00	732.70	733.00			
3873207.00	730.00	730.40	731.00	731.00	731.90	
732.00	732.00	732.90	733.80			
3873157.00	730.00	731.00	731.00	731.30	732.00	
732.10	733.00	733.20	734.00			

\*\*\* AERMOD - VERSION 19191 \*\*\*

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\*\*\* AERMET - VERSION 14134 \*\*\*

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\*\*\* NETWORK ID: DESERTL ; NETWORK TYPE: GRIDCART

\*\*\*

\* HILL HEIGHT SCALES IN METERS \*

Y-COORD (METERS)	X-COORD (METERS)				
	436300.40	436350.40	436400.40	436450.40	436500.40
436550.40	436600.40	436650.40	436700.40		

3874157.00	728.50	728.50	728.90	730.00	731.00
731.10	730.90	731.40	731.60		
3874107.00	730.10	729.80	730.30	730.80	731.40
731.50	731.40	731.50	731.80		
3874057.00	731.50	731.30	731.30	731.30	731.50
731.80	731.80	731.90	732.20		
3874007.00	731.50	731.50	731.50	731.50	731.50
731.60	731.80	732.30	732.50		
3873957.00	731.20	731.50	731.50	731.70	731.70
731.70	732.00	732.50	732.80		
3873907.00	731.20	731.70	731.80	731.80	731.90
732.00	732.50	732.80	733.20		
3873857.00	731.20	731.70	731.90	732.10	732.10
732.50	732.70	733.20	733.50		
3873807.00	731.50	731.70	732.10	732.30	732.60
732.80	733.00	733.40	733.90		
3873757.00	731.50	731.80	732.20	732.40	732.70
732.90	733.40	733.60	734.20		
3873707.00	731.50	732.00	732.20	732.70	732.90
733.20	733.60	733.90	734.40		



3873657.00		731.50	732.00	732.20	732.70	733.00
733.40		733.80	734.10	734.40		
3873607.00		731.80	732.10	732.50	732.70	733.30
733.80		734.30	734.30	734.60		
3873557.00		731.80	732.10	732.50	733.00	733.30
733.80		734.30	734.60	734.70		
3873507.00		731.70	732.30	732.70	733.20	733.60
734.00		734.30	734.80	735.20		
3873457.00		732.20	732.70	732.90	733.40	733.70
734.10		734.30	734.80	735.30		
3873407.00		732.70	732.90	733.20	733.60	733.90
734.10		734.30	735.00	735.60		
3873357.00		732.90	733.30	733.60	733.80	734.10
734.40		734.80	735.40	736.10		
3873307.00		733.40	733.60	733.80	734.10	734.50
734.70		735.30	736.00	736.70		
3873257.00		734.00	734.00	734.40	735.00	735.00
736.00		736.00	736.70	737.40		
3873207.00		734.00	734.40	735.00	735.00	735.90
736.00		736.60	737.00	737.80		
3873157.00		734.00	735.00	735.10	736.00	736.00
736.40		737.00	737.20	738.00		

^ \*\*\* AERMOD - VERSION 19191 \*\*\* 09/10/20  
 \*\*\*  
 \*\*\* AERMET - VERSION 14134 \*\*\* 07:11:24  
 \*\*\*

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* NETWORK ID: DESERTL ; NETWORK TYPE: GRIDCART

\*\*\*

\* HILL HEIGHT SCALES IN METERS \*

Y-COORD (METERS)			X-COORD (METERS)
	436750.40	436800.40	436850.40

3874157.00		732.10	732.00	732.10
3874107.00		732.10	732.30	732.60
3874057.00		732.50	732.70	732.90
3874007.00		732.70	733.00	733.30
3873957.00		733.00	733.30	733.60
3873907.00		733.40	733.70	733.80
3873857.00		733.90	734.00	734.20
3873807.00		734.10	734.40	734.50
3873757.00		734.60	734.70	734.90
3873707.00		734.60	735.10	735.20

3873657.00	734.60	735.10	735.40
3873607.00	734.90	735.20	735.60
3873557.00	735.20	735.70	735.90
3873507.00	735.50	735.90	736.30
3873457.00	735.90	736.40	736.80
3873407.00	736.40	736.90	737.10
3873357.00	736.90	737.40	737.60
3873307.00	737.40	737.50	737.60
3873257.00	738.00	738.00	738.00
3873207.00	738.00	738.00	738.00
3873157.00	738.00	738.00	738.00

\*\*\* AERMOD - VERSION 19191 \*\*\*  
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\*\*\* AERMET - VERSION 14134 \*\*\*  
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\*\*\* NETWORK ID: DESERTL ; NETWORK TYPE: GRIDCART

\*\*\*

\* RECEPTOR FLAGPOLE HEIGHTS IN METERS \*

Y-COORD (METERS)	X-COORD (METERS)					
	435850.40	435900.40	435950.40	436000.40	436050.40	
436100.40	436150.40	436200.40	436250.40			

3874157.00	1.20	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20		
3874107.00	1.20	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20		
3874057.00	1.20	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20		
3874007.00	1.20	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20		
3873957.00	1.20	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20		
3873907.00	1.20	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20		
3873857.00	1.20	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20		
3873807.00	1.20	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20		
3873757.00	1.20	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20		
3873707.00	1.20	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20		

3873657.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3873607.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3873557.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3873507.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3873457.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3873407.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3873357.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3873307.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3873257.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3873207.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3873157.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		

^ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*\*  
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\*\*\* MODELOPTs: RegDFault CONC ELEV FLGPOL RURAL

\*\*\* NETWORK ID: DESERTL ; NETWORK TYPE: GRIDCART

\*\*\*

\* RECEPTOR FLAGPOLE HEIGHTS IN METERS \*

Y-COORD						X-COORD (METERS)
(METERS)		436300.40	436350.40	436400.40	436450.40	436500.40
436550.40		436600.40	436650.40	436700.40		

-----

3874157.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3874107.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3874057.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3874007.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3873957.00		1.20	1.20	1.20	1.20	1.20	1.20

1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20
3873907.00	1.20	1.20	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20
3873857.00	1.20	1.20	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20
3873807.00	1.20	1.20	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20
3873757.00	1.20	1.20	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20
3873707.00	1.20	1.20	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20
3873657.00	1.20	1.20	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20
3873607.00	1.20	1.20	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20
3873557.00	1.20	1.20	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20
3873507.00	1.20	1.20	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20
3873457.00	1.20	1.20	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20
3873407.00	1.20	1.20	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20
3873357.00	1.20	1.20	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20
3873307.00	1.20	1.20	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20
3873257.00	1.20	1.20	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20
3873207.00	1.20	1.20	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20
3873157.00	1.20	1.20	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20

\*\*\* AERMOD - VERSION 19191 \*\*\*  
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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* NETWORK ID: DESERTL ; NETWORK TYPE: GRIDCART

\*\*\*

\* RECEPTOR FLAGPOLE HEIGHTS IN METERS \*

Y-COORD				X-COORD (METERS)
(METERS)	436750.40	436800.40	436850.40	

-----

3874157.00	1.20	1.20	1.20
3874107.00	1.20	1.20	1.20
3874057.00	1.20	1.20	1.20
3874007.00	1.20	1.20	1.20
3873957.00	1.20	1.20	1.20
3873907.00	1.20	1.20	1.20
3873857.00	1.20	1.20	1.20
3873807.00	1.20	1.20	1.20
3873757.00	1.20	1.20	1.20
3873707.00	1.20	1.20	1.20
3873657.00	1.20	1.20	1.20
3873607.00	1.20	1.20	1.20
3873557.00	1.20	1.20	1.20
3873507.00	1.20	1.20	1.20
3873457.00	1.20	1.20	1.20
3873407.00	1.20	1.20	1.20
3873357.00	1.20	1.20	1.20
3873307.00	1.20	1.20	1.20
3873257.00	1.20	1.20	1.20
3873207.00	1.20	1.20	1.20
3873157.00	1.20	1.20	1.20

^ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*\*  
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\*\*\* MODELOPTs:    RegDFault   CONC   ELEV   FLGPOL   RURAL

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
 (METERS)

( 439914.3, 3872794.0, 752.0, 752.0, 1.2);	( 436262.9,
3873356.0, 732.9, 732.9, 1.2);	
( 435902.6, 3873538.0, 728.5, 728.5, 1.2);	( 435899.3,
3873949.0, 728.5, 728.5, 1.2);	
( 435800.9, 3871509.0, 734.0, 734.0, 1.2);	( 435900.9,
3871509.0, 735.0, 735.0, 1.2);	
( 436000.9, 3871509.0, 736.0, 736.0, 1.2);	( 436100.9,
3871509.0, 736.0, 736.0, 1.2);	
( 436200.9, 3871509.0, 737.0, 737.0, 1.2);	( 436300.9,
3871509.0, 738.0, 738.0, 1.2);	
( 436400.9, 3871509.0, 739.0, 739.0, 1.2);	( 436500.9,
3871509.0, 740.0, 740.0, 1.2);	
( 436600.9, 3871509.0, 741.0, 741.0, 1.2);	( 436700.9,
3871509.0, 742.0, 742.0, 1.2);	
( 436800.9, 3871509.0, 743.0, 743.0, 1.2);	( 436900.9,
3871509.0, 744.0, 744.0, 1.2);	

( 437000.9, 3871509.0, 745.4, 745.4, 1.2); ( 437100.9,  
3871509.0, 746.7, 746.7, 1.2);  
( 437200.9, 3871510.0, 748.0, 748.0, 1.2); ( 437300.9,  
3871510.0, 748.5, 748.5, 1.2);  
( 437400.9, 3871510.0, 749.7, 749.7, 1.2); ( 437448.9,  
3871510.0, 750.0, 750.0, 1.2);  
( 437448.9, 3871610.0, 750.0, 750.0, 1.2); ( 437448.9,  
3871710.0, 750.0, 750.0, 1.2);  
( 437448.9, 3871810.0, 749.3, 749.3, 1.2); ( 437448.9,  
3871910.0, 749.0, 749.0, 1.2);  
( 437448.9, 3872010.0, 748.7, 748.7, 1.2); ( 437448.9,  
3872110.0, 748.0, 748.0, 1.2);  
( 437448.9, 3872210.0, 748.0, 748.0, 1.2); ( 437448.9,  
3872310.0, 747.2, 747.2, 1.2);  
( 437448.9, 3872410.0, 747.0, 747.0, 1.2); ( 437448.9,  
3872510.0, 746.0, 746.0, 1.2);  
( 437448.9, 3872610.0, 746.0, 746.0, 1.2); ( 437449.0,  
3872710.0, 745.0, 745.0, 1.2);  
( 437449.0, 3872810.0, 744.0, 744.0, 1.2); ( 437449.0,  
3872910.0, 744.0, 744.0, 1.2);  
( 437449.0, 3873010.0, 743.0, 743.0, 1.2); ( 437449.0,  
3873110.0, 742.0, 742.0, 1.2);  
( 437449.0, 3873210.0, 741.0, 741.0, 1.2); ( 437449.0,  
3873211.0, 741.0, 741.0, 1.2);  
( 437349.0, 3873212.0, 740.4, 740.4, 1.2); ( 437249.0,  
3873213.0, 740.4, 740.4, 1.2);  
( 437149.0, 3873215.0, 739.5, 739.5, 1.2); ( 437049.0,  
3873216.0, 738.3, 738.3, 1.2);  
( 436949.0, 3873217.0, 738.0, 738.0, 1.2); ( 436849.0,  
3873218.0, 738.0, 738.0, 1.2);  
( 436749.1, 3873220.0, 738.0, 738.0, 1.2); ( 436649.1,  
3873221.0, 737.0, 737.0, 1.2);  
( 436549.1, 3873222.0, 736.0, 736.0, 1.2); ( 436449.1,  
3873224.0, 735.0, 735.0, 1.2);  
( 436349.1, 3873225.0, 734.0, 734.0, 1.2); ( 436249.1,  
3873226.0, 733.3, 733.3, 1.2);  
( 436149.1, 3873228.0, 732.0, 732.0, 1.2); ( 436049.1,  
3873229.0, 731.7, 731.7, 1.2);  
( 435949.1, 3873230.0, 731.0, 731.0, 1.2); ( 435849.1,  
3873232.0, 730.0, 730.0, 1.2);  
( 435835.8, 3873232.0, 730.0, 730.0, 1.2); ( 435833.7,  
3873132.0, 730.0, 730.0, 1.2);  
( 435831.7, 3873032.0, 731.0, 731.0, 1.2); ( 435829.7,  
3872932.0, 731.3, 731.3, 1.2);  
( 435827.7, 3872832.0, 732.0, 732.0, 1.2); ( 435825.6,  
3872732.0, 732.2, 732.2, 1.2);  
( 435823.6, 3872632.0, 733.0, 733.0, 1.2); ( 435821.6,  
3872532.0, 733.0, 733.0, 1.2);  
( 435819.6, 3872432.0, 733.0, 733.0, 1.2); ( 435817.5,  
3872332.0, 734.0, 734.0, 1.2);

( 435815.5, 3872232.0, 734.1, 734.1, 1.2); ( 435813.5,  
3872132.0, 734.8, 734.8, 1.2);  
( 435811.5, 3872032.0, 734.7, 734.7, 1.2); ( 435809.4,  
3871932.0, 734.6, 734.6, 1.2);  
( 435807.4, 3871832.0, 734.0, 734.0, 1.2); ( 435805.4,  
3871732.0, 734.0, 734.0, 1.2);  
( 435803.4, 3871632.0, 734.0, 734.0, 1.2); ( 435801.4,  
3871532.0, 734.0, 734.0, 1.2);

^ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*\*  
\*\*\* 09/10/20  
\*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*  
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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* METEOROLOGICAL DAYS SELECTED FOR  
PROCESSING \*\*\*  
(1=YES; 0=NO)

1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1	1 1 1
1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1		
1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1	1 1 1
1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1		
1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1	1 1 1
1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1		
1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1	1 1 1
1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1		
1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1	1 1 1
1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1		
1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1	1 1 1
1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1		
1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1	1 1 1
1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1		
1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1	1 1 1

NOTE: METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON WHAT IS INCLUDED IN THE DATA FILE.

\*\*\* UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED  
CATEGORIES \*\*\*  
(METERS/SEC)

10.80, 1.54, 3.09, 5.14, 8.23,

^ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*\*  
\*\*\* 09/10/20  
\*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*





09	01	01	1	13	137.1	0.194	1.208	0.008	430.	205.	-4.5	0.06	1.50
0.22	1.76	173.	10.0	283.1	2.0								
09	01	01	1	14	115.2	-9.000	-9.000	-9.000	536.	-999.	-99999.0	0.17	1.50
0.23	0.00	0.	10.0	285.4	2.0								
09	01	01	1	15	73.1	-9.000	-9.000	-9.000	625.	-999.	-99999.0	0.17	1.50
0.26	0.00	0.	10.0	286.4	2.0								
09	01	01	1	16	14.8	-9.000	-9.000	-9.000	639.	-999.	-99999.0	0.17	1.50
0.36	0.00	0.	10.0	286.1	2.0								
09	01	01	1	17	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.17	1.50
0.64	0.00	0.	10.0	285.1	2.0								
09	01	01	1	18	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.17	1.50
1.00	0.00	0.	10.0	280.1	2.0								
09	01	01	1	19	-10.7	0.116	-9.000	-9.000	-999.	94.	12.0	0.26	1.50
1.00	2.10	284.	10.0	277.1	2.0								
09	01	01	1	20	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.17	1.50
1.00	0.00	0.	10.0	276.1	2.0								
09	01	01	1	21	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.17	1.50
1.00	0.00	0.	10.0	275.1	2.0								
09	01	01	1	22	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.17	1.50
1.00	0.00	0.	10.0	276.1	2.0								
09	01	01	1	23	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.17	1.50
1.00	0.00	0.	10.0	274.1	2.0								
09	01	01	1	24	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.17	1.50
1.00	0.00	0.	10.0	272.1	2.0								

First hour of profile data

YR	MO	DY	HR	HEIGHT	F	WDIR	WSPD	AMB_TMP	sigmaA	sigmaW	sigmaV
09	01	01	01	10.0	1	301.	1.76	272.1	99.0	-99.00	-99.00

F indicates top of profile (=1) or below (=0)

\*\*\* AERMOD - VERSION 19191 \*\*\*

\*\*\* 09/10/20

\*\*\* AERMET - VERSION 14134 \*\*\*

\*\*\* 07:11:24

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\*\*\* MODELOPTs: RegDFault CONC ELEV FLGPOL RURAL

\*\*\* THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION

VALUES FOR SOURCE GROUP: 1003

\*\*\*

INCLUDING SOURCE(S): 1003 ,

\*\*\* NETWORK ID: COURSE ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD |

X-COORD (METERS)

(METERS)	430733.00	431233.00	431733.00	432233.00	432733.00
433233.00	433733.00	434233.00	434733.00		

3879761.00	0.02334	0.02278	0.03183	0.03538	0.03759
0.04145	0.04420	0.04721	0.05016		
3879261.00	0.02268	0.02647	0.03183	0.03660	0.03954
0.04328	0.04623	0.05058	0.05530		
3878761.00	0.02192	0.02571	0.03107	0.03681	0.04125
0.04522	0.05025	0.05410	0.05979		
3878261.00	0.02133	0.02477	0.02955	0.03583	0.04199
0.04713	0.05299	0.05797	0.06399		
3877761.00	0.02062	0.02387	0.02822	0.03423	0.04170
0.04849	0.05564	0.06252	0.06894		
3877261.00	0.02029	0.02306	0.02701	0.03261	0.04039
0.04908	0.05754	0.06706	0.07462		
3876761.00	0.02035	0.02280	0.02613	0.03112	0.03851
0.04845	0.05891	0.07061	0.08130		
3876261.00	0.02042	0.02274	0.02583	0.03010	0.03679
0.04660	0.05934	0.07330	0.08882		
3875761.00	0.02163	0.02311	0.02567	0.02969	0.03539
0.04470	0.05802	0.07485	0.09533		
3875261.00	0.02495	0.02605	0.02760	0.03018	0.03486
0.04260	0.05599	0.07435	0.10019		
3874761.00	0.03010	0.03155	0.03316	0.03502	0.03771
0.04303	0.05357	0.07276	0.10324		
3874261.00	0.03174	0.03489	0.03848	0.04222	0.04652
0.05108	0.05844	0.07399	0.10514		
3873761.00	0.03044	0.03458	0.03916	0.04415	0.05024
0.05829	0.06995	0.08798	0.11953		
3873261.00	0.03054	0.03555	0.04117	0.04797	0.05646
0.06675	0.08072	0.10297	0.14531		
3872761.00	0.03168	0.03569	0.04127	0.04879	0.05966
0.07454	0.09458	0.12437	0.17769		
3872261.00	0.03428	0.03835	0.04315	0.04926	0.05714
0.06845	0.08691	0.12153	0.18742		
3871761.00	0.03218	0.03555	0.03968	0.04478	0.05279
0.06501	0.08444	0.11681	0.17335		
3871261.00	0.02488	0.02748	0.03119	0.03628	0.04454
0.05638	0.07220	0.09491	0.13169		
3870761.00	0.02075	0.02345	0.02786	0.03335	0.04083
0.05049	0.06258	0.08030	0.10436		
3870261.00	0.01914	0.02309	0.02804	0.03443	0.04083
0.04859	0.05588	0.06520	0.07734		
3869761.00	0.02135	0.02547	0.03051	0.03449	0.03748
0.04067	0.04434	0.05150	0.05905		
3869261.00	0.02309	0.02616	0.02853	0.03033	0.03007
0.03201	0.03731	0.04358	0.04674		
3868761.00	0.02278	0.02351	0.02368	0.02353	0.02458

0.02843	0.03404	0.03785	0.03691		
3868261.00		0.01978	0.01941	0.01908	0.01977 0.02264
0.02731	0.03134	0.03157	0.02770		
3867761.00		0.01636	0.01592	0.01639	0.01861 0.02245
0.02622	0.02748	0.02506	0.02025		
3867261.00		0.01357	0.01392	0.01568	0.01881 0.02218
0.02399	0.02282	0.01857	0.01433		
3866761.00		0.01112	0.01300	0.01594	0.01912 0.02100
0.02079	0.01790	0.01273	0.00980		
3866261.00		0.00973	0.01330	0.01642	0.01848 0.01886
0.01719	0.01272	0.00936	0.00754		
3865761.00		0.01062	0.01421	0.01624	0.01703 0.01622
0.01339	0.00911	0.00688	0.00587		
3865261.00		0.01243	0.01428	0.01533	0.01510 0.01347
0.00995	0.00693	0.00575	0.00479		
3864761.00		0.01255	0.01376	0.01402	0.01301 0.01055
0.00784	0.00600	0.00505	0.00485		

\*\*\* AERMOD - VERSION 19191 \*\*\*  
 \*\*\* 09/10/20  
 \*\*\* AERMET - VERSION 14134 \*\*\*  
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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1003  
 INCLUDING SOURCE(S): 1003 ,

\*\*\* NETWORK ID: COURSE ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD					X-COORD (METERS)
(METERS)		435233.00	435733.00	436233.00	436733.00 437233.00
437733.00		438233.00	438733.00	439233.00	

3879761.00		0.05749	0.05803	0.04870	0.03657 0.03340
0.02987	0.02723	0.02148	0.01825		
3879261.00		0.06196	0.06324	0.04186	0.03179 0.02646
0.03067	0.02602	0.02333	0.01998		
3878761.00		0.06707	0.05790	0.04472	0.03786 0.03120
0.03005	0.03212	0.02498	0.02194		
3878261.00		0.06821	0.07269	0.05186	0.05470 0.04921
0.04471	0.03651	0.02890	0.02657		
3877761.00		0.08093	0.08483	0.07853	0.05915 0.04638

0.04240	0.04071	0.03428	0.03188		
3877261.00		0.08840	0.09569	0.08933	0.07821 0.06300
0.05176	0.04630	0.04050	0.03877		
3876761.00		0.09613	0.10871	0.10225	0.09256 0.06865
0.05738	0.05429	0.04946	0.04587		
3876261.00		0.10590	0.12441	0.11938	0.11106 0.08342
0.07321	0.06582	0.05987	0.04703		
3875761.00		0.11739	0.14397	0.14270	0.13538 0.10405
0.09158	0.07803	0.06837	0.05058		
3875261.00		0.13143	0.17048	0.17734	0.16988 0.13440
0.11912	0.10248	0.08237	0.06549		
3874761.00		0.14721	0.20780	0.23118	0.22646 0.18902
0.16451	0.14132	0.11382	0.07975		
3874261.00		0.16408	0.26713	0.32434	0.33995 0.29921
0.24809	0.20814	0.16128	0.10577		
3873761.00		0.18992	0.37314	0.54908	0.63562 0.57262
0.41002	0.28570	0.18776	0.12530		
3873261.00		0.24901	0.71954	2.47654	2.41902 2.01487
0.69712	0.33842	0.19717	0.12363		
3872761.00		0.31961	1.12087	5.38368	4.05419 3.23031
0.80971	0.34909	0.19271	0.11932		
3872261.00		0.33895	1.16676	4.63031	3.69928 2.98814
0.70202	0.29701	0.16632	0.10818		
3871761.00		0.30131	0.99680	3.66280	3.01042 2.44227
0.46086	0.20979	0.12837	0.08590		
3871261.00		0.19983	0.31032	0.44737	0.40533 0.28388
0.16161	0.11183	0.09017	0.06270		
3870761.00		0.13124	0.15103	0.18934	0.15790 0.08969
0.06511	0.04942	0.04835	0.04813		
3870261.00		0.08607	0.09135	0.11309	0.09882 0.06939
0.04060	0.02992	0.02660	0.02881		
3869761.00		0.06130	0.06108	0.07191	0.06034 0.04175
0.02227	0.01641	0.01729	0.01799		
3869261.00		0.04557	0.04127	0.04454	0.03587 0.02344
0.01122	0.00898	0.01152	0.01160		
3868761.00		0.03263	0.02797	0.02893	0.02320 0.01473
0.00954	0.00734	0.00776	0.00812		
3868261.00		0.02262	0.01941	0.01912	0.01493 0.00929
0.00631	0.00517	0.00563	0.00619		
3867761.00		0.01679	0.01414	0.01289	0.00971 0.00703
0.00541	0.00462	0.00483	0.00501		
3867261.00		0.01267	0.01120	0.00970	0.00734 0.00563
0.00502	0.00419	0.00429	0.00415		
3866761.00		0.00921	0.00807	0.00707	0.00576 0.00516
0.00479	0.00415	0.00380	0.00356		
3866261.00		0.00727	0.00640	0.00515	0.00504 0.00478
0.00445	0.00389	0.00345	0.00309		
3865761.00		0.00519	0.00476	0.00483	0.00480 0.00460
0.00416	0.00362	0.00315	0.00276		
3865261.00		0.00474	0.00463	0.00471	0.00456 0.00437

0.00398 0.00349 0.00308 0.00259  
3864761.00 | 0.00463 0.00464 0.00452 0.00426 0.00417  
0.00380 0.00335 0.00298 0.00256

↑ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*\*  
\*\*\* 09/10/20  
\*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*  
\*\*\* 07:11:24

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: 1003 \*\*\*  
INCLUDING SOURCE(S): 1003 ,

\*\*\* NETWORK ID: COURSE ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD | X-COORD (METERS)  
(METERS) | 439733.00 440233.00 440733.00 441233.00 441733.00  
442233.00 442733.00 443233.00 443733.00

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-----  
3879761.00 | 0.01685 0.01595 0.01469 0.01340 0.01235  
0.01102 0.01035 0.01000 0.01050  
3879261.00 | 0.01869 0.01759 0.01613 0.01470 0.01373  
0.01247 0.01164 0.01168 0.01157  
3878761.00 | 0.02156 0.02013 0.01838 0.01682 0.01560  
0.01444 0.01317 0.01256 0.01296  
3878261.00 | 0.02538 0.02390 0.02124 0.01892 0.01759  
0.01663 0.01552 0.01437 0.01442  
3877761.00 | 0.03027 0.02626 0.02222 0.02148 0.02057  
0.01912 0.01804 0.01689 0.01611  
3877261.00 | 0.03558 0.03205 0.02668 0.02499 0.02406  
0.02283 0.02139 0.01975 0.01799  
3876761.00 | 0.03944 0.03201 0.03148 0.03035 0.02868  
0.02684 0.02482 0.02200 0.01901  
3876261.00 | 0.04163 0.04092 0.03843 0.03416 0.02930  
0.02868 0.02645 0.02201 0.01831  
3875761.00 | 0.05418 0.05276 0.04610 0.03288 0.02887  
0.02805 0.02541 0.02032 0.01663  
3875261.00 | 0.05773 0.06354 0.05440 0.04280 0.03350  
0.02780 0.02244 0.01787 0.01459  
3874761.00 | 0.06468 0.06951 0.05540 0.04208 0.03183  
0.02440 0.01926 0.01598 0.01372  
3874261.00 | 0.08797 0.06761 0.04899 0.03626 0.02730

0.02172	0.01825	0.01595	0.01420			
3873761.00		0.08594	0.05996	0.04312	0.03280	0.02656
0.02244	0.01944	0.01721	0.01542			
3873261.00		0.08161	0.05754	0.04386	0.03543	0.02966
0.02527	0.02186	0.01925	0.01728			
3872761.00		0.08171	0.06173	0.04905	0.04031	0.03369
0.02860	0.02495	0.02201	0.01941			
3872261.00		0.07683	0.05897	0.04716	0.03924	0.03278
0.02722	0.02395	0.02109	0.01856			
3871761.00		0.06361	0.05032	0.04026	0.03414	0.02940
0.02466	0.02088	0.01822	0.01627			
3871261.00		0.05018	0.04084	0.03349	0.02732	0.02312
0.01998	0.01733	0.01538	0.01402			
3870761.00		0.03801	0.03102	0.02698	0.02348	0.01892
0.01669	0.01393	0.01182	0.01076			
3870261.00		0.03300	0.02421	0.02200	0.01895	0.01576
0.01271	0.01182	0.01077	0.00938			
3869761.00		0.01952	0.02066	0.01634	0.01383	0.01211
0.01080	0.00892	0.00972	0.00864			
3869261.00		0.01257	0.01395	0.01212	0.00899	0.00788
0.00772	0.00775	0.00815	0.00752			
3868761.00		0.00854	0.01012	0.01045	0.00723	0.00518
0.00518	0.00557	0.00632	0.00614			
3868261.00		0.00660	0.00741	0.00819	0.00803	0.00651
0.00492	0.00445	0.00495	0.00543			
3867761.00		0.00517	0.00572	0.00612	0.00635	0.00645
0.00622	0.00530	0.00416	0.00470			
3867261.00		0.00427	0.00460	0.00489	0.00509	0.00516
0.00525	0.00533	0.00505	0.00413			
3866761.00		0.00355	0.00370	0.00375	0.00403	0.00429
0.00430	0.00435	0.00426	0.00400			
3866261.00		0.00291	0.00301	0.00311	0.00320	0.00354
0.00376	0.00373	0.00363	0.00357			
3865761.00		0.00250	0.00257	0.00269	0.00272	0.00285
0.00317	0.00336	0.00325	0.00314			
3865261.00		0.00224	0.00223	0.00240	0.00246	0.00246
0.00265	0.00291	0.00304	0.00295			
3864761.00		0.00213	0.00191	0.00216	0.00228	0.00225
0.00228	0.00247	0.00273	0.00280			

▲ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*\*  
\*\*\* 09/10/20

\*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*  
\*\*\* 07:11:24

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: 1003 \*\*\*  
INCLUDING SOURCE(S): 1003 ,

\*\*\* NETWORK ID: COURSE ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD (METERS)	444233.00	444733.00	445233.00	X-COORD (METERS) 445733.00
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3879761.00	0.01006	0.01006	0.01004	0.01009
3879261.00	0.01120	0.01116	0.01111	0.01092
3878761.00	0.01255	0.01228	0.01200	0.01185
3878261.00	0.01379	0.01357	0.01310	0.01263
3877761.00	0.01526	0.01486	0.01377	0.01262
3877261.00	0.01645	0.01547	0.01356	0.01165
3876761.00	0.01669	0.01453	0.01211	0.01031
3876261.00	0.01532	0.01293	0.01045	0.00917
3875761.00	0.01364	0.01115	0.00964	0.00877
3875261.00	0.01227	0.01084	0.00980	0.00900
3874761.00	0.01218	0.01102	0.01003	0.00917
3874261.00	0.01281	0.01168	0.01074	0.00993
3873761.00	0.01395	0.01278	0.01181	0.01094
3873261.00	0.01555	0.01413	0.01314	0.01223
3872761.00	0.01736	0.01565	0.01443	0.01347
3872261.00	0.01633	0.01496	0.01437	0.01368
3871761.00	0.01437	0.01362	0.01312	0.01241
3871261.00	0.01238	0.01161	0.01109	0.01060
3870761.00	0.00994	0.00927	0.00901	0.00835
3870261.00	0.00848	0.00779	0.00710	0.00683
3869761.00	0.00829	0.00677	0.00555	0.00563
3869261.00	0.00749	0.00691	0.00572	0.00536
3868761.00	0.00715	0.00660	0.00557	0.00555
3868261.00	0.00580	0.00529	0.00483	0.00448
3867761.00	0.00464	0.00425	0.00376	0.00354
3867261.00	0.00396	0.00366	0.00325	0.00312
3866761.00	0.00370	0.00333	0.00299	0.00273
3866261.00	0.00341	0.00305	0.00268	0.00254
3865761.00	0.00299	0.00275	0.00252	0.00225
3865261.00	0.00279	0.00251	0.00229	0.00211
3864761.00	0.00270	0.00244	0.00209	0.00185

▲ \*\*\* AERMOD - VERSION 19191 \*\*\*  
 \*\*\* 09/10/20  
 \*\*\* AERMET - VERSION 14134 \*\*\*  
 \*\*\* 07:11:24

\*\*\* MODELOPTs: RegDFault CONC ELEV FLGPOL RURAL

VALUES FOR SOURCE GROUP: 1003  
 \*\*\* THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION  
 \*\*\* INCLUDING SOURCE(S): 1003 ,

GRIDCART \*\*\*  
 \*\*\* NETWORK ID: DESERTL ; NETWORK TYPE:

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3  
 \*\*

Y-COORD (METERS)	435850.40	435900.40	435950.40	436000.40	436050.40
436100.40	436150.40	436200.40	436250.40		

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3874157.00	0.31322	0.31726	0.32168	0.32693	0.33321
0.33951	0.34546	0.35082	0.35568		
3874107.00	0.32338	0.32979	0.33475	0.34119	0.34758
0.35409	0.36039	0.36676	0.37400		
3874057.00	0.32987	0.33878	0.34762	0.35536	0.36326
0.37051	0.37797	0.38660	0.39498		
3874007.00	0.34261	0.35200	0.36138	0.37009	0.37892
0.38828	0.39701	0.40593	0.41438		
3873957.00	0.36152	0.36673	0.37642	0.38622	0.39608
0.40644	0.41695	0.42709	0.43590		
3873907.00	0.37488	0.38301	0.39393	0.40499	0.41601
0.42780	0.43911	0.45017	0.46021		
3873857.00	0.38809	0.40118	0.41352	0.42600	0.43832
0.45033	0.46397	0.47646	0.48796		
3873807.00	0.40694	0.42169	0.43569	0.44979	0.46356
0.47810	0.49296	0.50678	0.51997		
3873757.00	0.42834	0.44508	0.46106	0.47745	0.49332
0.51002	0.52640	0.54183	0.55731		
3873707.00	0.45291	0.47209	0.49047	0.51001	0.52885
0.54730	0.56562	0.58338	0.60038		
3873657.00	0.48140	0.50365	0.52500	0.54689	0.56988
0.59165	0.61289	0.63296	0.65249		
3873607.00	0.51483	0.54105	0.56616	0.59264	0.61932
0.64596	0.67084	0.69316	0.71519		
3873557.00	0.55456	0.58606	0.61606	0.64852	0.68087
0.71265	0.74319	0.76823	0.79211		
3873507.00	0.60273	0.64146	0.67871	0.71867	0.75960
0.79804	0.83373	0.86449	0.89160		
3873457.00	0.66292	0.71208	0.76181	0.81284	0.86310
0.90938	0.95075	0.98771	1.01953		
3873407.00	0.74401	0.81199	0.87752	0.94348	1.00452
1.06069	1.11109	1.15292	1.19089		
3873357.00	0.85859	0.95679	1.05096	1.14088	1.21813



1.28393	1.33895	1.39027	1.43168		
3873307.00	1.04609	1.21226	1.35933	1.48144	1.57884
1.64946	1.70621	1.76457	1.80862		
3873257.00	1.47371	1.82899	2.08137	2.21644	2.35352
2.42019	2.47103	2.54347	2.58077		
3873207.00	2.15601	2.85880	3.20536	3.37980	3.59156
3.69203	3.76122	3.96037	4.03332		
3873157.00	2.37072	3.17543	3.50498	3.73559	3.96111
4.07920	4.30318	4.37312	4.46442		

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION  
 \*\*\*  
 VALUES FOR SOURCE GROUP: 1003 INCLUDING SOURCE(S): 1003 ,

\*\*\* NETWORK ID: DESERTL ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD		X-COORD (METERS)				
(METERS)		436300.40	436350.40	436400.40	436450.40	436500.40
436550.40		436600.40	436650.40	436700.40		

3874157.00		0.35939	0.36272	0.36647	0.37115	0.37484
0.37650		0.37722	0.37846	0.37870		
3874107.00		0.37954	0.38285	0.38733	0.39127	0.39478
0.39696		0.39831	0.39937	0.40010		
3874057.00		0.40064	0.40495	0.40914	0.41284	0.41635
0.41942		0.42142	0.42293	0.42401		
3874007.00		0.42125	0.42672	0.43173	0.43622	0.44013
0.44357		0.44648	0.44905	0.45044		
3873957.00		0.44363	0.45064	0.45657	0.46232	0.46704
0.47104		0.47479	0.47795	0.47993		
3873907.00		0.46939	0.47795	0.48510	0.49143	0.49723
0.50225		0.50703	0.51052	0.51270		
3873857.00		0.49856	0.50846	0.51698	0.52477	0.53137
0.53782		0.54295	0.54692	0.54942		
3873807.00		0.53269	0.54330	0.55360	0.56258	0.57082
0.57791		0.58367	0.58814	0.59075		
3873757.00		0.57127	0.58375	0.59555	0.60590	0.61541

0.62348	0.62999	0.63515	0.63811		
3873707.00		0.61640	0.63129	0.64422	0.65675 0.66723
0.67630	0.68335	0.68906	0.69271		
3873657.00		0.67003	0.68705	0.70179	0.71606 0.72793
0.73788	0.74552	0.75187	0.75652		
3873607.00		0.73614	0.75468	0.77198	0.78704 0.80015
0.80973	0.81753	0.82542	0.83032		
3873557.00		0.81622	0.83728	0.85669	0.87357 0.88745
0.89744	0.90540	0.91226	0.91809		
3873507.00		0.91616	0.94144	0.96269	0.98004 0.99323
1.00369	1.01246	1.01793	1.02175		
3873457.00		1.04835	1.07525	1.09663	1.11380 1.12717
1.13731	1.14636	1.15094	1.15305		
3873407.00		1.22296	1.24932	1.27114	1.28723 1.30029
1.31137	1.31982	1.32112	1.32045		
3873357.00		1.46416	1.49051	1.50953	1.52593 1.53782
1.54660	1.55129	1.55046	1.54492		
3873307.00		1.83799	1.86046	1.87832	1.89067 1.89770
1.90499	1.90174	1.89265	1.87966		
3873257.00		2.58426	2.60290	2.60414	2.59506 2.60155
2.56878	2.56900	2.53489	2.49542		
3873207.00		4.08851	4.13720	4.26136	4.27671 4.69785
4.63722	4.17154	4.00880	3.77698		
3873157.00		4.50844	4.66149	4.71995	5.04326 5.06294
4.71488	4.44541	4.38317	3.94338		

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1003 \*\*\*

INCLUDING SOURCE(S): 1003 ,

\*\*\* NETWORK ID: DESERTL ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD					X-COORD (METERS)
(METERS)		436750.40	436800.40	436850.40	

3874157.00		0.37871	0.37753	0.37602
3874107.00		0.40016	0.39948	0.39827

3874057.00	0.42437	0.42390	0.42264
3874007.00	0.45105	0.45077	0.44960
3873957.00	0.48075	0.48070	0.47940
3873907.00	0.51384	0.51376	0.51300
3873857.00	0.55057	0.55119	0.55050
3873807.00	0.59277	0.59334	0.59304
3873757.00	0.64012	0.64146	0.64105
3873707.00	0.69565	0.69606	0.69598
3873657.00	0.75976	0.76015	0.75935
3873607.00	0.83330	0.83430	0.83279
3873557.00	0.91992	0.91953	0.91856
3873507.00	1.02400	1.02337	1.02041
3873457.00	1.15184	1.14896	1.14450
3873407.00	1.31469	1.30944	1.30512
3873357.00	1.53454	1.52569	1.51895
3873307.00	1.86296	1.85744	1.84907
3873257.00	2.40180	2.39289	2.38101
3873207.00	3.54988	3.54325	3.53218
3873157.00	3.94643	3.94564	3.94086

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\*\*\* MODELOPTs: RegDFault CONC ELEV FLGPOL RURAL

\*\*\* THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1003  
 \*\*\* INCLUDING SOURCE(S): 1003 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)
Y-COORD (M)	CONC		
439914.30	3872794.00	0.07333	436262.90
3873356.00	1.44680		
435902.60	3873538.00	0.60695	435899.30
3873949.00	0.36892		
435800.90	3871509.00	0.96096	435900.90
3871509.00	1.44707		
436000.90	3871509.00	1.68117	436100.90
3871509.00	1.75626		
436200.90	3871509.00	1.62928	436300.90

3871509.00	1.46450			
436400.90	3871509.00	1.39778		436500.90
3871509.00	1.33607			
436600.90	3871509.00	1.27633		436700.90
3871509.00	1.22342			
436800.90	3871509.00	1.16992		436900.90
3871509.00	1.11525			
437000.90	3871509.00	1.04531		437100.90
3871509.00	0.97663			
437200.90	3871510.00	0.91811		437300.90
3871510.00	0.85111			
437400.90	3871510.00	0.72084		437448.90
3871510.00	0.60700			
437448.90	3871610.00	1.21546		437448.90
3871710.00	1.46282			
437448.90	3871810.00	1.62918		437448.90
3871910.00	1.74089			
437448.90	3872010.00	1.82643		437448.90
3872110.00	1.90529			
437448.90	3872210.00	1.95063		437448.90
3872310.00	2.02206			
437448.90	3872410.00	2.05362		437448.90
3872510.00	2.11991			
437448.90	3872610.00	2.12566		437449.00
3872710.00	2.17656			
437449.00	3872810.00	2.22464		437449.00
3872910.00	2.19954			
437449.00	3873010.00	2.21763		437449.00
3873110.00	2.19645			
437449.00	3873210.00	1.94122		437449.00
3873211.00	1.93125			
437349.00	3873212.00	2.60331		437249.00
3873213.00	2.78934			
437149.00	3873215.00	2.96832		437049.00
3873216.00	3.22322			
436949.00	3873217.00	3.31391		436849.00
3873218.00	3.33667			
436749.10	3873220.00	3.32032		436649.10
3873221.00	3.66935			
436549.10	3873222.00	4.13673		436449.10
3873224.00	3.83221			
436349.10	3873225.00	3.71950		436249.10
3873226.00	3.62596			
436149.10	3873228.00	3.37357		436049.10
3873229.00	3.18174			
435949.10	3873230.00	2.84464		435849.10
3873232.00	1.88836			
435835.80	3873232.00	1.63865		435833.70
3873132.00	2.04005			
435831.70	3873032.00	2.20022		435829.70

3872932.00	2.27149			
435827.70	3872832.00	2.34823		435825.60
3872732.00	2.37923			
435823.60	3872632.00	2.44975		435821.60
3872532.00	2.44995			
435819.60	3872432.00	2.44347		435817.50
3872332.00	2.44149			
435815.50	3872232.00	2.41870		435813.50
3872132.00	2.40660			
435811.50	3872032.00	2.35990		435809.40
3871932.00	2.29087			
435807.40	3871832.00	2.20242		435805.40
3871732.00	2.08794			
435803.40	3871632.00	1.88776		435801.40
3871532.00	1.30876			

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: 1003 \*\*\*  
INCLUDING SOURCE(S): 1003 ,

\*\*\* NETWORK ID: COURSE ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD			X-COORD (METERS)
(METERS)	430733.00	431233.00	431733.00
432233.00	432733.00		

-----

3879761.0	68.33066 (09012607)	21.94634 (12033007)	71.21342 (12110107)
71.42264 (13123017)	76.40500 (13123017)		
3879261.0	50.15845 (09012607)	76.52216 (09012607)	75.78175 (12110107)
76.14113 (12110107)	81.55845 (13123017)		
3878761.0	37.03260 (10012807)	60.68828 (09012607)	83.40154 (09012607)
84.14086 (12110107)	77.57969 (13123017)		
3878261.0	61.89995 (11112117)	39.60787 (10012807)	72.45456 (09012607)
89.60374 (09012607)	89.94824 (12110107)		
3877761.0	80.76898 (11112117)	68.89319 (11112117)	48.25596 (09012607)
84.24441 (09012607)	93.92192 (09012607)		
3877261.0	71.54372 (11112117)	86.72662 (11112117)	76.21248 (11112117)

60.56790 (09012607)	96.79790 (09012607)		
3876761.0   72.34838 (13120417)	73.70180 (11112117)	93.03604 (11112117)	
84.52675 (11112117)	75.34040 (09012607)		
3876261.0   82.11609 (13120417)	84.48630 (13120417)	75.75825 (11112117)	
100.04073 (11112117)	95.14533 (11112117)		
3875761.0   71.71765 (12013117)	83.11091 (13120417)	93.38175 (13120417)	
88.09418 (13120417)	108.16507 (11112117)		
3875261.0   71.42221 (12013117)	80.01792 (12013117)	82.34519 (12013117)	
99.91254 (13120417)	104.91333 (13120417)		
3874761.0   71.36366 (13121208)	76.47286 (13121208)	83.57268 (12013117)	
94.16714 (12013117)	103.13734 (13120417)		
3874261.0   73.92933 (12121907)	76.64307 (12121907)	80.30852 (13121208)	
86.49307 (13121208)	99.27066 (12013117)		
3873761.0   72.61512 (12121907)	78.07849 (12121907)	83.26900 (12121907)	
88.77117 (12121907)	95.08008 (12121907)		
3873261.0   54.25605 (13121007)	61.15846 (12121907)	74.45876 (12121907)	
84.40695 (12121907)	93.68361 (12121907)		
3872761.0   71.39066 (13121007)	75.50831 (13121007)	80.38832 (13121007)	
85.05296 (13121007)	92.22628 (13121007)		
3872261.0   70.45788 (13121007)	74.82332 (13121007)	79.45115 (13121007)	
85.58522 (13121007)	92.78318 (13121007)		
3871761.0   68.85441 (09113007)	74.07130 (09113007)	79.31973 (09113007)	
84.14067 (09113007)	92.29807 (09113007)		
3871261.0   69.53586 (09113007)	74.04009 (09113007)	79.44526 (09113007)	
83.61521 (09113007)	90.35330 (09113007)		
3870761.0   59.76533 (09112517)	60.01993 (09112517)	60.99617 (09112517)	
59.55111 (10102007)	73.74846 (10102007)		
3870261.0   39.01157 (10102007)	49.15470 (10102007)	58.61359 (10102007)	
67.59737 (10102007)	70.16359 (10102007)		
3869761.0   47.82806 (10102007)	52.90409 (10102007)	56.94685 (10102007)	
59.92023 (12112717)	64.91392 (12122817)		
3869261.0   45.32323 (09011517)	51.03148 (12112717)	55.71270 (12122817)	
59.83424 (11111017)	65.57227 (09013007)		
3868761.0   48.63593 (12112717)	49.73684 (12122817)	53.70776 (09013007)	
58.82257 (09013007)	49.47237 (09013007)		
3868261.0   46.50918 (11111017)	51.55496 (09013007)	52.50458 (09013007)	
40.98587 (09013007)	59.31142 (09010507)		
3867761.0   49.23240 (09013007)	46.50549 (09013007)	35.62926 (09010507)	
53.74770 (09010507)	57.85134 (09123117)		
3867261.0   40.65128 (09013007)	31.99921 (09010507)	49.07442 (09010507)	
52.80814 (09123117)	53.62848 (13010208)		
3866761.0   27.42118 (09010507)	47.09701 (09010507)	52.99204 (09010507)	
48.28636 (10012008)	53.28355 (09020607)		
3866261.0   33.41793 (09010507)	50.19263 (09010507)	45.61062 (09123117)	
48.62060 (13010208)	51.07555 (09122807)		
3865761.0   41.15356 (09010507)	47.24383 (09123117)	44.85530 (13010208)	
47.17153 (09020607)	57.41218 (09010207)		
3865261.0   44.76440 (09123117)	40.30980 (13010208)	43.62029 (09020607)	
46.98671 (09010207)	60.43271 (09010207)		
3864761.0   36.26398 (10012008)	39.52551 (13010208)	42.11829 (09122807)	

56.34047 (09010207) 50.31684 (09010207)

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: 1003 \*\*\*

INCLUDING SOURCE(S): 1003 ,

\*\*\* NETWORK ID: COURSE ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD			X-COORD (METERS)
(METERS)	433233.00	433733.00	434233.00
	434733.00	435233.00	

3879761.0	69.85250 (13110817)	76.03164 (13110817)	66.96929 (12032707)
62.36938 (09102117)	74.13423 (13010917)		
3879261.0	70.90005 (13123017)	77.27104 (13110817)	74.99140 (13110817)
71.21830 (09102117)	78.48790 (13010917)		
3878761.0	85.45776 (13123017)	81.29318 (13110817)	84.30160 (13110817)
74.22058 (09102117)	81.53739 (13010917)		
3878261.0	91.15600 (13123017)	83.09569 (13123017)	91.55231 (13110817)
79.88857 (12032707)	67.04960 (13010917)		
3877761.0	92.10482 (12110107)	98.15626 (13123017)	95.77942 (13110817)
93.34946 (13110817)	85.83267 (09102117)		
3877261.0	102.28857 (12110107)	102.89996 (13123017)	98.35427 (13123017)
103.86272 (13110817)	91.54419 (09102117)		
3876761.0	109.41738 (09012607)	111.54585 (12110107)	113.31305 (13123017)
110.90936 (13110817)	103.39170 (13110817)		
3876261.0	92.99568 (09012607)	121.42636 (09012607)	117.57594 (13123017)
116.70578 (13123017)	118.48977 (13110817)		
3875761.0	108.03756 (11112117)	113.94135 (09012607)	129.95076 (12110107)
132.76991 (13123017)	128.57032 (09122317)		
3875261.0	116.47242 (11112117)	123.06367 (11112117)	134.76520 (09012607)
143.89543 (12110107)	141.80058 (13123017)		
3874761.0	117.80394 (13120417)	125.20246 (11112117)	138.97038 (11112117)
160.96173 (09012607)	162.50032 (13123017)		
3874261.0	110.80478 (12013117)	128.53808 (13120417)	142.00833 (13120417)
168.79900 (11112117)	194.51928 (09012607)		
3873761.0	102.18761 (12121907)	120.52127 (12013117)	140.95599 (13120417)

171.19824	(13120417)	220.83822	(11112117)		
3873261.0	102.72157	(12121907)	113.93983	(12121907)	130.41707 (12121907)
165.54430	(12013117)	220.05562	(13120417)		
3872761.0	101.05035	(13121007)	112.25173	(13121007)	131.08755 (12121907)
157.99329	(12121907)	214.20494	(12013117)		
3872261.0	101.57516	(13121007)	113.07970	(13121007)	131.45099 (13121007)
158.95197	(13121007)	210.49354	(13121007)		
3871761.0	101.91124	(09113007)	113.37461	(09113007)	131.99024 (09113007)
162.62747	(09113007)	213.98951	(09113007)		
3871261.0	97.56249	(09113007)	103.00186	(09113007)	122.55122 (10102007)
151.33189	(10102007)	185.58135	(10102007)		
3870761.0	87.12535	(10102007)	97.08190	(10102007)	100.91834 (10102007)
120.08395	(09013007)	142.58150	(09010507)		
3870261.0	74.35646	(12122817)	82.38878	(09013007)	93.49224 (09013007)
110.16763	(09010507)	143.05348	(09010207)		
3869761.0	74.62675	(09013007)	74.72523	(09013007)	89.74119 (09010507)
100.43500	(09010207)	123.82331	(09010207)		
3869261.0	60.20481	(09013007)	76.47521	(09010507)	78.76625 (13010208)
106.43100	(09010207)	101.87087	(09010207)		
3868761.0	66.42779	(09010507)	69.56359	(09123117)	83.53062 (09010207)
97.17126	(09010207)	73.34496	(09010207)		
3868261.0	63.34851	(09123117)	67.65826	(09020607)	88.09717 (09010207)
81.28019	(09010207)	54.40394	(10101507)		
3867761.0	60.27726	(13010208)	72.93293	(09010207)	79.70686 (09010207)
57.42480	(09030207)	37.37956	(10101507)		
3867261.0	58.61413	(09122807)	74.70374	(09010207)	64.78624 (09010207)
38.49807	(10101507)	20.58921	(10101507)		
3866761.0	64.44867	(09010207)	69.23747	(09010207)	40.21864 (09030207)
19.40199	(10101507)	13.47076	(09100107)		
3866261.0	67.78874	(09010207)	46.68291	(09010207)	20.63382 (09030207)
10.66602	(09031707)	10.00624	(09100107)		
3865761.0	58.05963	(09010207)	31.27564	(09030207)	11.35242 (11122917)
6.48409	(09031707)	6.49930	(10030508)		
3865261.0	40.41393	(09030207)	15.83501	(13013007)	9.14060 (09031707)
6.34764	(09090207)	6.45502	(10030508)		
3864761.0	32.24413	(09030207)	12.46431	(11122917)	7.83149 (09031707)
6.36721	(09100107)	6.37697	(10030508)		

\*\*\* AERMOD - VERSION 19191 \*\*\* \*\*  
 \*\*\* 09/10/20

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\*\*\* MODELOPTs: RegDFault CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1003 \*\*\*  
 INCLUDING SOURCE(S): 1003 ,

\*\*\* NETWORK ID: COURSE ; NETWORK TYPE:



GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD				X-COORD (METERS)
(METERS)	435733.00		436233.00	436733.00
437233.00		437733.00		

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3879761.0	73.14946 (11112407)	57.43570 (11112407)	51.50960 (12111517)
48.87216 (13120517)	45.24553 (09021007)		
3879261.0	78.03342 (09121717)	24.99211 (13012408)	16.22591 (12111517)
14.66351 (10021007)	41.40072 (09021007)		
3878761.0	46.77515 (13012408)	23.86442 (13012408)	26.84077 (12111517)
22.68361 (09012717)	32.88614 (09020308)		
3878261.0	78.39870 (09121717)	31.71735 (13012408)	74.43102 (11112407)
69.49960 (13120517)	71.36047 (09021007)		
3877761.0	95.38260 (13010917)	95.27640 (11112407)	69.09266 (11112407)
56.36735 (13120517)	57.63152 (09021007)		
3877261.0	102.01845 (13010917)	104.68676 (11112407)	100.60009 (11112407)
80.38039 (13120517)	71.10913 (09021007)		
3876761.0	109.22595 (13010917)	112.75468 (11112407)	109.68367 (11112407)
79.24476 (09021007)	71.20218 (09021007)		
3876261.0	117.26883 (13010917)	121.86689 (11112407)	120.76955 (11112407)
91.70448 (09021007)	91.40376 (09021007)		
3875761.0	126.09655 (13010917)	131.62739 (11112407)	133.23481 (11112407)
103.93551 (09021007)	101.31682 (10022507)		
3875261.0	139.69102 (13110817)	146.13746 (11112407)	148.15392 (11112407)
116.04632 (09021007)	112.29106 (09122808)		
3874761.0	159.70591 (09122317)	164.96147 (11112407)	167.71964 (11112407)
132.37898 (09021007)	130.97578 (11110817)		
3874261.0	195.64022 (13123017)	191.08234 (11112407)	198.35100 (11112407)
163.76074 (12111517)	160.11873 (11122017)		
3873761.0	249.38487 (09012607)	248.23154 (09122317)	251.41068 (11112407)
225.81410 (11112407)	202.93976 (09111717)		
3873261.0	341.91073 (11112117)	392.82141 (12110107)	343.55140 (11112407)
264.64574 (09111717)	218.74306 (12111417)		
3872761.0	358.79609 (13120417)	379.18278 (11112117)	218.59089 (13123017)
171.95581 (12111417)	151.74574 (09110217)		
3872261.0	338.35932 (12121907)	313.26984 (12013117)	155.87679 (09010207)
138.98900 (09110217)	96.20150 (11121207)		
3871761.0	338.01091 (09113007)	274.38336 (09010207)	179.88420 (09010207)
135.49283 (13022207)	95.35245 (13012117)		
3871261.0	252.76418 (09010207)	245.38683 (09010207)	158.36426 (12112107)
113.24325 (13120607)	79.43581 (13022207)		
3870761.0	180.74897 (09010207)	150.74810 (09010207)	107.72597 (12112007)
50.54122 (09103017)	44.09563 (09010608)		
3870261.0	140.34076 (09010207)	107.29170 (10010408)	86.23445 (10020307)

58.02747 (12120608)	36.59946 (09103017)		
3869761.0   101.08392 (09010207)	85.37510 (10010408)	54.06792 (13020708)	
37.12947 (12120608)	18.64506 (12011117)		
3869261.0   79.95950 (13020407)	54.77953 (10101507)	31.67288 (09121117)	
18.34906 (13020708)	13.07156 (09021608)		
3868761.0   55.85223 (13020407)	33.07814 (09121117)	20.84401 (09121117)	
12.14018 (11121307)	11.84648 (09021608)		
3868261.0   31.34487 (10101507)	21.47486 (09121117)	13.02109 (09121117)	
8.36160 (11121217)	7.09169 (09021608)		
3867761.0   19.82346 (09121117)	14.20162 (09100107)	8.21259 (11121217)	
6.79178 (12091907)	8.41382 (09092508)		
3867261.0   15.10824 (09100107)	10.40151 (09100107)	7.45798 (12091907)	
6.81771 (09021909)	8.45331 (09092508)		
3866761.0   9.71106 (09100107)	6.71687 (12091907)	7.25067 (12091907)	
7.56491 (09021909)	5.99353 (09092508)		
3866261.0   6.87432 (09100107)	6.14099 (12041607)	5.49325 (10010410)	
5.87116 (09021909)	5.85660 (09112309)		
3865761.0   6.19600 (12041607)	5.98512 (12041607)	7.22769 (12091907)	
6.46374 (12091907)	5.77553 (09112309)		
3865261.0   6.22501 (12041607)	6.18619 (12091907)	7.26285 (12091907)	
6.44927 (12091907)	5.63356 (09112309)		
3864761.0   6.24941 (12041607)	6.08395 (12091907)	7.24739 (12091907)	
6.43258 (12091907)	5.50208 (09112309)		

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 \*\*\* 09/10/20  
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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1003 \*\*\*  
 INCLUDING SOURCE(S): 1003 ,

\*\*\* NETWORK ID: COURSE ; NETWORK TYPE:  
 GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD			X-COORD (METERS)
(METERS)	438233.00	438733.00	439233.00
	439733.00	440233.00	

3879761.0	37.32011 (09020308)	30.85596 (12012417)	26.13036 (12012417)
22.94601 (12013017)	16.75091 (10102517)		
3879261.0	29.73592 (09020308)	34.42784 (12012417)	27.37925 (12012417)

23.90191 (12013017)	17.50160 (10102517)		
3878761.0   44.84536 (09122808)	36.19567 (12012417)	28.11503 (12013017)	
26.72307 (10102517)	20.76714 (11110817)		
3878261.0   54.30031 (09122808)	45.61730 (12012417)	35.73154 (10102517)	
32.84970 (11110817)	28.91336 (11122017)		
3877761.0   61.35509 (09122808)	54.88826 (12012417)	47.03212 (11110817)	
40.22876 (11110817)	28.40839 (11122017)		
3877261.0   69.16253 (09122808)	56.65246 (10102517)	58.82475 (11110817)	
48.57176 (11122017)	45.16313 (12122708)		
3876761.0   77.38556 (09122808)	74.55104 (11110817)	64.33206 (11122017)	
49.21547 (12122708)	28.62795 (09111717)		
3876261.0   83.93305 (09122808)	81.78466 (11110817)	44.24852 (12122708)	
37.04831 (09111717)	49.40680 (12011107)		
3875761.0   90.00438 (11110817)	74.14114 (11122017)	29.29778 (12122708)	
58.45069 (12011107)	70.07834 (12111417)		
3875261.0   107.28615 (11122017)	68.69556 (12122708)	35.08185 (12011107)	
28.03496 (11100607)	70.63136 (13010717)		
3874761.0   127.37378 (11122017)	89.54949 (12011107)	30.45548 (11100607)	
23.71454 (11100607)	78.97142 (13010717)		
3874261.0   158.73219 (12011107)	132.60372 (12111417)	58.02126 (11100607)	
82.99607 (13103117)	83.88519 (13103117)		
3873761.0   175.62220 (12111417)	136.27744 (13010717)	111.11574 (13103117)	
91.04058 (09110217)	71.41103 (09110217)		
3873261.0   152.03799 (13010717)	121.10442 (09110217)	93.06820 (09110217)	
67.63100 (13121217)	61.39971 (13121217)		
3872761.0   114.78767 (09110217)	87.71292 (13121217)	76.77596 (13121217)	
63.73510 (13121217)	56.85426 (13121217)		
3872261.0   76.86702 (12022307)	69.31226 (12022307)	59.22297 (13121217)	
49.86639 (13121217)	44.79485 (13121217)		
3871761.0   63.30876 (13111317)	46.73784 (11121207)	35.20506 (11121207)	
32.09989 (10012908)	33.63515 (10012908)		
3871261.0   55.05258 (13012117)	47.13097 (10031507)	31.90514 (11121207)	
29.67337 (11121207)	28.51154 (11121207)		
3870761.0   32.84936 (12112808)	32.71742 (13012117)	31.98928 (10012608)	
25.02235 (11121207)	21.56110 (11121207)		
3870261.0   26.69942 (09010608)	26.29593 (12112808)	25.06137 (13012117)	
28.95518 (10012608)	18.98211 (10012617)		
3869761.0   16.44889 (13030807)	17.38791 (09020508)	22.15178 (12112808)	
20.75930 (13012117)	21.38481 (13012117)		
3869261.0   11.40530 (09021608)	14.11048 (13030807)	14.66828 (09020508)	
18.81262 (12112808)	16.32889 (12112808)		
3868761.0   10.94833 (09021608)	10.78549 (13030807)	10.66396 (13030807)	
12.88927 (09020508)	16.96623 (12112808)		
3868261.0   6.77081 (12011009)	7.84002 (10040707)	9.92235 (13030807)	
8.18703 (09020508)	12.35795 (09020508)		
3867761.0   6.69546 (11102708)	8.47079 (09021608)	8.31569 (10040707)	
8.70929 (13030807)	8.09432 (09020508)		
3867261.0   6.57519 (11102708)	8.31986 (09021608)	7.35339 (10040707)	
8.15787 (10040707)	7.44769 (13030807)		
3866761.0   6.30101 (11102708)	7.62108 (09021608)	6.89151 (12011009)	

7.94405 (10040707)	7.33031 (10040707)		
3866261.0   5.76876 (13071707)	6.67815 (09021608)	6.69569 (12011009)	
6.75207 (10040707)	7.95345 (10040707)		
3865761.0   5.51930 (13071707)	6.34370 (11102708)	6.03301 (12011009)	
6.54280 (12011009)	7.47695 (10040707)		
3865261.0   5.16555 (13071707)	6.05338 (11102708)	5.88851 (11102708)	
6.49406 (12011009)	6.14885 (10040707)		
3864761.0   5.11889 (09092508)	5.53072 (11102708)	6.11822 (11102708)	
6.00307 (12011009)	6.21102 (12011009)		

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\*\*\* 09/10/20  
\*\*\* AERMET - VERSION 14134 \*\*\* \*\*  
\*\*\* 07:11:24

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: 1003 \*\*\*  
INCLUDING SOURCE(S): 1003 ,

\*\*\* NETWORK ID: COURSE ; NETWORK TYPE:  
GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD (METERS)		X-COORD (METERS)
442233.00	440733.00	441233.00
	442733.00	441733.00

3879761.0   13.29071 (09012708)	10.88052 (09012708)	8.58159 (12021408)	
6.18652 (13032107)	5.98011 (10012817)		
3879261.0   14.65273 (09012708)	10.75096 (13011417)	9.53433 (12122708)	
8.61735 (10012817)	7.65468 (10012817)		
3878761.0   16.87388 (11122017)	15.70397 (12122708)	12.17253 (13121817)	
11.61783 (10012817)	7.04091 (10012817)		
3878261.0   23.46288 (12122708)	18.55449 (09111717)	13.72049 (10012817)	
10.52109 (10012817)	9.77299 (12031307)		
3877761.0   19.91945 (12122708)	20.08804 (12011107)	20.15944 (12011107)	
14.75249 (12111417)	14.45064 (12110217)		
3877261.0   27.35483 (09111717)	26.79759 (12011107)	26.27019 (12111417)	
24.39376 (12111417)	22.93049 (11100607)		
3876761.0   37.19778 (12011107)	37.66225 (12111417)	34.60482 (12111417)	
31.82080 (11100607)	26.49364 (13010717)		
3876261.0   46.39150 (12111417)	34.59837 (11100607)	21.83567 (11100607)	
26.19018 (13010717)	31.67538 (13103117)		
3875761.0   51.42566 (11100607)	14.40182 (11100607)	12.82007 (13012808)	

26.75090	(09110217)	41.21778	(09110217)		
3875261.0	67.25837	(13010717)	47.28485	(13103117)	41.20577 (09110217)
45.54419	(09110217)	44.10110	(09110217)		
3874761.0	75.43629	(13103117)	65.18115	(09110217)	55.64305 (09110217)
42.70561	(09110217)	28.90063	(09030307)		
3874261.0	70.88791	(09110217)	56.45820	(09110217)	35.32481 (09110217)
32.14124	(09030307)	28.18413	(09030307)		
3873761.0	46.16993	(09110217)	37.06060	(09030307)	30.27828 (09030307)
29.45579	(09011407)	28.66511	(09011407)		
3873261.0	55.90484	(13121217)	51.38236	(13121217)	48.17471 (13121217)
44.37446	(13121217)	40.50471	(13121217)		
3872761.0	51.76342	(13121217)	47.50258	(13121217)	42.52909 (13121217)
38.00611	(13121217)	35.93271	(13121217)		
3872261.0	41.95621	(13121217)	41.25410	(13121217)	37.26671 (13121217)
30.93009	(09111617)	30.46791	(09111617)		
3871761.0	32.17800	(10012908)	31.32633	(10012908)	30.86753 (13010417)
27.25535	(13010417)	24.10160	(13010417)		
3871261.0	26.21459	(10012908)	25.16025	(10012908)	25.23557 (10012908)
23.33770	(10012908)	19.96713	(10012908)		
3870761.0	21.41625	(11121207)	20.89093	(11121207)	15.85703 (10012908)
17.81041	(10012908)	16.08297	(10012908)		
3870261.0	19.04110	(10012617)	17.71987	(10012617)	15.38995 (10012617)
11.68914	(10012617)	9.81157	(11121207)		
3869761.0	11.93257	(10012608)	13.74632	(10012617)	13.64000 (10012617)
12.80174	(10012617)	10.46128	(10012617)		
3869261.0	13.23129	(09011317)	9.02180	(10012707)	7.13771 (10012617)
9.33962	(10012617)	10.41200	(10012617)		
3868761.0	14.68244	(12112808)	9.73096	(10012707)	6.81916 (10012707)
5.39352	(10071607)	5.48165	(10012617)		
3868261.0	15.34985	(12112808)	13.28395	(12112808)	8.89835 (10012707)
7.60420	(10012707)	5.68986	(10012707)		
3867761.0	11.18458	(09020508)	13.55327	(12112808)	12.21102 (12112808)
8.31106	(09011317)	8.27838	(10012707)		
3867261.0	7.75877	(09020508)	9.89163	(09020508)	12.12427 (12112808)
11.22810	(12112808)	7.32434	(12112808)		
3866761.0	5.42574	(13030807)	6.90503	(09020508)	8.60064 (09020508)
10.84233	(12112808)	10.34274	(12112808)		
3866261.0	5.98106	(10040707)	4.84859	(12102908)	6.45500 (09020508)
7.67485	(09020508)	9.85686	(12112808)		
3865761.0	7.37444	(10040707)	4.61395	(13030807)	5.05747 (12102908)
6.38108	(12102908)	6.88820	(09020508)		
3865261.0	7.71348	(10040707)	6.29547	(10040707)	3.61576 (13030807)
5.23186	(12102908)	6.27835	(12102908)		
3864761.0	7.05378	(10040707)	7.39225	(10040707)	4.93837 (10040707)
3.47016	(12102908)	5.36097	(12102908)		
*** AERMOD - VERSION	19191	***	***		
	***		09/10/20		
*** AERMET - VERSION	14134	***	***		
	***		07:11:24		

\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: 1003 \*\*\*

INCLUDING SOURCE(S): 1003 ,

\*\*\* NETWORK ID: COURSE ; NETWORK TYPE:  
GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD			X-COORD (METERS)
(METERS)	443233.00	443733.00	444233.00
444733.00	445233.00		

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3879761.0	5.24428 (10012817)	5.57825 (10012817)	5.79477 (12031307)
5.81273 (12110217)	7.06550 (12110217)		
3879261.0	6.21754 (10012817)	7.36378 (12031307)	6.52467 (12110217)
7.57024 (12110217)	8.53216 (11100607)		
3878761.0	6.44162 (12031307)	8.71386 (12110217)	8.16093 (12110217)
8.66373 (09013017)	7.91644 (09013017)		
3878261.0	8.34659 (12110217)	10.24418 (11100607)	9.15751 (09013017)
7.94457 (09013017)	8.62168 (12121307)		
3877761.0	13.31132 (11100607)	11.09669 (11100607)	8.55562 (12121307)
10.16837 (09012707)	11.69283 (13103117)		
3877261.0	15.80081 (11100607)	11.79243 (12121307)	11.96609 (13103117)
16.40175 (13103117)	16.71874 (09110217)		
3876761.0	19.50689 (13103117)	18.14995 (13103117)	19.45910 (09110217)
22.81604 (09110217)	20.41266 (09110217)		
3876261.0	27.45313 (09110217)	26.78494 (09110217)	26.77865 (09110217)
25.81237 (09110217)	14.30616 (09110217)		
3875761.0	36.52616 (09110217)	33.60446 (09110217)	25.47154 (09110217)
16.91196 (09030307)	15.92953 (09030307)		
3875261.0	33.93249 (09110217)	24.70646 (09030307)	22.60332 (09030307)
21.51137 (09030307)	18.50426 (09030307)		
3874761.0	28.20121 (09030307)	25.29549 (09030307)	21.20118 (09030307)
16.42266 (09030307)	10.61550 (09030307)		
3874261.0	22.35619 (09030307)	15.09009 (09030307)	13.84980 (09011407)
16.54445 (09011407)	18.32526 (09011407)		
3873761.0	28.23320 (09011407)	27.25280 (09011407)	25.97070 (09011407)
25.10832 (09011407)	24.51220 (09011407)		
3873261.0	37.83949 (13121217)	36.92167 (13121217)	35.05904 (13121217)
33.49947 (13121217)	34.11668 (13121217)		
3872761.0	34.17617 (13121217)	31.66974 (13121217)	30.29413 (13121217)
29.43071 (13121217)	30.33945 (13121217)		
3872261.0	29.06105 (09111617)	26.91516 (09111617)	24.18028 (09111617)

24.09570 (09111617)	26.98818 (09111617)		
3871761.0   22.59235 (13010417)	21.56599 (13010417)	18.71466 (13010417)	
20.92797 (13010417)	23.96191 (13010417)		
3871261.0   17.38886 (10012908)	16.61213 (12112617)	14.71997 (12112617)	
16.69856 (12112617)	19.50662 (12112617)		
3870761.0   14.51330 (13112808)	14.28154 (13112808)	13.96973 (13112808)	
13.62534 (13112808)	15.17350 (10012908)		
3870261.0   10.64598 (10012908)	10.77810 (10012908)	11.14643 (10012908)	
11.19662 (10012908)	10.52921 (13112808)		
3869761.0   10.84802 (10012617)	8.07888 (10012617)	9.18537 (13111117)	
7.60845 (13111117)	5.73220 (13111117)		
3869261.0   11.17433 (10012617)	10.19419 (10012617)	9.78038 (10012617)	
7.55412 (10012617)	5.95091 (13111117)		
3868761.0   8.50032 (10012617)	9.31693 (10012617)	10.89374 (10012617)	
9.92129 (10012617)	7.86974 (10012617)		
3868261.0   5.75736 (09011607)	5.73370 (09011607)	8.35062 (10012617)	
8.78176 (10012617)	8.20839 (10012617)		
3867761.0   6.26745 (10012707)	5.98571 (09011607)	5.97079 (09011607)	
4.69322 (10012617)	5.81448 (10012617)		
3867261.0   8.04378 (10012707)	6.78753 (10012707)	5.48686 (12123108)	
5.27172 (09011607)	4.44595 (09011607)		
3866761.0   6.77532 (12112808)	6.89092 (10012707)	6.64065 (10012707)	
5.12685 (10012707)	4.54923 (10071607)		
3866261.0   9.42617 (12112808)	6.38663 (12112808)	5.98338 (10012707)	
5.99924 (10012707)	4.90832 (10071607)		
3865761.0   8.85302 (12112808)	8.70564 (12112808)	5.94787 (12112808)	
4.81587 (10012707)	5.19413 (10012707)		
3865261.0   6.39442 (12123109)	8.24857 (12112808)	8.18339 (12112808)	
5.43237 (12112808)	4.09821 (13110617)		
3864761.0   6.15022 (12102908)	6.24501 (12123109)	7.69623 (12112808)	
7.36175 (12112808)	4.70308 (12112808)		

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1003 \*\*\*

INCLUDING SOURCE(S): 1003 ,

\*\*\* NETWORK ID: COURSE ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD |

X-COORD (METERS)

(METERS) | 445733.00

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-----  
3879761.0 | 7.98860 (11100607)  
3879261.0 | 7.99721 (09013017)  
3878761.0 | 8.18796 (12121307)  
3878261.0 | 9.72091 (13103117)  
3877761.0 | 12.76767 (13103117)  
3877261.0 | 17.09503 (09110217)  
3876761.0 | 18.61692 (09110217)  
3876261.0 | 14.07039 (09030307)  
3875761.0 | 17.12114 (09030307)  
3875261.0 | 15.09533 (09030307)  
3874761.0 | 8.43522 (12012517)  
3874261.0 | 19.24600 (09011407)  
3873761.0 | 23.54829 (09011407)  
3873261.0 | 34.03389 (13121217)  
3872761.0 | 31.94074 (13121217)  
3872261.0 | 28.53326 (09111617)  
3871761.0 | 25.32744 (09012907)  
3871261.0 | 21.31780 (12112617)  
3870761.0 | 15.20571 (12112617)  
3870261.0 | 11.19941 (13112808)  
3869761.0 | 7.38100 (13111117)  
3869261.0 | 6.53076 (13111117)  
3868761.0 | 6.85042 (10012617)  
3868261.0 | 7.32548 (10012617)  
3867761.0 | 6.16377 (10012617)  
3867261.0 | 3.64455 (09011307)  
3866761.0 | 4.20734 (09011607)  
3866261.0 | 4.66669 (10071607)  
3865761.0 | 4.66335 (10071607)  
3865261.0 | 4.38171 (10012707)  
3864761.0 | 3.17358 (13110617)

▲ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*  
\*\*\* 09/10/20  
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\*\*\* 07:11:24

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: 1003 \*\*\*  
INCLUDING SOURCE(S): 1003 ,

\*\*\* NETWORK ID: DESERTL ; NETWORK TYPE:

GRIDCART \*\*\*



\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD				X-COORD (METERS)
(METERS)	435850.40		435900.40	435950.40
436000.40		436050.40		

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3874157.0	212.96716 (13123017)	206.39987 (13123017)	202.34651 (09122317)
200.86727 (09122317)	200.50228 (09122317)		
3874107.0	217.08190 (13123017)	213.35280 (13123017)	207.93724 (13123017)
206.75838 (09122317)	205.49656 (09122317)		
3874057.0	214.39953 (13123017)	213.68225 (13123017)	213.23773 (13123017)
211.00471 (09122317)	210.74861 (09122317)		
3874007.0	219.74332 (13123017)	218.64324 (13123017)	218.04116 (13123017)
215.51807 (13123017)	214.15149 (09122317)		
3873957.0	232.68117 (13123017)	223.99787 (13123017)	222.66540 (13123017)
220.62720 (13123017)	217.66430 (13123017)		
3873907.0	235.35664 (13123017)	229.45491 (13123017)	228.42941 (13123017)
226.81497 (13123017)	224.38425 (13123017)		
3873857.0	235.54561 (13123017)	235.06735 (13123017)	234.29318 (13123017)
233.04081 (13123017)	231.09309 (13123017)		
3873807.0	241.26380 (13123017)	240.89703 (13123017)	240.31491 (13123017)
239.36566 (13123017)	237.83934 (13123017)		
3873757.0	248.35936 (12110107)	247.00700 (13123017)	246.56738 (13123017)
246.37790 (13123017)	245.72952 (13123017)		
3873707.0	256.39856 (12110107)	254.09024 (12110107)	253.11984 (13123017)
254.27331 (13123017)	255.06198 (13123017)		
3873657.0	264.58320 (12110107)	262.78066 (12110107)	260.17888 (12110107)
260.85861 (13123017)	263.81585 (13123017)		
3873607.0	274.81565 (09012607)	271.65836 (12110107)	269.60921 (12110107)
269.74232 (13123017)	273.16387 (13123017)		
3873557.0	285.73175 (09012607)	282.38393 (09012607)	279.27548 (12110107)
281.10452 (12110107)	283.96179 (13123017)		
3873507.0	296.95334 (09012607)	294.25330 (09012607)	291.36201 (09012607)
293.55570 (12110107)	297.72731 (12110107)		
3873457.0	308.66360 (09012607)	306.55966 (09012607)	307.67282 (09012607)
310.43539 (09012607)	314.00832 (12110107)		
3873407.0	323.69003 (09012607)	324.74113 (09012607)	326.99106 (09012607)
330.39862 (09012607)	330.85980 (09012607)		
3873357.0	340.01179 (09012607)	342.66445 (09012607)	347.02976 (09012607)
352.10273 (09012607)	352.99001 (09012607)		
3873307.0	357.22900 (09012607)	362.60599 (09012607)	368.18535 (09012607)
373.78306 (09012607)	377.68609 (09012607)		
3873257.0	372.96553 (09012607)	372.62567 (09012607)	384.16142 (09012607)
382.94241 (09012607)	396.07146 (09012607)		
3873207.0	371.50464 (09012607)	375.71710 (09012607)	382.58188 (09012607)
381.76613 (09012607)	393.13329 (09012607)		
3873157.0	369.90671 (11112117)	376.62814 (09012607)	376.34908 (09012607)

379.79588 (09012607) 389.23743 (09012607)  
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 \*\*\* 09/10/20  
 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*  
 \*\*\* 07:11:24

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1003 \*\*\*  
 INCLUDING SOURCE(S): 1003 ,

\*\*\* NETWORK ID: DESERTL ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD			X-COORD (METERS)
(METERS)	436100.40	436150.40	436200.40
436250.40	436300.40		

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3874157.0	199.93016 (09122317)	199.38435 (11112407)	199.27210 (11112407)
199.50549 (11112407)	199.04725 (11112407)		
3874107.0	204.37796 (09122317)	203.31392 (09122317)	203.70652 (11112407)
206.71538 (11112407)	208.19175 (11112407)		
3874057.0	209.69172 (09122317)	209.42926 (09122317)	212.00148 (11112407)
215.82210 (11112407)	216.45250 (11112407)		
3874007.0	214.92389 (09122317)	215.48899 (09122317)	217.13870 (11112407)
219.94827 (11112407)	221.21558 (11112407)		
3873957.0	218.52652 (09122317)	220.42072 (09122317)	222.60182 (09122317)
224.23528 (11112407)	225.38444 (11112407)		
3873907.0	223.86411 (09122317)	225.57642 (09122317)	227.73902 (09122317)
229.06496 (11112407)	230.68414 (11112407)		
3873857.0	228.65446 (13123017)	230.99687 (09122317)	233.47374 (09122317)
235.06439 (09122317)	236.32960 (11112407)		
3873807.0	237.41000 (13123017)	237.64169 (09122317)	239.94331 (09122317)
241.82932 (09122317)	243.50955 (11112407)		
3873757.0	246.42493 (13123017)	246.53669 (13123017)	246.84646 (09122317)
249.43773 (09122317)	250.63810 (09122317)		
3873707.0	255.79853 (13123017)	256.14673 (13123017)	255.23131 (13123017)
256.73880 (09122317)	258.28969 (09122317)		
3873657.0	265.65877 (13123017)	266.68856 (13123017)	266.04352 (13123017)
265.55121 (09122317)	266.47689 (09122317)		
3873607.0	276.78955 (13123017)	278.42475 (13123017)	277.36100 (13123017)
276.17532 (13123017)	276.77092 (09122317)		
3873557.0	288.19566 (13123017)	291.67988 (13123017)	289.95655 (13123017)

287.85120 (13123017)	286.65144 (13123017)		
3873507.0   301.42962 (13123017)	304.88111 (13123017)	304.87610 (13123017)	
302.73530 (13123017)	299.43506 (13123017)		
3873457.0   315.83543 (12110107)	317.98591 (13123017)	319.25497 (13123017)	
318.32290 (13123017)	317.04930 (13123017)		
3873407.0   332.18439 (12110107)	333.32576 (13123017)	334.35413 (13123017)	
336.41485 (13123017)	336.55376 (13123017)		
3873357.0   351.56220 (09012607)	350.01633 (12110107)	353.02851 (13123017)	
356.03938 (13123017)	355.34908 (13123017)		
3873307.0   373.67876 (09012607)	368.44250 (09012607)	373.83282 (12110107)	
375.48385 (13123017)	374.01321 (13123017)		
3873257.0   393.01948 (09012607)	388.40254 (09012607)	395.22253 (09012607)	
392.79430 (12110107)	389.28119 (13123017)		
3873207.0   392.51270 (09012607)	389.20802 (09012607)	399.88619 (09012607)	
396.47522 (09012607)	392.88834 (12110107)		
3873157.0   389.31895 (09012607)	400.64114 (09012607)	397.19176 (09012607)	
395.29929 (09012607)	389.25728 (12110107)		

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

VALUES FOR SOURCE GROUP: 1003  
 \*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 \*\*\* INCLUDING SOURCE(S): 1003 ,

\*\*\* NETWORK ID: DESERTL ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD			X-COORD (METERS)
(METERS)	436350.40	436400.40	436450.40
	436500.40	436550.40	

3874157.0	198.93480 (11112407)	200.18546 (11112407)	203.53398 (11112407)
206.08631 (11112407)	206.20324 (11112407)		
3874107.0	207.12809 (11112407)	208.55377 (11112407)	209.84758 (11112407)
211.22663 (11112407)	211.32971 (11112407)		
3874057.0	215.82469 (11112407)	215.69616 (11112407)	215.56792 (11112407)
215.93636 (11112407)	216.49775 (11112407)		
3874007.0	221.08179 (11112407)	220.94786 (11112407)	220.81444 (11112407)
220.68076 (11112407)	220.80327 (11112407)		
3873957.0	226.13033 (11112407)	225.99159 (11112407)	226.40081 (11112407)

226.26135 (11112407)	226.12219 (11112407)		
3873907.0   232.09759 (11112407)	232.23722 (11112407)	232.09208 (11112407)	
232.22121 (11112407)	232.34045 (11112407)		
3873857.0   237.87958 (11112407)	238.34094 (11112407)	238.75978 (11112407)	
238.60699 (11112407)	239.46437 (11112407)		
3873807.0   244.06851 (11112407)	245.21275 (11112407)	245.63537 (11112407)	
246.25673 (11112407)	246.55298 (11112407)		
3873757.0   251.09264 (11112407)	252.31992 (11112407)	252.77173 (11112407)	
253.43038 (11112407)	253.50406 (11112407)		
3873707.0   259.20465 (09122317)	259.67625 (11112407)	261.12164 (11112407)	
261.21614 (11112407)	260.97615 (11112407)		
3873657.0   267.81023 (09122317)	267.65587 (11112407)	269.30276 (11112407)	
269.40976 (11112407)	269.07621 (11112407)		
3873607.0   277.49773 (09122317)	278.05832 (09122317)	278.24760 (11112407)	
278.28087 (11112407)	277.70165 (11112407)		
3873557.0   287.60178 (09122317)	288.61345 (09122317)	288.48222 (11112407)	
288.14396 (11112407)	287.49829 (11112407)		
3873507.0   299.78474 (09122317)	301.11283 (09122317)	300.35332 (09122317)	
298.80178 (11112407)	298.04472 (11112407)		
3873457.0   316.07040 (13123017)	314.59457 (09122317)	313.44753 (09122317)	
311.64910 (09122317)	309.85151 (11112407)		
3873407.0   333.95651 (13123017)	329.03512 (13123017)	327.89710 (09122317)	
326.22625 (09122317)	323.84808 (09122317)		
3873357.0   352.54112 (13123017)	348.20348 (13123017)	343.79515 (09122317)	
342.16893 (09122317)	339.73956 (09122317)		
3873307.0   371.81100 (13123017)	368.32834 (13123017)	362.93649 (13123017)	
358.53973 (09122317)	356.57231 (09122317)		
3873257.0   388.02669 (13123017)	386.41487 (13123017)	382.73105 (13123017)	
377.01484 (13123017)	370.85606 (09122317)		
3873207.0   390.78941 (13123017)	394.84514 (13123017)	392.16274 (13123017)	
413.04732 (13123017)	398.54755 (09122317)		
3873157.0   391.58034 (12110107)	390.41474 (13123017)	403.86732 (13123017)	
400.49076 (13123017)	378.27531 (13123017)		

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1003 \*\*\*  
 INCLUDING SOURCE(S): 1003 ,

\*\*\* NETWORK ID: DESERTL ; NETWORK TYPE:  
 GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD				X-COORD (METERS)
(METERS)	436600.40		436650.40	436700.40
	436750.40	436800.40		

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3874157.0	205.60474 (11112407)	206.63679 (11112407)	206.93368 (11112407)
207.74135 (11112407)	207.44371 (11112407)		
3874107.0	210.97757 (11112407)	211.08049 (11112407)	211.59616 (11112407)
212.04713 (11112407)	212.26640 (11112407)		
3874057.0	216.36815 (11112407)	216.45353 (11112407)	216.92166 (11112407)
217.31712 (11112407)	217.49349 (11112407)		
3874007.0	221.15777 (11112407)	222.10071 (11112407)	222.33607 (11112407)
222.53497 (11112407)	222.54279 (11112407)		
3873957.0	226.73792 (11112407)	227.67490 (11112407)	228.06558 (11112407)
227.91339 (11112407)	227.71977 (11112407)		
3873907.0	233.37031 (11112407)	233.80420 (11112407)	233.61342 (11112407)
233.41146 (11112407)	233.14307 (11112407)		
3873857.0	239.74764 (11112407)	239.74752 (11112407)	239.49615 (11112407)
239.13061 (11112407)	238.90946 (11112407)		
3873807.0	246.37781 (11112407)	246.11268 (11112407)	245.67704 (11112407)
245.36126 (11112407)	244.92163 (11112407)		
3873757.0	253.20838 (11112407)	252.93886 (11112407)	252.30027 (11112407)
251.67787 (11112407)	251.37891 (11112407)		
3873707.0	260.60563 (11112407)	260.20149 (11112407)	259.49095 (11112407)
259.04553 (11112407)	258.06510 (11112407)		
3873657.0	268.60174 (11112407)	268.10758 (11112407)	267.53553 (11112407)
267.04834 (11112407)	265.96278 (11112407)		
3873607.0	276.87636 (11112407)	276.67547 (11112407)	275.98354 (11112407)
275.20510 (11112407)	274.34146 (11112407)		
3873557.0	286.57293 (11112407)	285.79860 (11112407)	285.37631 (11112407)
283.95684 (11112407)	282.27124 (11112407)		
3873507.0	297.28535 (11112407)	295.91937 (11112407)	294.55643 (11112407)
293.35060 (11112407)	291.65446 (11112407)		
3873457.0	309.17899 (11112407)	307.61588 (11112407)	305.69309 (11112407)
302.97725 (11112407)	300.31282 (11112407)		
3873407.0	322.41163 (11112407)	319.89228 (11112407)	317.04484 (11112407)
312.45310 (11112407)	309.01665 (11112407)		
3873357.0	335.73826 (09122317)	332.31745 (11112407)	327.98313 (11112407)
321.96095 (11112407)	317.55999 (11112407)		
3873307.0	351.81369 (09122317)	344.34166 (11112407)	338.40762 (11112407)
331.18917 (11112407)	329.83897 (11112407)		
3873257.0	368.98555 (09122317)	359.06227 (09122317)	345.06295 (09122317)
303.63525 (11112407)	303.54050 (11112407)		
3873207.0	373.76087 (09122317)	361.90610 (09122317)	342.46076 (13110817)
301.63041 (11112407)	301.62668 (11112407)		
3873157.0	358.55774 (09122317)	351.89856 (09122317)	301.75552 (09122317)
297.69617 (13110817)	295.67958 (11112407)		

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: 1003 \*\*\*  
INCLUDING SOURCE(S): 1003 ,

\*\*\* NETWORK ID: DESERTL ; NETWORK TYPE:  
GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD | X-COORD (METERS)  
(METERS) | 436850.40

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-----  
3874157.0 | 207.48035 (11112407)  
3874107.0 | 212.59365 (11112407)  
3874057.0 | 217.49387 (11112407)  
3874007.0 | 222.35209 (11112407)  
3873957.0 | 227.47707 (11112407)  
3873907.0 | 232.94121 (11112407)  
3873857.0 | 238.60183 (11112407)  
3873807.0 | 244.65427 (11112407)  
3873757.0 | 250.92763 (11112407)  
3873707.0 | 257.70506 (11112407)  
3873657.0 | 265.13560 (11112407)  
3873607.0 | 273.12554 (11112407)  
3873557.0 | 281.40063 (11112407)  
3873507.0 | 289.77688 (11112407)  
3873457.0 | 297.91424 (11112407)  
3873407.0 | 307.40501 (11112407)  
3873357.0 | 315.54805 (11112407)  
3873307.0 | 328.47676 (11112407)  
3873257.0 | 303.44357 (11112407)  
3873207.0 | 301.62277 (11112407)  
3873157.0 | 295.67564 (11112407)

\*\*\* AERMOD - VERSION 19191 \*\*\*

\*\*\* 09/10/20

\*\*\* AERMET - VERSION 14134 \*\*\*  
\*\*\* 07:11:24

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1003 \*\*\*  
 INCLUDING SOURCE(S): 1003 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)
Y-COORD (M)	CONC	(YYMMDDHH)		
439914.30	3872794.00	61.68143	(13121217)	436262.90
3873356.00	356.98831	(13123017)		
435902.60	3873538.00	286.47977	(09012607)	435899.30
3873949.00	224.76587	(13123017)		
435800.90	3871509.00	347.49586	(09010207)	435900.90
3871509.00	352.41174	(09010207)		
436000.90	3871509.00	364.45530	(09010207)	436100.90
3871509.00	364.25117	(09010207)		
436200.90	3871509.00	341.04824	(09010207)	436300.90
3871509.00	299.07409	(09010207)		
436400.90	3871509.00	277.85219	(09010207)	436500.90
3871509.00	253.18276	(09010207)		
436600.90	3871509.00	223.89551	(09010207)	436700.90
3871509.00	192.54574	(09010207)		
436800.90	3871509.00	172.11265	(09103017)	436900.90
3871509.00	162.42658	(09103017)		
437000.90	3871509.00	154.29677	(13120607)	437100.90
3871509.00	146.33631	(13120607)		
437200.90	3871510.00	138.04511	(09010608)	437300.90
3871510.00	135.68280	(09010608)		
437400.90	3871510.00	125.32947	(09010608)	437448.90
3871510.00	124.34531	(13022207)		
437448.90	3871610.00	122.10862	(13022207)	437448.90
3871710.00	120.00151	(13012117)		
437448.90	3871810.00	124.99105	(13012117)	437448.90
3871910.00	125.97770	(13012117)		
437448.90	3872010.00	124.54177	(13012117)	437448.90
3872110.00	125.66924	(10031507)		
437448.90	3872210.00	122.60934	(13111317)	437448.90
3872310.00	137.24447	(09110217)		
437448.90	3872410.00	147.25169	(09110217)	437448.90
3872510.00	161.58903	(09110217)		
437448.90	3872610.00	162.25976	(09110217)	437449.00
3872710.00	173.23624	(09110217)		
437449.00	3872810.00	184.80944	(09110217)	437449.00

3872910.00	189.43192	(12111417)			
437449.00	3873010.00	209.85310	(12111417)		437449.00
3873110.00	227.89568	(12111417)			
437449.00	3873210.00	250.91131	(12011107)		437449.00
3873211.00	250.98704	(12011107)			
437349.00	3873212.00	257.19269	(12011107)		437249.00
3873213.00	251.09639	(12011107)			
437149.00	3873215.00	261.09163	(09111717)		437049.00
3873216.00	292.79485	(11112407)			
436949.00	3873217.00	302.79157	(11112407)		436849.00
3873218.00	302.91672	(11112407)			
436749.10	3873220.00	303.15887	(11112407)		436649.10
3873221.00	363.31611	(09122317)			
436549.10	3873222.00	400.26480	(09122317)		436449.10
3873224.00	393.67239	(13123017)			
436349.10	3873225.00	391.70045	(13123017)		436249.10
3873226.00	395.70732	(12110107)			
436149.10	3873228.00	390.77865	(09012607)		436049.10
3873229.00	392.19738	(09012607)			
435949.10	3873230.00	385.35739	(09012607)		435849.10
3873232.00	374.66513	(09012607)			
435835.80	3873232.00	374.72585	(09012607)		435833.70
3873132.00	372.04449	(11112117)			
435831.70	3873032.00	380.05728	(11112117)		435829.70
3872932.00	376.61215	(11112117)			
435827.70	3872832.00	376.44937	(13120417)		435825.60
3872732.00	378.04486	(13120417)			
435823.60	3872632.00	384.99956	(13120417)		435821.60
3872532.00	382.45927	(12013117)			
435819.60	3872432.00	376.63399	(12013117)		435817.50
3872332.00	367.80520	(12013117)			
435815.50	3872232.00	354.93259	(12121907)		435813.50
3872132.00	358.35048	(12121907)			
435811.50	3872032.00	353.96911	(09113007)		435809.40
3871932.00	353.11632	(09113007)			
435807.40	3871832.00	350.28571	(09113007)		435805.40
3871732.00	350.52100	(09113007)			
435803.40	3871632.00	350.75598	(09113007)		435801.40
3871532.00	349.35677	(09113007)			

\*\*\* AERMOD - VERSION 19191 \*\*\* \*\*  
 \*\*\* 09/10/20

\*\*\* AERMET - VERSION 14134 \*\*\* \*\*  
 \*\*\* 07:11:24

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE SUMMARY OF MAXIMUM PERIOD ( 43872  
 HRS) RESULTS \*\*\*



\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

GROUP ID	NETWORK	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV,
ZHILL, ZFLAG)	OF TYPE GRID-ID		
1003	1ST HIGHEST VALUE IS	5.38368 AT (	436233.00, 3872761.00, 736.00,
736.00,	1.20) GC COURSE	5.06294 AT (	436500.40, 3873157.00, 736.00,
736.00,	1.20) GC DESERTL	5.04326 AT (	436450.40, 3873157.00, 736.00,
736.00,	1.20) GC DESERTL	4.71995 AT (	436400.40, 3873157.00, 735.10,
735.10,	1.20) GC DESERTL	4.71488 AT (	436550.40, 3873157.00, 736.40,
736.40,	1.20) GC DESERTL	4.69785 AT (	436500.40, 3873207.00, 735.90,
735.90,	1.20) GC DESERTL	4.66149 AT (	436350.40, 3873157.00, 735.00,
735.00,	1.20) GC DESERTL	4.63722 AT (	436550.40, 3873207.00, 736.00,
736.00,	1.20) GC DESERTL	4.63031 AT (	436233.00, 3872261.00, 737.20,
737.20,	1.20) GC COURSE	4.50844 AT (	436300.40, 3873157.00, 734.00,
734.00,	1.20) GC DESERTL		

\*\*\* RECEPTOR TYPES: GC = GRIDCART  
 GP = GRIDPOLR  
 DC = DISCCART  
 DP = DISCPOLR

▲ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*\*  
 \*\*\* 09/10/20  
 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*  
 \*\*\* 07:11:24

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\*\*\* MODELOPTs: RegDFault CONC ELEV FLGPOL RURAL

\*\*\* THE SUMMARY OF HIGHEST 1-HR

RESULTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

GROUP ID (XR, YR, ZELEV, ZHILL, ZFLAG)	AVERAGE CONC OF TYPE	NETWORK GRID-ID	DATE (YYMMDDHH)	RECEPTOR
-----				
-----				

1003 HIGH 1ST HIGH VALUE IS 413.04732 ON 13123017: AT ( 436500.40,  
3873207.00, 735.90, 735.90, 1.20) GC DESERTL

\*\*\* RECEPTOR TYPES: GC = GRIDCART  
GP = GRIDPOLR  
DC = DISCCART  
DP = DISCPOLR

\*\*\* AERMOD - VERSION 19191 \*\*\* \*\*  
\*\*\* 09/10/20

\*\*\* AERMET - VERSION 14134 \*\*\* \*\*  
\*\*\* 07:11:24

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\*\*\* MODELOPTs: RegDFault CONC ELEV FLGPOL RURAL

\*\*\* Message Summary : AERMOD Model Execution \*\*\*

----- Summary of Total Messages -----

A Total of 0 Fatal Error Message(s)  
A Total of 2 Warning Message(s)  
A Total of 16969 Informational Message(s)  
  
A Total of 43872 Hours Were Processed  
  
A Total of 10164 Calm Hours Identified  
  
A Total of 6805 Missing Hours Identified ( 15.51 Percent)

CAUTION!: Number of Missing Hours Exceeds 10 Percent of Total!  
Data May Not Be Acceptable for Regulatory Applications.  
See Section 5.3.2 of "Meteorological Monitoring Guidance  
for Regulatory Modeling Applications" (EPA-454/R-99-005).

\*\*\*\*\* FATAL ERROR MESSAGES \*\*\*\*\*  
\*\*\* NONE \*\*\*

\*\*\*\*\* WARNING MESSAGES \*\*\*\*\*

CO W200 5 TITLES: Missing Parameter(s). No Options Specified For  
TITLEONE  
CO W200 6 TITLES: Missing Parameter(s). No Options Specified For  
TITLETWO

\*\*\*\*\*  
\*\*\* AERMOD Finishes Successfully \*\*\*  
\*\*\*\*\*

## *AERMOD Output*

---

Project Site 4

```

**AERMOD INPUT FILE CREATED BY HARP VERSION 19044
**DATE CREATED: 5/8/2019 5:14:33 PM
**
CO STARTING
  TITLEONE
  TITLETWO
  MODELOPT DFAULT CONC
  AVERTIME 1 PERIOD
  POLLUTID OTHER
  RUNORNOT RUN
  FLAGPOLE 1.2
  ERRORFIL "C:\Users\elinard\Desktop\8MINUTE_CUP4\8MINUTE_CUP4_AERMOD.ERR"
CO FINISHED
**
**SOURCES
SO STARTING
**SOURCES LOCATIONS
  LOCATION 1004 AREAPOLY 435809 3873839 728.85
**SOURCES PARAMETERS
  SRCPARAM 1004 5.47146671145974E-07 3.1 13
  AREAVERT 1004 435809 3873839 435484 3873946 434626 3873973 434511 3873808 434404
3873773 434279 3873949 434026 3873988 432967 3873973 432770 3873952 432679 3873904
432691 3873364 435836 3873365 435809 3873839
**M-F
  EMISFACT 1004 HRDOW 0 0 0 0 0 0
  EMISFACT 1004 HRDOW 6.545455 6.545455 6.545455 6.545455 6.545455 6.545455
  EMISFACT 1004 HRDOW 6.545455 6.545455 6.545455 6.545455 6.545455 0
  EMISFACT 1004 HRDOW 0 0 0 0 0 0
**Saturday
  EMISFACT 1004 HRDOW 0 0 0 0 0 0
  EMISFACT 1004 HRDOW 0 0 0 0 0 0
  EMISFACT 1004 HRDOW 0 0 0 0 0 0
  EMISFACT 1004 HRDOW 0 0 0 0 0 0
**Sunday
  EMISFACT 1004 HRDOW 0 0 0 0 0 0
  EMISFACT 1004 HRDOW 0 0 0 0 0 0
  EMISFACT 1004 HRDOW 0 0 0 0 0 0
  EMISFACT 1004 HRDOW 0 0 0 0 0 0
  SRCGROUP 1004 1004
SO FINISHED
**
**RECEPTORS
RE STARTING
  INCLUDED "C:\Users\elinard\Desktop\8MINUTE_CUP4\8MINUTE_CUP4_AERMAP.REC"
RE FINISHED
**
**MET PATHWAY
ME STARTING
ME SURFFILE "C:\Users\elinard\Desktop\8MINUTE_CUP4\MET\723171.SFC"
ME PROFFILE "C:\Users\elinard\Desktop\8MINUTE_CUP4\MET\723171.PFL"

```

ME SURFDATA 53144 2009  
ME UAIRDATA 3190 2009  
ME SITEDATA 0 2009  
ME PROFBASE 694.3  
ME FINISHED

\*\*

\*\*OUTPUT PATHWAY

OU STARTING

RECTABLE ALLAVE 1ST

RECTABLE 1 1ST

PLOTFILE 1 1004 1ST "C:\Users\elinard\Desktop\8MINUTE\_CUP4\plt\MAX1HR1004.PLT" 31

PLOTFILE PERIOD 1004 "C:\Users\elinard\Desktop\8MINUTE\_CUP4\plt\PERIOD1004.PLT"

32

OU FINISHED

\*\*\* Message Summary For AERMOD Model Setup \*\*\*

----- Summary of Total Messages -----

A Total of                   0 Fatal Error Message(s)  
A Total of                   2 Warning Message(s)  
A Total of                   0 Informational Message(s)

\*\*\*\*\* FATAL ERROR MESSAGES \*\*\*\*\*  
\*\*\* NONE \*\*\*

\*\*\*\*\* WARNING MESSAGES \*\*\*\*\*  
CO W200           5        TITLES: Missing Parameter(s). No Options Specified For  
TITLEONE  
CO W200           6        TITLES: Missing Parameter(s). No Options Specified For  
TITLETWO

\*\*\*\*\*  
\*\*\* SETUP Finishes Successfully \*\*\*  
\*\*\*\*\*

\*\*\* AERMOD - VERSION 19191 \*\*\*     \*\*\*  
                          \*\*\*           09/09/20  
\*\*\* AERMET - VERSION 14134 \*\*\*     \*\*\*  
                          \*\*\*           22:09:40

PAGE 1

\*\*\* MODELOPTs:    RegDEFAULT   CONC   ELEV   FLGPOL   RURAL

\*\*\*                                   MODEL SETUP OPTIONS SUMMARY

\*\*\*

-----

- - - - -  
\*\*Model Is Setup For Calculation of Average CONCentration Values.

-- DEPOSITION LOGIC --

\*\*NO GAS DEPOSITION Data Provided.

\*\*NO PARTICLE DEPOSITION Data Provided.

\*\*Model Uses NO DRY DEPLETION. DRYDPLT = F

\*\*Model Uses NO WET DEPLETION. WETDPLT = F

\*\*Model Uses RURAL Dispersion Only.

\*\*Model Uses Regulatory DEFAULT Options:

1. Stack-tip Downwash.
2. Model Accounts for ELEVated Terrain Effects.
3. Use Calms Processing Routine.
4. Use Missing Data Processing Routine.
5. No Exponential Decay.

\*\*Other Options Specified:

CCVR\_Sub - Meteorological data includes CCVR substitutions

TEMP\_Sub - Meteorological data includes TEMP substitutions

\*\*Model Accepts FLAGPOLE Receptor Heights.

\*\*The User Specified a Pollutant Type of: OTHER

\*\*Model Calculates 1 Short Term Average(s) of: 1-HR  
and Calculates PERIOD Averages

\*\*This Run Includes: 1 Source(s); 1 Source Group(s); and 1488  
Receptor(s)

with: 0 POINT(s), including  
0 POINTCAP(s) and 0 POINTHOR(s)  
and: 0 VOLUME source(s)  
and: 1 AREA type source(s)  
and: 0 LINE source(s)  
and: 0 RLINE/RLINEXT source(s)  
and: 0 OPENPIT source(s)  
and: 0 BUOYANT LINE source(s) with 0 line(s)

\*\*Model Set To Continue RUNning After the Setup Testing.

\*\*The AERMET Input Meteorological Data Version Date: 14134

\*\*Output Options Selected:

Model Outputs Tables of PERIOD Averages by Receptor

Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE

Keyword)

Model Outputs External File(s) of High Values for Plotting (PLOTFILE

Keyword)

\*\*NOTE: The Following Flags May Appear Following CONC Values: c for Calm Hours  
m for Missing Hours  
b for Both Calm and

Missing Hours

\*\*Misc. Inputs: Base Elev. for Pot. Temp. Profile (m MSL) = 694.30 ; Decay  
Coef. = 0.000 ; Rot. Angle = 0.0  
Emission Units = GRAMS/SEC ;  
Emission Rate Unit Factor = 0.10000E+07  
Output Units = MICROGRAMS/M\*\*3

\*\*Approximate Storage Requirements of Model = 3.7 MB of RAM.

\*\*Input Runstream File: aermod.inp

\*\*Output Print File: aermod.out

\*\*Detailed Error/Message File:  
C:\Users\elinard\Desktop\8MINUTE\_CUP4\8MINUTE\_CUP4\_AERMOD.ERR

\*\*\* AERMOD - VERSION 19191 \*\*\*  
\*\*\* 09/09/20  
\*\*\* AERMET - VERSION 14134 \*\*\*  
\*\*\* 22:09:40

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\*\*\* AREAPOLY SOURCE DATA \*\*\*

INIT.	URBAN	NUMBER	EMISSION RATE	LOCATION OF AREA		BASE	RELEASE	NUMBER
SOURCE	SOURCE	EMISSION RATE	(GRAMS/SEC	X	Y	ELEV.	HEIGHT	OF VERTS.
SZ	ID	SCALAR VARY	/METER**2)	(METERS)	(METERS)	(METERS)	(METERS)	
(METERS)		CATS.	BY					

1004 0 0.54715E-06 435809.0 3873839.0 728.8 3.10 13  
0.00 NO HRDOW

\*\*\* AERMOD - VERSION 19191 \*\*\*  
\*\*\* 09/09/20  
\*\*\* AERMET - VERSION 14134 \*\*\*



\*\*\* 22:09:40

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* SOURCE IDs DEFINING SOURCE GROUPS \*\*\*

SRCGROUP ID

SOURCE IDs

1004 1004 ,  
 \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*\*  
 \*\*\* 09/09/20  
 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*  
 \*\*\* 22:09:40

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) \*

SOURCE ID = 1004 ; SOURCE TYPE = AREAPOLY :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.6545E+01	8	.6545E+01	9	.6545E+01	10	.6545E+01
11	.6545E+01	12	.6545E+01	13	.6545E+01	14	.6545E+01	15	.6545E+01
16	.6545E+01	17	.6545E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00
21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00		

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.6545E+01	8	.6545E+01	9	.6545E+01	10	.6545E+01
11	.6545E+01	12	.6545E+01	13	.6545E+01	14	.6545E+01	15	.6545E+01
16	.6545E+01	17	.6545E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00
21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00		

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.0000E+00	8	.0000E+00	9	.0000E+00	10	.0000E+00
11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00
21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00		

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.0000E+00	8	.0000E+00	9	.0000E+00	10	.0000E+00
11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00
21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00		

\*\*\* AERMOD - VERSION 19191 \*\*\* \*\*  
\*\*\* \*\*  
09/09/20  
\*\*\* AERMET - VERSION 14134 \*\*\* \*\*  
\*\*\* \*\*  
22:09:40

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\*\*\* GRIDDED RECEPTOR NETWORK SUMMARY \*\*\*

\*\*\* NETWORK ID: COURSE ; NETWORK TYPE: GRIDCART

\*\*\*

\*\*\* X-COORDINATES OF GRID \*\*\*  
(METERS)

430733.0, 431233.0, 431733.0, 432233.0, 432733.0, 433233.0, 433733.0,  
434233.0, 434733.0, 435233.0,  
435733.0, 436233.0, 436733.0, 437233.0, 437733.0, 438233.0, 438733.0,  
439233.0, 439733.0, 440233.0,  
440733.0, 441233.0, 441733.0, 442233.0, 442733.0, 443233.0, 443733.0,  
444233.0, 444733.0, 445233.0,  
445733.0,

\*\*\* Y-COORDINATES OF GRID \*\*\*  
(METERS)

3864761.0, 3865261.0, 3865761.0, 3866261.0, 3866761.0, 3867261.0, 3867761.0,  
3868261.0, 3868761.0, 3869261.0,  
3869761.0, 3870261.0, 3870761.0, 3871261.0, 3871761.0, 3872261.0, 3872761.0,  
3873261.0, 3873761.0, 3874261.0,  
3874761.0, 3875261.0, 3875761.0, 3876261.0, 3876761.0, 3877261.0, 3877761.0,  
3878261.0, 3878761.0, 3879261.0,  
3879761.0,

\*\*\* AERMOD - VERSION 19191 \*\*\* \*\*  
\*\*\* \*\*  
09/09/20  
\*\*\* AERMET - VERSION 14134 \*\*\* \*\*  
\*\*\* \*\*  
22:09:40

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\*\*\* NETWORK ID: COURSE ; NETWORK TYPE: GRIDCART

\*\*\*

\* ELEVATION HEIGHTS IN METERS \*

Y-COORD (METERS)		430733.00	431233.00	431733.00	432233.00	432733.00
433233.00		433733.00	434233.00	434733.00		

3879761.00	744.00	779.70	750.30	737.30	737.90
739.30	743.20	743.10	749.90		
3879261.00	730.50	744.90	743.90	734.60	734.90
737.10	746.00	738.90	741.00		
3878761.00	725.80	729.60	732.10	732.60	732.60
734.30	734.30	737.60	737.60		
3878261.00	725.30	728.10	730.00	729.30	730.00
731.30	734.00	735.70	736.40		
3877761.00	723.00	725.50	726.30	726.50	727.60
729.00	732.50	733.40	733.30		
3877261.00	720.50	722.10	723.60	724.20	725.40
727.40	729.20	731.50	732.30		
3876761.00	718.40	720.00	721.10	722.00	723.90
725.10	727.20	728.40	728.50		
3876261.00	717.20	718.40	719.30	720.50	722.10
724.20	725.60	726.40	727.00		
3875761.00	714.90	716.10	717.30	719.30	720.50
722.30	724.40	723.90	725.40		
3875261.00	712.60	713.80	716.30	717.30	718.70
719.80	721.70	721.80	723.00		
3874761.00	711.10	712.90	714.50	716.30	716.60
717.70	718.70	719.40	721.80		
3874261.00	710.20	711.10	713.20	713.50	715.70
715.70	717.50	719.30	721.20		
3873761.00	709.90	710.40	711.40	712.30	713.20
714.40	716.00	718.40	720.80		
3873261.00	707.20	709.60	709.00	709.00	711.20
713.00	715.00	718.00	721.00		
3872761.00	706.40	707.60	709.00	709.00	711.00
713.00	715.00	718.00	722.00		
3872261.00	705.00	706.20	707.00	709.00	710.90
712.80	715.00	719.00	723.00		
3871761.00	704.10	705.60	707.00	707.00	710.30
713.00	715.00	719.00	724.00		
3871261.00	701.60	704.10	707.00	707.00	710.00
713.00	715.20	720.00	724.00		
3870761.00	700.70	701.50	707.00	707.00	709.00
712.00	715.00	719.10	723.80		
3870261.00	698.00	700.80	702.60	707.40	707.00
713.00	714.40	718.00	722.00		
3869761.00	696.00	699.10	707.00	707.00	707.00
713.00	714.00	716.00	721.00		
3869261.00	696.20	701.00	705.00	714.40	707.00
709.70	712.90	714.00	723.80		
3868761.00	704.40	704.10	707.60	708.00	709.00
710.00	713.00	720.90	730.60		
3868261.00	709.20	710.40	711.50	711.50	711.00

713.00	719.00	729.60	741.30			
3867761.00	719.10	717.90	716.00	715.00	715.00	
717.80	726.40	736.30	750.90			
3867261.00	728.10	725.90	722.80	719.00	718.10	
724.00	733.40	747.90	762.60			
3866761.00	748.20	740.30	739.90	727.60	724.00	
732.40	744.40	762.60	781.70			
3866261.00	765.50	749.40	737.20	729.00	732.00	
741.90	758.60	774.50	801.90			
3865761.00	762.60	743.50	734.00	730.30	737.00	
751.40	769.30	794.00	832.00			
3865261.00	741.80	731.00	727.80	736.90	744.60	
761.30	781.90	808.20	875.20			
3864761.00	724.10	725.10	732.00	744.10	754.30	
767.80	789.90	818.20	856.60			

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*** AERMOD - VERSION 19191 ***
***                               09/09/20
*** AERMET - VERSION 14134 ***
***                               22:09:40

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PAGE 7

\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\*\*\* NETWORK ID: COURSE ; NETWORK TYPE: GRIDCART

\*\*\*

\* ELEVATION HEIGHTS IN METERS \*

Y-COORD (METERS)	X-COORD (METERS)				
	435233.00	435733.00	436233.00	436733.00	437233.00
437733.00	438233.00	438733.00	439233.00		
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3879761.00	743.40	746.10	755.60	757.60	755.90
759.70	765.40	771.40	775.90		
3879261.00	740.90	743.80	778.00	789.80	792.10
762.50	771.20	768.70	774.40		
3878761.00	740.70	761.90	778.00	774.00	778.10
768.80	761.40	767.50	774.20		
3878261.00	753.10	748.40	771.60	749.70	727.00
731.70	756.20	761.40	766.60		
3877761.00	733.30	735.90	740.40	680.00	616.00
666.00	752.90	755.90	762.00		
3877261.00	732.40	733.50	736.20	738.80	737.60
749.00	749.60	753.70	757.30		
3876761.00	728.60	730.90	734.30	737.10	746.60
750.90	746.40	749.80	756.10		
3876261.00	727.90	728.90	731.20	734.00	741.20
740.90	742.70	749.20	764.20		

3875761.00		725.40	726.80	728.60	732.60	736.30
737.60		747.70	754.60	772.00		
3875261.00		724.50	725.70	728.70	731.50	734.50
736.60		744.20	757.50	769.90		
3874761.00		723.90	725.50	728.50	730.70	732.70
734.60		742.30	753.50	773.70		
3874261.00		724.00	727.40	728.20	731.40	732.90
734.30		736.70	743.80	760.00		
3873761.00		724.30	727.90	730.80	734.40	735.80
737.70		737.60	737.90	740.60		
3873261.00		725.00	729.00	733.00	737.40	739.40
740.10		741.50	741.50	743.30		
3872761.00		727.00	732.00	736.00	739.70	744.00
746.00		747.50	747.00	748.00		
3872261.00		728.00	733.00	737.20	741.40	746.00
750.00		752.00	753.00	755.10		
3871761.00		728.40	733.10	738.00	742.40	747.10
752.00		756.80	761.80	766.60		
3871261.00		729.00	734.00	737.40	743.00	749.50
756.00		761.70	762.40	769.90		
3870761.00		728.40	734.00	740.10	747.50	762.00
765.10		773.10	773.10	770.80		
3870261.00		728.00	735.00	742.00	750.00	758.10
767.00		774.00	780.00	779.80		
3869761.00		728.40	738.10	746.90	758.20	766.50
782.90		789.00	785.50	786.00		
3869261.00		734.00	745.10	757.10	770.10	783.10
812.20		821.50	795.10	795.10		
3868761.00		742.80	755.90	767.60	783.30	799.90
815.40		829.60	812.50	806.80		
3868261.00		754.90	769.60	782.50	801.10	827.20
888.40		913.70	835.40	818.60		
3867761.00		765.40	785.30	803.70	826.60	873.80
982.60		919.80	846.80	829.00		
3867261.00		779.90	798.50	823.40	857.60	968.80
991.30		934.10	854.70	843.00		
3866761.00		804.60	831.30	871.60	926.00	990.00
925.00		890.10	867.90	858.50		
3866261.00		827.60	866.90	960.40	938.00	933.50
931.30		901.80	887.20	879.00		
3865761.00		901.90	951.10	939.10	930.10	919.30
930.90		922.70	924.30	904.40		
3865261.00		916.70	931.40	917.90	910.80	904.50
907.50		909.80	918.10	930.40		
3864761.00		901.00	903.00	898.00	910.30	893.80
893.80		902.00	917.70	925.70		
*** AERMOD - VERSION		19191 ***	***			
		***	09/09/20			
*** AERMET - VERSION		14134 ***	***			
		***	22:09:40			

\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\*\*\* NETWORK ID: COURSE ; NETWORK TYPE: GRIDCART

\*\*\*

\* ELEVATION HEIGHTS IN METERS \*

Y-COORD (METERS)	X-COORD (METERS)				
	439733.00	440233.00	440733.00	441233.00	441733.00
442233.00	442733.00	443233.00	443733.00		
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3879761.00	782.20	788.80	795.40	802.10	807.40
825.10	855.30	882.50	831.70		
3879261.00	780.20	786.50	791.90	797.90	802.40
817.70	840.80	829.40	822.70		
3878761.00	776.00	780.80	785.60	789.90	795.40
804.40	825.40	835.30	814.00		
3878261.00	770.80	773.80	779.30	785.40	790.30
795.20	804.40	820.00	810.70		
3877761.00	766.00	773.40	782.90	781.00	781.40
787.60	794.30	802.10	804.30		
3877261.00	762.80	765.40	774.30	775.60	775.20
778.70	783.50	789.40	794.50		
3876761.00	763.40	774.20	769.30	768.10	770.50
773.50	776.40	780.90	785.90		
3876261.00	768.50	763.90	764.20	771.70	783.70
774.90	771.50	776.10	778.60		
3875761.00	760.90	755.50	762.00	793.80	794.60
775.50	766.60	770.00	770.00		
3875261.00	773.70	753.10	754.80	762.60	767.40
764.10	762.30	763.20	763.80		
3874761.00	781.80	749.80	748.90	752.50	756.00
757.80	759.20	757.80	760.20		
3874261.00	750.60	744.90	749.20	749.40	752.00
753.60	754.50	755.50	757.30		
3873761.00	743.30	745.00	746.50	748.60	750.50
753.10	755.30	754.80	755.40		
3873261.00	745.50	747.90	750.20	752.10	753.10
755.30	758.00	759.70	759.50		
3872761.00	751.70	753.50	755.00	756.50	759.10
761.90	763.00	764.00	766.00		
3872261.00	758.10	760.00	761.10	761.00	763.20
767.80	768.00	769.10	771.10		
3871761.00	768.00	767.00	767.90	767.80	768.00
771.00	774.00	775.70	777.00		
3871261.00	771.50	772.00	772.90	774.00	774.00

776.00	780.00	783.00	783.40			
3870761.00		776.10	779.90	780.00	780.50	786.10
783.10		786.10	791.90	792.00		
3870261.00		774.00	786.10	786.00	788.30	795.10
806.40		803.40	798.80	798.80		
3869761.00		784.50	783.10	794.80	802.20	806.50
810.00		823.00	810.00	811.30		
3869261.00		794.00	790.10	798.70	815.50	824.40
826.10		824.10	818.00	822.80		
3868761.00		802.50	796.80	796.80	817.30	847.10
844.60		838.00	827.90	829.80		
3868261.00		811.30	803.50	800.50	804.00	818.60
835.80		844.60	834.10	827.20		
3867761.00		823.60	813.90	809.00	809.00	810.00
814.70		825.30	840.90	829.00		
3867261.00		834.80	824.70	818.80	816.80	816.80
816.80		818.00	823.40	836.00		
3866761.00		851.80	842.40	835.50	830.50	826.50
825.50		824.00	827.10	833.80		
3866261.00		880.30	868.20	855.50	846.10	838.00
834.00		832.60	833.20	834.00		
3865761.00		912.00	895.70	877.90	863.20	853.70
846.00		840.90	842.00	841.00		
3865261.00		938.70	926.30	897.20	879.00	865.90
855.60		851.50	848.00	846.90		
3864761.00		939.40	942.10	909.90	891.60	876.00
865.20		859.10	853.90	852.10		

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*** AERMOD - VERSION 19191 ***
***                               ***
***                               09/09/20
*** AERMET - VERSION 14134 ***
***                               ***
***                               22:09:40

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\*\*\* NETWORK ID: COURSE ; NETWORK TYPE: GRIDCART

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\* ELEVATION HEIGHTS IN METERS \*

Y-COORD					X-COORD (METERS)
(METERS)		444233.00	444733.00	445233.00	445733.00

3879761.00		841.70	833.10	828.40	820.70
3879261.00		829.20	823.90	818.10	814.30
3878761.00		818.80	816.90	813.90	807.50
3878261.00		814.00	808.00	805.10	801.00
3877761.00		805.20	798.30	798.20	796.70

3877261.00	795.90	789.40	790.70	791.70
3876761.00	785.80	783.30	786.30	786.10
3876261.00	778.60	777.10	786.30	782.20
3875761.00	770.80	777.70	780.40	777.20
3875261.00	767.30	767.80	771.20	772.70
3874761.00	762.50	761.80	762.30	765.10
3874261.00	758.30	758.30	759.50	761.40
3873761.00	756.90	757.10	756.40	757.40
3873261.00	760.70	761.70	759.20	757.40
3872761.00	767.00	767.50	765.60	762.00
3872261.00	774.00	774.00	770.00	767.00
3871761.00	780.80	778.00	774.00	771.90
3871261.00	786.80	783.90	780.00	777.50
3870761.00	792.00	792.00	787.30	787.10
3870261.00	798.00	798.10	801.80	799.80
3869761.00	805.00	814.60	830.60	814.20
3869261.00	816.80	818.00	828.20	823.00
3868761.00	817.10	822.70	835.40	827.90
3868261.00	823.00	831.20	839.40	847.90
3867761.00	828.00	835.10	849.70	860.90
3867261.00	836.00	838.10	846.80	853.40
3866761.00	840.00	846.50	851.60	854.90
3866261.00	840.00	851.10	865.10	867.10
3865761.00	843.00	852.80	864.80	885.80
3865261.00	846.70	855.10	865.90	879.40
3864761.00	852.00	859.20	874.90	893.00

\*\*\* AERMOD - VERSION 19191 \*\*\*  
 \*\*\* 09/09/20

\*\*\* AERMET - VERSION 14134 \*\*\*  
 \*\*\* 22:09:40

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* NETWORK ID: COURSE ; NETWORK TYPE: GRIDCART

\*\*\*

\* HILL HEIGHT SCALES IN METERS \*

Y-COORD (METERS)	X-COORD (METERS)				
433233.00	430733.00	431233.00	431733.00	432233.00	432733.00
433733.00	434233.00	434733.00			

3879761.00	744.00	798.90	798.90	737.30	737.90
739.30	743.20	743.10	779.40		
3879261.00	730.50	798.90	762.30	734.60	734.90
737.10	753.50	738.90	741.00		
3878761.00	750.40	729.60	732.10	732.60	732.60



753.20	734.30	737.60	737.60			
3878261.00		725.30	728.10	730.00	729.30	730.00
731.30		734.00	735.70	736.40		
3877761.00		723.00	725.50	726.30	726.50	727.60
729.00		732.50	733.40	733.30		
3877261.00		720.50	722.10	723.60	724.20	725.40
727.40		729.20	731.50	732.30		
3876761.00		718.40	720.00	721.10	722.00	723.90
725.10		727.20	728.40	728.50		
3876261.00		717.20	718.40	719.30	720.50	722.10
724.20		725.60	726.40	727.00		
3875761.00		714.90	716.10	717.30	719.30	720.50
722.30		724.40	723.90	725.40		
3875261.00		712.60	713.80	716.30	717.30	718.70
719.80		721.70	721.80	723.00		
3874761.00		711.10	712.90	714.50	716.30	716.60
717.70		718.70	719.40	721.80		
3874261.00		710.20	711.10	713.20	713.50	715.70
715.70		717.50	719.30	721.20		
3873761.00		709.90	710.40	711.40	712.30	713.20
714.40		716.00	718.40	720.80		
3873261.00		707.20	709.60	709.00	709.00	711.20
713.00		715.00	718.00	721.00		
3872761.00		706.40	707.60	709.00	709.00	711.00
713.00		715.00	718.00	722.00		
3872261.00		705.00	706.20	707.00	709.00	710.90
712.80		715.00	719.00	723.00		
3871761.00		704.10	705.60	707.00	707.00	710.30
713.00		715.00	719.00	724.00		
3871261.00		701.60	704.10	707.00	707.00	710.00
713.00		715.20	720.00	724.00		
3870761.00		700.70	701.50	707.00	707.00	709.00
712.00		715.00	719.10	723.80		
3870261.00		698.00	700.80	702.60	707.40	707.00
713.00		714.40	718.00	722.00		
3869761.00		696.00	699.10	707.00	707.00	707.00
713.00		714.00	716.00	721.00		
3869261.00		696.20	701.00	705.00	714.40	707.00
709.70		712.90	714.00	723.80		
3868761.00		704.40	704.10	707.60	708.00	709.00
710.00		713.00	720.90	730.60		
3868261.00		709.20	710.40	711.50	711.50	711.00
713.00		719.00	729.60	741.30		
3867761.00		719.10	717.90	716.00	715.00	715.00
717.80		726.40	736.30	965.00		
3867261.00		728.10	725.90	722.80	719.00	718.10
724.00		733.40	961.00	970.00		
3866761.00		748.20	740.30	750.00	727.60	724.00
732.40		941.00	961.00	971.00		
3866261.00		765.50	749.40	737.20	729.00	732.00

741.90	961.00	961.00	971.00			
3865761.00		766.00	743.50	734.00	730.30	737.00
751.40		941.00	961.00	961.00		
3865261.00		774.80	731.00	727.80	736.90	744.60
761.30		933.00	961.00	933.00		
3864761.00		724.10	725.10	732.00	744.10	754.30
767.80		789.90	922.00	922.00		

\*\*\* AERMOD - VERSION 19191 \*\*\*  
 \*\*\* 09/09/20

\*\*\* AERMET - VERSION 14134 \*\*\*  
 \*\*\* 22:09:40

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* NETWORK ID: COURSE ; NETWORK TYPE: GRIDCART

\*\*\*

\* HILL HEIGHT SCALES IN METERS \*

Y-COORD					X-COORD (METERS)	
(METERS)		435233.00	435733.00	436233.00	436733.00	437233.00
437733.00		438233.00	438733.00	439233.00		

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3879761.00		743.40	746.10	772.10	789.40	783.30
759.70		765.40	771.40	775.90		
3879261.00		740.90	767.50	778.00	789.80	792.10
783.00		779.70	768.70	774.40		
3878761.00		765.00	761.90	795.20	795.50	780.30
777.20		761.40	767.50	774.20		
3878261.00		753.10	764.70	771.60	749.70	788.20
774.20		756.20	761.40	789.40		
3877761.00		733.30	735.90	740.40	795.50	797.70
780.30		752.90	755.90	762.00		
3877261.00		732.40	733.50	736.20	738.80	737.60
749.00		749.60	753.70	757.30		
3876761.00		728.60	730.90	734.30	737.10	746.60
750.90		746.40	749.80	756.10		
3876261.00		727.90	728.90	731.20	734.00	741.20
740.90		742.70	749.20	801.00		
3875761.00		725.40	726.80	728.60	732.60	736.30
737.60		747.70	754.60	790.00		
3875261.00		724.50	725.70	728.70	731.50	734.50
736.60		744.20	757.50	769.90		
3874761.00		723.90	725.50	728.50	730.70	732.70
734.60		742.30	753.50	789.10		
3874261.00		724.00	727.40	728.20	731.40	732.90
734.30		736.70	743.80	762.00		

3873761.00		724.30	727.90	730.80	734.40	735.80
737.70		737.60	737.90	740.60		
3873261.00		725.00	729.00	733.00	737.40	739.40
740.10		741.50	741.50	743.30		
3872761.00		727.00	732.00	736.00	739.70	744.00
746.00		747.50	747.00	748.00		
3872261.00		728.00	733.00	737.20	741.40	746.00
750.00		752.00	753.00	755.10		
3871761.00		728.40	733.10	738.00	742.40	747.10
752.00		756.80	761.80	766.60		
3871261.00		729.00	734.00	737.40	743.00	749.50
756.00		761.70	762.40	769.90		
3870761.00		728.40	734.00	740.10	747.50	762.00
765.10		773.10	773.10	770.80		
3870261.00		728.00	735.00	742.00	750.00	899.00
899.00		899.00	899.00	779.80		
3869761.00		728.40	738.10	1015.00	1034.00	1034.00
1034.00		1023.00	970.00	786.00		
3869261.00		734.00	1026.00	1034.00	1034.00	1034.00
1034.00		1034.00	1034.00	1034.00		
3868761.00		1026.00	1034.00	1034.00	1034.00	1034.00
1034.00		1034.00	1034.00	1034.00		
3868261.00		1026.00	1034.00	1034.00	1034.00	1034.00
1034.00		1034.00	1034.00	1034.00		
3867761.00		1026.00	1034.00	1034.00	1034.00	1034.00
1034.00		1034.00	1034.00	1034.00		
3867261.00		1026.00	1034.00	1034.00	1034.00	1026.00
1034.00		1034.00	1034.00	1034.00		
3866761.00		971.00	1026.00	1026.00	1026.00	1001.00
1034.00		1034.00	1034.00	1034.00		
3866261.00		971.00	971.00	960.40	972.00	1001.00
996.00		1034.00	1034.00	879.00		
3865761.00		961.00	961.00	971.00	957.00	926.00
964.00		964.00	945.00	904.40		
3865261.00		916.70	941.00	917.90	946.00	904.50
907.50		909.80	918.10	930.40		
3864761.00		909.00	903.00	898.00	910.30	893.80
893.80		902.00	917.70	925.70		

▲ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*\*  
   \*\*\*          09/09/20  
 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*  
   \*\*\*          22:09:40

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\*\*\* NETWORK ID: COURSE ; NETWORK TYPE: GRIDCART

\*\*\*

\* HILL HEIGHT SCALES IN METERS \*

Y-COORD (METERS)					X-COORD (METERS)	
	439733.00	440233.00	440733.00	441233.00	441733.00	
442233.00	442733.00	443233.00	443733.00			

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3879761.00		782.20	788.80	795.40	802.10	807.40
939.10	939.10	939.10	939.10			
3879261.00		780.20	786.50	791.90	797.90	802.40
939.10	939.10	939.10	939.10			
3878761.00		776.00	780.80	785.60	789.90	795.40
935.70	935.70	935.70	935.70			
3878261.00		770.80	773.80	779.30	785.40	790.30
795.20	804.40	820.00	810.70			
3877761.00		766.00	773.40	782.90	781.00	781.40
787.60	794.30	802.10	804.30			
3877261.00		762.80	765.40	774.30	775.60	775.20
778.70	783.50	789.40	794.50			
3876761.00		763.40	774.20	769.30	768.10	770.50
773.50	776.40	780.90	785.90			
3876261.00		801.00	763.90	764.20	771.70	783.70
812.90	771.50	776.10	778.60			
3875761.00		760.90	755.50	762.00	796.70	810.80
812.90	766.60	770.00	770.00			
3875261.00		777.80	753.10	754.80	762.60	767.40
764.10	762.30	763.20	763.80			
3874761.00		806.50	806.50	748.90	752.50	756.00
757.80	759.20	757.80	760.20			
3874261.00		750.60	744.90	755.00	749.40	752.00
753.60	754.50	755.50	757.30			
3873761.00		743.30	745.00	746.50	748.60	750.50
753.10	755.30	754.80	755.40			
3873261.00		745.50	747.90	750.20	752.10	753.10
755.30	758.00	759.70	759.50			
3872761.00		751.70	753.50	755.00	756.50	759.10
761.90	763.00	764.00	766.00			
3872261.00		758.10	760.00	761.10	761.00	763.20
767.80	768.00	769.10	771.10			
3871761.00		768.00	767.00	767.90	767.80	768.00
771.00	774.00	775.70	777.00			
3871261.00		771.50	772.00	772.90	774.00	774.00
776.00	780.00	783.00	783.40			
3870761.00		776.10	779.90	780.00	780.50	786.10
783.10	786.10	791.90	792.00			
3870261.00		774.00	786.10	786.00	788.30	795.10
806.40	803.40	798.80	798.80			
3869761.00		784.50	783.10	794.80	802.20	806.50
810.00	823.00	810.00	817.00			
3869261.00		794.00	790.10	798.70	815.50	824.40

826.10	824.10	818.00	822.80		
3868761.00	1025.00	796.80	796.80	823.00	847.10
844.60	838.00	827.90	829.80		
3868261.00	1034.00	803.50	800.50	804.00	818.60
841.00	844.60	834.10	827.20		
3867761.00	1034.00	813.90	809.00	809.00	810.00
814.70	825.30	840.90	829.00		
3867261.00	1034.00	824.70	818.80	816.80	816.80
816.80	818.00	823.40	836.00		
3866761.00	851.80	842.40	835.50	830.50	826.50
825.50	824.00	827.10	833.80		
3866261.00	928.00	927.00	855.50	846.10	838.00
834.00	832.60	833.20	834.00		
3865761.00	930.00	928.00	916.00	863.20	853.70
846.00	840.90	842.00	841.00		
3865261.00	938.70	926.30	915.00	879.00	865.90
855.60	851.50	848.00	846.90		
3864761.00	939.40	942.10	932.00	891.60	876.00
865.20	859.10	853.90	852.10		

^ \*\*\* AERMOD - VERSION 19191 \*\*\*  
 \*\*\* 09/09/20  
 \*\*\* AERMET - VERSION 14134 \*\*\*  
 \*\*\* 22:09:40

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* NETWORK ID: COURSE ; NETWORK TYPE: GRIDCART

\*\*\*

\* HILL HEIGHT SCALES IN METERS \*

Y-COORD (METERS)	444233.00	444733.00	445233.00	X-COORD (METERS) 445733.00
3879761.00	841.70	833.10	828.40	820.70
3879261.00	829.20	823.90	818.10	814.30
3878761.00	818.80	816.90	813.90	807.50
3878261.00	814.00	808.00	805.10	801.00
3877761.00	805.20	798.30	798.20	796.70
3877261.00	795.90	789.40	790.70	791.70
3876761.00	785.80	783.30	786.30	786.10
3876261.00	778.60	777.10	786.30	782.20
3875761.00	770.80	777.70	780.40	777.20
3875261.00	767.30	767.80	771.20	772.70
3874761.00	762.50	761.80	762.30	765.10
3874261.00	758.30	758.30	759.50	761.40
3873761.00	756.90	757.10	756.40	757.40

3873261.00	760.70	761.70	759.20	757.40
3872761.00	767.00	767.50	765.60	762.00
3872261.00	774.00	774.00	770.00	767.00
3871761.00	780.80	778.00	774.00	771.90
3871261.00	786.80	783.90	780.00	777.50
3870761.00	792.00	792.00	787.30	787.10
3870261.00	798.00	798.10	801.80	799.80
3869761.00	805.00	814.60	830.60	814.20
3869261.00	823.00	818.00	828.20	823.00
3868761.00	817.10	822.70	835.40	827.90
3868261.00	823.00	831.20	842.00	860.00
3867761.00	828.00	835.10	849.70	860.90
3867261.00	836.00	838.10	846.80	853.40
3866761.00	840.00	846.50	851.60	854.90
3866261.00	840.00	851.10	865.10	867.10
3865761.00	843.00	852.80	864.80	885.80
3865261.00	846.70	855.10	865.90	910.00
3864761.00	852.00	859.20	874.90	893.00

\*\*\* AERMOD - VERSION 19191 \*\*\*  
 \*\*\* 09/09/20

\*\*\* AERMET - VERSION 14134 \*\*\*  
 \*\*\* 22:09:40

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* NETWORK ID: COURSE ; NETWORK TYPE: GRIDCART

\*\*\*

\* RECEPTOR FLAGPOLE HEIGHTS IN METERS \*

Y-COORD (METERS)	X-COORD (METERS)				
	430733.00	431233.00	431733.00	432233.00	432733.00
433233.00	433733.00	434233.00	434733.00		

3879761.00	1.20	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20		
3879261.00	1.20	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20		
3878761.00	1.20	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20		
3878261.00	1.20	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20		
3877761.00	1.20	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20		
3877261.00	1.20	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20		
3876761.00	1.20	1.20	1.20	1.20	1.20	1.20







3871761.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3871261.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3870761.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3870261.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3869761.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3869261.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3868761.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3868261.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3867761.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3867261.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3866761.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3866261.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3865761.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3865261.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3864761.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		

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*** AERMOD - VERSION 19191 ***
***                               09/09/20
*** AERMET - VERSION 14134 ***
***                               22:09:40

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*** MODELOPTs:   RegDFault  CONC  ELEV  FLGPOL  RURAL

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*** NETWORK ID: COURSE ; NETWORK TYPE: GRIDCART

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\* RECEPTOR FLAGPOLE HEIGHTS IN METERS \*

Y-COORD						X-COORD (METERS)
(METERS)		439733.00	440233.00	440733.00	441233.00	441733.00
442233.00		442733.00	443233.00	443733.00		

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3879761.00		1.20	1.20	1.20	1.20	1.20
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1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20
3866761.00	1.20	1.20	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20
3866261.00	1.20	1.20	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20
3865761.00	1.20	1.20	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20
3865261.00	1.20	1.20	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20
3864761.00	1.20	1.20	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20

^ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*  
 \*\*\* 09/09/20  
 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*  
 \*\*\* 22:09:40

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* NETWORK ID: COURSE ; NETWORK TYPE: GRIDCART

\*\*\*

\* RECEPTOR FLAGPOLE HEIGHTS IN METERS \*

Y-COORD (METERS)	X-COORD (METERS)			
	444233.00	444733.00	445233.00	445733.00
3879761.00	1.20	1.20	1.20	1.20
3879261.00	1.20	1.20	1.20	1.20
3878761.00	1.20	1.20	1.20	1.20
3878261.00	1.20	1.20	1.20	1.20
3877761.00	1.20	1.20	1.20	1.20
3877261.00	1.20	1.20	1.20	1.20
3876761.00	1.20	1.20	1.20	1.20
3876261.00	1.20	1.20	1.20	1.20
3875761.00	1.20	1.20	1.20	1.20
3875261.00	1.20	1.20	1.20	1.20
3874761.00	1.20	1.20	1.20	1.20
3874261.00	1.20	1.20	1.20	1.20
3873761.00	1.20	1.20	1.20	1.20
3873261.00	1.20	1.20	1.20	1.20
3872761.00	1.20	1.20	1.20	1.20
3872261.00	1.20	1.20	1.20	1.20
3871761.00	1.20	1.20	1.20	1.20
3871261.00	1.20	1.20	1.20	1.20
3870761.00	1.20	1.20	1.20	1.20
3870261.00	1.20	1.20	1.20	1.20
3869761.00	1.20	1.20	1.20	1.20

3869261.00		1.20	1.20	1.20	1.20
3868761.00		1.20	1.20	1.20	1.20
3868261.00		1.20	1.20	1.20	1.20
3867761.00		1.20	1.20	1.20	1.20
3867261.00		1.20	1.20	1.20	1.20
3866761.00		1.20	1.20	1.20	1.20
3866261.00		1.20	1.20	1.20	1.20
3865761.00		1.20	1.20	1.20	1.20
3865261.00		1.20	1.20	1.20	1.20
3864761.00		1.20	1.20	1.20	1.20

↑ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*\*  
\*\*\* 09/09/20  
\*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*  
\*\*\* 22:09:40

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\*\*\* GRIDDED RECEPTOR NETWORK SUMMARY \*\*\*

\*\*\* NETWORK ID: DESERTL ; NETWORK TYPE: GRIDCART

\*\*\*

\*\*\* X-COORDINATES OF GRID \*\*\*  
(METERS)

435850.4, 435900.4, 435950.4, 436000.4, 436050.4, 436100.4, 436150.4,  
436200.4, 436250.4, 436300.4,  
436350.4, 436400.4, 436450.4, 436500.4, 436550.4, 436600.4, 436650.4,  
436700.4, 436750.4, 436800.4,  
436850.4,

\*\*\* Y-COORDINATES OF GRID \*\*\*  
(METERS)

3873157.0, 3873207.0, 3873257.0, 3873307.0, 3873357.0, 3873407.0, 3873457.0,  
3873507.0, 3873557.0, 3873607.0,  
3873657.0, 3873707.0, 3873757.0, 3873807.0, 3873857.0, 3873907.0, 3873957.0,  
3874007.0, 3874057.0, 3874107.0,  
3874157.0,

↑ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*\*  
\*\*\* 09/09/20  
\*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*  
\*\*\* 22:09:40

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\*\*\* NETWORK ID: DESERTL ; NETWORK TYPE: GRIDCART

\*\*\*

\* ELEVATION HEIGHTS IN METERS \*

Y-COORD (METERS)	X-COORD (METERS)				
	435850.40	435900.40	435950.40	436000.40	436050.40
436100.40	436150.40	436200.40	436250.40		
3874157.00	731.80	729.80	728.90	728.50	728.50
728.50	728.50	728.50	728.60		
3874107.00	731.10	730.30	729.30	729.10	728.80
728.60	728.50	728.70	729.60		
3874057.00	728.40	728.60	729.10	729.10	729.10
728.90	729.00	729.90	731.20		
3874007.00	728.50	728.50	728.80	728.80	728.80
729.10	729.40	730.10	731.00		
3873957.00	730.70	728.50	728.50	728.50	728.50
728.80	729.40	730.20	730.80		
3873907.00	729.80	728.50	728.50	728.50	728.50
728.90	729.40	730.10	730.70		
3873857.00	728.50	728.50	728.50	728.50	728.50
728.60	729.40	730.10	730.70		
3873807.00	728.50	728.50	728.50	728.50	728.50
728.90	729.60	730.20	730.80		
3873757.00	728.50	728.50	728.50	728.60	728.70
729.20	729.80	730.30	731.00		
3873707.00	728.50	728.50	728.50	728.80	729.10
729.50	730.00	730.50	731.00		
3873657.00	728.50	728.50	728.50	728.70	729.30
729.80	730.30	730.70	731.20		
3873607.00	728.50	728.50	728.50	728.90	729.50
730.20	730.70	730.90	731.30		
3873557.00	728.50	728.50	728.50	729.10	729.80
730.50	731.20	731.20	731.30		
3873507.00	728.50	728.50	728.60	729.30	730.20
730.90	731.50	731.70	731.70		
3873457.00	728.50	728.50	729.00	729.80	730.60
731.20	731.60	731.90	732.00		
3873407.00	728.80	729.10	729.60	730.30	730.80
731.30	731.80	732.00	732.40		
3873357.00	729.10	729.50	730.10	730.80	731.20
731.50	731.70	732.30	732.70		
3873307.00	729.40	730.00	730.60	731.20	731.70
731.70	731.70	732.40	732.90		
3873257.00	730.00	730.00	731.00	731.00	732.00
732.00	732.00	732.70	733.00		
3873207.00	730.00	730.40	731.00	731.00	731.90
732.00	732.00	732.90	733.80		
3873157.00	730.00	731.00	731.00	731.30	732.00

732.10      733.00      733.20      734.00  
 ▲ \*\*\* AERMOD - VERSION 19191 \*\*\*      \*\*\*  
                                  \*\*\*      09/09/20  
 \*\*\* AERMET - VERSION 14134 \*\*\*      \*\*\*  
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\*\*\* MODELOPTs:      RegDFAULT    CONC    ELEV    FLGPOL    RURAL

\*\*\* NETWORK ID: DESERTL ; NETWORK TYPE: GRIDCART

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\* ELEVATION HEIGHTS IN METERS \*

Y-COORD (METERS)	X-COORD (METERS)				
	436300.40	436350.40	436400.40	436450.40	436500.40
436550.40	436600.40	436650.40	436700.40		

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3874157.00		728.50	728.50	728.90	730.00	731.00
731.10		730.90	731.40	731.60		
3874107.00		730.10	729.80	730.30	730.80	731.40
731.50		731.40	731.50	731.80		
3874057.00		731.50	731.30	731.30	731.30	731.50
731.80		731.80	731.90	732.20		
3874007.00		731.50	731.50	731.50	731.50	731.50
731.60		731.80	732.30	732.50		
3873957.00		731.20	731.50	731.50	731.70	731.70
731.70		732.00	732.50	732.80		
3873907.00		731.20	731.70	731.80	731.80	731.90
732.00		732.50	732.80	733.20		
3873857.00		731.20	731.70	731.90	732.10	732.10
732.50		732.70	733.20	733.50		
3873807.00		731.50	731.70	732.10	732.30	732.60
732.80		733.00	733.40	733.90		
3873757.00		731.50	731.80	732.20	732.40	732.70
732.90		733.40	733.60	734.20		
3873707.00		731.50	732.00	732.20	732.70	732.90
733.20		733.60	733.90	734.40		
3873657.00		731.50	732.00	732.20	732.70	733.00
733.40		733.80	734.10	734.40		
3873607.00		731.80	732.10	732.50	732.70	733.30
733.80		734.30	734.30	734.60		
3873557.00		731.80	732.10	732.50	733.00	733.30
733.80		734.30	734.60	734.70		
3873507.00		731.70	732.30	732.70	733.20	733.60
734.00		734.30	734.80	735.20		
3873457.00		732.20	732.70	732.90	733.40	733.70
734.10		734.30	734.80	735.30		

3873407.00		732.70	732.90	733.20	733.60	733.90
734.10		734.30	735.00	735.60		
3873357.00		732.90	733.30	733.60	733.80	734.10
734.40		734.80	735.40	736.10		
3873307.00		733.40	733.60	733.80	734.10	734.50
734.70		735.30	736.00	736.70		
3873257.00		734.00	734.00	734.40	735.00	735.00
736.00		736.00	736.70	737.40		
3873207.00		734.00	734.40	735.00	735.00	735.90
736.00		736.60	737.00	737.80		
3873157.00		734.00	735.00	735.10	736.00	736.00
736.40		737.00	737.20	738.00		

\*\*\* AERMOD - VERSION 19191 \*\*\*  
 \*\*\* 09/09/20

\*\*\* AERMET - VERSION 14134 \*\*\*  
 \*\*\* 22:09:40

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* NETWORK ID: DESERTL ; NETWORK TYPE: GRIDCART

\*\*\*

\* ELEVATION HEIGHTS IN METERS \*

Y-COORD					X-COORD (METERS)
(METERS)		436750.40	436800.40	436850.40	

3874157.00		732.10	732.00	732.10
3874107.00		732.10	732.30	732.60
3874057.00		732.50	732.70	732.90
3874007.00		732.70	733.00	733.30
3873957.00		733.00	733.30	733.60
3873907.00		733.40	733.70	733.80
3873857.00		733.90	734.00	734.20
3873807.00		734.10	734.40	734.50
3873757.00		734.60	734.70	734.90
3873707.00		734.60	735.10	735.20
3873657.00		734.60	735.10	735.40
3873607.00		734.90	735.20	735.60
3873557.00		735.20	735.70	735.90
3873507.00		735.50	735.90	736.30
3873457.00		735.90	736.40	736.80
3873407.00		736.40	736.90	737.10
3873357.00		736.90	737.40	737.60
3873307.00		737.40	737.50	737.60
3873257.00		738.00	738.00	738.00
3873207.00		738.00	738.00	738.00

3873157.00 |            738.00            738.00            738.00  
 \*\*\* AERMOD - VERSION 19191 \*\*\*        \*\*\*  
                                  \*\*\*            09/09/20  
 \*\*\* AERMET - VERSION 14134 \*\*\*        \*\*\*  
                                  \*\*\*            22:09:40

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\*\*\* MODELOPTs:    RegDFAULT    CONC    ELEV    FLGPOL    RURAL

\*\*\* NETWORK ID: DESERTL ; NETWORK TYPE: GRIDCART

\*\*\*

\* HILL HEIGHT SCALES IN METERS \*

Y-COORD (METERS)					X-COORD (METERS)	
	435850.40	435900.40	435950.40	436000.40	436050.40	
436100.40	436150.40	436200.40	436250.40			

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3874157.00		731.80	729.80	728.90	728.50	728.50
728.50		728.50	728.60			
3874107.00		735.20	730.30	729.30	729.10	728.80
728.60		728.70	729.60			
3874057.00		735.20	728.60	729.10	729.10	729.10
728.90		729.90	731.20			
3874007.00		734.30	728.50	728.80	728.80	728.80
729.10		729.40	730.10	731.00		
3873957.00		734.30	728.50	728.50	728.50	728.50
728.80		729.40	730.20	730.80		
3873907.00		729.80	728.50	728.50	728.50	728.50
728.90		729.40	730.10	730.70		
3873857.00		728.50	728.50	728.50	728.50	728.50
728.60		729.40	730.10	730.70		
3873807.00		728.50	728.50	728.50	728.50	728.50
728.90		729.60	730.20	730.80		
3873757.00		728.50	728.50	728.50	728.60	728.70
729.20		729.80	730.30	731.00		
3873707.00		728.50	728.50	728.50	728.80	729.10
729.50		730.00	730.50	731.00		
3873657.00		728.50	728.50	728.50	728.70	729.30
729.80		730.30	730.70	731.20		
3873607.00		728.50	728.50	728.50	728.90	729.50
730.20		730.70	730.90	731.30		
3873557.00		728.50	728.50	728.50	729.10	729.80
730.50		731.20	731.20	731.30		
3873507.00		728.50	728.50	728.60	729.30	730.20
730.90		731.50	731.70	731.70		
3873457.00		728.50	728.50	729.00	729.80	730.60
731.20		731.60	731.90	732.00		



3873407.00		728.80	729.10	729.60	730.30	730.80
731.30		731.80	732.00	732.40		
3873357.00		729.10	729.50	730.10	730.80	731.20
731.50		731.70	732.30	732.70		
3873307.00		729.40	730.00	730.60	731.20	731.70
731.70		731.70	732.40	732.90		
3873257.00		730.00	730.00	731.00	731.00	732.00
732.00		732.00	732.70	733.00		
3873207.00		730.00	730.40	731.00	731.00	731.90
732.00		732.00	732.90	733.80		
3873157.00		730.00	731.00	731.00	731.30	732.00
732.10		733.00	733.20	734.00		

\*\*\* AERMOD - VERSION 19191 \*\*\*  
 \*\*\* 09/09/20

\*\*\* AERMET - VERSION 14134 \*\*\*  
 \*\*\* 22:09:40

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* NETWORK ID: DESERTL ; NETWORK TYPE: GRIDCART

\*\*\*

\* HILL HEIGHT SCALES IN METERS \*

Y-COORD (METERS)		X-COORD (METERS)				
		436300.40	436350.40	436400.40	436450.40	436500.40
436550.40		436600.40	436650.40	436700.40		

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 -----

3874157.00		728.50	728.50	728.90	730.00	731.00
731.10		730.90	731.40	731.60		
3874107.00		730.10	729.80	730.30	730.80	731.40
731.50		731.40	731.50	731.80		
3874057.00		731.50	731.30	731.30	731.30	731.50
731.80		731.80	731.90	732.20		
3874007.00		731.50	731.50	731.50	731.50	731.50
731.60		731.80	732.30	732.50		
3873957.00		731.20	731.50	731.50	731.70	731.70
731.70		732.00	732.50	732.80		
3873907.00		731.20	731.70	731.80	731.80	731.90
732.00		732.50	732.80	733.20		
3873857.00		731.20	731.70	731.90	732.10	732.10
732.50		732.70	733.20	733.50		
3873807.00		731.50	731.70	732.10	732.30	732.60
732.80		733.00	733.40	733.90		
3873757.00		731.50	731.80	732.20	732.40	732.70
732.90		733.40	733.60	734.20		
3873707.00		731.50	732.00	732.20	732.70	732.90







3873957.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3873907.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3873857.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3873807.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3873757.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3873707.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3873657.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3873607.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3873557.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3873507.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3873457.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3873407.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3873357.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3873307.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3873257.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3873207.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3873157.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		

\*\*\* AERMOD - VERSION 19191 \*\*\*  
 \*\*\* 09/09/20

\*\*\* AERMET - VERSION 14134 \*\*\*  
 \*\*\* 22:09:40

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* NETWORK ID: DESERTL ; NETWORK TYPE: GRIDCART

\*\*\*

\* RECEPTOR FLAGPOLE HEIGHTS IN METERS \*

Y-COORD					X-COORD (METERS)
(METERS)		436750.40	436800.40	436850.40	

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```

3874157.00 | 1.20 1.20 1.20
3874107.00 | 1.20 1.20 1.20
3874057.00 | 1.20 1.20 1.20
3874007.00 | 1.20 1.20 1.20
3873957.00 | 1.20 1.20 1.20
3873907.00 | 1.20 1.20 1.20
3873857.00 | 1.20 1.20 1.20
3873807.00 | 1.20 1.20 1.20
3873757.00 | 1.20 1.20 1.20
3873707.00 | 1.20 1.20 1.20
3873657.00 | 1.20 1.20 1.20
3873607.00 | 1.20 1.20 1.20
3873557.00 | 1.20 1.20 1.20
3873507.00 | 1.20 1.20 1.20
3873457.00 | 1.20 1.20 1.20
3873407.00 | 1.20 1.20 1.20
3873357.00 | 1.20 1.20 1.20
3873307.00 | 1.20 1.20 1.20
3873257.00 | 1.20 1.20 1.20
3873207.00 | 1.20 1.20 1.20
3873157.00 | 1.20 1.20 1.20

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^ *** AERMOD - VERSION 19191 *** ***
*** 09/09/20
*** AERMET - VERSION 14134 *** ***
*** 22:09:40

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

( 439914.3, 3872794.0, 752.0, 752.0, 1.2); ( 436262.9,
3873356.0, 732.9, 732.9, 1.2);
( 435902.6, 3873538.0, 728.5, 728.5, 1.2); ( 435899.3,
3873949.0, 728.5, 728.5, 1.2);
( 435809.0, 3873839.0, 728.8, 728.8, 1.2); ( 435714.0,
3873870.0, 728.6, 728.6, 1.2);
( 435619.0, 3873902.0, 728.1, 728.1, 1.2); ( 435524.1,
3873933.0, 725.6, 725.6, 1.2);
( 435484.0, 3873946.0, 725.1, 725.1, 1.2); ( 435384.1,
3873949.0, 725.2, 725.2, 1.2);
( 435284.1, 3873952.0, 724.9, 724.9, 1.2); ( 435184.2,
3873956.0, 723.5, 723.5, 1.2);
( 435084.2, 3873959.0, 722.5, 722.5, 1.2); ( 434984.3,
3873962.0, 722.1, 722.1, 1.2);
( 434884.3, 3873965.0, 721.8, 721.8, 1.2); ( 434784.3,

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3873968.0, 721.3, 721.3, 1.2);  
( 434684.4, 3873971.0, 720.6, 720.6, 1.2); ( 434626.0,  
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( 434568.8, 3873891.0, 719.7, 719.7, 1.2); ( 434511.6,  
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( 434511.0, 3873808.0, 719.3, 719.3, 1.2); ( 434416.0,  
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( 434404.0, 3873773.0, 719.0, 719.0, 1.2); ( 434346.1,  
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( 434288.2, 3873936.0, 719.3, 719.3, 1.2); ( 434279.0,  
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( 434180.2, 3873964.0, 718.8, 718.8, 1.2); ( 434081.3,  
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( 434026.0, 3873988.0, 717.5, 717.5, 1.2); ( 433926.0,  
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( 433826.0, 3873985.0, 716.7, 716.7, 1.2); ( 433726.0,  
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( 433626.0, 3873982.0, 716.6, 716.6, 1.2); ( 433526.1,  
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( 433426.1, 3873980.0, 716.3, 716.3, 1.2); ( 433326.1,  
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( 433226.1, 3873977.0, 715.5, 715.5, 1.2); ( 433126.1,  
3873975.0, 714.8, 714.8, 1.2);  
( 433026.1, 3873974.0, 714.4, 714.4, 1.2); ( 432967.0,  
3873973.0, 714.1, 714.1, 1.2);  
( 432867.6, 3873963.0, 713.4, 713.4, 1.2); ( 432770.0,  
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( 432681.6, 3873905.0, 715.4, 715.4, 1.2); ( 432679.0,  
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( 432681.2, 3873804.0, 713.9, 713.9, 1.2); ( 432683.4,  
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( 432685.7, 3873604.0, 712.6, 712.6, 1.2); ( 432687.9,  
3873504.0, 712.6, 712.6, 1.2);  
( 432690.1, 3873404.0, 713.2, 713.2, 1.2); ( 432691.0,  
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( 432791.0, 3873364.0, 713.2, 713.2, 1.2); ( 432891.0,  
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( 432991.0, 3873364.0, 713.2, 713.2, 1.2); ( 433091.0,  
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( 433191.0, 3873364.0, 713.2, 713.2, 1.2); ( 433291.0,  
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( 433391.0, 3873364.0, 713.4, 713.4, 1.2); ( 433491.0,  
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( 433591.0, 3873364.0, 714.7, 714.7, 1.2); ( 433691.0,  
3873364.0, 715.1, 715.1, 1.2);  
( 433791.0, 3873364.0, 715.7, 715.7, 1.2); ( 433891.0,  
3873365.0, 716.1, 716.1, 1.2);  
( 433991.0, 3873365.0, 716.3, 716.3, 1.2); ( 434091.0,  
3873365.0, 716.6, 716.6, 1.2);  
( 434191.0, 3873365.0, 717.5, 717.5, 1.2); ( 434291.0,





WHAT IS INCLUDED IN THE DATA FILE.

CATEGORIES \*\*\* \*\*\*(METERS/SEC)

1.54, 3.09, 5.14, 8.23,

10.80,

\*\*\* AERMOD - VERSION 19191 \*\*\* \*\*\*(09/09/20)
\*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*(22:09:40)

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

DATA \*\*\* \*\*\*(UP TO THE FIRST 24 HOURS OF METEOROLOGICAL)

Surface file: C:\Users\elinard\Desktop\8MINUTE\_CUP4\MET\723171.SFC
Met Version: 14134

Profile file: C:\Users\elinard\Desktop\8MINUTE\_CUP4\MET\723171.PFL

Surface format: FREE

Profile format: FREE

Surface station no.: 53144 Upper air station no.: 3190
Name: UNKNOWN Name: UNKNOWN
Year: 2009 Year: 2009

Table with 14 columns: YR, MO, DY, JDY, HR, H0, U\*, W\*, DT/DZ, ZICNV, ZIMCH, M-O, LEN, Z0, BOWEN. It contains 6 rows of meteorological data for the first 24 hours.

1.00	0.00	0.	10.0	269.9	2.0														
09	01	01	1	07	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.17	1.50						
1.00	0.00	0.	10.0	269.9	2.0														
09	01	01	1	08	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.17	1.50						
0.57	0.00	0.	10.0	272.0	2.0														
09	01	01	1	09	22.5	-9.000	-9.000	-9.000	55.	-999.	-99999.0	0.17	1.50						
0.33	0.00	0.	10.0	274.2	2.0														
09	01	01	1	10	79.0	-9.000	-9.000	-9.000	129.	-999.	-99999.0	0.17	1.50						
0.25	0.00	0.	10.0	277.0	2.0														
09	01	01	1	11	118.9	-9.000	-9.000	-9.000	218.	-999.	-99999.0	0.17	1.50						
0.22	0.00	0.	10.0	279.9	2.0														
09	01	01	1	12	138.4	0.200	1.096	0.009	319.	215.	-4.9	0.07	1.50						
0.22	1.76	116.	10.0	281.4	2.0														
09	01	01	1	13	137.1	0.194	1.208	0.008	430.	205.	-4.5	0.06	1.50						
0.22	1.76	173.	10.0	283.1	2.0														
09	01	01	1	14	115.2	-9.000	-9.000	-9.000	536.	-999.	-99999.0	0.17	1.50						
0.23	0.00	0.	10.0	285.4	2.0														
09	01	01	1	15	73.1	-9.000	-9.000	-9.000	625.	-999.	-99999.0	0.17	1.50						
0.26	0.00	0.	10.0	286.4	2.0														
09	01	01	1	16	14.8	-9.000	-9.000	-9.000	639.	-999.	-99999.0	0.17	1.50						
0.36	0.00	0.	10.0	286.1	2.0														
09	01	01	1	17	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.17	1.50						
0.64	0.00	0.	10.0	285.1	2.0														
09	01	01	1	18	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.17	1.50						
1.00	0.00	0.	10.0	280.1	2.0														
09	01	01	1	19	-10.7	0.116	-9.000	-9.000	-999.	94.	12.0	0.26	1.50						
1.00	2.10	284.	10.0	277.1	2.0														
09	01	01	1	20	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.17	1.50						
1.00	0.00	0.	10.0	276.1	2.0														
09	01	01	1	21	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.17	1.50						
1.00	0.00	0.	10.0	275.1	2.0														
09	01	01	1	22	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.17	1.50						
1.00	0.00	0.	10.0	276.1	2.0														
09	01	01	1	23	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.17	1.50						
1.00	0.00	0.	10.0	274.1	2.0														
09	01	01	1	24	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.17	1.50						
1.00	0.00	0.	10.0	272.1	2.0														

First hour of profile data

YR	MO	DY	HR	HEIGHT	F	WDIR	WSPD	AMB_TMP	sigmaA	sigmaW	sigmaV
09	01	01	01	10.0	1	301.	1.76	272.1	99.0	-99.00	-99.00

F indicates top of profile (=1) or below (=0)

\*\*\* AERMOD - VERSION 19191 \*\*\*

\*\*\* 09/09/20

\*\*\* AERMET - VERSION 14134 \*\*\*

\*\*\* 22:09:40

\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: 1004 \*\*\*

INCLUDING SOURCE(S): 1004 ,

\*\*\* NETWORK ID: COURSE ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD (METERS)	430733.00	431233.00	431733.00	432233.00	432733.00
433233.00	433733.00	434233.00	434733.00		

3879761.00	0.04454	0.03827	0.05155	0.06191	0.06448
0.06258	0.05781	0.05648	0.04854		
3879261.00	0.04687	0.05077	0.05711	0.06743	0.07066
0.06931	0.06258	0.06347	0.05808		
3878761.00	0.04768	0.05555	0.06351	0.07381	0.07816
0.07681	0.07563	0.07089	0.06576		
3878261.00	0.04847	0.05793	0.06685	0.08065	0.08696
0.08678	0.08590	0.08064	0.07440		
3877761.00	0.04835	0.05995	0.07075	0.08661	0.09789
0.09862	0.09840	0.09357	0.08626		
3877261.00	0.04815	0.05980	0.07519	0.09285	0.10939
0.11373	0.11481	0.11027	0.10280		
3876761.00	0.04783	0.06037	0.07815	0.10032	0.12281
0.13256	0.13694	0.13212	0.12763		
3876261.00	0.04538	0.06110	0.08120	0.10810	0.14051
0.15789	0.16660	0.16522	0.16439		
3875761.00	0.04712	0.06001	0.08264	0.11896	0.16506
0.19350	0.20996	0.21921	0.22093		
3875261.00	0.05650	0.06595	0.08960	0.13313	0.20350
0.25210	0.28953	0.31088	0.32318		
3874761.00	0.07146	0.08351	0.10594	0.16453	0.28832
0.38558	0.46865	0.50704	0.53480		
3874261.00	0.06730	0.09136	0.12890	0.21091	0.57490
0.97311	1.17564	1.13207	1.09501		
3873761.00	0.08860	0.11509	0.16997	0.31947	3.73224
5.38119	5.60611	5.59769	5.71723		
3873261.00	0.07527	0.09624	0.13855	0.24053	0.57582
0.84533	0.95931	1.01336	1.03188		
3872761.00	0.05356	0.07471	0.10484	0.14862	0.20266
0.26435	0.29434	0.32291	0.32515		
3872261.00	0.05430	0.06713	0.08553	0.10622	0.12610
0.15434	0.16020	0.16449	0.16599		

3871761.00		0.04981	0.05872	0.07060	0.07550	0.08259
0.10184		0.10679	0.10750	0.09957		
3871261.00		0.04244	0.04942	0.05348	0.05433	0.05905
0.07483		0.07950	0.07630	0.07156		
3870761.00		0.03595	0.03956	0.04093	0.04206	0.04627
0.05763		0.06080	0.05812	0.05555		
3870261.00		0.03059	0.03220	0.03266	0.03496	0.03763
0.04488		0.04760	0.04703	0.04579		
3869761.00		0.02616	0.02689	0.02837	0.02980	0.03064
0.03512		0.03868	0.03964	0.03909		
3869261.00		0.02288	0.02370	0.02465	0.02552	0.02492
0.02788		0.03247	0.03424	0.03410		
3868761.00		0.02100	0.02119	0.02136	0.02109	0.02048
0.02313		0.02794	0.03047	0.03023		
3868261.00		0.01900	0.01881	0.01838	0.01775	0.01720
0.01984		0.02464	0.02712	0.02649		
3867761.00		0.01703	0.01652	0.01573	0.01504	0.01491
0.01741		0.02184	0.02413	0.02202		
3867261.00		0.01504	0.01436	0.01348	0.01304	0.01318
0.01550		0.01943	0.02057	0.01644		
3866761.00		0.01240	0.01198	0.01121	0.01157	0.01187
0.01388		0.01684	0.01543	0.01022		
3866261.00		0.00910	0.00971	0.01011	0.01038	0.01077
0.01214		0.01333	0.01149	0.00704		
3865761.00		0.00822	0.00880	0.00921	0.00943	0.00960
0.01062		0.01050	0.00786	0.00482		
3865261.00		0.00832	0.00834	0.00850	0.00858	0.00869
0.00908		0.00815	0.00622	0.00373		
3864761.00		0.00775	0.00761	0.00782	0.00789	0.00782
0.00792		0.00703	0.00529	0.00372		

\*\*\* AERMOD - VERSION 19191 \*\*\*  
 \*\*\* 09/09/20  
 \*\*\* AERMET - VERSION 14134 \*\*\*  
 \*\*\* 22:09:40

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1004  
 INCLUDING SOURCE(S): 1004 ,

\*\*\* NETWORK ID: COURSE ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD					X-COORD (METERS)
(METERS)		435233.00	435733.00	436233.00	436733.00 437233.00

437733.00      438233.00      438733.00      439233.00

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3879761.00		0.04182	0.03557	0.03078	0.02895	0.02690
0.02492		0.02268	0.02018	0.01812		
3879261.00		0.04690	0.04024	0.02582	0.02145	0.02006
0.02618		0.02268	0.02227	0.02010		
3878761.00		0.05269	0.03689	0.02791	0.02708	0.02500
0.02671		0.02799	0.02500	0.02240		
3878261.00		0.05279	0.05033	0.03369	0.04288	0.04375
0.04140		0.03375	0.02966	0.02679		
3877761.00		0.07550	0.06455	0.05964	0.04872	0.04317
0.04293		0.03954	0.03564	0.03200		
3877261.00		0.09243	0.07815	0.07085	0.06200	0.05872
0.05163		0.04681	0.04196	0.03726		
3876761.00		0.11602	0.09660	0.08604	0.07649	0.06801
0.05937		0.05549	0.04768	0.03959		
3876261.00		0.14981	0.12353	0.11083	0.09913	0.08700
0.07386		0.06149	0.04930	0.03478		
3875761.00		0.20402	0.16908	0.14782	0.12648	0.10248
0.08128		0.06085	0.04378	0.02899		
3875261.00		0.30286	0.24470	0.19657	0.15593	0.11473
0.08274		0.05532	0.03599	0.02631		
3874761.00		0.49630	0.37946	0.27525	0.18464	0.11553
0.07087		0.04662	0.03472	0.02724		
3874261.00		1.11006	0.79349	0.40213	0.19002	0.10330
0.06972		0.05298	0.04217	0.03250		
3873761.00		5.95425	5.63292	0.48963	0.20968	0.13093
0.09256		0.07017	0.05542	0.04478		
3873261.00		1.00451	0.75490	0.32889	0.17153	0.10855
0.08051		0.06258	0.05121	0.04313		
3872761.00		0.30705	0.25515	0.17281	0.13287	0.09054
0.06361		0.04572	0.03682	0.03068		
3872261.00		0.16311	0.15039	0.11362	0.09510	0.07921
0.05922		0.04575	0.03602	0.02695		
3871761.00		0.10124	0.09849	0.07590	0.06875	0.06117
0.05308		0.04241	0.03030	0.02442		
3871261.00		0.07085	0.06740	0.05600	0.04803	0.04250
0.03676		0.03276	0.03215	0.02303		
3870761.00		0.05571	0.05185	0.03995	0.03290	0.02500
0.02277		0.01819	0.01906	0.02172		
3870261.00		0.04501	0.04321	0.03308	0.02331	0.01996
0.01770		0.01547	0.01294	0.01317		
3869761.00		0.03769	0.03586	0.02812	0.01686	0.01271
0.00970		0.00950	0.01067	0.01061		
3869261.00		0.03259	0.02877	0.02052	0.01141	0.00847
0.00584		0.00516	0.00749	0.00796		
3868761.00		0.02740	0.02191	0.01368	0.00833	0.00600
0.00501		0.00456	0.00492	0.00559		

3868261.00	0.02051	0.01451	0.00930	0.00587	0.00418
0.00325	0.00321	0.00393	0.00421		
3867761.00	0.01511	0.00944	0.00635	0.00425	0.00321
0.00235	0.00282	0.00343	0.00368		
3867261.00	0.01039	0.00705	0.00466	0.00341	0.00258
0.00213	0.00246	0.00299	0.00317		
3866761.00	0.00668	0.00458	0.00335	0.00281	0.00223
0.00242	0.00237	0.00253	0.00276		
3866261.00	0.00490	0.00372	0.00291	0.00259	0.00247
0.00231	0.00220	0.00218	0.00234		
3865761.00	0.00359	0.00317	0.00286	0.00251	0.00235
0.00221	0.00206	0.00193	0.00199		
3865261.00	0.00335	0.00308	0.00283	0.00247	0.00228
0.00217	0.00203	0.00187	0.00178		
3864761.00	0.00323	0.00308	0.00281	0.00241	0.00223
0.00210	0.00196	0.00181	0.00170		

^ \*\*\* AERMOD - VERSION 19191 \*\*\*  
 \*\*\* 09/09/20  
 \*\*\* AERMET - VERSION 14134 \*\*\*  
 \*\*\* 22:09:40

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1004  
 \*\*\* INCLUDING SOURCE(S): 1004 ,

\*\*\* NETWORK ID: COURSE ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD (METERS)	X-COORD (METERS)			
442233.00	439733.00	440233.00	440733.00	441233.00 441733.00
442733.00	443233.00	443733.00		

3879761.00	0.01656	0.01578	0.01489	0.01399	0.01332
0.01217	0.01094	0.00995	0.01023		
3879261.00	0.01874	0.01755	0.01648	0.01556	0.01489
0.01329	0.01158	0.01105	0.01042		
3878761.00	0.02143	0.01999	0.01883	0.01783	0.01632
0.01429	0.01202	0.01056	0.00999		
3878261.00	0.02496	0.02346	0.02155	0.01914	0.01687
0.01467	0.01228	0.01006	0.00886		
3877761.00	0.02916	0.02568	0.02164	0.01936	0.01664
0.01361	0.01111	0.00923	0.00800		

3877261.00		0.03228	0.02748	0.02180	0.01805	0.01490
0.01209		0.01005	0.00865	0.00776		
3876761.00		0.03107	0.02361	0.01976	0.01597	0.01294
0.01095		0.00973	0.00884	0.00812		
3876261.00		0.02674	0.02155	0.01703	0.01382	0.01181
0.01094		0.01007	0.00920	0.00852		
3875761.00		0.02360	0.01931	0.01614	0.01345	0.01214
0.01125		0.01031	0.00942	0.00866		
3875261.00		0.02157	0.01917	0.01660	0.01459	0.01306
0.01199		0.01112	0.01039	0.00980		
3874761.00		0.02267	0.02128	0.01898	0.01700	0.01531
0.01390		0.01265	0.01166	0.01061		
3874261.00		0.02947	0.02631	0.02279	0.02031	0.01805
0.01627		0.01485	0.01365	0.01256		
3873761.00		0.03689	0.03100	0.02643	0.02269	0.01969
0.01714		0.01507	0.01361	0.01228		
3873261.00		0.03700	0.03215	0.02832	0.02530	0.02296
0.02084		0.01893	0.01737	0.01618		
3872761.00		0.02530	0.02141	0.01867	0.01666	0.01488
0.01329		0.01208	0.01107	0.01017		
3872261.00		0.02209	0.01909	0.01659	0.01457	0.01257
0.01090		0.01014	0.00958	0.00901		
3871761.00		0.02020	0.01654	0.01429	0.01328	0.01243
0.01097		0.00946	0.00821	0.00721		
3871261.00		0.01954	0.01773	0.01475	0.01154	0.00995
0.00910		0.00839	0.00789	0.00756		
3870761.00		0.01809	0.01508	0.01417	0.01317	0.01045
0.00867		0.00704	0.00605	0.00572		
3870261.00		0.01615	0.01274	0.01195	0.01108	0.00971
0.00806		0.00755	0.00660	0.00557		
3869761.00		0.01042	0.01067	0.00899	0.00780	0.00724
0.00700		0.00598	0.00692	0.00614		
3869261.00		0.00840	0.00863	0.00702	0.00534	0.00472
0.00471		0.00504	0.00565	0.00543		
3868761.00		0.00629	0.00734	0.00717	0.00472	0.00330
0.00329		0.00348	0.00408	0.00423		
3868261.00		0.00473	0.00562	0.00630	0.00596	0.00452
0.00339		0.00303	0.00316	0.00344		
3867761.00		0.00373	0.00422	0.00466	0.00506	0.00508
0.00455		0.00382	0.00302	0.00316		
3867261.00		0.00327	0.00350	0.00366	0.00385	0.00415
0.00430		0.00413	0.00376	0.00311		
3866761.00		0.00281	0.00294	0.00306	0.00309	0.00320
0.00341		0.00364	0.00344	0.00312		
3866261.00		0.00243	0.00247	0.00260	0.00273	0.00275
0.00277		0.00289	0.00302	0.00298		
3865761.00		0.00210	0.00221	0.00225	0.00239	0.00250
0.00249		0.00245	0.00244	0.00258		
3865261.00		0.00174	0.00196	0.00206	0.00210	0.00226
0.00237		0.00230	0.00220	0.00218		

3864761.00 | 0.00159 0.00166 0.00189 0.00194 0.00200  
0.00216 0.00223 0.00217 0.00202

\*\*\* AERMOD - VERSION 19191 \*\*\*  
\*\*\* 09/09/20  
\*\*\* AERMET - VERSION 14134 \*\*\*  
\*\*\* 22:09:40

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: 1004  
\*\*\*  
INCLUDING SOURCE(S): 1004 ,

\*\*\* NETWORK ID: COURSE ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD | X-COORD (METERS)  
(METERS) | 444233.00 444733.00 445233.00 445733.00

-----  
3879761.00 | 0.00931 0.00884 0.00816 0.00744  
3879261.00 | 0.00930 0.00840 0.00750 0.00665  
3878761.00 | 0.00861 0.00753 0.00667 0.00601  
3878261.00 | 0.00765 0.00685 0.00621 0.00577  
3877761.00 | 0.00712 0.00661 0.00618 0.00585  
3877261.00 | 0.00718 0.00684 0.00643 0.00610  
3876761.00 | 0.00760 0.00718 0.00679 0.00644  
3876261.00 | 0.00794 0.00740 0.00685 0.00637  
3875761.00 | 0.00801 0.00741 0.00696 0.00668  
3875261.00 | 0.00922 0.00874 0.00820 0.00770  
3874761.00 | 0.00967 0.00898 0.00835 0.00773  
3874261.00 | 0.01166 0.01092 0.01018 0.00945  
3873761.00 | 0.01107 0.01012 0.00934 0.00857  
3873261.00 | 0.01495 0.01384 0.01309 0.01229  
3872761.00 | 0.00955 0.00913 0.00902 0.00908  
3872261.00 | 0.00836 0.00784 0.00748 0.00702  
3871761.00 | 0.00640 0.00614 0.00611 0.00612  
3871261.00 | 0.00676 0.00636 0.00587 0.00524  
3870761.00 | 0.00563 0.00564 0.00598 0.00584  
3870261.00 | 0.00491 0.00445 0.00411 0.00412  
3869761.00 | 0.00566 0.00453 0.00369 0.00360  
3869261.00 | 0.00569 0.00533 0.00427 0.00393  
3868761.00 | 0.00521 0.00498 0.00434 0.00445  
3868261.00 | 0.00390 0.00381 0.00360 0.00344  
3867761.00 | 0.00294 0.00283 0.00267 0.00260



3867261.00	0.00287	0.00249	0.00221	0.00219
3866761.00	0.00287	0.00254	0.00219	0.00194
3866261.00	0.00275	0.00246	0.00213	0.00195
3865761.00	0.00254	0.00227	0.00208	0.00184
3865261.00	0.00227	0.00212	0.00192	0.00177
3864761.00	0.00196	0.00192	0.00173	0.00155

\*\*\* AERMOD - VERSION 19191 \*\*\*  
 \*\*\* 09/09/20  
 \*\*\* AERMET - VERSION 14134 \*\*\*  
 \*\*\* 22:09:40

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1004  
 INCLUDING SOURCE(S): 1004 ,

\*\*\* NETWORK ID: DESERTL ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD (METERS)	X-COORD (METERS)			
	435850.40	435900.40	435950.40	436000.40 436050.40
436100.40	436150.40	436200.40	436250.40	

3874157.00	0.80737	0.75176	0.69516	0.64135	0.59022
0.54222	0.49730	0.45546	0.41668		
3874107.00	0.90008	0.82461	0.75541	0.68920	0.62794
0.57118	0.51888	0.47079	0.42664		
3874057.00	1.02620	0.92143	0.82741	0.74370	0.66802
0.60029	0.53917	0.48391	0.43482		
3874007.00	1.17437	1.03453	0.91116	0.80365	0.71014
0.62860	0.55811	0.49691	0.44419		
3873957.00	1.35770	1.17380	1.00465	0.86518	0.75073
0.65568	0.57612	0.50925	0.45329		
3873907.00	1.64861	1.33633	1.09838	0.92237	0.78738
0.67976	0.59256	0.52088	0.46173		
3873857.00	2.04972	1.49602	1.18269	0.97255	0.81882
0.70038	0.60592	0.53002	0.46823		
3873807.00	2.35873	1.62049	1.24723	1.00907	0.83994
0.71223	0.61287	0.53426	0.47090		
3873757.00	2.50570	1.69778	1.28679	1.02791	0.84739
0.71379	0.61189	0.53235	0.46874		
3873707.00	2.58034	1.72974	1.30322	1.03196	0.84378
0.70704	0.60430	0.52509	0.46271		

3873657.00	2.61769	1.72525	1.29191	1.01921	0.82997
0.69359	0.59206	0.51471	0.45436		
3873607.00	2.62530	1.68969	1.25373	0.98566	0.80354
0.67281	0.57606	0.50282	0.44562		
3873557.00	2.59796	1.62129	1.18933	0.93332	0.76440
0.64514	0.55681	0.48972	0.43655		
3873507.00	2.51992	1.51210	1.09713	0.86477	0.71589
0.61231	0.53499	0.47449	0.42554		
3873457.00	2.35254	1.34592	0.97770	0.78519	0.66299
0.57597	0.50943	0.45576	0.41129		
3873407.00	1.96747	1.10807	0.84375	0.70149	0.60601
0.53457	0.47804	0.43178	0.39235		
3873357.00	1.11380	0.85189	0.70749	0.61235	0.54265
0.48759	0.44210	0.40303	0.36709		
3873307.00	0.76123	0.66047	0.58879	0.53018	0.48157
0.44112	0.40580	0.37381	0.34215		
3873257.00	0.60971	0.54638	0.49971	0.46461	0.43024
0.40046	0.37300	0.34276	0.31961		
3873207.00	0.51746	0.46970	0.43476	0.40979	0.38618
0.36482	0.34408	0.31867	0.29767		
3873157.00	0.45326	0.41488	0.38636	0.36552	0.34788
0.33241	0.31114	0.29595	0.27908		

\*\*\* AERMOD - VERSION 19191 \*\*\*  
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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1004  
 \*\*\*  
 INCLUDING SOURCE(S): 1004 ,

\*\*\* NETWORK ID: DESERTL ; NETWORK TYPE:  
 GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD (METERS)	X-COORD (METERS)				
	436300.40	436350.40	436400.40	436450.40	436500.40
436550.40	436600.40	436650.40	436700.40		

3874157.00	0.38130	0.34913	0.31992	0.29331	0.26952
0.24864	0.23004	0.21304	0.19788		
3874107.00	0.38745	0.35320	0.32228	0.29490	0.27057
0.24921	0.23027	0.21329	0.19807		

3874057.00		0.39288	0.35666	0.32480	0.29685	0.27214
0.25030		0.23114	0.21412	0.19897		
3874007.00		0.39936	0.36120	0.32817	0.29944	0.27435
0.25233		0.23295	0.21580	0.20081		
3873957.00		0.40618	0.36617	0.33208	0.30255	0.27708
0.25493		0.23550	0.21845	0.20256		
3873907.00		0.41243	0.37089	0.33588	0.30598	0.28023
0.25800		0.23859	0.22114	0.20635		
3873857.00		0.41729	0.37476	0.33915	0.30895	0.28329
0.26111		0.24198	0.22528	0.21081		
3873807.00		0.41901	0.37647	0.34081	0.31093	0.28555
0.26420		0.24560	0.22933	0.21501		
3873757.00		0.41739	0.37544	0.34061	0.31157	0.28725
0.26633		0.24809	0.23230	0.21817		
3873707.00		0.41275	0.37214	0.33883	0.31081	0.28729
0.26699		0.24928	0.23376	0.21988		
3873657.00		0.40659	0.36778	0.33591	0.30887	0.28615
0.26640		0.24911	0.23387	0.22029		
3873607.00		0.39997	0.36292	0.33209	0.30567	0.28337
0.26410		0.24718	0.23250	0.21918		
3873557.00		0.39323	0.35762	0.32767	0.30128	0.27952
0.26049		0.24385	0.22930	0.21644		
3873507.00		0.38505	0.35074	0.32102	0.29599	0.27439
0.25555		0.23916	0.22454	0.21167		
3873457.00		0.37361	0.34013	0.31275	0.28874	0.26800
0.24961		0.23354	0.21900	0.20608		
3873407.00		0.35697	0.32749	0.30165	0.27905	0.25943
0.24222		0.22685	0.21255	0.19978		
3873357.00		0.33810	0.31177	0.28837	0.26770	0.24928
0.23300		0.21840	0.20502	0.19276		
3873307.00		0.31702	0.29490	0.27457	0.25573	0.23847
0.22331		0.20921	0.19646	0.18495		
3873257.00		0.29674	0.27843	0.26044	0.24318	0.22829
0.21264		0.20026	0.18796	0.17694		
3873207.00		0.28013	0.26333	0.24719	0.23340	0.21829
0.20569		0.19290	0.18151	0.17049		
3873157.00		0.26507	0.24893	0.23612	0.22193	0.21061
0.19876		0.18700	0.17665	0.16590		

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION  
 \*\*\*  
 VALUES FOR SOURCE GROUP: 1004  
 INCLUDING SOURCE(S): 1004 ,

\*\*\* NETWORK ID: DESERTL ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD (METERS)			X-COORD (METERS)
	436750.40	436800.40	436850.40

3874157.00	0.18416	0.17202	0.16105
3874107.00	0.18449	0.17240	0.16157
3874057.00	0.18553	0.17247	0.16185
3874007.00	0.18644	0.17466	0.16423
3873957.00	0.18950	0.17794	0.16770
3873907.00	0.19350	0.18210	0.17206
3873857.00	0.19802	0.18681	0.17673
3873807.00	0.20246	0.19121	0.18118
3873757.00	0.20568	0.19462	0.18458
3873707.00	0.20764	0.19647	0.18654
3873657.00	0.20816	0.19706	0.18709
3873607.00	0.20717	0.19629	0.18634
3873557.00	0.20458	0.19381	0.18419
3873507.00	0.20024	0.18985	0.18040
3873457.00	0.19450	0.18422	0.17506
3873407.00	0.18809	0.17792	0.16911
3873357.00	0.18148	0.17154	0.16287
3873307.00	0.17444	0.16549	0.15723
3873257.00	0.16712	0.15896	0.15134
3873207.00	0.16157	0.15376	0.14654
3873157.00	0.15746	0.14975	0.14272

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION  
 \*\*\*  
 VALUES FOR SOURCE GROUP: 1004 INCLUDING SOURCE(S): 1004 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD (M)	X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)
3873356.00	439914.30	3872794.00	0.02397	436262.90
3873949.00	435902.60	3873538.00	1.56017	435899.30
3873870.00	435809.00	3873839.00	3.60488	435714.00
3873933.00	435619.00	3873902.00	4.95725	435524.10
3873949.00	435484.00	3873946.00	4.48666	435384.10
3873956.00	435284.10	3873952.00	4.73685	435184.20
3873962.00	435084.20	3873959.00	4.59441	434984.30
3873968.00	434884.30	3873965.00	4.54798	434784.30
3873973.00	434684.40	3873971.00	4.18678	434626.00
3873809.00	434568.80	3873891.00	4.05237	434511.60
3873777.00	434511.00	3873808.00	4.85332	434416.00
3873855.00	434404.00	3873773.00	5.23943	434346.10
3873949.00	434288.20	3873936.00	4.28095	434279.00
3873980.00	434180.20	3873964.00	4.47264	434081.30
3873987.00	434026.00	3873988.00	4.35568	433926.00
3873984.00	433826.00	3873985.00	4.43766	433726.00
3873981.00	433626.00	3873982.00	4.42131	433526.10
3873978.00	433426.10	3873980.00	4.33402	433326.10
3873975.00	433226.10	3873977.00	4.20594	433126.10
3873973.00	433026.10	3873974.00	3.94818	432967.00
3873952.00	432867.60	3873963.00	3.56367	432770.00
3873904.00	432681.60	3873905.00	2.15702	432679.00
3873704.00	432681.20	3873804.00	2.38536	432683.40

3873504.00	432685.70	3873604.00	2.33463	432687.90
	2.15264			
3873364.00	432690.10	3873404.00	1.66760	432691.00
	1.08543			
3873364.00	432791.00	3873364.00	1.58283	432891.00
	1.74981			
3873364.00	432991.00	3873364.00	1.85007	433091.00
	1.91601			
3873364.00	433191.00	3873364.00	1.96594	433291.00
	2.00808			
3873364.00	433391.00	3873364.00	2.04035	433491.00
	2.06986			
3873364.00	433591.00	3873364.00	2.09344	433691.00
	2.11189			
3873365.00	433791.00	3873364.00	2.13040	433891.00
	2.18095			
3873365.00	433991.00	3873365.00	2.18849	434091.00
	2.19107			
3873365.00	434191.00	3873365.00	2.20470	434291.00
	2.21509			
3873365.00	434391.00	3873365.00	2.22913	434491.00
	2.22822			
3873365.00	434591.00	3873365.00	2.23684	434691.00
	2.24785			
3873365.00	434791.00	3873365.00	2.26363	434891.00
	2.28029			
3873365.00	434991.00	3873365.00	2.26941	435091.00
	2.29643			
3873365.00	435191.00	3873365.00	2.32450	435291.00
	2.31296			
3873365.00	435391.00	3873365.00	2.27799	435491.00
	2.27753			
3873365.00	435591.00	3873365.00	2.26673	435691.00
	2.12249			

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

VALUES FOR SOURCE GROUP: 1004  
 \*\*\* THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION  
 \*\*\*  
 INCLUDING SOURCE(S): 1004 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS  
 \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD (M)	X-COORD (M)	Y-COORD (M)	CONC	CONC	X-COORD (M)
3873365.00	435791.00	3873365.00	1.41878	1.81278	435836.00
3873565.00	435830.30	3873465.00	3.72567	3.24619	435824.60
3873764.00	435818.90	3873665.00	3.94517	3.92451	435813.30

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 \*\*\* 09/09/20  
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1004 \*\*\*  
 INCLUDING SOURCE(S): 1004 ,

\*\*\* NETWORK ID: COURSE ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD (METERS)	X-COORD (METERS)	CONC	X-COORD (METERS)
432233.00	430733.00	431233.00	431733.00
	432733.00		

3879761.0	44.28423 (13123017)	11.02902 (12032707)	35.56562 (13123017)
45.66618	(13010917)	46.49743 (11112407)	
3879261.0	54.17035 (13123017)	44.70900 (12110107)	44.78331 (13110817)
49.47786	(13123017)	50.22817 (11112407)	
3878761.0	57.45386 (13123017)	56.81274 (13123017)	55.71084 (13110817)
54.53007	(13123017)	54.07778 (13010917)	
3878261.0	62.72408 (12110107)	61.96222 (13123017)	60.06478 (09012607)
58.56188	(13110817)	57.97047 (13010917)	
3877761.0	69.07536 (09012607)	67.42141 (12110107)	66.37973 (13123017)
64.50864	(13110817)	63.58294 (13123017)	
3877261.0	73.24948 (09012607)	74.71647 (09012607)	71.85560 (13123017)
70.09133	(09012607)	70.46402 (12110107)	
3876761.0	82.92301 (11112117)	80.44225 (09012607)	81.22459 (09012607)
78.37013	(13123017)	79.37249 (09012607)	

3876261.0	92.29940 (13120417)	93.24209 (11112117)	89.01993 (09012607)
88.94495 (09012607)	86.00696 (13123017)		
3875761.0	110.34373 (13120417)	108.58982 (13120417)	105.10768 (11112117)
101.02100 (09012607)	102.06662 (11112117)		
3875261.0	129.27450 (12013117)	130.83490 (12013117)	130.85944 (13120417)
122.52076 (11112117)	121.30787 (13120417)		
3874761.0	175.98939 (12121907)	166.42419 (10020408)	167.11777 (12013117)
168.53707 (12013117)	158.95219 (13120417)		
3874261.0	138.41219 (12121907)	206.58029 (12121907)	268.17507 (12121907)
280.49301 (12121907)	262.79577 (12121907)		
3873761.0	278.55704 (13121007)	315.33882 (13121007)	365.62268 (13121007)
444.21523 (13121007)	570.68204 (13121007)		
3873261.0	218.68889 (09113007)	272.43369 (09113007)	321.29929 (09113007)
353.87200 (09113007)	327.14999 (09113007)		
3872761.0	143.42679 (09112517)	128.99611 (09112517)	144.76657 (10102007)
143.98491 (10102007)	136.77668 (10102007)		
3872261.0	99.36274 (10102007)	103.50211 (10102007)	95.91278 (10102007)
86.30125 (09010207)	90.75119 (09010207)		
3871761.0	74.01436 (10102007)	67.22014 (09013007)	67.31150 (12122817)
73.90121 (09010207)	75.65209 (09010207)		
3871261.0	56.89792 (12122817)	55.21708 (09013007)	62.06454 (09010207)
65.26264 (09010207)	61.68704 (09010207)		
3870761.0	48.88291 (09013007)	47.92902 (09013007)	58.44570 (09010207)
57.16070 (09010207)	52.44372 (09010207)		
3870261.0	42.20681 (09010507)	48.44225 (09010207)	51.86201 (09010207)
49.12359 (09010207)	49.35003 (09010207)		
3869761.0	37.86007 (09020607)	46.93771 (09010207)	47.34958 (09010207)
44.38646 (09010207)	46.64335 (09010207)		
3869261.0	40.58597 (09010207)	43.97088 (09010207)	41.69568 (09010207)
43.72710 (09010207)	41.67972 (09010207)		
3868761.0	41.82243 (09010207)	40.36639 (09010207)	39.25198 (09010207)
40.21978 (09010207)	33.64996 (09010207)		
3868261.0	39.73860 (09010207)	37.65571 (09010207)	38.05787 (09010207)
35.81021 (09010207)	31.26938 (13020407)		
3867761.0	37.23190 (09010207)	36.12043 (09010207)	35.80534 (09010207)
28.20034 (09030207)	29.90740 (13020407)		
3867261.0	34.76108 (09010207)	34.65885 (09010207)	31.14200 (09010207)
25.84590 (10101507)	28.53770 (13020407)		
3866761.0	29.50498 (09010207)	32.82889 (09010207)	26.09841 (09030207)
24.22490 (10101507)	27.30112 (13020407)		
3866261.0	19.90664 (09010207)	27.36521 (09010207)	24.21407 (10101507)
23.54212 (13020407)	26.00730 (13020407)		
3865761.0	21.12590 (09010207)	23.53409 (09030207)	22.89964 (10101507)
23.00800 (13020407)	24.84743 (13020407)		
3865261.0	25.53300 (09010207)	21.94764 (10101507)	21.55165 (10101507)
23.44868 (13020407)	23.05268 (13020407)		
3864761.0	20.78656 (09030207)	21.18158 (10101507)	20.42833 (10101507)
22.19246 (13020407)	19.94894 (13020407)		

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: 1004  
INCLUDING SOURCE(S): 1004 ,

\*\*\* NETWORK ID: COURSE ; NETWORK TYPE:  
GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD (METERS)		X-COORD (METERS)
434733.00	433233.00	433733.00
	435233.00	434233.00

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3879761.0	46.38307 (11112407)	40.94243 (11112407)	40.98339 (09121717)
32.49301	(11112407)	35.72494 (12111517)	
3879261.0	50.19476 (11112407)	39.62818 (11112407)	45.98757 (09121717)
45.23842	(11112407)	39.30113 (12111517)	
3878761.0	54.62219 (11112407)	53.19225 (11112407)	49.63271 (13010917)
50.66829	(11112407)	41.79616 (12111517)	
3878261.0	59.72541 (11112407)	57.64190 (11112407)	54.16422 (13010917)
54.87710	(11112407)	30.09677 (12012417)	
3877761.0	64.53602 (11112407)	63.47109 (11112407)	59.26870 (13010917)
61.01358	(11112407)	56.03412 (11112407)	
3877261.0	70.24582 (11112407)	70.15093 (11112407)	64.31571 (13010917)
67.53906	(11112407)	62.59708 (11112407)	
3876761.0	76.67826 (11112407)	77.83023 (11112407)	69.82307 (13110817)
75.12445	(11112407)	71.33374 (11112407)	
3876261.0	89.55274 (09012607)	86.90316 (11112407)	82.77229 (13110817)
84.32727	(11112407)	81.34855 (11112407)	
3875761.0	96.16754 (13110817)	101.62412 (09012607)	95.49865 (13123017)
96.01199	(11112407)	93.00764 (11112407)	
3875261.0	118.73709 (11112117)	117.15418 (09012607)	113.73229 (09012607)
109.98654	(11112407)	109.44469 (11112407)	
3874761.0	140.05631 (11112117)	148.44610 (13120417)	139.32812 (09012607)
137.04349	(12110107)	134.94506 (11112407)	
3874261.0	241.10348 (12013117)	207.96255 (11112117)	226.11403 (13120417)
209.06548	(11112117)	194.20797 (13123017)	
3873761.0	520.58642 (13121007)	461.29235 (13121007)	399.95321 (13121007)
369.49651	(13121217)	429.46492 (13121217)	
3873261.0	292.05432 (09112517)	262.50702 (10102007)	250.36299 (10102007)
238.50823	(09010807)	271.68279 (12022307)	

3872761.0		123.35798	(10102007)	110.10198	(09013007)	122.97412	(09010207)
126.59077		(09010207)	133.43637	(09120207)			
3872261.0		87.97292	(09010207)	85.40706	(09010207)	94.77707	(09010207)
88.90979		(13022207)	93.96012	(13020507)			
3871761.0		67.24654	(09010207)	76.47864	(09010207)	75.47038	(09010207)
70.54453		(13120607)	72.73879	(10021507)			
3871261.0		62.27774	(09010207)	65.75809	(09010207)	56.58658	(12112107)
57.79155		(12112107)	61.20552	(13120607)			
3870761.0		57.72300	(09010207)	54.49766	(09010207)	49.81451	(10020307)
51.05502		(12112107)	49.58571	(13120607)			
3870261.0		51.58092	(09010207)	43.14489	(10020807)	44.75680	(10020307)
45.69149		(12112107)	44.59461	(12112107)			
3869761.0		42.34045	(09010207)	39.01651	(10010408)	40.65589	(10020807)
41.51494		(12112007)	41.69694	(12112107)			
3869261.0		35.46840	(13020407)	36.01012	(10010408)	37.32993	(10020807)
38.36333		(12112007)	38.50932	(12112107)			
3868761.0		32.97760	(13020407)	33.64553	(10010408)	35.37917	(10020807)
35.57859		(10020307)	33.70357	(12112107)			
3868261.0		31.00549	(13020407)	32.07824	(10010408)	33.14763	(10020807)
32.10576		(10020307)	24.73022	(12112107)			
3867761.0		29.26775	(13020407)	30.47930	(10010408)	30.88592	(10020807)
26.29962		(10020807)	16.79245	(12120608)			
3867261.0		27.63788	(13020407)	28.76721	(10010408)	26.41957	(10020807)
17.98233		(09021307)	9.64673	(09021307)			
3866761.0		26.03634	(13020407)	25.92121	(10010408)	17.54326	(11102707)
9.16649		(13020708)	4.91377	(11121307)			
3866261.0		23.63289	(13020407)	19.46403	(10010408)	11.83130	(13020708)
5.03900		(13020708)	3.90483	(12091907)			
3865761.0		20.17162	(10010408)	13.59001	(10010408)	7.17492	(09121117)
3.74925		(12091907)	3.76647	(12091907)			
3865261.0		16.06244	(10010408)	9.18627	(09121117)	5.25320	(09121117)
3.67261		(12091907)	3.73323	(12091907)			
3864761.0		13.02044	(10010408)	7.90095	(09121117)	4.28174	(09121117)
3.71232		(12091907)	3.73722	(12091907)			

^ \*\*\* AERMOD - VERSION 19191 \*\*\*  
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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1004 \*\*\*  
 INCLUDING SOURCE(S): 1004 ,

\*\*\* NETWORK ID: COURSE ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

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Y-COORD (METERS)	435733.00	436233.00	X-COORD (METERS) 436733.00
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437233.00                      437733.00

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3879761.0	32.37141 (09122808)	25.18187 (11110817)	25.21840 (11110817)
27.71832 (11122017)	25.31420 (12122708)		
3879261.0	34.97300 (13120517)	12.74140 (12013017)	8.27068 (12013017)
8.93596 (12013017)	22.89031 (09111717)		
3878761.0	21.05329 (10102517)	11.48500 (12013017)	13.80992 (12013017)
12.31562 (12013017)	16.79014 (12011107)		
3878261.0	37.13428 (11110817)	13.67286 (10102517)	38.05243 (12122708)
47.60435 (09111717)	49.14525 (12011107)		
3877761.0	49.42553 (11122017)	48.64771 (11122017)	41.11535 (09111717)
40.21016 (12011107)	38.27512 (12011107)		
3877261.0	56.07723 (11122017)	55.88919 (09111717)	57.00745 (12011107)
56.08908 (12111417)	47.05662 (12111417)		
3876761.0	62.37697 (12122708)	64.94433 (12011107)	63.33623 (12111417)
52.98789 (12111417)	50.29323 (13010717)		
3876261.0	73.79550 (12011107)	72.80728 (12111417)	69.99958 (12111417)
68.26213 (13010717)	68.23925 (13103117)		
3875761.0	85.95398 (12111417)	81.05266 (13010717)	81.51568 (12011107)
80.56554 (13103117)	79.99930 (13010717)		
3875261.0	102.40718 (13010717)	99.82150 (13103117)	99.07059 (13010717)
99.73085 (13103117)	96.22572 (09110217)		
3874761.0	126.03759 (12111417)	131.07071 (13010717)	129.37598 (13103117)
113.95413 (09110217)	74.48213 (09110217)		
3874261.0	204.42687 (13103117)	181.90748 (09110217)	120.15060 (09110217)
96.09424 (09011407)	102.25763 (09011407)		
3873761.0	498.60073 (13121217)	339.18816 (13121217)	270.49364 (09111617)
229.57951 (09111617)	200.31051 (09111617)		
3873261.0	291.94631 (12022307)	275.18451 (12022307)	249.78769 (12112617)
215.35093 (12112617)	180.95759 (12112617)		
3872761.0	135.14838 (13111317)	132.98659 (09010807)	120.23546 (12022307)
129.97545 (12022307)	130.73626 (12022307)		
3872261.0	96.85376 (09120207)	95.69671 (13111317)	92.12539 (09010807)
85.51874 (09010807)	75.36055 (11121207)		
3871761.0	74.60659 (13020507)	75.41365 (09120207)	72.13245 (09120207)
67.77530 (13111317)	61.54643 (09010807)		
3871261.0	61.78620 (13022207)	62.15843 (13022207)	60.25411 (12110707)
53.89595 (09120207)	46.18622 (13111317)		
3870761.0	53.54691 (13120607)	52.48392 (13022207)	46.94729 (13022207)
30.44944 (13012117)	27.86391 (10012608)		
3870261.0	46.85484 (13120607)	45.58849 (10021507)	40.20213 (13022207)
30.40998 (13022207)	24.03170 (13012117)		
3869761.0	39.14203 (09103017)	38.19468 (13120607)	27.36116 (10021507)
20.00319 (13022207)	11.35469 (12112808)		

3869261.0	33.67007 (09103017)	25.16916 (13120607)	15.78232 (09010608)
9.01595 (09010608)	7.84052 (12112808)		
3868761.0	25.10845 (09103017)	16.39882 (09103017)	8.46352 (12120608)
5.99796 (13030807)	5.69197 (09020508)		
3868261.0	14.76372 (12120608)	9.00275 (09103017)	5.69649 (12011117)
4.73667 (09021608)	4.20020 (10040707)		
3867761.0	8.26334 (12120608)	5.26232 (12011117)	4.51075 (10040707)
4.63161 (10040707)	2.13405 (10040707)		
3867261.0	5.44187 (12120608)	4.63389 (09021608)	3.93965 (12011009)
4.01933 (10110208)	2.22918 (10040707)		
3866761.0	4.17275 (09021608)	3.74220 (09021608)	3.85662 (12011009)
2.58269 (13071707)	4.53417 (10040707)		
3866261.0	3.42655 (11102708)	3.59443 (11102708)	3.69397 (12011009)
3.83014 (12011009)	4.39286 (10040707)		
3865761.0	3.19796 (13071707)	3.57866 (11102708)	3.52435 (11102708)
3.82799 (12011009)	3.91025 (10040707)		
3865261.0	3.12536 (09112309)	3.49051 (11102708)	3.57705 (11102708)
3.69785 (12011009)	3.81948 (12011009)		
3864761.0	3.14949 (09112309)	3.30955 (11102708)	3.58193 (11102708)
3.51146 (11102708)	3.81646 (12011009)		

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1004  
 INCLUDING SOURCE(S): 1004 ,

\*\*\* NETWORK ID: COURSE ; NETWORK TYPE:  
 GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

Y-COORD			X-COORD (METERS)
(METERS)	438233.00	438733.00	439233.00
	439733.00	440233.00	

3879761.0	20.76262 (09111717)	16.38088 (12011107)	13.33148 (12011107)
9.72460 (12111417)	9.47934 (12110217)		
3879261.0	15.39958 (12011107)	18.48815 (12011107)	14.15907 (12111417)
12.79671 (12111417)	12.47373 (11100607)		
3878761.0	25.91776 (12011107)	19.94013 (12111417)	16.24927 (12111417)
17.88001 (11100607)	14.62967 (11100607)		

3878261.0	32.80158 (12111417)	28.70641 (12111417)	24.58314 (11100607)
21.10732 (13010717)	18.76034 (11100607)		
3877761.0	40.20672 (12111417)	35.48871 (11100607)	31.03119 (13010717)
25.07955 (11100607)	21.84508 (13103117)		
3877261.0	47.06243 (13010717)	42.08052 (13010717)	38.78630 (13103117)
33.15306 (13103117)	35.11450 (09110217)		
3876761.0	52.73408 (12111417)	53.51337 (13103117)	47.32576 (09110217)
38.16861 (09110217)	25.49047 (09110217)		
3876261.0	65.27738 (13010717)	59.54668 (09110217)	37.55754 (09110217)
31.04878 (09110217)	33.02884 (09110217)		
3875761.0	69.06921 (09110217)	58.17672 (09110217)	22.92029 (09030307)
35.05467 (09030307)	38.48789 (09030307)		
3875261.0	77.25987 (09110217)	42.12780 (09030307)	24.54093 (09030307)
16.93026 (09113017)	17.72199 (09030307)		
3874761.0	53.72331 (09030307)	25.75215 (09030307)	21.57015 (12012517)
19.92470 (13121808)	45.16761 (09011407)		
3874261.0	102.78198 (09011407)	96.07165 (09011407)	63.20314 (09011407)
83.76612 (13121217)	94.48490 (13121217)		
3873761.0	178.55347 (09111617)	160.07485 (09111617)	144.60080 (09111617)
130.50164 (09111617)	118.18831 (09111617)		
3873261.0	145.98595 (12112617)	137.23618 (09012907)	131.84828 (09012907)
125.53762 (09012907)	118.50428 (09012907)		
3872761.0	118.78693 (10012908)	97.00404 (10012908)	94.28352 (12112617)
100.02083 (12112617)	101.56624 (12112617)		
3872261.0	64.90770 (11121207)	75.78380 (12022307)	81.41547 (12022307)
76.16243 (10012908)	70.42617 (10012908)		
3871761.0	54.76230 (11121207)	47.73431 (11121207)	37.32488 (11121207)
30.70456 (11121207)	37.38523 (12022307)		
3871261.0	38.45331 (13021307)	40.14382 (12120717)	32.84887 (11121207)
33.11926 (11121207)	31.53877 (11121207)		
3870761.0	20.94638 (10031507)	22.61059 (13111317)	26.23727 (13021307)
22.80052 (12120717)	21.81286 (11121207)		
3870261.0	18.49779 (13012117)	15.07923 (10031507)	16.41215 (13111317)
22.44953 (13111317)	14.24703 (13021307)		
3869761.0	10.73631 (12112808)	12.27756 (13012117)	12.69771 (13012117)
13.97147 (10031507)	15.36568 (13111317)		
3869261.0	8.00279 (12112808)	9.74454 (12112808)	9.05562 (12112808)
10.07618 (13012117)	11.28834 (10031507)		
3868761.0	6.43093 (12112808)	8.33252 (12112808)	8.58435 (12112808)
8.24522 (12112808)	9.34039 (13012117)		
3868261.0	4.37697 (12102908)	5.85526 (12112808)	7.65474 (12112808)
8.00017 (12112808)	7.89822 (12112808)		
3867761.0	4.22237 (10040707)	4.45002 (12102908)	5.87339 (12112808)
7.12208 (12112808)	7.59068 (12112808)		
3867261.0	4.18425 (10040707)	4.34274 (10040707)	4.45631 (12102908)
5.37043 (12112808)	6.84136 (12112808)		
3866761.0	4.38715 (10040707)	4.29182 (10040707)	4.12486 (10040707)
4.44272 (12102908)	4.87096 (12112808)		
3866261.0	4.51301 (10040707)	4.29784 (10040707)	4.27402 (10040707)
3.82008 (12102908)	4.42007 (12102908)		

3865761.0	4.49194 (10040707)	4.38135 (10040707)	4.24565 (10040707)
4.06961 (10040707)	3.86928 (12102908)		
3865261.0	4.26875 (10040707)	4.48613 (10040707)	4.28197 (10040707)
3.58205 (10110208)	3.61968 (10040707)		
3864761.0	3.75913 (12011009)	4.42071 (10040707)	4.40577 (10040707)
3.76234 (10110208)	3.21554 (10110208)		

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1004  
 INCLUDING SOURCE(S): 1004 ,

\*\*\* NETWORK ID: COURSE ; NETWORK TYPE:  
 GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD			X-COORD (METERS)
(METERS)	440733.00	441233.00	441733.00
442233.00	442733.00		

3879761.0	9.28591 (11100607)	8.27070 (11100607)	6.77667 (09013017)
5.90744 (09013017)	4.80728 (13072607)		
3879261.0	10.77739 (11100607)	8.78651 (11100607)	8.01917 (11100607)
6.21290 (09013017)	5.79117 (13072607)		
3878761.0	12.56729 (11100607)	11.30836 (11100607)	9.35622 (13103117)
8.39603 (13012808)	6.38230 (11112108)		
3878261.0	15.29493 (11100607)	14.06986 (13103117)	12.21559 (09110217)
12.07705 (09110217)	8.43950 (09110217)		
3877761.0	15.17340 (09110217)	20.08606 (09110217)	19.64106 (09110217)
15.84464 (09110217)	11.68469 (09110217)		
3877261.0	25.23523 (09110217)	24.74628 (09110217)	24.34818 (09110217)
16.82456 (09110217)	14.18498 (09030307)		
3876761.0	30.93261 (09110217)	26.56339 (09110217)	22.61571 (09030307)
22.46611 (09030307)	20.42529 (09030307)		
3876261.0	29.31501 (09030307)	24.49761 (09030307)	15.60686 (09030307)
15.91699 (09030307)	11.25220 (09030307)		
3875761.0	27.78858 (09030307)	12.01305 (09113017)	12.13658 (09113017)
13.32492 (12012517)	13.33192 (12012517)		
3875261.0	17.14099 (12012517)	16.07395 (12012517)	13.75201 (12012517)
14.33574 (13121808)	18.32605 (09011407)		

3874761.0		52.83638 (09011407)	55.93131 (09011407)	55.85549 (09011407)
53.83290	(09011407)	49.53973 (09011407)		
3874261.0		93.35380 (13121217)	94.44886 (13121217)	91.67743 (13121217)
88.63407	(13121217)	85.30362 (13121217)		
3873761.0		107.20463 (09111617)	96.80543 (09111617)	87.39443 (09111617)
78.09545	(09111617)	69.84287 (09111617)		
3873261.0		111.20132 (09012907)	104.21759 (09012907)	98.38361 (09012907)
90.86736	(09012907)	82.64641 (09012907)		
3872761.0		96.88845 (12112617)	87.07544 (12112617)	72.20163 (12112617)
56.07156	(12112617)	42.69035 (12112617)		
3872261.0		57.00979 (10012908)	42.01988 (10012908)	32.75382 (12112617)
37.87566	(12112617)	46.48005 (12112617)		
3871761.0		45.17737 (12022307)	50.36479 (12022307)	52.19129 (10012908)
46.66128	(10012908)	36.08164 (10012908)		
3871261.0		27.23830 (11121207)	22.17490 (13111117)	23.03451 (13111117)
28.72492	(12022307)	30.01760 (12022307)		
3870761.0		24.39183 (11121207)	24.04850 (11121207)	18.36735 (11121207)
17.60162	(12112207)	17.16471 (13111117)		
3870261.0		15.78348 (12120717)	16.13140 (10012617)	15.37885 (10012617)
12.67104	(10012617)	11.75560 (11121207)		
3869761.0		10.36474 (13111317)	8.44174 (10012617)	11.26270 (10012617)
12.51041	(10012617)	11.15834 (10012617)		
3869261.0		8.67129 (10031507)	6.28532 (09011607)	5.29347 (09011607)
5.97688	(10012617)	8.78427 (10012617)		
3868761.0		9.07822 (10012608)	6.24791 (10012707)	4.77702 (10071607)
4.19463	(09011607)	4.28490 (09011607)		
3868261.0		8.45899 (13012117)	7.86489 (09011317)	6.08508 (10012707)
4.93970	(10012707)	4.30329 (10071607)		
3867761.0		7.36848 (12112808)	7.25997 (12112808)	7.07374 (09011317)
6.29615	(09011317)	5.39942 (10012707)		
3867261.0		7.11658 (12112808)	6.80078 (12112808)	6.66668 (12112808)
6.25182	(09011317)	6.06369 (09011317)		
3866761.0		6.15106 (12112808)	6.39739 (12112808)	6.21181 (12112808)
6.10726	(12112808)	5.45322 (09011317)		
3866261.0		4.63695 (12123109)	5.55477 (12112808)	5.93448 (12112808)
5.77658	(12112808)	5.67099 (12112808)		
3865761.0		4.40276 (12102908)	4.60219 (12123109)	5.13965 (12112808)
5.50221	(12112808)	5.41003 (12112808)		
3865261.0		3.91928 (12102908)	4.39289 (12102908)	4.57386 (12123109)
4.95584	(12112808)	5.20358 (12112808)		
3864761.0		3.03736 (12102908)	3.96622 (12102908)	4.38512 (12102908)
4.54977	(12123109)	4.73042 (12112808)		

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\*\*\* 09/09/20  
\*\*\* AERMET - VERSION 14134 \*\*\* \*\*  
\*\*\* 22:09:40

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

VALUES FOR SOURCE GROUP: 1004 \*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 INCLUDING SOURCE(S): 1004 ,

GRIDCART \*\*\* \*\*\* NETWORK ID: COURSE ; NETWORK TYPE:

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

Y-COORD | X-COORD (METERS)  
 (METERS) | 443233.00 443733.00 444233.00  
 444733.00 445233.00

3879761.0	5.42548 (13072607)	5.64769 (13072607)	5.41674 (11112108)
5.56936 (11112108)	5.16109 (13012808)		
3879261.0	5.90219 (11112108)	6.21540 (13012808)	5.60769 (11112108)
5.43838 (09022507)	5.76925 (09110217)		
3878761.0	5.93374 (11112108)	6.16652 (09022507)	5.79095 (09022507)
5.22533 (09110217)	4.15730 (09110217)		
3878261.0	5.95945 (09022507)	6.37656 (09110217)	4.22369 (09022507)
5.16797 (09030307)	7.63578 (09030307)		
3877761.0	6.65686 (09110217)	7.05100 (09030307)	8.50917 (09030307)
11.06969 (09030307)	11.12833 (09030307)		
3877261.0	13.67805 (09030307)	12.40680 (09030307)	11.29482 (09030307)
11.01605 (09030307)	7.19779 (09030307)		
3876761.0	15.63622 (09030307)	9.86280 (09030307)	8.69693 (09113017)
9.43699 (09113017)	9.34889 (09113017)		
3876261.0	11.31142 (09113017)	10.79428 (09113017)	10.82658 (12012517)
10.83213 (12012517)	10.18349 (12012517)		
3875761.0	12.48557 (12012517)	10.88544 (12012517)	8.91105 (12012517)
8.85708 (13121808)	10.44134 (13121808)		
3875261.0	23.67442 (09011407)	28.88324 (09011407)	31.71041 (09011407)
34.81997 (09011407)	34.59026 (09011407)		
3874761.0	44.99679 (09011407)	37.06915 (09011407)	28.93696 (09011407)
27.93681 (13121217)	31.97676 (13121217)		
3874261.0	80.99548 (13121217)	75.23085 (13121217)	69.69920 (13121217)
64.60197 (13121217)	58.29469 (13121217)		
3873761.0	64.62104 (09111617)	58.91224 (09111617)	53.07331 (09111617)
48.60356 (09111617)	45.01058 (09111617)		
3873261.0	75.89591 (09012907)	71.55303 (09012907)	65.48715 (09012907)
59.76266 (09012907)	57.05712 (09012907)		
3872761.0	30.41673 (12112617)	20.63500 (09012907)	23.72831 (09012907)
27.03760 (09012907)	31.95329 (09012907)		
3872261.0	51.75162 (12112617)	52.65696 (12112617)	49.13769 (12112617)
47.15125 (12112617)	47.51113 (12112617)		
3871761.0	25.51420 (10012908)	20.48743 (13112808)	22.20559 (13112808)
23.04757 (13112808)	22.74756 (12112617)		



3871261.0	28.84193 (12022307)	31.42021 (10012908)	27.80167 (10012908)
26.13926 (10012908)	22.32665 (10012908)		
3870761.0	16.53806 (13111117)	15.38414 (13111117)	17.50629 (12022307)
20.49635 (12022307)	25.06014 (12022307)		
3870261.0	11.76681 (12112207)	11.16852 (13111117)	13.45045 (13111117)
14.19642 (13111117)	12.63217 (13111117)		
3869761.0	11.81933 (10012617)	9.43616 (11121207)	10.52284 (11121207)
7.83953 (12112207)	6.38884 (13111117)		
3869261.0	10.94567 (10012617)	10.81826 (10012617)	10.74770 (10012617)
8.73955 (11121207)	6.39064 (10011107)		
3868761.0	5.33120 (09011307)	7.69948 (10012617)	10.38450 (10012617)
10.43405 (10012617)	8.80641 (10012617)		
3868261.0	4.60244 (09011607)	4.58542 (09011607)	5.46392 (09011307)
7.04112 (10012617)	8.02757 (10012617)		
3867761.0	4.44691 (10071607)	4.97783 (09011607)	4.78669 (09011607)
3.82158 (09011307)	4.03845 (09011307)		
3867261.0	5.43465 (10012707)	4.49611 (10071607)	4.52676 (09011607)
4.33399 (09011607)	3.59596 (09011607)		
3866761.0	5.39868 (10012707)	4.98767 (10012707)	4.45214 (10071607)
4.13524 (10071607)	3.72214 (09011607)		
3866261.0	4.56251 (10012707)	4.99056 (10012707)	4.72440 (10012707)
4.32943 (10071607)	4.18577 (10071607)		
3865761.0	5.20524 (12112808)	3.96348 (12112808)	4.50312 (10012707)
4.24733 (10012707)	4.14741 (10071607)		
3865261.0	5.07222 (12112808)	4.93424 (12112808)	3.78745 (12112808)
3.91578 (10012707)	3.79796 (10012707)		
3864761.0	5.03311 (12112808)	4.86438 (12112808)	4.68355 (12112808)
3.47792 (12112808)	3.16961 (10012707)		

\*\*\* AERMOD - VERSION 19191 \*\*\*  
 \*\*\* 09/09/20  
 \*\*\* AERMET - VERSION 14134 \*\*\*  
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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1004 \*\*\*

INCLUDING SOURCE(S): 1004 ,

\*\*\* NETWORK ID: COURSE ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD | X-COORD (METERS)  
 (METERS) | 445733.00

-----  
 -----

3879761.0		5.48958	(09110217)
3879261.0		5.87448	(09110217)
3878761.0		3.89940	(09030307)
3878261.0		9.88832	(09030307)
3877761.0		10.37992	(09030307)
3877261.0		7.09531	(09113017)
3876761.0		8.63512	(09113017)
3876261.0		9.00645	(12012517)
3875761.0		12.05567	(13121808)
3875261.0		33.82850	(09011407)
3874761.0		34.22194	(13121217)
3874261.0		51.46826	(13121217)
3873761.0		40.80823	(09111617)
3873261.0		53.26482	(09012907)
3872761.0		37.68403	(09012907)
3872261.0		43.60965	(12112617)
3871761.0		31.04960	(12112617)
3871261.0		15.82709	(10012908)
3870761.0		27.84793	(10012908)
3870261.0		11.47770	(12022307)
3869761.0		9.97526	(13111117)
3869261.0		6.70728	(11121917)
3868761.0		7.93626	(10012617)
3868261.0		7.92646	(10012617)
3867761.0		4.95720	(10012617)
3867261.0		3.12164	(09011307)
3866761.0		3.44078	(09011607)
3866261.0		3.69679	(10071607)
3865761.0		4.16140	(10071607)
3865261.0		3.92197	(10071607)
3864761.0		3.12146	(10071607)

\*\*\* AERMOD - VERSION 19191 \*\*\*  
 \*\*\* 09/09/20

\*\*\* AERMET - VERSION 14134 \*\*\*  
 \*\*\* 22:09:40

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1004 \*\*\*  
 INCLUDING SOURCE(S): 1004 ,

\*\*\* NETWORK ID: DESERTL ; NETWORK TYPE:  
 GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3  
 \*\*

Y-COORD |  
(METERS) |  
436000.40

435850.40

436050.40

435900.40

X-COORD (METERS)  
435950.40

-----  
-----  
3874157.0 | 224.69778 (09110217) 222.55322 (09110217) 218.52524 (09110217)  
213.70635 (09110217) 208.49068 (09110217)  
3874107.0 | 237.65727 (09110217) 232.56321 (09110217) 226.91691 (09110217)  
220.63469 (09110217) 214.35242 (09110217)  
3874057.0 | 251.26947 (09110217) 243.34824 (09110217) 235.44730 (09110217)  
227.94368 (09110217) 220.41703 (09110217)  
3874007.0 | 264.03319 (09110217) 254.58276 (09110217) 245.44035 (09110217)  
236.37845 (09110217) 226.20996 (09110217)  
3873957.0 | 283.90164 (13121217) 279.94746 (13121217) 275.12191 (13121217)  
270.60705 (13121217) 266.38278 (13121217)  
3873907.0 | 362.75890 (13121217) 351.96832 (13121217) 341.61888 (13121217)  
332.30974 (13121217) 323.71747 (13121217)  
3873857.0 | 444.62466 (13121217) 422.16739 (13121217) 401.85555 (13121217)  
384.45201 (13121217) 369.38134 (13121217)  
3873807.0 | 485.52995 (13121217) 453.67711 (13121217) 427.51336 (13121217)  
406.26534 (13121217) 388.41060 (13121217)  
3873757.0 | 487.43826 (13121217) 455.08228 (13121217) 428.65688 (13121217)  
407.20720 (13121217) 389.17312 (13121217)  
3873707.0 | 488.04724 (09111617) 455.81616 (09111617) 429.36605 (09111617)  
407.90192 (09111617) 389.94891 (09111617)  
3873657.0 | 486.91948 (09111617) 454.11907 (09111617) 427.10593 (09111617)  
405.26208 (09111617) 386.73997 (09111617)  
3873607.0 | 495.75357 (09012907) 462.04561 (09012907) 434.26184 (09012907)  
411.66842 (09012907) 392.61296 (09012907)  
3873557.0 | 501.53261 (09012907) 468.28235 (09012907) 440.27514 (09012907)  
417.41216 (09012907) 398.19704 (09012907)  
3873507.0 | 502.30805 (09012907) 469.10391 (09012907) 440.74060 (09012907)  
417.59369 (09012907) 398.02811 (09012907)  
3873457.0 | 494.69637 (09012907) 461.84289 (09012907) 432.70970 (09012907)  
409.09890 (09012907) 389.37813 (09012907)  
3873407.0 | 497.18140 (12112617) 462.62094 (12112617) 432.26904 (12112617)  
407.94811 (12112617) 387.67330 (12112617)  
3873357.0 | 431.56407 (12112617) 417.72423 (12112617) 401.50719 (12112617)  
384.95895 (12112617) 370.45537 (12112617)  
3873307.0 | 343.30171 (12022307) 337.07149 (12022307) 335.47479 (12022307)  
329.33852 (12022307) 319.35176 (12022307)  
3873257.0 | 289.79790 (12022307) 290.22366 (12022307) 289.77415 (12022307)  
290.07516 (12022307) 289.47211 (12022307)  
3873207.0 | 255.81532 (12022307) 256.61137 (12022307) 257.12747 (12022307)  
257.81059 (12022307) 257.72903 (12022307)  
3873157.0 | 227.42977 (12022307) 228.50727 (12022307) 229.80017 (12022307)  
230.81105 (12022307) 231.46481 (12022307)

▲ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*\*

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\*\*\* 22:09:40

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: 1004  
INCLUDING SOURCE(S): 1004 ,

\*\*\* NETWORK ID: DESERTL ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD (METERS)			X-COORD (METERS)
436250.40	436100.40	436300.40	436200.40

-----

3874157.0	203.09073 (09110217)	197.54144 (09110217)	191.73148 (09110217)
185.42384	(09110217)	178.44440 (09110217)	
3874107.0	207.95941 (09110217)	201.19656 (09110217)	193.67659 (09110217)
185.01596	(09110217)	175.47873 (09110217)	
3874057.0	212.39291 (09110217)	203.14487 (09110217)	192.33368 (09110217)
180.18386	(09110217)	168.00513 (09110217)	
3874007.0	214.13786 (09110217)	204.77082 (13121217)	203.74606 (13121217)
202.56525	(13121217)	201.41972 (13121217)	
3873957.0	262.34774 (13121217)	258.41744 (13121217)	254.54259 (13121217)
250.81155	(13121217)	247.25083 (13121217)	
3873907.0	315.59332 (13121217)	307.90714 (13121217)	300.53160 (13121217)
293.56790	(13121217)	287.01743 (13121217)	
3873857.0	356.10849 (13121217)	343.98092 (13121217)	332.99450 (13121217)
322.99450	(13121217)	313.83826 (13121217)	
3873807.0	372.84037 (13121217)	358.93754 (13121217)	346.50575 (13121217)
335.19888	(13121217)	324.74938 (13121217)	
3873757.0	373.36682 (13121217)	359.27815 (13121217)	346.84816 (09111617)
335.58009	(09111617)	325.38667 (09111617)	
3873707.0	374.40342 (09111617)	360.62559 (09111617)	348.27911 (09111617)
337.07537	(09111617)	326.80416 (09111617)	
3873657.0	370.81178 (09111617)	356.75740 (09111617)	344.23117 (09111617)
332.78394	(09111617)	322.46151 (09111617)	
3873607.0	376.04572 (09012907)	361.61762 (09012907)	348.97804 (09012907)
337.33907	(09012907)	326.58502 (09012907)	
3873557.0	381.61491 (09012907)	366.98907 (09012907)	354.67268 (09012907)
343.39884	(09012907)	332.72743 (09012907)	
3873507.0	381.39332 (09012907)	366.88767 (09012907)	354.42872 (09012907)
343.35189	(09012907)	333.20244 (09012907)	

3873457.0	372.70122 (09012907)	358.39676 (09012907)	345.81812 (09012907)
334.70837 (09012907)	324.49011 (09012907)		
3873407.0	370.29003 (12112617)	355.01178 (12112617)	341.71221 (12112617)
329.37782 (12112617)	322.58658 (12112617)		
3873357.0	357.49600 (12112617)	345.84030 (12112617)	334.62412 (12112617)
333.63107 (12112617)	324.46548 (12112617)		
3873307.0	308.51520 (12112617)	305.74434 (12112617)	301.49639 (12112617)
308.73407 (12112617)	304.64679 (12112617)		
3873257.0	287.14944 (12022307)	283.15512 (12022307)	279.37223 (12022307)
272.08355 (12022307)	261.57497 (12022307)		
3873207.0	258.00490 (12022307)	258.15481 (12022307)	258.92886 (12022307)
256.15602 (12022307)	253.63376 (12022307)		
3873157.0	232.28852 (12022307)	235.68619 (12022307)	236.01839 (12022307)
235.33412 (12022307)	235.52081 (12022307)		

▲ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*

\*\*\* 09/09/20

\*\*\* AERMET - VERSION 14134 \*\*\* \*\*

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

VALUES FOR SOURCE GROUP: 1004 \*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION \*\*\*

INCLUDING SOURCE(S): 1004 ,

\*\*\* NETWORK ID: DESERTL ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD			X-COORD (METERS)
(METERS)	436350.40	436400.40	436450.40
436500.40	436550.40		

3874157.0	170.66095 (09110217)	162.08138 (09110217)	152.75025 (09110217)
142.97149 (09110217)	133.23290 (09110217)		
3874107.0	165.45624 (09110217)	154.70319 (09110217)	143.72863 (09110217)
133.77551 (09011407)	133.79077 (09011407)		
3874057.0	156.96429 (13121217)	157.42870 (13121217)	157.80089 (13121217)
158.04120 (13121217)	158.17497 (13121217)		
3874007.0	200.39533 (13121217)	199.32650 (13121217)	198.20549 (13121217)
197.03794 (13121217)	195.80799 (13121217)		
3873957.0	243.82354 (13121217)	240.60538 (13121217)	237.36589 (13121217)
234.27710 (13121217)	231.25827 (13121217)		
3873907.0	280.79324 (13121217)	275.10421 (13121217)	269.74342 (13121217)
264.58512 (13121217)	259.64864 (13121217)		

3873857.0		305.34617	(13121217)	297.64481	(13121217)	290.44960	(13121217)
283.80829		(13121217)		277.29562	(13121217)		
3873807.0		315.47961	(13121217)	306.73593	(13121217)	298.70554	(13121217)
291.09367		(13121217)		291.56887	(13121217)		
3873757.0		316.13738	(09111617)	307.47122	(09111617)	299.52598	(09111617)
298.52357		(09111617)		292.05633	(09111617)		
3873707.0		317.30341	(09111617)	308.70318	(09111617)	305.63280	(09111617)
298.61075		(09111617)		291.91744	(09111617)		
3873657.0		312.76607	(09111617)	304.00010	(09111617)	301.31172	(09111617)
294.05107		(09111617)		287.12538	(09111617)		
3873607.0		316.82410	(09012907)	307.66401	(09012907)	304.26939	(09012907)
296.38892		(09012907)		288.98793	(09012907)		
3873557.0		323.05186	(09012907)	313.98605	(09012907)	310.45334	(09012907)
303.01608		(09012907)		295.69650	(09012907)		
3873507.0		323.30686	(09012907)	320.30015	(09012907)	312.24626	(09012907)
304.79330		(09012907)		297.75646	(09012907)		
3873457.0		323.84267	(09012907)	315.84406	(09012907)	308.17918	(09012907)
301.15911		(09012907)		294.45145	(09012907)		
3873407.0		312.56416	(12112617)	303.01217	(12112617)	293.80107	(12112617)
286.18943		(09012907)		280.41354	(09012907)		
3873357.0		315.58125	(12112617)	307.25348	(12112617)	299.41172	(12112617)
291.78960		(12112617)		284.44340	(12112617)		
3873307.0		300.28104	(12112617)	295.64240	(12112617)	290.75572	(12112617)
285.61679		(12112617)		280.61807	(12112617)		
3873257.0		261.36744	(12112617)	261.41981	(12112617)	260.65979	(12112617)
260.08586		(12112617)		257.63323	(12112617)		
3873207.0		249.40561	(12022307)	243.36551	(12022307)	237.90495	(12022307)
228.82041		(12022307)		222.13025	(10012908)		
3873157.0		233.28113	(12022307)	232.30851	(12022307)	228.42565	(12022307)
226.19241		(12022307)		221.88404	(12022307)		

▲ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*

\*\*\* 09/09/20

\*\*\* AERMET - VERSION 14134 \*\*\* \*\*

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: 1004 \*\*\*

INCLUDING SOURCE(S): 1004 ,

\*\*\* NETWORK ID: DESERTL ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD			X-COORD (METERS)
(METERS)		436600.40	436650.40
			436700.40

436750.40

436800.40

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-----  
3874157.0 | 123.52892 (09110217) 116.53550 (09011407) 116.97522 (09011407)  
117.28309 (09011407) 117.55903 (09011407)  
3874107.0 | 133.72292 (09011407) 133.50950 (09011407) 133.16455 (09011407)  
132.71189 (09011407) 132.17329 (09011407)  
3874057.0 | 158.30116 (13121217) 158.32166 (13121217) 158.22849 (13121217)  
158.07589 (13121217) 161.89158 (13121217)  
3874007.0 | 194.50845 (13121217) 193.08540 (13121217) 191.72545 (13121217)  
198.54195 (13121217) 197.80644 (13121217)  
3873957.0 | 228.17687 (13121217) 225.08320 (13121217) 233.34185 (13121217)  
231.03485 (13121217) 228.86136 (13121217)  
3873907.0 | 254.72059 (13121217) 261.88168 (13121217) 258.11519 (13121217)  
254.31575 (13121217) 250.71076 (13121217)  
3873857.0 | 281.28009 (13121217) 276.04090 (13121217) 270.96422 (13121217)  
266.08299 (13121217) 261.46233 (13121217)  
3873807.0 | 285.30944 (13121217) 279.28507 (13121217) 273.43670 (13121217)  
268.05609 (13121217) 262.81484 (13121217)  
3873757.0 | 285.75198 (09111617) 280.00250 (09111617) 274.15828 (09111617)  
268.74203 (09111617) 263.94838 (09111617)  
3873707.0 | 285.48973 (09111617) 279.49656 (09111617) 273.53750 (09111617)  
268.24133 (09111617) 262.75172 (09111617)  
3873657.0 | 280.55617 (09111617) 274.42085 (09111617) 268.58490 (09111617)  
263.13127 (09111617) 257.56213 (09111617)  
3873607.0 | 281.91706 (09012907) 275.98820 (09012907) 269.88326 (09012907)  
264.05161 (09012907) 258.46616 (09012907)  
3873557.0 | 288.71056 (09012907) 282.41632 (09012907) 276.80751 (09012907)  
270.71578 (09012907) 264.82200 (09012907)  
3873507.0 | 291.27370 (09012907) 284.73345 (09012907) 278.66772 (09012907)  
273.08823 (09012907) 267.51790 (09012907)  
3873457.0 | 288.36856 (09012907) 282.21554 (09012907) 276.27607 (09012907)  
270.33020 (09012907) 264.74287 (09012907)  
3873407.0 | 274.99749 (09012907) 269.66387 (09012907) 264.46643 (09012907)  
258.98242 (09012907) 254.03131 (09012907)  
3873357.0 | 277.18465 (12112617) 269.70342 (12112617) 262.05608 (12112617)  
254.14164 (12112617) 247.18321 (12112617)  
3873307.0 | 275.02037 (12112617) 269.00662 (12112617) 262.74661 (12112617)  
256.30488 (12112617) 251.64084 (12112617)  
3873257.0 | 256.32285 (12112617) 253.32257 (12112617) 249.77895 (12112617)  
246.06036 (12112617) 243.81797 (12112617)  
3873207.0 | 222.51494 (12112617) 223.08655 (12112617) 222.36779 (12112617)  
222.63873 (12112617) 223.01534 (12112617)  
3873157.0 | 216.00728 (12022307) 210.67373 (12022307) 203.64621 (10012908)  
199.29651 (10012908) 194.46880 (10012908)

\*\*\* AERMOD - VERSION 19191 \*\*\* \*\*\*

\*\*\* 09/09/20

\*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*

\*\*\* 22:09:40

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: 1004 \*\*\*

INCLUDING SOURCE(S): 1004 ,

\*\*\* NETWORK ID: DESERTL ; NETWORK TYPE:  
GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD | X-COORD (METERS)  
(METERS) | 436850.40

3874157.0	117.70933 (09011407)
3874107.0	131.53011 (09011407)
3874057.0	162.12241 (13121217)
3874007.0	197.02891 (13121217)
3873957.0	226.70282 (13121217)
3873907.0	247.10903 (13121217)
3873857.0	257.00867 (13121217)
3873807.0	257.94897 (13121217)
3873757.0	259.25040 (09111617)
3873707.0	258.07893 (09111617)
3873657.0	252.45181 (09111617)
3873607.0	252.93478 (09012907)
3873557.0	259.78809 (09012907)
3873507.0	262.15741 (09012907)
3873457.0	259.58821 (09012907)
3873407.0	249.86384 (09012907)
3873357.0	241.33930 (12112617)
3873307.0	247.02919 (12112617)
3873257.0	241.36575 (12112617)
3873207.0	223.06739 (12112617)
3873157.0	194.14765 (12112617)

\*\*\* AERMOD - VERSION 19191 \*\*\* \*\*  
\*\*\* 09/09/20

\*\*\* AERMET - VERSION 14134 \*\*\* \*\*  
\*\*\* 22:09:40

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: 1004 \*\*\*



INCLUDING SOURCE(S): 1004 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)
Y-COORD (M)	CONC	(YYMMDDHH)		
439914.30	3872794.00	106.80108	(12112617)	436262.90
3873356.00	330.98106	(12112617)		
435902.60	3873538.00	467.94575	(09012907)	435899.30
3873949.00	291.85925	(13121217)		
435809.00	3873839.00	499.44875	(13121217)	435714.00
3873870.00	485.26828	(13121217)		
435619.00	3873902.00	462.99679	(13121217)	435524.10
3873933.00	402.26931	(13121217)		
435484.00	3873946.00	364.62676	(09110217)	435384.10
3873949.00	365.61321	(09110217)		
435284.10	3873952.00	364.44485	(09110217)	435184.20
3873956.00	355.19824	(09110217)		
435084.20	3873959.00	348.52172	(09110217)	434984.30
3873962.00	345.13596	(09110217)		
434884.30	3873965.00	342.46308	(12013117)	434784.30
3873968.00	357.28131	(12013117)		
434684.40	3873971.00	366.48307	(12013117)	434626.00
3873973.00	371.02283	(12013117)		
434568.80	3873891.00	363.22533	(12121907)	434511.60
3873809.00	367.25520	(12121907)		
434511.00	3873808.00	367.21611	(12121907)	434416.00
3873777.00	374.92637	(13121007)		
434404.00	3873773.00	377.21892	(13121007)	434346.10
3873855.00	331.34004	(12121907)		
434288.20	3873936.00	324.99788	(09110217)	434279.00
3873949.00	328.92962	(09110217)		
434180.20	3873964.00	330.16048	(09110217)	434081.30
3873980.00	341.44963	(12013117)		
434026.00	3873988.00	356.00294	(12013117)	433926.00
3873987.00	397.27995	(12121907)		
433826.00	3873985.00	426.12753	(12121907)	433726.00
3873984.00	447.09990	(12121907)		
433626.00	3873982.00	461.14740	(12121907)	433526.10
3873981.00	469.28662	(12121907)		
433426.10	3873980.00	475.49676	(12121907)	433326.10
3873978.00	480.04159	(12121907)		
433226.10	3873977.00	481.15140	(12121907)	433126.10
3873975.00	480.14501	(12121907)		

433026.10	3873974.00	479.78230	(12121907)	432967.00
3873973.00	479.17635	(12121907)		
432867.60	3873963.00	473.05020	(12121907)	432770.00
3873952.00	468.37421	(12121907)		
432681.60	3873905.00	531.29618	(13121007)	432679.00
3873904.00	532.60064	(13121007)		
432681.20	3873804.00	570.38238	(13121007)	432683.40
3873704.00	576.11045	(13121007)		
432685.70	3873604.00	562.52408	(13121007)	432687.90
3873504.00	535.41995	(11122207)		
432690.10	3873404.00	554.78627	(09113007)	432691.00
3873364.00	548.24757	(09113007)		
432791.00	3873364.00	540.91247	(09113007)	432891.00
3873364.00	532.93741	(09113007)		
432991.00	3873364.00	524.30392	(09113007)	433091.00
3873364.00	514.64800	(09113007)		
433191.00	3873364.00	504.90128	(09113007)	433291.00
3873364.00	494.64626	(09113007)		
433391.00	3873364.00	484.27969	(09113007)	433491.00
3873364.00	475.80800	(09113007)		
433591.00	3873364.00	467.06692	(09113007)	433691.00
3873364.00	456.30559	(09113007)		
433791.00	3873364.00	445.54207	(09113007)	433891.00
3873365.00	435.52439	(09113007)		
433991.00	3873365.00	422.21836	(09113007)	434091.00
3873365.00	408.81332	(09113007)		
434191.00	3873365.00	396.86350	(09113007)	434291.00
3873365.00	383.28469	(09113007)		
434391.00	3873365.00	370.34431	(09113007)	434491.00
3873365.00	354.31013	(09113007)		
434591.00	3873365.00	351.01195	(12022307)	434691.00
3873365.00	360.23749	(12022307)		
434791.00	3873365.00	371.13356	(12022307)	434891.00
3873365.00	382.10044	(12022307)		
434991.00	3873365.00	388.15633	(12022307)	435091.00
3873365.00	401.30728	(12022307)		
435191.00	3873365.00	413.50520	(12022307)	435291.00
3873365.00	419.26388	(12022307)		
435391.00	3873365.00	422.95775	(12022307)	435491.00
3873365.00	433.73795	(12112617)		
435591.00	3873365.00	449.34672	(12112617)	435691.00
3873365.00	455.93782	(12112617)		

\*\*\* AERMOD - VERSION 19191 \*\*\*

\*\*\* 09/09/20

\*\*\* AERMET - VERSION 14134 \*\*\*

\*\*\* 22:09:40

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

VALUES FOR SOURCE GROUP: 1004 \*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 INCLUDING SOURCE(S): 1004 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)
Y-COORD (M)	CONC	(YYMMDDHH)		
435791.00	3873365.00	462.33628	(12112617)	435836.00
3873365.00	465.26393	(12112617)		
435830.30	3873465.00	499.24813	(09012907)	435824.60
3873565.00	508.66383	(09012907)		
435818.90	3873665.00	499.53931	(09111617)	435813.30
3873764.00	502.02567	(13121217)		

▲ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*  
 \*\*\* 09/09/20  
 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*  
 \*\*\* 22:09:40

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\*\*\* MODELOPTs: RegDFault CONC ELEV FLGPOL RURAL

\*\*\* THE SUMMARY OF MAXIMUM PERIOD ( 43872 HRS) RESULTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

GROUP ID	NETWORK	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV,
ZHILL, ZFLAG)	OF TYPE	GRID-ID	
1004	1ST HIGHEST VALUE IS	5.95425 AT (	435233.00, 3873761.00, 724.30,
	724.30, 1.20) GC COURSE		
	2ND HIGHEST VALUE IS	5.71723 AT (	434733.00, 3873761.00, 720.80,
	720.80, 1.20) GC COURSE		
	3RD HIGHEST VALUE IS	5.63292 AT (	435733.00, 3873761.00, 727.90,
	727.90, 1.20) GC COURSE		
	4TH HIGHEST VALUE IS	5.60611 AT (	433733.00, 3873761.00, 716.00,
	716.00, 1.20) GC COURSE		

5TH HIGHEST VALUE IS 5.59769 AT ( 434233.00, 3873761.00, 718.40,  
 718.40, 1.20) GC COURSE  
 6TH HIGHEST VALUE IS 5.38119 AT ( 433233.00, 3873761.00, 714.40,  
 714.40, 1.20) GC COURSE  
 7TH HIGHEST VALUE IS 5.23943 AT ( 434404.00, 3873773.00, 719.02,  
 719.02, 1.20) DC  
 8TH HIGHEST VALUE IS 5.12889 AT ( 434416.00, 3873777.00, 719.02,  
 719.02, 1.20) DC  
 9TH HIGHEST VALUE IS 4.95725 AT ( 435619.00, 3873902.00, 728.12,  
 728.12, 1.20) DC  
 10TH HIGHEST VALUE IS 4.85332 AT ( 434511.00, 3873808.00, 719.33,  
 719.33, 1.20) DC

\*\*\* RECEPTOR TYPES: GC = GRIDCART  
 GP = GRIDPOLR  
 DC = DISCCART  
 DP = DISCPOLR

^ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*\*  
 \*\*\* 09/09/20  
 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*  
 \*\*\* 22:09:40

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\*\*\* MODELOPTs: RegDFault CONC ELEV FLGPOL RURAL

\*\*\* THE SUMMARY OF HIGHEST 1-HR

RESULTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

GROUP ID	NETWORK	DATE	RECEPTOR
(XR, YR, ZELEV, ZHILL, ZFLAG)	AVERAGE CONC OF TYPE GRID-ID	(YYMMDDHH)	
1004 HIGH	1ST HIGH VALUE IS 576.11045	ON 13121007: AT ( 432683.40,	
	3873704.00, 712.91, 712.91, 1.20) DC		

\*\*\* RECEPTOR TYPES: GC = GRIDCART  
 GP = GRIDPOLR  
 DC = DISCCART  
 DP = DISCPOLR

^ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*\*  
 \*\*\* 09/09/20

\*\*\* AERMET - VERSION 14134 \*\*\*  
\*\*\* 22:09:40

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* Message Summary : AERMOD Model Execution \*\*\*

----- Summary of Total Messages -----

A Total of 0 Fatal Error Message(s)  
A Total of 2 Warning Message(s)  
A Total of 16969 Informational Message(s)  
  
A Total of 43872 Hours Were Processed  
  
A Total of 10164 Calm Hours Identified  
  
A Total of 6805 Missing Hours Identified ( 15.51 Percent)

CAUTION!: Number of Missing Hours Exceeds 10 Percent of Total!  
Data May Not Be Acceptable for Regulatory Applications.  
See Section 5.3.2 of "Meteorological Monitoring Guidance  
for Regulatory Modeling Applications" (EPA-454/R-99-005).

\*\*\*\*\* FATAL ERROR MESSAGES \*\*\*\*\*  
\*\*\* NONE \*\*\*

\*\*\*\*\* WARNING MESSAGES \*\*\*\*\*  
CO W200 5 TITLES: Missing Parameter(s). No Options Specified For  
TITLEONE  
CO W200 6 TITLES: Missing Parameter(s). No Options Specified For  
TITLETWO

\*\*\*\*\*  
\*\*\* AERMOD Finishes Successfully \*\*\*  
\*\*\*\*\*

## *AERMOD Output*

---

Project Site 5

\*\*AERMOD INPUT FILE CREATED BY HARP VERSION 19044

\*\*DATE CREATED: 5/8/2019 9:53:46 PM

\*\*

CO STARTING

TITLEONE

TITLETWO

MODELOPT DFAULT CONC

AVERTIME 1 PERIOD

POLLUTID OTHER

RUNORNOT RUN

FLAGPOLE 1.2

ERRORFIL "C:\Users\elinard\Desktop\8MINUTE\_CUP5\8MINUTE\_CUP5\_AERMOD.ERR"

CO FINISHED

\*\*

\*\*SOURCES

SO STARTING

\*\*SOURCES LOCATIONS

LOCATION 1005 AREAPOLY 433343 3874839 718.35

\*\*SOURCES PARAMETERS

SRCPARAM 1005 9.65587429596607E-07 3.1 10

AREAVERT 1005 433343 3874839 432809 3874817 432807 3874449 432675 3874448 432676  
3874164 432754 3874129 432999 3874104 434169 3874110 434218 3874809 433343 3874839

\*\*M-F

EMISFACT 1005 HRDOW 0 0 0 0 0 0

EMISFACT 1005 HRDOW 6.545455 6.545455 6.545455 6.545455 6.545455 6.545455

EMISFACT 1005 HRDOW 6.545455 6.545455 6.545455 6.545455 6.545455 0

EMISFACT 1005 HRDOW 0 0 0 0 0 0

\*\*Saturday

EMISFACT 1005 HRDOW 0 0 0 0 0 0

EMISFACT 1005 HRDOW 0 0 0 0 0 0

EMISFACT 1005 HRDOW 0 0 0 0 0 0

EMISFACT 1005 HRDOW 0 0 0 0 0 0

\*\*Sunday

EMISFACT 1005 HRDOW 0 0 0 0 0 0

EMISFACT 1005 HRDOW 0 0 0 0 0 0

EMISFACT 1005 HRDOW 0 0 0 0 0 0

EMISFACT 1005 HRDOW 0 0 0 0 0 0

SRCGROUP 1005 1005

SO FINISHED

\*\*

\*\*RECEPTORS

RE STARTING

INCLUDED "C:\Users\elinard\Desktop\8MINUTE\_CUP5\8MINUTE\_CUP5\_AERMAP.REC"

RE FINISHED

\*\*

\*\*MET PATHWAY

ME STARTING

ME SURFFILE "C:\Users\elinard\Desktop\8MINUTE\_CUP5\MET\723171.SFC"

ME PROFFILE "C:\Users\elinard\Desktop\8MINUTE\_CUP5\MET\723171.PFL"

ME SURFDATA 53144 2009

ME UAIRDATA 3190 2009  
ME SITEDATA 0 2009  
ME PROFBASE 694.3  
ME FINISHED  
\*\*  
\*\*OUTPUT PATHWAY  
OU STARTING  
RECTABLE ALLAVE 1ST  
RECTABLE 1 1ST  
PLOTFILE 1 1005 1ST "C:\Users\elinard\Desktop\8MINUTE\_CUP5\plt\MAX1HR1005.PLT" 31  
PLOTFILE PERIOD 1005 "C:\Users\elinard\Desktop\8MINUTE\_CUP5\plt\PERIOD1005.PLT"  
32  
OU FINISHED

\*\*\* Message Summary For AERMOD Model Setup \*\*\*

----- Summary of Total Messages -----

A Total of 0 Fatal Error Message(s)  
A Total of 2 Warning Message(s)  
A Total of 0 Informational Message(s)

\*\*\*\*\* FATAL ERROR MESSAGES \*\*\*\*\*  
\*\*\* NONE \*\*\*

\*\*\*\*\* WARNING MESSAGES \*\*\*\*\*  
CO W200 5 TITLES: Missing Parameter(s). No Options Specified For  
TITLEONE  
CO W200 6 TITLES: Missing Parameter(s). No Options Specified For  
TITLETWO

\*\*\*\*\*  
\*\*\* SETUP Finishes Successfully \*\*\*  
\*\*\*\*\*

\*\*\* AERMOD - VERSION 19191 \*\*\* \*\*  
\*\*\* 09/09/20  
\*\*\* AERMET - VERSION 14134 \*\*\* \*\*  
\*\*\* 21:51:13

PAGE 1

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* MODEL SETUP OPTIONS SUMMARY

\*\*\*

-----  
-----



\*\*Model Is Setup For Calculation of Average CONCentration Values.

-- DEPOSITION LOGIC --

\*\*NO GAS DEPOSITION Data Provided.

\*\*NO PARTICLE DEPOSITION Data Provided.

\*\*Model Uses NO DRY DEPLETION. DRYDPLT = F

\*\*Model Uses NO WET DEPLETION. WETDPLT = F

\*\*Model Uses RURAL Dispersion Only.

\*\*Model Uses Regulatory DEFAULT Options:

1. Stack-tip Downwash.
2. Model Accounts for ELEVated Terrain Effects.
3. Use Calms Processing Routine.
4. Use Missing Data Processing Routine.
5. No Exponential Decay.

\*\*Other Options Specified:

CCVR\_Sub - Meteorological data includes CCVR substitutions

TEMP\_Sub - Meteorological data includes TEMP substitutions

\*\*Model Accepts FLAGPOLE Receptor Heights.

\*\*The User Specified a Pollutant Type of: OTHER

\*\*Model Calculates 1 Short Term Average(s) of: 1-HR  
and Calculates PERIOD Averages

\*\*This Run Includes: 1 Source(s); 1 Source Group(s); and 1454  
Receptor(s)

with: 0 POINT(s), including  
0 POINTCAP(s) and 0 POINTHOR(s)  
and: 0 VOLUME source(s)  
and: 1 AREA type source(s)  
and: 0 LINE source(s)  
and: 0 RLINE/RLINEXT source(s)  
and: 0 OPENPIT source(s)  
and: 0 BUOYANT LINE source(s) with 0 line(s)

\*\*Model Set To Continue RUNning After the Setup Testing.

\*\*The AERMET Input Meteorological Data Version Date: 14134

\*\*Output Options Selected:

Model Outputs Tables of PERIOD Averages by Receptor

Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE  
Keyword)

Model Outputs External File(s) of High Values for Plotting (PLOTFILE  
Keyword)

\*\*NOTE: The Following Flags May Appear Following CONC Values: c for Calm Hours  
m for Missing Hours  
b for Both Calm and

Missing Hours

\*\*Misc. Inputs: Base Elev. for Pot. Temp. Profile (m MSL) = 694.30 ; Decay  
Coef. = 0.000 ; Rot. Angle = 0.0  
Emission Units = GRAMS/SEC ;  
Emission Rate Unit Factor = 0.10000E+07  
Output Units = MICROGRAMS/M\*\*3

\*\*Approximate Storage Requirements of Model = 3.7 MB of RAM.

\*\*Input Runstream File: aermod.inp

\*\*Output Print File: aermod.out

\*\*Detailed Error/Message File:  
C:\Users\elinard\Desktop\8MINUTE\_CUP5\8MINUTE\_CUP5\_AERMOD.ERR

\*\*\* AERMOD - VERSION 19191 \*\*\* \*\*  
\*\*\* \*\*  
09/09/20  
\*\*\* AERMET - VERSION 14134 \*\*\* \*\*  
\*\*\* \*\*  
21:51:13

PAGE 2

\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\*\*\* AREAPOLY SOURCE DATA \*\*\*

INIT.	URBAN	NUMBER	EMISSION	LOCATION	OF	AREA	BASE	RELEASE	NUMBER
SOURCE	SOURCE	EMISSION	RATE	X	Y	ELEV.	HEIGHT	OF	VERTS.
SZ	SZ	PART.	(GRAMS/SEC	(METERS)	(METERS)	(METERS)	(METERS)		
ID	ID	SCALAR	VARY						
(METERS)	(METERS)	CATS.	/METER**2)						
		BY							

1005 0 0.96559E-06 433343.0 3874839.0 718.3 3.10 10  
0.00 NO HRDOW  
\*\*\* AERMOD - VERSION 19191 \*\*\* \*\*  
\*\*\* \*\*  
09/09/20  
\*\*\* AERMET - VERSION 14134 \*\*\* \*\*  
\*\*\* \*\*  
21:51:13

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* SOURCE IDs DEFINING SOURCE GROUPS \*\*\*

SRCGROUP ID  
-----

SOURCE IDs  
-----

1005 1005 ,  
\*\*\* AERMOD - VERSION 19191 \*\*\* \*\*  
\*\*\* 09/09/20  
\*\*\* AERMET - VERSION 14134 \*\*\* \*\*  
\*\*\* 21:51:13

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) \*

SOURCE ID = 1005 ; SOURCE TYPE = AREAPOLY :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR  
-----

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00  
6 .0000E+00 7 .6545E+01 8 .6545E+01  
9 .6545E+01 10 .6545E+01 11 .6545E+01 12 .6545E+01 13 .6545E+01  
14 .6545E+01 15 .6545E+01 16 .6545E+01  
17 .6545E+01 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00  
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00  
6 .0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00  
14 .0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00  
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00  
6 .0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00  
14 .0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00  
22 .0000E+00 23 .0000E+00 24 .0000E+00

\*\*\* AERMOD - VERSION 19191 \*\*\* \*\*

\*\*\* 09/09/20  
\*\*\* AERMET - VERSION 14134 \*\*\*  
\*\*\* 21:51:13

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\*\*\* MODELOPTs: RegDFault CONC ELEV FLGPOL RURAL

\*\*\* GRIDDED RECEPTOR NETWORK SUMMARY \*\*\*

\*\*\* NETWORK ID: COURSE ; NETWORK TYPE: GRIDCART

\*\*\*

\*\*\* X-COORDINATES OF GRID \*\*\*  
(METERS)

430733.0, 431233.0, 431733.0, 432233.0, 432733.0, 433233.0, 433733.0,  
434233.0, 434733.0, 435233.0,  
435733.0, 436233.0, 436733.0, 437233.0, 437733.0, 438233.0, 438733.0,  
439233.0, 439733.0, 440233.0,  
440733.0, 441233.0, 441733.0, 442233.0, 442733.0, 443233.0, 443733.0,  
444233.0, 444733.0, 445233.0,  
445733.0,

\*\*\* Y-COORDINATES OF GRID \*\*\*  
(METERS)

3864761.0, 3865261.0, 3865761.0, 3866261.0, 3866761.0, 3867261.0, 3867761.0,  
3868261.0, 3868761.0, 3869261.0,  
3869761.0, 3870261.0, 3870761.0, 3871261.0, 3871761.0, 3872261.0, 3872761.0,  
3873261.0, 3873761.0, 3874261.0,  
3874761.0, 3875261.0, 3875761.0, 3876261.0, 3876761.0, 3877261.0, 3877761.0,  
3878261.0, 3878761.0, 3879261.0,  
3879761.0,

\*\*\* AERMOD - VERSION 19191 \*\*\*  
\*\*\* 09/09/20

\*\*\* AERMET - VERSION 14134 \*\*\*  
\*\*\* 21:51:13

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\*\*\* MODELOPTs: RegDFault CONC ELEV FLGPOL RURAL

\*\*\* NETWORK ID: COURSE ; NETWORK TYPE: GRIDCART

\*\*\*

\* ELEVATION HEIGHTS IN METERS \*

Y-COORD (METERS)		430733.00	431233.00	431733.00	432233.00	432733.00
433233.00	433733.00	434233.00	434733.00			

-----

3879761.00		744.00	779.70	750.30	737.30	737.90
739.30	743.20	743.10	749.90			
3879261.00		730.50	744.90	743.90	734.60	734.90
737.10	746.00	738.90	741.00			
3878761.00		725.80	729.60	732.10	732.60	732.60
734.30	734.30	737.60	737.60			
3878261.00		725.30	728.10	730.00	729.30	730.00
731.30	734.00	735.70	736.40			
3877761.00		723.00	725.50	726.30	726.50	727.60
729.00	732.50	733.40	733.30			
3877261.00		720.50	722.10	723.60	724.20	725.40
727.40	729.20	731.50	732.30			
3876761.00		718.40	720.00	721.10	722.00	723.90
725.10	727.20	728.40	728.50			
3876261.00		717.20	718.40	719.30	720.50	722.10
724.20	725.60	726.40	727.00			
3875761.00		714.90	716.10	717.30	719.30	720.50
722.30	724.40	723.90	725.40			
3875261.00		712.60	713.80	716.30	717.30	718.70
719.80	721.70	721.80	723.00			
3874761.00		711.10	712.90	714.50	716.30	716.60
717.70	718.70	719.40	721.80			
3874261.00		710.20	711.10	713.20	713.50	715.70
715.70	717.50	719.30	721.20			
3873761.00		709.90	710.40	711.40	712.30	713.20
714.40	716.00	718.40	720.80			
3873261.00		707.20	709.60	709.00	709.00	711.20
713.00	715.00	718.00	721.00			
3872761.00		706.40	707.60	709.00	709.00	711.00
713.00	715.00	718.00	722.00			
3872261.00		705.00	706.20	707.00	709.00	710.90
712.80	715.00	719.00	723.00			
3871761.00		704.10	705.60	707.00	707.00	710.30
713.00	715.00	719.00	724.00			
3871261.00		701.60	704.10	707.00	707.00	710.00
713.00	715.20	720.00	724.00			
3870761.00		700.70	701.50	707.00	707.00	709.00
712.00	715.00	719.10	723.80			
3870261.00		698.00	700.80	702.60	707.40	707.00
713.00	714.40	718.00	722.00			
3869761.00		696.00	699.10	707.00	707.00	707.00
713.00	714.00	716.00	721.00			
3869261.00		696.20	701.00	705.00	714.40	707.00
709.70	712.90	714.00	723.80			
3868761.00		704.40	704.10	707.60	708.00	709.00
710.00	713.00	720.90	730.60			
3868261.00		709.20	710.40	711.50	711.50	711.00
713.00	719.00	729.60	741.30			

3867761.00		719.10	717.90	716.00	715.00	715.00
717.80		726.40	736.30	750.90		
3867261.00		728.10	725.90	722.80	719.00	718.10
724.00		733.40	747.90	762.60		
3866761.00		748.20	740.30	739.90	727.60	724.00
732.40		744.40	762.60	781.70		
3866261.00		765.50	749.40	737.20	729.00	732.00
741.90		758.60	774.50	801.90		
3865761.00		762.60	743.50	734.00	730.30	737.00
751.40		769.30	794.00	832.00		
3865261.00		741.80	731.00	727.80	736.90	744.60
761.30		781.90	808.20	875.20		
3864761.00		724.10	725.10	732.00	744.10	754.30
767.80		789.90	818.20	856.60		

\*\*\* AERMOD - VERSION 19191 \*\*\* \*\*

\*\*\* 09/09/20

\*\*\* AERMET - VERSION 14134 \*\*\* \*\*

\*\*\* 21:51:13

PAGE 7

\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\*\*\* NETWORK ID: COURSE ; NETWORK TYPE: GRIDCART

\*\*\*

\* ELEVATION HEIGHTS IN METERS \*

Y-COORD		X-COORD (METERS)				
(METERS)		435233.00	435733.00	436233.00	436733.00	437233.00
437733.00		438233.00	438733.00	439233.00		

3879761.00		743.40	746.10	755.60	757.60	755.90
759.70		765.40	771.40	775.90		
3879261.00		740.90	743.80	778.00	789.80	792.10
762.50		771.20	768.70	774.40		
3878761.00		740.70	761.90	778.00	774.00	778.10
768.80		761.40	767.50	774.20		
3878261.00		753.10	748.40	771.60	749.70	727.00
731.70		756.20	761.40	766.60		
3877761.00		733.30	735.90	740.40	680.00	616.00
666.00		752.90	755.90	762.00		
3877261.00		732.40	733.50	736.20	738.80	737.60
749.00		749.60	753.70	757.30		
3876761.00		728.60	730.90	734.30	737.10	746.60
750.90		746.40	749.80	756.10		
3876261.00		727.90	728.90	731.20	734.00	741.20
740.90		742.70	749.20	764.20		
3875761.00		725.40	726.80	728.60	732.60	736.30

737.60	747.70	754.60	772.00			
3875261.00		724.50	725.70	728.70	731.50	734.50
736.60		744.20	757.50	769.90		
3874761.00		723.90	725.50	728.50	730.70	732.70
734.60		742.30	753.50	773.70		
3874261.00		724.00	727.40	728.20	731.40	732.90
734.30		736.70	743.80	760.00		
3873761.00		724.30	727.90	730.80	734.40	735.80
737.70		737.60	737.90	740.60		
3873261.00		725.00	729.00	733.00	737.40	739.40
740.10		741.50	741.50	743.30		
3872761.00		727.00	732.00	736.00	739.70	744.00
746.00		747.50	747.00	748.00		
3872261.00		728.00	733.00	737.20	741.40	746.00
750.00		752.00	753.00	755.10		
3871761.00		728.40	733.10	738.00	742.40	747.10
752.00		756.80	761.80	766.60		
3871261.00		729.00	734.00	737.40	743.00	749.50
756.00		761.70	762.40	769.90		
3870761.00		728.40	734.00	740.10	747.50	762.00
765.10		773.10	773.10	770.80		
3870261.00		728.00	735.00	742.00	750.00	758.10
767.00		774.00	780.00	779.80		
3869761.00		728.40	738.10	746.90	758.20	766.50
782.90		789.00	785.50	786.00		
3869261.00		734.00	745.10	757.10	770.10	783.10
812.20		821.50	795.10	795.10		
3868761.00		742.80	755.90	767.60	783.30	799.90
815.40		829.60	812.50	806.80		
3868261.00		754.90	769.60	782.50	801.10	827.20
888.40		913.70	835.40	818.60		
3867761.00		765.40	785.30	803.70	826.60	873.80
982.60		919.80	846.80	829.00		
3867261.00		779.90	798.50	823.40	857.60	968.80
991.30		934.10	854.70	843.00		
3866761.00		804.60	831.30	871.60	926.00	990.00
925.00		890.10	867.90	858.50		
3866261.00		827.60	866.90	960.40	938.00	933.50
931.30		901.80	887.20	879.00		
3865761.00		901.90	951.10	939.10	930.10	919.30
930.90		922.70	924.30	904.40		
3865261.00		916.70	931.40	917.90	910.80	904.50
907.50		909.80	918.10	930.40		
3864761.00		901.00	903.00	898.00	910.30	893.80
893.80		902.00	917.70	925.70		
*** AERMOD - VERSION		19191 ***	***			
		***	09/09/20			
*** AERMET - VERSION		14134 ***	***			
		***	21:51:13			

\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\*\*\* NETWORK ID: COURSE ; NETWORK TYPE: GRIDCART

\*\*\*

\* ELEVATION HEIGHTS IN METERS \*

Y-COORD (METERS)	X-COORD (METERS)			
	439733.00	440233.00	440733.00	441233.00 441733.00
442233.00	442733.00	443233.00	443733.00	

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3879761.00	782.20	788.80	795.40	802.10	807.40
825.10	855.30	882.50	831.70		
3879261.00	780.20	786.50	791.90	797.90	802.40
817.70	840.80	829.40	822.70		
3878761.00	776.00	780.80	785.60	789.90	795.40
804.40	825.40	835.30	814.00		
3878261.00	770.80	773.80	779.30	785.40	790.30
795.20	804.40	820.00	810.70		
3877761.00	766.00	773.40	782.90	781.00	781.40
787.60	794.30	802.10	804.30		
3877261.00	762.80	765.40	774.30	775.60	775.20
778.70	783.50	789.40	794.50		
3876761.00	763.40	774.20	769.30	768.10	770.50
773.50	776.40	780.90	785.90		
3876261.00	768.50	763.90	764.20	771.70	783.70
774.90	771.50	776.10	778.60		
3875761.00	760.90	755.50	762.00	793.80	794.60
775.50	766.60	770.00	770.00		
3875261.00	773.70	753.10	754.80	762.60	767.40
764.10	762.30	763.20	763.80		
3874761.00	781.80	749.80	748.90	752.50	756.00
757.80	759.20	757.80	760.20		
3874261.00	750.60	744.90	749.20	749.40	752.00
753.60	754.50	755.50	757.30		
3873761.00	743.30	745.00	746.50	748.60	750.50
753.10	755.30	754.80	755.40		
3873261.00	745.50	747.90	750.20	752.10	753.10
755.30	758.00	759.70	759.50		
3872761.00	751.70	753.50	755.00	756.50	759.10
761.90	763.00	764.00	766.00		
3872261.00	758.10	760.00	761.10	761.00	763.20
767.80	768.00	769.10	771.10		
3871761.00	768.00	767.00	767.90	767.80	768.00
771.00	774.00	775.70	777.00		
3871261.00	771.50	772.00	772.90	774.00	774.00
776.00	780.00	783.00	783.40		



3870761.00		776.10	779.90	780.00	780.50	786.10
783.10		786.10	791.90	792.00		
3870261.00		774.00	786.10	786.00	788.30	795.10
806.40		803.40	798.80	798.80		
3869761.00		784.50	783.10	794.80	802.20	806.50
810.00		823.00	810.00	811.30		
3869261.00		794.00	790.10	798.70	815.50	824.40
826.10		824.10	818.00	822.80		
3868761.00		802.50	796.80	796.80	817.30	847.10
844.60		838.00	827.90	829.80		
3868261.00		811.30	803.50	800.50	804.00	818.60
835.80		844.60	834.10	827.20		
3867761.00		823.60	813.90	809.00	809.00	810.00
814.70		825.30	840.90	829.00		
3867261.00		834.80	824.70	818.80	816.80	816.80
816.80		818.00	823.40	836.00		
3866761.00		851.80	842.40	835.50	830.50	826.50
825.50		824.00	827.10	833.80		
3866261.00		880.30	868.20	855.50	846.10	838.00
834.00		832.60	833.20	834.00		
3865761.00		912.00	895.70	877.90	863.20	853.70
846.00		840.90	842.00	841.00		
3865261.00		938.70	926.30	897.20	879.00	865.90
855.60		851.50	848.00	846.90		
3864761.00		939.40	942.10	909.90	891.60	876.00
865.20		859.10	853.90	852.10		

\*\*\* AERMOD - VERSION 19191 \*\*\*  
 \*\*\*  
 \*\*\* 09/09/20

\*\*\* AERMET - VERSION 14134 \*\*\*  
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 \*\*\* 21:51:13

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\*\*\* NETWORK ID: COURSE ; NETWORK TYPE: GRIDCART

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\* ELEVATION HEIGHTS IN METERS \*

Y-COORD					X-COORD (METERS)
(METERS)		444233.00	444733.00	445233.00	445733.00

3879761.00		841.70	833.10	828.40	820.70
3879261.00		829.20	823.90	818.10	814.30
3878761.00		818.80	816.90	813.90	807.50
3878261.00		814.00	808.00	805.10	801.00
3877761.00		805.20	798.30	798.20	796.70
3877261.00		795.90	789.40	790.70	791.70

3876761.00	785.80	783.30	786.30	786.10
3876261.00	778.60	777.10	786.30	782.20
3875761.00	770.80	777.70	780.40	777.20
3875261.00	767.30	767.80	771.20	772.70
3874761.00	762.50	761.80	762.30	765.10
3874261.00	758.30	758.30	759.50	761.40
3873761.00	756.90	757.10	756.40	757.40
3873261.00	760.70	761.70	759.20	757.40
3872761.00	767.00	767.50	765.60	762.00
3872261.00	774.00	774.00	770.00	767.00
3871761.00	780.80	778.00	774.00	771.90
3871261.00	786.80	783.90	780.00	777.50
3870761.00	792.00	792.00	787.30	787.10
3870261.00	798.00	798.10	801.80	799.80
3869761.00	805.00	814.60	830.60	814.20
3869261.00	816.80	818.00	828.20	823.00
3868761.00	817.10	822.70	835.40	827.90
3868261.00	823.00	831.20	839.40	847.90
3867761.00	828.00	835.10	849.70	860.90
3867261.00	836.00	838.10	846.80	853.40
3866761.00	840.00	846.50	851.60	854.90
3866261.00	840.00	851.10	865.10	867.10
3865761.00	843.00	852.80	864.80	885.80
3865261.00	846.70	855.10	865.90	879.40
3864761.00	852.00	859.20	874.90	893.00

\*\*\* AERMOD - VERSION 19191 \*\*\*  
 \*\*\* 09/09/20

\*\*\* AERMET - VERSION 14134 \*\*\*  
 \*\*\* 21:51:13

PAGE 10

\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\*\*\* NETWORK ID: COURSE ; NETWORK TYPE: GRIDCART

\*\*\*

\* HILL HEIGHT SCALES IN METERS \*

Y-COORD (METERS)	X-COORD (METERS)				
	430733.00	431233.00	431733.00	432233.00	432733.00
433233.00	433733.00	434233.00	434733.00		

3879761.00	744.00	798.90	798.90	737.30	737.90
739.30	743.20	743.10	779.40		
3879261.00	730.50	798.90	762.30	734.60	734.90
737.10	753.50	738.90	741.00		
3878761.00	750.40	729.60	732.10	732.60	732.60
753.20	734.30	737.60	737.60		

3878261.00		725.30	728.10	730.00	729.30	730.00
731.30		734.00	735.70	736.40		
3877761.00		723.00	725.50	726.30	726.50	727.60
729.00		732.50	733.40	733.30		
3877261.00		720.50	722.10	723.60	724.20	725.40
727.40		729.20	731.50	732.30		
3876761.00		718.40	720.00	721.10	722.00	723.90
725.10		727.20	728.40	728.50		
3876261.00		717.20	718.40	719.30	720.50	722.10
724.20		725.60	726.40	727.00		
3875761.00		714.90	716.10	717.30	719.30	720.50
722.30		724.40	723.90	725.40		
3875261.00		712.60	713.80	716.30	717.30	718.70
719.80		721.70	721.80	723.00		
3874761.00		711.10	712.90	714.50	716.30	716.60
717.70		718.70	719.40	721.80		
3874261.00		710.20	711.10	713.20	713.50	715.70
715.70		717.50	719.30	721.20		
3873761.00		709.90	710.40	711.40	712.30	713.20
714.40		716.00	718.40	720.80		
3873261.00		707.20	709.60	709.00	709.00	711.20
713.00		715.00	718.00	721.00		
3872761.00		706.40	707.60	709.00	709.00	711.00
713.00		715.00	718.00	722.00		
3872261.00		705.00	706.20	707.00	709.00	710.90
712.80		715.00	719.00	723.00		
3871761.00		704.10	705.60	707.00	707.00	710.30
713.00		715.00	719.00	724.00		
3871261.00		701.60	704.10	707.00	707.00	710.00
713.00		715.20	720.00	724.00		
3870761.00		700.70	701.50	707.00	707.00	709.00
712.00		715.00	719.10	723.80		
3870261.00		698.00	700.80	702.60	707.40	707.00
713.00		714.40	718.00	722.00		
3869761.00		696.00	699.10	707.00	707.00	707.00
713.00		714.00	716.00	721.00		
3869261.00		696.20	701.00	705.00	714.40	707.00
709.70		712.90	714.00	723.80		
3868761.00		704.40	704.10	707.60	708.00	709.00
710.00		713.00	720.90	730.60		
3868261.00		709.20	710.40	711.50	711.50	711.00
713.00		719.00	729.60	741.30		
3867761.00		719.10	717.90	716.00	715.00	715.00
717.80		726.40	736.30	965.00		
3867261.00		728.10	725.90	722.80	719.00	718.10
724.00		733.40	961.00	970.00		
3866761.00		748.20	740.30	750.00	727.60	724.00
732.40		941.00	961.00	971.00		
3866261.00		765.50	749.40	737.20	729.00	732.00
741.90		961.00	961.00	971.00		

3865761.00		766.00	743.50	734.00	730.30	737.00
751.40		941.00	961.00	961.00		
3865261.00		774.80	731.00	727.80	736.90	744.60
761.30		933.00	961.00	933.00		
3864761.00		724.10	725.10	732.00	744.10	754.30
767.80		789.90	922.00	922.00		

\*\*\* AERMOD - VERSION 19191 \*\*\*

\*\*\* 09/09/20

\*\*\* AERMET - VERSION 14134 \*\*\*

\*\*\* 21:51:13

PAGE 11

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* NETWORK ID: COURSE ; NETWORK TYPE: GRIDCART

\*\*\*

\* HILL HEIGHT SCALES IN METERS \*

Y-COORD		X-COORD (METERS)				
(METERS)		435233.00	435733.00	436233.00	436733.00	437233.00
437733.00		438233.00	438733.00	439233.00		

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3879761.00		743.40	746.10	772.10	789.40	783.30
759.70		765.40	771.40	775.90		
3879261.00		740.90	767.50	778.00	789.80	792.10
783.00		779.70	768.70	774.40		
3878761.00		765.00	761.90	795.20	795.50	780.30
777.20		761.40	767.50	774.20		
3878261.00		753.10	764.70	771.60	749.70	788.20
774.20		756.20	761.40	789.40		
3877761.00		733.30	735.90	740.40	795.50	797.70
780.30		752.90	755.90	762.00		
3877261.00		732.40	733.50	736.20	738.80	737.60
749.00		749.60	753.70	757.30		
3876761.00		728.60	730.90	734.30	737.10	746.60
750.90		746.40	749.80	756.10		
3876261.00		727.90	728.90	731.20	734.00	741.20
740.90		742.70	749.20	801.00		
3875761.00		725.40	726.80	728.60	732.60	736.30
737.60		747.70	754.60	790.00		
3875261.00		724.50	725.70	728.70	731.50	734.50
736.60		744.20	757.50	769.90		
3874761.00		723.90	725.50	728.50	730.70	732.70
734.60		742.30	753.50	789.10		
3874261.00		724.00	727.40	728.20	731.40	732.90
734.30		736.70	743.80	762.00		
3873761.00		724.30	727.90	730.80	734.40	735.80

737.70	737.60	737.90	740.60			
3873261.00		725.00	729.00	733.00	737.40	739.40
740.10		741.50	741.50	743.30		
3872761.00		727.00	732.00	736.00	739.70	744.00
746.00		747.50	747.00	748.00		
3872261.00		728.00	733.00	737.20	741.40	746.00
750.00		752.00	753.00	755.10		
3871761.00		728.40	733.10	738.00	742.40	747.10
752.00		756.80	761.80	766.60		
3871261.00		729.00	734.00	737.40	743.00	749.50
756.00		761.70	762.40	769.90		
3870761.00		728.40	734.00	740.10	747.50	762.00
765.10		773.10	773.10	770.80		
3870261.00		728.00	735.00	742.00	750.00	899.00
899.00		899.00	899.00	779.80		
3869761.00		728.40	738.10	1015.00	1034.00	1034.00
1034.00		1023.00	970.00	786.00		
3869261.00		734.00	1026.00	1034.00	1034.00	1034.00
1034.00		1034.00	1034.00	1034.00		
3868761.00		1026.00	1034.00	1034.00	1034.00	1034.00
1034.00		1034.00	1034.00	1034.00		
3868261.00		1026.00	1034.00	1034.00	1034.00	1034.00
1034.00		1034.00	1034.00	1034.00		
3867761.00		1026.00	1034.00	1034.00	1034.00	1034.00
1034.00		1034.00	1034.00	1034.00		
3867261.00		1026.00	1034.00	1034.00	1034.00	1026.00
1034.00		1034.00	1034.00	1034.00		
3866761.00		971.00	1026.00	1026.00	1026.00	1001.00
1034.00		1034.00	1034.00	1034.00		
3866261.00		971.00	971.00	960.40	972.00	1001.00
996.00		1034.00	1034.00	879.00		
3865761.00		961.00	961.00	971.00	957.00	926.00
964.00		964.00	945.00	904.40		
3865261.00		916.70	941.00	917.90	946.00	904.50
907.50		909.80	918.10	930.40		
3864761.00		909.00	903.00	898.00	910.30	893.80
893.80		902.00	917.70	925.70		

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*** AERMOD - VERSION 19191 *** ***
***                               ***
***                               09/09/20
*** AERMET - VERSION 14134 *** ***
***                               ***
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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* NETWORK ID: COURSE ; NETWORK TYPE: GRIDCART

\*\*\*

\* HILL HEIGHT SCALES IN METERS \*

Y-COORD (METERS)					X-COORD (METERS)	
	439733.00	440233.00	440733.00	441233.00	441733.00	
442233.00	442733.00	443233.00	443733.00			

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3879761.00		782.20	788.80	795.40	802.10	807.40
939.10	939.10	939.10	939.10	939.10		
3879261.00		780.20	786.50	791.90	797.90	802.40
939.10	939.10	939.10	939.10	939.10		
3878761.00		776.00	780.80	785.60	789.90	795.40
935.70	935.70	935.70	935.70	935.70		
3878261.00		770.80	773.80	779.30	785.40	790.30
795.20	804.40	820.00	810.70			
3877761.00		766.00	773.40	782.90	781.00	781.40
787.60	794.30	802.10	804.30			
3877261.00		762.80	765.40	774.30	775.60	775.20
778.70	783.50	789.40	794.50			
3876761.00		763.40	774.20	769.30	768.10	770.50
773.50	776.40	780.90	785.90			
3876261.00		801.00	763.90	764.20	771.70	783.70
812.90	771.50	776.10	778.60			
3875761.00		760.90	755.50	762.00	796.70	810.80
812.90	766.60	770.00	770.00			
3875261.00		777.80	753.10	754.80	762.60	767.40
764.10	762.30	763.20	763.80			
3874761.00		806.50	806.50	748.90	752.50	756.00
757.80	759.20	757.80	760.20			
3874261.00		750.60	744.90	755.00	749.40	752.00
753.60	754.50	755.50	757.30			
3873761.00		743.30	745.00	746.50	748.60	750.50
753.10	755.30	754.80	755.40			
3873261.00		745.50	747.90	750.20	752.10	753.10
755.30	758.00	759.70	759.50			
3872761.00		751.70	753.50	755.00	756.50	759.10
761.90	763.00	764.00	766.00			
3872261.00		758.10	760.00	761.10	761.00	763.20
767.80	768.00	769.10	771.10			
3871761.00		768.00	767.00	767.90	767.80	768.00
771.00	774.00	775.70	777.00			
3871261.00		771.50	772.00	772.90	774.00	774.00
776.00	780.00	783.00	783.40			
3870761.00		776.10	779.90	780.00	780.50	786.10
783.10	786.10	791.90	792.00			
3870261.00		774.00	786.10	786.00	788.30	795.10
806.40	803.40	798.80	798.80			
3869761.00		784.50	783.10	794.80	802.20	806.50
810.00	823.00	810.00	817.00			
3869261.00		794.00	790.10	798.70	815.50	824.40
826.10	824.10	818.00	822.80			

3868761.00	1025.00	796.80	796.80	823.00	847.10
844.60	838.00	827.90	829.80		
3868261.00	1034.00	803.50	800.50	804.00	818.60
841.00	844.60	834.10	827.20		
3867761.00	1034.00	813.90	809.00	809.00	810.00
814.70	825.30	840.90	829.00		
3867261.00	1034.00	824.70	818.80	816.80	816.80
816.80	818.00	823.40	836.00		
3866761.00	851.80	842.40	835.50	830.50	826.50
825.50	824.00	827.10	833.80		
3866261.00	928.00	927.00	855.50	846.10	838.00
834.00	832.60	833.20	834.00		
3865761.00	930.00	928.00	916.00	863.20	853.70
846.00	840.90	842.00	841.00		
3865261.00	938.70	926.30	915.00	879.00	865.90
855.60	851.50	848.00	846.90		
3864761.00	939.40	942.10	932.00	891.60	876.00
865.20	859.10	853.90	852.10		

\*\*\* AERMOD - VERSION 19191 \*\*\*  
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\*\*\* AERMET - VERSION 14134 \*\*\*  
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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* NETWORK ID: COURSE ; NETWORK TYPE: GRIDCART

\*\*\*

\* HILL HEIGHT SCALES IN METERS \*

Y-COORD (METERS)	444233.00	444733.00	445233.00	X-COORD (METERS) 445733.00
3879761.00	841.70	833.10	828.40	820.70
3879261.00	829.20	823.90	818.10	814.30
3878761.00	818.80	816.90	813.90	807.50
3878261.00	814.00	808.00	805.10	801.00
3877761.00	805.20	798.30	798.20	796.70
3877261.00	795.90	789.40	790.70	791.70
3876761.00	785.80	783.30	786.30	786.10
3876261.00	778.60	777.10	786.30	782.20
3875761.00	770.80	777.70	780.40	777.20
3875261.00	767.30	767.80	771.20	772.70
3874761.00	762.50	761.80	762.30	765.10
3874261.00	758.30	758.30	759.50	761.40
3873761.00	756.90	757.10	756.40	757.40
3873261.00	760.70	761.70	759.20	757.40

3872761.00	767.00	767.50	765.60	762.00
3872261.00	774.00	774.00	770.00	767.00
3871761.00	780.80	778.00	774.00	771.90
3871261.00	786.80	783.90	780.00	777.50
3870761.00	792.00	792.00	787.30	787.10
3870261.00	798.00	798.10	801.80	799.80
3869761.00	805.00	814.60	830.60	814.20
3869261.00	823.00	818.00	828.20	823.00
3868761.00	817.10	822.70	835.40	827.90
3868261.00	823.00	831.20	842.00	860.00
3867761.00	828.00	835.10	849.70	860.90
3867261.00	836.00	838.10	846.80	853.40
3866761.00	840.00	846.50	851.60	854.90
3866261.00	840.00	851.10	865.10	867.10
3865761.00	843.00	852.80	864.80	885.80
3865261.00	846.70	855.10	865.90	910.00
3864761.00	852.00	859.20	874.90	893.00

\*\*\* AERMOD - VERSION 19191 \*\*\*  
 \*\*\* 09/09/20  
 \*\*\* AERMET - VERSION 14134 \*\*\*  
 \*\*\* 21:51:13

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\*\*\* MODELOPTs: RegDFault CONC ELEV FLGPOL RURAL

\*\*\* NETWORK ID: COURSE ; NETWORK TYPE: GRIDCART

\*\*\*

\* RECEPTOR FLAGPOLE HEIGHTS IN METERS \*

Y-COORD (METERS)	X-COORD (METERS)				
	430733.00	431233.00	431733.00	432233.00	432733.00
433233.00	433733.00	434233.00	434733.00		

3879761.00	1.20	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20		
3879261.00	1.20	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20		
3878761.00	1.20	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20		
3878261.00	1.20	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20		
3877761.00	1.20	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20		
3877261.00	1.20	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20		
3876761.00	1.20	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20		



3876261.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3875761.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3875261.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3874761.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3874261.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3873761.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3873261.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3872761.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3872261.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3871761.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3871261.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3870761.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3870261.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3869761.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3869261.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3868761.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3868261.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3867761.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3867261.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3866761.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3866261.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3865761.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3865261.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3864761.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		

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3866761.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3866261.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3865761.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3865261.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3864761.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		

\*\*\* AERMOD - VERSION 19191 \*\*\*  
 \*\*\* 09/09/20

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\*\*\* NETWORK ID: COURSE ; NETWORK TYPE: GRIDCART

\*\*\*

\* RECEPTOR FLAGPOLE HEIGHTS IN METERS \*

Y-COORD					X-COORD (METERS)
(METERS)		444233.00	444733.00	445233.00	445733.00

3879761.00		1.20	1.20	1.20	1.20
3879261.00		1.20	1.20	1.20	1.20
3878761.00		1.20	1.20	1.20	1.20
3878261.00		1.20	1.20	1.20	1.20
3877761.00		1.20	1.20	1.20	1.20
3877261.00		1.20	1.20	1.20	1.20
3876761.00		1.20	1.20	1.20	1.20
3876261.00		1.20	1.20	1.20	1.20
3875761.00		1.20	1.20	1.20	1.20
3875261.00		1.20	1.20	1.20	1.20
3874761.00		1.20	1.20	1.20	1.20
3874261.00		1.20	1.20	1.20	1.20
3873761.00		1.20	1.20	1.20	1.20
3873261.00		1.20	1.20	1.20	1.20
3872761.00		1.20	1.20	1.20	1.20
3872261.00		1.20	1.20	1.20	1.20
3871761.00		1.20	1.20	1.20	1.20
3871261.00		1.20	1.20	1.20	1.20
3870761.00		1.20	1.20	1.20	1.20
3870261.00		1.20	1.20	1.20	1.20
3869761.00		1.20	1.20	1.20	1.20
3869261.00		1.20	1.20	1.20	1.20

3868761.00		1.20	1.20	1.20	1.20
3868261.00		1.20	1.20	1.20	1.20
3867761.00		1.20	1.20	1.20	1.20
3867261.00		1.20	1.20	1.20	1.20
3866761.00		1.20	1.20	1.20	1.20
3866261.00		1.20	1.20	1.20	1.20
3865761.00		1.20	1.20	1.20	1.20
3865261.00		1.20	1.20	1.20	1.20
3864761.00		1.20	1.20	1.20	1.20

\*\*\* AERMOD - VERSION 19191 \*\*\*  
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\*\*\* GRIDDED RECEPTOR NETWORK SUMMARY \*\*\*

\*\*\* NETWORK ID: DESERTL ; NETWORK TYPE: GRIDCART

\*\*\*

\*\*\* X-COORDINATES OF GRID \*\*\*  
(METERS)

435850.4, 435900.4, 435950.4, 436000.4, 436050.4, 436100.4, 436150.4,  
436200.4, 436250.4, 436300.4,  
436350.4, 436400.4, 436450.4, 436500.4, 436550.4, 436600.4, 436650.4,  
436700.4, 436750.4, 436800.4,  
436850.4,

\*\*\* Y-COORDINATES OF GRID \*\*\*  
(METERS)

3873157.0, 3873207.0, 3873257.0, 3873307.0, 3873357.0, 3873407.0, 3873457.0,  
3873507.0, 3873557.0, 3873607.0,  
3873657.0, 3873707.0, 3873757.0, 3873807.0, 3873857.0, 3873907.0, 3873957.0,  
3874007.0, 3874057.0, 3874107.0,  
3874157.0,

\*\*\* AERMOD - VERSION 19191 \*\*\*  
\*\*\*  
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\*\*\* AERMET - VERSION 14134 \*\*\*  
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\*\*\* NETWORK ID: DESERTL ; NETWORK TYPE: GRIDCART

\*\*\*

\* ELEVATION HEIGHTS IN METERS \*

Y-COORD (METERS)	X-COORD (METERS)				
	435850.40	435900.40	435950.40	436000.40	436050.40
436100.40	436150.40	436200.40	436250.40		
3874157.00	728.50	731.80	729.80	728.90	728.50
728.50	728.50	728.50	728.60		
3874107.00	728.60	731.10	730.30	729.30	729.10
728.60	728.50	728.70	729.60		
3874057.00	728.90	728.40	728.60	729.10	729.10
728.90	729.00	729.90	731.20		
3874007.00	729.10	728.50	728.50	728.80	728.80
729.10	729.40	730.10	731.00		
3873957.00	728.80	730.70	728.50	728.50	728.50
728.80	729.40	730.20	730.80		
3873907.00	728.90	729.80	728.50	728.50	728.50
728.90	729.40	730.10	730.70		
3873857.00	729.10	728.50	728.50	728.50	728.50
729.10	729.40	730.10	730.70		
3873807.00	728.60	728.50	728.50	728.50	728.50
728.60	729.40	730.10	730.70		
3873757.00	728.90	728.50	728.50	728.50	728.50
728.90	729.60	730.20	730.80		
3873707.00	729.20	728.50	728.50	728.50	728.60
729.20	729.80	730.30	731.00		
3873657.00	729.50	728.50	728.50	728.50	728.80
729.50	730.00	730.50	731.00		
3873607.00	729.80	728.50	728.50	728.50	728.70
729.80	730.30	730.70	731.20		
3873557.00	730.20	728.50	728.50	728.50	728.90
730.20	730.70	730.90	731.30		
3873507.00	730.50	728.50	728.50	728.50	729.10
730.50	731.20	731.20	731.30		
3873457.00	730.90	728.50	728.50	728.60	729.30
730.90	731.50	731.70	731.70		
3873407.00	731.20	728.50	728.50	729.00	729.80
731.20	731.60	731.90	732.00		
3873357.00	731.30	728.80	729.10	729.60	730.30
731.30	731.80	732.00	732.40		
3873307.00	731.50	729.10	729.50	730.10	730.80
731.50	731.70	732.30	732.70		
3873257.00	731.70	729.40	730.00	730.60	731.20
731.70	731.70	732.40	732.90		
3873207.00	732.00	730.00	730.00	731.00	731.00
732.00	732.00	732.70	733.00		
3873157.00	732.00	730.00	730.40	731.00	731.00
732.00	732.00	732.90	733.80		
732.10	733.00	733.20	734.00		

▲ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*\*  
 \*\*\* 09/09/20  
 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*  
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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* NETWORK ID: DESERTL ; NETWORK TYPE: GRIDCART

\*\*\*

\* ELEVATION HEIGHTS IN METERS \*

Y-COORD (METERS)	X-COORD (METERS)				
	436300.40	436350.40	436400.40	436450.40	436500.40
436550.40	436600.40	436650.40	436700.40		

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3874157.00		728.50	728.50	728.90	730.00	731.00
731.10	730.90	731.40	731.60			
3874107.00		730.10	729.80	730.30	730.80	731.40
731.50	731.40	731.50	731.80			
3874057.00		731.50	731.30	731.30	731.30	731.50
731.80	731.80	731.90	732.20			
3874007.00		731.50	731.50	731.50	731.50	731.50
731.60	731.80	732.30	732.50			
3873957.00		731.20	731.50	731.50	731.70	731.70
731.70	732.00	732.50	732.80			
3873907.00		731.20	731.70	731.80	731.80	731.90
732.00	732.50	732.80	733.20			
3873857.00		731.20	731.70	731.90	732.10	732.10
732.50	732.70	733.20	733.50			
3873807.00		731.50	731.70	732.10	732.30	732.60
732.80	733.00	733.40	733.90			
3873757.00		731.50	731.80	732.20	732.40	732.70
732.90	733.40	733.60	734.20			
3873707.00		731.50	732.00	732.20	732.70	732.90
733.20	733.60	733.90	734.40			
3873657.00		731.50	732.00	732.20	732.70	733.00
733.40	733.80	734.10	734.40			
3873607.00		731.80	732.10	732.50	732.70	733.30
733.80	734.30	734.30	734.60			
3873557.00		731.80	732.10	732.50	733.00	733.30
733.80	734.30	734.60	734.70			
3873507.00		731.70	732.30	732.70	733.20	733.60
734.00	734.30	734.80	735.20			
3873457.00		732.20	732.70	732.90	733.40	733.70
734.10	734.30	734.80	735.30			
3873407.00		732.70	732.90	733.20	733.60	733.90



734.10	734.30	735.00	735.60			
3873357.00	732.90	733.30	733.60	733.80	734.10	
734.40	734.80	735.40	736.10			
3873307.00	733.40	733.60	733.80	734.10	734.50	
734.70	735.30	736.00	736.70			
3873257.00	734.00	734.00	734.40	735.00	735.00	
736.00	736.00	736.70	737.40			
3873207.00	734.00	734.40	735.00	735.00	735.90	
736.00	736.60	737.00	737.80			
3873157.00	734.00	735.00	735.10	736.00	736.00	
736.40	737.00	737.20	738.00			

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*** AERMOD - VERSION 19191 ***
***                               ***
***                               09/09/20
*** AERMET - VERSION 14134 ***
***                               ***
***                               21:51:13

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PAGE 21

\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\*\*\* NETWORK ID: DESERTL ; NETWORK TYPE: GRIDCART

\*\*\*

\* ELEVATION HEIGHTS IN METERS \*

Y-COORD				X-COORD (METERS)
(METERS)	436750.40	436800.40	436850.40	

3874157.00	732.10	732.00	732.10
3874107.00	732.10	732.30	732.60
3874057.00	732.50	732.70	732.90
3874007.00	732.70	733.00	733.30
3873957.00	733.00	733.30	733.60
3873907.00	733.40	733.70	733.80
3873857.00	733.90	734.00	734.20
3873807.00	734.10	734.40	734.50
3873757.00	734.60	734.70	734.90
3873707.00	734.60	735.10	735.20
3873657.00	734.60	735.10	735.40
3873607.00	734.90	735.20	735.60
3873557.00	735.20	735.70	735.90
3873507.00	735.50	735.90	736.30
3873457.00	735.90	736.40	736.80
3873407.00	736.40	736.90	737.10
3873357.00	736.90	737.40	737.60
3873307.00	737.40	737.50	737.60
3873257.00	738.00	738.00	738.00
3873207.00	738.00	738.00	738.00
3873157.00	738.00	738.00	738.00

\*\*\* AERMOD - VERSION 19191 \*\*\*  
 \*\*\* 09/09/20  
 \*\*\* AERMET - VERSION 14134 \*\*\*  
 \*\*\* 21:51:13

PAGE 22

\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\*\*\* NETWORK ID: DESERTL ; NETWORK TYPE: GRIDCART

\*\*\*

\* HILL HEIGHT SCALES IN METERS \*

Y-COORD (METERS)	X-COORD (METERS)				
	435850.40	435900.40	435950.40	436000.40	436050.40
436100.40	436150.40	436200.40	436250.40		

-----

3874157.00	731.80	729.80	728.90	728.50	728.50
728.50	728.50	728.50	728.60		
3874107.00	735.20	730.30	729.30	729.10	728.80
728.60	728.50	728.70	729.60		
3874057.00	735.20	728.60	729.10	729.10	729.10
728.90	729.00	729.90	731.20		
3874007.00	734.30	728.50	728.80	728.80	728.80
729.10	729.40	730.10	731.00		
3873957.00	734.30	728.50	728.50	728.50	728.50
728.80	729.40	730.20	730.80		
3873907.00	729.80	728.50	728.50	728.50	728.50
728.90	729.40	730.10	730.70		
3873857.00	728.50	728.50	728.50	728.50	728.50
728.60	729.40	730.10	730.70		
3873807.00	728.50	728.50	728.50	728.50	728.50
728.90	729.60	730.20	730.80		
3873757.00	728.50	728.50	728.50	728.60	728.70
729.20	729.80	730.30	731.00		
3873707.00	728.50	728.50	728.50	728.80	729.10
729.50	730.00	730.50	731.00		
3873657.00	728.50	728.50	728.50	728.70	729.30
729.80	730.30	730.70	731.20		
3873607.00	728.50	728.50	728.50	728.90	729.50
730.20	730.70	730.90	731.30		
3873557.00	728.50	728.50	728.50	729.10	729.80
730.50	731.20	731.20	731.30		
3873507.00	728.50	728.50	728.60	729.30	730.20
730.90	731.50	731.70	731.70		
3873457.00	728.50	728.50	729.00	729.80	730.60
731.20	731.60	731.90	732.00		
3873407.00	728.80	729.10	729.60	730.30	730.80

731.30	731.80	732.00	732.40			
3873357.00	729.10	729.50	730.10	730.80	731.20	
731.50	731.70	732.30	732.70			
3873307.00	729.40	730.00	730.60	731.20	731.70	
731.70	731.70	732.40	732.90			
3873257.00	730.00	730.00	731.00	731.00	732.00	
732.00	732.00	732.70	733.00			
3873207.00	730.00	730.40	731.00	731.00	731.90	
732.00	732.00	732.90	733.80			
3873157.00	730.00	731.00	731.00	731.30	732.00	
732.10	733.00	733.20	734.00			

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*** AERMOD - VERSION 19191 *** ***
***                               ***
***                               09/09/20
*** AERMET - VERSION 14134 *** ***
***                               ***
***                               21:51:13

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PAGE 23

\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\*\*\* NETWORK ID: DESERTL ; NETWORK TYPE: GRIDCART

\*\*\*

\* HILL HEIGHT SCALES IN METERS \*

Y-COORD (METERS)	X-COORD (METERS)					
	436300.40	436350.40	436400.40	436450.40	436500.40	
436550.40	436600.40	436650.40	436700.40			

3874157.00	728.50	728.50	728.90	730.00	731.00	
731.10	730.90	731.40	731.60			
3874107.00	730.10	729.80	730.30	730.80	731.40	
731.50	731.40	731.50	731.80			
3874057.00	731.50	731.30	731.30	731.30	731.50	
731.80	731.80	731.90	732.20			
3874007.00	731.50	731.50	731.50	731.50	731.50	
731.60	731.80	732.30	732.50			
3873957.00	731.20	731.50	731.50	731.70	731.70	
731.70	732.00	732.50	732.80			
3873907.00	731.20	731.70	731.80	731.80	731.90	
732.00	732.50	732.80	733.20			
3873857.00	731.20	731.70	731.90	732.10	732.10	
732.50	732.70	733.20	733.50			
3873807.00	731.50	731.70	732.10	732.30	732.60	
732.80	733.00	733.40	733.90			
3873757.00	731.50	731.80	732.20	732.40	732.70	
732.90	733.40	733.60	734.20			
3873707.00	731.50	732.00	732.20	732.70	732.90	
733.20	733.60	733.90	734.40			

3873657.00		731.50	732.00	732.20	732.70	733.00
733.40		733.80	734.10	734.40		
3873607.00		731.80	732.10	732.50	732.70	733.30
733.80		734.30	734.30	734.60		
3873557.00		731.80	732.10	732.50	733.00	733.30
733.80		734.30	734.60	734.70		
3873507.00		731.70	732.30	732.70	733.20	733.60
734.00		734.30	734.80	735.20		
3873457.00		732.20	732.70	732.90	733.40	733.70
734.10		734.30	734.80	735.30		
3873407.00		732.70	732.90	733.20	733.60	733.90
734.10		734.30	735.00	735.60		
3873357.00		732.90	733.30	733.60	733.80	734.10
734.40		734.80	735.40	736.10		
3873307.00		733.40	733.60	733.80	734.10	734.50
734.70		735.30	736.00	736.70		
3873257.00		734.00	734.00	734.40	735.00	735.00
736.00		736.00	736.70	737.40		
3873207.00		734.00	734.40	735.00	735.00	735.90
736.00		736.60	737.00	737.80		
3873157.00		734.00	735.00	735.10	736.00	736.00
736.40		737.00	737.20	738.00		

^ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*  
                                   \*\*\*          09/09/20  
 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*  
                                   \*\*\*          21:51:13

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* NETWORK ID: DESERTL ; NETWORK TYPE: GRIDCART

\*\*\*

\* HILL HEIGHT SCALES IN METERS \*

Y-COORD					X-COORD (METERS)
(METERS)		436750.40	436800.40	436850.40	

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3874157.00		732.10	732.00	732.10
3874107.00		732.10	732.30	732.60
3874057.00		732.50	732.70	732.90
3874007.00		732.70	733.00	733.30
3873957.00		733.00	733.30	733.60
3873907.00		733.40	733.70	733.80
3873857.00		733.90	734.00	734.20
3873807.00		734.10	734.40	734.50
3873757.00		734.60	734.70	734.90
3873707.00		734.60	735.10	735.20

3873657.00	734.60	735.10	735.40
3873607.00	734.90	735.20	735.60
3873557.00	735.20	735.70	735.90
3873507.00	735.50	735.90	736.30
3873457.00	735.90	736.40	736.80
3873407.00	736.40	736.90	737.10
3873357.00	736.90	737.40	737.60
3873307.00	737.40	737.50	737.60
3873257.00	738.00	738.00	738.00
3873207.00	738.00	738.00	738.00
3873157.00	738.00	738.00	738.00

\*\*\* AERMOD - VERSION 19191 \*\*\*  
 \*\*\* 09/09/20

\*\*\* AERMET - VERSION 14134 \*\*\*  
 \*\*\* 21:51:13

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\*\*\* NETWORK ID: DESERTL ; NETWORK TYPE: GRIDCART

\*\*\*

\* RECEPTOR FLAGPOLE HEIGHTS IN METERS \*

Y-COORD (METERS)	X-COORD (METERS)					
	435850.40	435900.40	435950.40	436000.40	436050.40	
436100.40	436150.40	436200.40	436250.40			

3874157.00	1.20	1.20	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20			
3874107.00	1.20	1.20	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20			
3874057.00	1.20	1.20	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20			
3874007.00	1.20	1.20	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20			
3873957.00	1.20	1.20	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20			
3873907.00	1.20	1.20	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20			
3873857.00	1.20	1.20	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20			
3873807.00	1.20	1.20	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20			
3873757.00	1.20	1.20	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20			
3873707.00	1.20	1.20	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20			

3873657.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3873607.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3873557.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3873507.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3873457.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3873407.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3873357.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3873307.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3873257.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3873207.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3873157.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		

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*** AERMOD - VERSION 19191 *** ***
***                               09/09/20
*** AERMET - VERSION 14134 *** ***
***                               21:51:13

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*** MODELOPTs:   RegDFault  CONC  ELEV  FLGPOL  RURAL

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*** NETWORK ID: DESERTL ; NETWORK TYPE: GRIDCART

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\* RECEPTOR FLAGPOLE HEIGHTS IN METERS \*

Y-COORD							
(METERS)		436300.40	436350.40	436400.40	436450.40	436500.40	
436550.40		436600.40	436650.40	436700.40			

-----

3874157.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3874107.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3874057.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3874007.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3873957.00		1.20	1.20	1.20	1.20	1.20	1.20

1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20
3873907.00	1.20	1.20	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20
3873857.00	1.20	1.20	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20
3873807.00	1.20	1.20	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20
3873757.00	1.20	1.20	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20
3873707.00	1.20	1.20	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20
3873657.00	1.20	1.20	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20
3873607.00	1.20	1.20	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20
3873557.00	1.20	1.20	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20
3873507.00	1.20	1.20	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20
3873457.00	1.20	1.20	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20
3873407.00	1.20	1.20	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20
3873357.00	1.20	1.20	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20
3873307.00	1.20	1.20	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20
3873257.00	1.20	1.20	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20
3873207.00	1.20	1.20	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20
3873157.00	1.20	1.20	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20

\*\*\* AERMOD - VERSION 19191 \*\*\*  
 \*\*\* 09/09/20

\*\*\* AERMET - VERSION 14134 \*\*\*  
 \*\*\* 21:51:13

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* NETWORK ID: DESERTL ; NETWORK TYPE: GRIDCART

\*\*\*

\* RECEPTOR FLAGPOLE HEIGHTS IN METERS \*

Y-COORD				X-COORD (METERS)
(METERS)	436750.40	436800.40	436850.40	

-----

3874157.00		1.20	1.20	1.20
3874107.00		1.20	1.20	1.20
3874057.00		1.20	1.20	1.20
3874007.00		1.20	1.20	1.20
3873957.00		1.20	1.20	1.20
3873907.00		1.20	1.20	1.20
3873857.00		1.20	1.20	1.20
3873807.00		1.20	1.20	1.20
3873757.00		1.20	1.20	1.20
3873707.00		1.20	1.20	1.20
3873657.00		1.20	1.20	1.20
3873607.00		1.20	1.20	1.20
3873557.00		1.20	1.20	1.20
3873507.00		1.20	1.20	1.20
3873457.00		1.20	1.20	1.20
3873407.00		1.20	1.20	1.20
3873357.00		1.20	1.20	1.20
3873307.00		1.20	1.20	1.20
3873257.00		1.20	1.20	1.20
3873207.00		1.20	1.20	1.20
3873157.00		1.20	1.20	1.20

\*\*\* AERMOD - VERSION 19191 \*\*\*  
 \*\*\* 09/09/20

\*\*\* AERMET - VERSION 14134 \*\*\*  
 \*\*\* 21:51:13

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
 (METERS)

( 439914.0, 3872794.0, 752.0, 752.0, 1.2);	( 436263.0,
3873356.0, 732.9, 732.9, 1.2);	
( 435903.0, 3873538.0, 728.5, 728.5, 1.2);	( 435899.0,
3873948.0, 728.5, 728.5, 1.2);	
( 433343.0, 3874839.0, 718.3, 718.3, 1.2);	( 433243.1,
3874835.0, 718.1, 718.1, 1.2);	
( 433143.2, 3874831.0, 717.9, 717.9, 1.2);	( 433043.3,
3874827.0, 717.5, 717.5, 1.2);	
( 432943.3, 3874823.0, 717.3, 717.3, 1.2);	( 432843.4,
3874819.0, 716.9, 716.9, 1.2);	
( 432809.0, 3874817.0, 716.9, 716.9, 1.2);	( 432808.5,
3874717.0, 716.7, 716.7, 1.2);	
( 432807.9, 3874617.0, 716.5, 716.5, 1.2);	( 432807.4,
3874517.0, 716.3, 716.3, 1.2);	
( 432807.0, 3874449.0, 716.1, 716.1, 1.2);	( 432707.0,
3874448.0, 716.3, 716.3, 1.2);	







YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O	LEN	Z0	BOWEN
ALBEDO	REF	WS	WD	HT	REF	TA	HT							
09	01	01	1	01	-7.2	0.093	-9.000	-9.000	-999.	68.	9.4	0.23	1.50	
1.00	1.76	301.		10.0	272.0	2.0								
09	01	01	1	02	-7.2	0.093	-9.000	-9.000	-999.	68.	9.4	0.23	1.50	
1.00	1.76	358.		10.0	271.4	2.0								
09	01	01	1	03	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.17	1.50	
1.00	0.00	0.		10.0	271.4	2.0								
09	01	01	1	04	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.17	1.50	
1.00	0.00	0.		10.0	270.9	2.0								
09	01	01	1	05	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.17	1.50	
1.00	0.00	0.		10.0	270.4	2.0								
09	01	01	1	06	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.17	1.50	
1.00	0.00	0.		10.0	269.9	2.0								
09	01	01	1	07	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.17	1.50	
1.00	0.00	0.		10.0	269.9	2.0								
09	01	01	1	08	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.17	1.50	
0.57	0.00	0.		10.0	272.0	2.0								
09	01	01	1	09	22.5	-9.000	-9.000	-9.000	55.	-999.	-99999.0	0.17	1.50	
0.33	0.00	0.		10.0	274.2	2.0								
09	01	01	1	10	79.0	-9.000	-9.000	-9.000	129.	-999.	-99999.0	0.17	1.50	
0.25	0.00	0.		10.0	277.0	2.0								
09	01	01	1	11	118.9	-9.000	-9.000	-9.000	218.	-999.	-99999.0	0.17	1.50	
0.22	0.00	0.		10.0	279.9	2.0								
09	01	01	1	12	138.4	0.200	1.096	0.009	319.	215.	-4.9	0.07	1.50	
0.22	1.76	116.		10.0	281.4	2.0								
09	01	01	1	13	137.1	0.194	1.208	0.008	430.	205.	-4.5	0.06	1.50	
0.22	1.76	173.		10.0	283.1	2.0								
09	01	01	1	14	115.2	-9.000	-9.000	-9.000	536.	-999.	-99999.0	0.17	1.50	
0.23	0.00	0.		10.0	285.4	2.0								
09	01	01	1	15	73.1	-9.000	-9.000	-9.000	625.	-999.	-99999.0	0.17	1.50	
0.26	0.00	0.		10.0	286.4	2.0								
09	01	01	1	16	14.8	-9.000	-9.000	-9.000	639.	-999.	-99999.0	0.17	1.50	
0.36	0.00	0.		10.0	286.1	2.0								
09	01	01	1	17	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.17	1.50	
0.64	0.00	0.		10.0	285.1	2.0								
09	01	01	1	18	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.17	1.50	
1.00	0.00	0.		10.0	280.1	2.0								
09	01	01	1	19	-10.7	0.116	-9.000	-9.000	-999.	94.	12.0	0.26	1.50	
1.00	2.10	284.		10.0	277.1	2.0								
09	01	01	1	20	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.17	1.50	
1.00	0.00	0.		10.0	276.1	2.0								
09	01	01	1	21	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.17	1.50	
1.00	0.00	0.		10.0	275.1	2.0								
09	01	01	1	22	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.17	1.50	
1.00	0.00	0.		10.0	276.1	2.0								
09	01	01	1	23	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.17	1.50	
1.00	0.00	0.		10.0	274.1	2.0								

09 01 01 1 24 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.17 1.50  
1.00 0.00 0. 10.0 272.1 2.0

First hour of profile data

YR MO DY HR HEIGHT F WDIR WSPD AMB\_TMP sigmaA sigmaW sigmaV  
09 01 01 01 10.0 1 301. 1.76 272.1 99.0 -99.00 -99.00

F indicates top of profile (=1) or below (=0)

\*\*\* AERMOD - VERSION 19191 \*\*\* \*\*

\*\*\* 09/09/20

\*\*\* AERMET - VERSION 14134 \*\*\* \*\*

\*\*\* 21:51:13

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: 1005 \*\*\*

INCLUDING SOURCE(S): 1005 ,

\*\*\* NETWORK ID: COURSE ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD (METERS)				X-COORD (METERS)	
433233.00	430733.00	431233.00	431733.00	432233.00	432733.00
433733.00	434233.00	434733.00			

3879761.00	0.05074	0.04513	0.05872	0.07693	0.07829
0.06862	0.05203	0.04500	0.03725		
3879261.00	0.05889	0.05955	0.06607	0.08774	0.08963
0.07907	0.05636	0.05320	0.04778		
3878761.00	0.06296	0.07351	0.08062	0.09816	0.10365
0.09273	0.07755	0.06119	0.05568		
3878261.00	0.06386	0.07801	0.09115	0.10963	0.12367
0.11172	0.09196	0.07163	0.06456		
3877761.00	0.06438	0.08107	0.10401	0.12477	0.14897
0.13661	0.11448	0.08716	0.08211		
3877261.00	0.06148	0.08491	0.11241	0.14537	0.18012
0.17331	0.15186	0.11177	0.10540		
3876761.00	0.05924	0.08357	0.12042	0.17050	0.22602
0.23407	0.20494	0.16089	0.14764		
3876261.00	0.06020	0.08122	0.12449	0.19628	0.29946
0.32909	0.30256	0.24800	0.21758		
3875761.00	0.08079	0.09149	0.12894	0.22581	0.41896

0.52875	0.53719	0.44163	0.36671		
3875261.00		0.10353	0.13441	0.17894	0.28939 0.70397
1.16522	1.34617	0.98805	0.58251		
3874761.00		0.10668	0.15649	0.24654	0.46367 2.16879
11.01606	11.34080	5.04888	0.69004		
3874261.00		0.12303	0.16537	0.25212	0.51083 6.95299
9.63542	10.31672	3.11643	0.59176		
3873761.00		0.07761	0.11118	0.18290	0.30844 0.49803
0.66250	0.66331	0.52028	0.34433		
3873261.00		0.08112	0.11391	0.14084	0.18060 0.20969
0.27007	0.24889	0.22806	0.17203		
3872761.00		0.07588	0.08072	0.09825	0.10939 0.12260
0.15222	0.15218	0.13576	0.09169		
3872261.00		0.05144	0.06075	0.07354	0.07719 0.07711
0.10050	0.10942	0.09839	0.06152		
3871761.00		0.04152	0.05303	0.05760	0.05406 0.05188
0.07352	0.08464	0.07758	0.04878		
3871261.00		0.03921	0.04571	0.04338	0.03819 0.03889
0.05649	0.06820	0.06453	0.04215		
3870761.00		0.03675	0.03650	0.03196	0.02879 0.03135
0.04470	0.05628	0.05522	0.03895		
3870261.00		0.03129	0.02806	0.02381	0.02342 0.02627
0.03641	0.04726	0.04815	0.03636		
3869761.00		0.02534	0.02123	0.01916	0.02003 0.02254
0.03029	0.04020	0.04239	0.03372		
3869261.00		0.01993	0.01675	0.01610	0.01779 0.01956
0.02559	0.03448	0.03761	0.03159		
3868761.00		0.01582	0.01399	0.01416	0.01587 0.01718
0.02203	0.02983	0.03371	0.02897		
3868261.00		0.01288	0.01220	0.01281	0.01438 0.01525
0.01923	0.02604	0.03072	0.02414		
3867761.00		0.01096	0.01092	0.01180	0.01306 0.01369
0.01695	0.02259	0.02713	0.01874		
3867261.00		0.00914	0.00968	0.01087	0.01186 0.01237
0.01464	0.01931	0.02138	0.01329		
3866761.00		0.00763	0.00847	0.00992	0.01092 0.01096
0.01256	0.01562	0.01422	0.00828		
3866261.00		0.00618	0.00759	0.00954	0.00995 0.00981
0.01052	0.01140	0.01012	0.00569		
3865761.00		0.00595	0.00750	0.00903	0.00916 0.00888
0.00864	0.00873	0.00677	0.00381		
3865261.00		0.00663	0.00742	0.00845	0.00844 0.00791
0.00703	0.00674	0.00533	0.00309		
3864761.00		0.00663	0.00713	0.00791	0.00773 0.00688
0.00605	0.00585	0.00456	0.00312		
*** AERMOD - VERSION 19191 ***					
*** 09/09/20					
*** AERMET - VERSION 14134 ***					
*** 21:51:13					

\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: 1005 \*\*\*

INCLUDING SOURCE(S): 1005 ,

\*\*\* NETWORK ID: COURSE ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD (METERS)	X-COORD (METERS)				
	435233.00	435733.00	436233.00	436733.00	437233.00
437733.00	438233.00	438733.00	439233.00		

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3879761.00	0.03509	0.03205	0.02916	0.02703	0.02661
0.02362	0.02128	0.01963	0.01883		
3879261.00	0.03951	0.03831	0.02519	0.02255	0.02189
0.02517	0.02297	0.02276	0.02167		
3878761.00	0.04622	0.03496	0.02859	0.02897	0.02729
0.02793	0.02822	0.02651	0.02414		
3878261.00	0.04694	0.04914	0.03678	0.04174	0.04662
0.04252	0.03476	0.03131	0.02750		
3877761.00	0.07634	0.07329	0.06080	0.05835	0.05092
0.04982	0.04078	0.03501	0.02758		
3877261.00	0.09916	0.09102	0.07765	0.06936	0.06573
0.05149	0.04202	0.03086	0.02229		
3876761.00	0.13711	0.11797	0.10133	0.08708	0.06381
0.04562	0.03357	0.02423	0.01896		
3876261.00	0.19507	0.15912	0.12369	0.08599	0.05423
0.03745	0.02815	0.02264	0.01869		
3875761.00	0.27192	0.18023	0.10861	0.06573	0.04498
0.03457	0.02765	0.02310	0.01947		
3875261.00	0.28892	0.14808	0.08816	0.06222	0.04788
0.03876	0.03178	0.02559	0.02093		
3874761.00	0.28123	0.16293	0.11015	0.08091	0.06242
0.04976	0.03878	0.02928	0.02105		
3874261.00	0.28051	0.16946	0.11742	0.08634	0.06755
0.05460	0.04492	0.03618	0.02623		
3873761.00	0.22358	0.13609	0.08849	0.06306	0.05030
0.04035	0.03337	0.02868	0.02519		
3873261.00	0.16130	0.13109	0.09311	0.06379	0.04525
0.03439	0.02880	0.02537	0.02182		
3872761.00	0.08874	0.08800	0.08048	0.06467	0.04947
0.03756	0.02692	0.02125	0.01880		
3872261.00	0.05150	0.05397	0.05386	0.05180	0.04218

0.03534	0.03248	0.02648	0.01872		
3871761.00		0.03842	0.03371	0.03473	0.03631 0.03544
0.02835	0.02259	0.02093	0.01960		
3871261.00		0.03019	0.02790	0.02476	0.02270 0.02407
0.02361	0.01911	0.01562	0.01290		
3870761.00		0.02496	0.02254	0.01995	0.01708 0.01183
0.01343	0.01328	0.01362	0.01181		
3870261.00		0.02277	0.01703	0.01736	0.01385 0.01149
0.00890	0.00916	0.00960	0.01091		
3869761.00		0.02076	0.01501	0.01271	0.01014 0.00857
0.00676	0.00601	0.00651	0.00760		
3869261.00		0.01802	0.01351	0.00864	0.00737 0.00567
0.00429	0.00436	0.00511	0.00505		
3868761.00		0.01546	0.01001	0.00704	0.00548 0.00430
0.00362	0.00357	0.00422	0.00427		
3868261.00		0.01234	0.00676	0.00544	0.00418 0.00338
0.00266	0.00260	0.00326	0.00375		
3867761.00		0.00977	0.00520	0.00384	0.00311 0.00263
0.00201	0.00231	0.00266	0.00317		
3867261.00		0.00715	0.00451	0.00302	0.00240 0.00169
0.00180	0.00207	0.00226	0.00257		
3866761.00		0.00475	0.00341	0.00252	0.00195 0.00146
0.00193	0.00221	0.00209	0.00208		
3866261.00		0.00363	0.00292	0.00226	0.00191 0.00167
0.00172	0.00207	0.00202	0.00186		
3865761.00		0.00287	0.00256	0.00231	0.00192 0.00167
0.00155	0.00184	0.00175	0.00180		
3865261.00		0.00272	0.00251	0.00234	0.00197 0.00168
0.00154	0.00167	0.00181	0.00163		
3864761.00		0.00262	0.00248	0.00234	0.00199 0.00170
0.00150	0.00151	0.00165	0.00157		

\*\*\* AERMOD - VERSION 19191 \*\*\*  
 \*\*\* 09/09/20  
 \*\*\* AERMET - VERSION 14134 \*\*\*  
 \*\*\* 21:51:13

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1005 \*\*\*

INCLUDING SOURCE(S): 1005 ,

\*\*\* NETWORK ID: COURSE ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD |

X-COORD (METERS)

(METERS)	439733.00	440233.00	440733.00	441233.00	441733.00
442233.00	442733.00	443233.00	443733.00		

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3879761.00	0.01810	0.01689	0.01555	0.01444	0.01341
0.01151	0.00958	0.00818	0.00778		
3879261.00	0.02009	0.01842	0.01700	0.01524	0.01325
0.01078	0.00887	0.00786	0.00691		
3878761.00	0.02248	0.02022	0.01745	0.01453	0.01180
0.00958	0.00795	0.00694	0.00644		
3878261.00	0.02386	0.01968	0.01542	0.01210	0.00991
0.00853	0.00762	0.00685	0.00648		
3877761.00	0.02109	0.01571	0.01232	0.01060	0.00953
0.00860	0.00781	0.00720	0.00682		
3877261.00	0.01679	0.01391	0.01195	0.01074	0.00981
0.00902	0.00844	0.00796	0.00751		
3876761.00	0.01588	0.01366	0.01244	0.01137	0.01046
0.00964	0.00885	0.00809	0.00739		
3876261.00	0.01632	0.01460	0.01307	0.01168	0.01041
0.00961	0.00897	0.00834	0.00787		
3875761.00	0.01751	0.01592	0.01421	0.01175	0.01070
0.01048	0.01009	0.00921	0.00853		
3875261.00	0.01797	0.01813	0.01615	0.01379	0.01207
0.01130	0.01057	0.00977	0.00913		
3874761.00	0.01747	0.02042	0.01850	0.01616	0.01420
0.01274	0.01154	0.01076	0.00973		
3874261.00	0.02620	0.02485	0.02154	0.01956	0.01742
0.01570	0.01428	0.01301	0.01180		
3873761.00	0.02255	0.02043	0.01857	0.01684	0.01538
0.01408	0.01304	0.01249	0.01190		
3873261.00	0.01837	0.01551	0.01356	0.01228	0.01134
0.01043	0.00953	0.00874	0.00810		
3872761.00	0.01670	0.01511	0.01346	0.01165	0.00980
0.00841	0.00768	0.00732	0.00706		
3872261.00	0.01336	0.01130	0.01069	0.01064	0.01014
0.00905	0.00833	0.00732	0.00624		
3871761.00	0.01695	0.01350	0.01010	0.00821	0.00723
0.00678	0.00669	0.00671	0.00658		
3871261.00	0.01431	0.01528	0.01373	0.01087	0.00846
0.00679	0.00561	0.00488	0.00458		
3870761.00	0.00882	0.00887	0.01058	0.01155	0.00991
0.00868	0.00678	0.00546	0.00472		
3870261.00	0.01106	0.00674	0.00604	0.00668	0.00728
0.00689	0.00703	0.00652	0.00551		
3869761.00	0.00902	0.00906	0.00593	0.00428	0.00393
0.00435	0.00444	0.00598	0.00567		
3869261.00	0.00571	0.00721	0.00650	0.00435	0.00330
0.00285	0.00288	0.00356	0.00409		
3868761.00	0.00420	0.00472	0.00565	0.00430	0.00300



0.00275	0.00254	0.00246	0.00244		
3868261.00		0.00382	0.00382	0.00393	0.00442 0.00406
0.00314	0.00270	0.00260	0.00240		
3867761.00		0.00339	0.00352	0.00336	0.00319 0.00356
0.00398	0.00359	0.00275	0.00274		
3867261.00		0.00292	0.00316	0.00319	0.00296 0.00270
0.00287	0.00343	0.00353	0.00287		
3866761.00		0.00241	0.00270	0.00282	0.00280 0.00263
0.00234	0.00237	0.00273	0.00287		
3866261.00		0.00190	0.00223	0.00248	0.00255 0.00254
0.00239	0.00210	0.00197	0.00225		
3865761.00		0.00164	0.00180	0.00212	0.00232 0.00234
0.00231	0.00220	0.00189	0.00171		
3865261.00		0.00152	0.00151	0.00174	0.00205 0.00220
0.00220	0.00214	0.00203	0.00177		
3864761.00		0.00151	0.00140	0.00147	0.00171 0.00199
0.00210	0.00205	0.00201	0.00191		

\*\*\* AERMOD - VERSION 19191 \*\*\*  
 \*\*\* 09/09/20  
 \*\*\* AERMET - VERSION 14134 \*\*\*  
 \*\*\* 21:51:13

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

VALUES FOR SOURCE GROUP: 1005  
 \*\*\* THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION  
 \*\*\*

INCLUDING SOURCE(S): 1005 ,

\*\*\* NETWORK ID: COURSE ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD					X-COORD (METERS)
(METERS)		444233.00	444733.00	445233.00	445733.00

3879761.00		0.00677	0.00604	0.00542	0.00499
3879261.00		0.00610	0.00559	0.00526	0.00501
3878761.00		0.00596	0.00561	0.00531	0.00506
3878261.00		0.00604	0.00577	0.00556	0.00543
3877761.00		0.00656	0.00638	0.00615	0.00588
3877261.00		0.00705	0.00660	0.00612	0.00567
3876761.00		0.00681	0.00636	0.00596	0.00568
3876261.00		0.00752	0.00724	0.00671	0.00649
3875761.00		0.00786	0.00705	0.00646	0.00611
3875261.00		0.00837	0.00793	0.00734	0.00692

3874761.00	0.00885	0.00829	0.00772	0.00707
3874261.00	0.01080	0.00999	0.00918	0.00840
3873761.00	0.01129	0.01087	0.01056	0.01012
3873261.00	0.00743	0.00683	0.00648	0.00619
3872761.00	0.00683	0.00659	0.00642	0.00628
3872261.00	0.00536	0.00490	0.00476	0.00475
3871761.00	0.00604	0.00584	0.00547	0.00483
3871261.00	0.00448	0.00478	0.00523	0.00550
3870761.00	0.00414	0.00371	0.00355	0.00352
3870261.00	0.00479	0.00420	0.00362	0.00327
3869761.00	0.00559	0.00443	0.00355	0.00354
3869261.00	0.00489	0.00495	0.00406	0.00383
3868761.00	0.00329	0.00380	0.00370	0.00411
3868261.00	0.00226	0.00219	0.00238	0.00264
3867761.00	0.00239	0.00200	0.00170	0.00167
3867261.00	0.00256	0.00222	0.00187	0.00161
3866761.00	0.00269	0.00231	0.00201	0.00179
3866261.00	0.00248	0.00231	0.00198	0.00181
3865761.00	0.00185	0.00200	0.00197	0.00173
3865261.00	0.00154	0.00153	0.00166	0.00168
3864761.00	0.00166	0.00137	0.00126	0.00132

\*\*\* AERMOD - VERSION 19191 \*\*\*  
 \*\*\* 09/09/20

\*\*\* AERMET - VERSION 14134 \*\*\*  
 \*\*\* 21:51:13

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1005  
 INCLUDING SOURCE(S): 1005 ,

\*\*\* NETWORK ID: DESERTL ; NETWORK TYPE:  
 GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

Y-COORD (METERS)	X-COORD (METERS)				
436100.40	435850.40	435900.40	435950.40	436000.40	436050.40

3874157.00	0.14215	0.13932	0.13525	0.13093	0.12655
0.12239	0.11844	0.11468	0.11105		
3874107.00	0.13861	0.13464	0.13088	0.12663	0.12268
0.11887	0.11519	0.11153	0.10765		
3874057.00	0.13685	0.13169	0.12664	0.12234	0.11833

0.11470	0.11110	0.10722	0.10325		
3874007.00	0.13231	0.12731	0.12240	0.11811	0.11414
0.11025	0.10663	0.10299	0.09942		
3873957.00	0.12596	0.12340	0.11869	0.11433	0.11030
0.10636	0.10250	0.09878	0.09545		
3873907.00	0.12417	0.12051	0.11575	0.11130	0.10717
0.10302	0.09911	0.09536	0.09195		
3873857.00	0.12377	0.11873	0.11395	0.10944	0.10520
0.10115	0.09686	0.09294	0.08939		
3873807.00	0.12283	0.11784	0.11309	0.10857	0.10427
0.09991	0.09556	0.09157	0.08785		
3873757.00	0.12253	0.11758	0.11287	0.10830	0.10394
0.09946	0.09513	0.09111	0.08717		
3873707.00	0.12264	0.11771	0.11305	0.10835	0.10387
0.09951	0.09526	0.09120	0.08734		
3873657.00	0.12301	0.11808	0.11343	0.10886	0.10417
0.09979	0.09559	0.09164	0.08777		
3873607.00	0.12362	0.11863	0.11395	0.10919	0.10452
0.10000	0.09587	0.09219	0.08846		
3873557.00	0.12444	0.11939	0.11465	0.10962	0.10481
0.10028	0.09599	0.09259	0.08922		
3873507.00	0.12540	0.12035	0.11544	0.11022	0.10509
0.10049	0.09627	0.09272	0.08953		
3873457.00	0.12629	0.12136	0.11604	0.11064	0.10551
0.10091	0.09684	0.09314	0.08987		
3873407.00	0.12648	0.12148	0.11633	0.11107	0.10628
0.10172	0.09744	0.09378	0.09013		
3873357.00	0.12606	0.12136	0.11639	0.11131	0.10675
0.10248	0.09853	0.09431	0.09059		
3873307.00	0.12489	0.12043	0.11588	0.11128	0.10683
0.10314	0.09953	0.09516	0.09125		
3873257.00	0.12256	0.11949	0.11483	0.11156	0.10674
0.10337	0.09997	0.09570	0.09208		
3873207.00	0.12057	0.11735	0.11373	0.11093	0.10668
0.10354	0.10047	0.09613	0.09182		
3873157.00	0.11825	0.11440	0.11211	0.10926	0.10571
0.10300	0.09900	0.09600	0.09208		

\*\*\* AERMOD - VERSION 19191 \*\*\* \*\*  
 \*\*\* 09/09/20

\*\*\* AERMET - VERSION 14134 \*\*\* \*\*  
 \*\*\* 21:51:13

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1005 \*\*\*

INCLUDING SOURCE(S): 1005 ,

\*\*\* NETWORK ID: DESERTL ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD (METERS)	436300.40	436350.40	436400.40	436450.40	436500.40
436550.40	436600.40	436650.40	436700.40		

3874157.00	0.10769	0.10443	0.10113	0.09763	0.09428
0.09158	0.08917	0.08650	0.08411		
3874107.00	0.10417	0.10128	0.09808	0.09502	0.09202
0.08943	0.08705	0.08466	0.08228		
3874057.00	0.10010	0.09741	0.09470	0.09210	0.08950
0.08694	0.08463	0.08237	0.08009		
3874007.00	0.09630	0.09367	0.09115	0.08874	0.08642
0.08413	0.08188	0.07956	0.07747		
3873957.00	0.09248	0.08975	0.08737	0.08498	0.08282
0.08075	0.07860	0.07642	0.07442		
3873907.00	0.08887	0.08601	0.08361	0.08142	0.07929
0.07726	0.07510	0.07315	0.07121		
3873857.00	0.08618	0.08321	0.08068	0.07833	0.07627
0.07409	0.07215	0.07014	0.06834		
3873807.00	0.08431	0.08141	0.07860	0.07615	0.07381
0.07171	0.06976	0.06781	0.06592		
3873757.00	0.08363	0.08048	0.07749	0.07486	0.07238
0.07016	0.06793	0.06604	0.06406		
3873707.00	0.08368	0.08023	0.07722	0.07420	0.07161
0.06916	0.06684	0.06476	0.06273		
3873657.00	0.08423	0.08069	0.07757	0.07440	0.07156
0.06886	0.06635	0.06410	0.06203		
3873607.00	0.08478	0.08141	0.07809	0.07508	0.07191
0.06898	0.06624	0.06402	0.06176		
3873557.00	0.08562	0.08231	0.07902	0.07578	0.07281
0.06981	0.06695	0.06439	0.06211		
3873507.00	0.08646	0.08296	0.07976	0.07657	0.07357
0.07066	0.06793	0.06516	0.06259		
3873457.00	0.08666	0.08331	0.08037	0.07726	0.07441
0.07157	0.06896	0.06620	0.06354		
3873407.00	0.08681	0.08377	0.08078	0.07781	0.07504
0.07244	0.06990	0.06703	0.06432		
3873357.00	0.08732	0.08403	0.08104	0.07829	0.07556
0.07293	0.07029	0.06756	0.06482		
3873307.00	0.08757	0.08446	0.08153	0.07866	0.07583
0.07333	0.07055	0.06777	0.06507		
3873257.00	0.08771	0.08484	0.08163	0.07838	0.07599
0.07264	0.07051	0.06774	0.06508		
3873207.00	0.08860	0.08522	0.08174	0.07918	0.07569

0.07332      0.07052      0.06807      0.06530  
3873157.00 |      0.08933      0.08522      0.08246      0.07874      0.07637  
0.07361      0.07076      0.06853      0.06573

\*\*\* AERMOD - VERSION 19191 \*\*\*      \*\*\*

\*\*\*      09/09/20

\*\*\* AERMET - VERSION 14134 \*\*\*      \*\*\*

\*\*\*      21:51:13

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\*\*\* MODELOPTs:      RegDEFAULT      CONC      ELEV      FLGPOL      RURAL

VALUES FOR SOURCE GROUP: 1005      \*\*\* THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION  
\*\*\*

INCLUDING SOURCE(S):      1005      ,

\*\*\* NETWORK ID: DESERTL ;      NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER      IN MICROGRAMS/M\*\*3

\*\*

Y-COORD |      X-COORD (METERS)  
(METERS) |      436750.40      436800.40      436850.40

-----  
-----  
3874157.00 |      0.08168      0.07967      0.07765  
3874107.00 |      0.08001      0.07788      0.07580  
3874057.00 |      0.07790      0.07585      0.07388  
3874007.00 |      0.07546      0.07346      0.07154  
3873957.00 |      0.07255      0.07068      0.06888  
3873907.00 |      0.06946      0.06771      0.06612  
3873857.00 |      0.06656      0.06501      0.06346  
3873807.00 |      0.06429      0.06268      0.06125  
3873757.00 |      0.06232      0.06083      0.05938  
3873707.00 |      0.06103      0.05929      0.05787  
3873657.00 |      0.06018      0.05832      0.05671  
3873607.00 |      0.05968      0.05777      0.05595  
3873557.00 |      0.05972      0.05750      0.05564  
3873507.00 |      0.06022      0.05792      0.05576  
3873457.00 |      0.06090      0.05846      0.05620  
3873407.00 |      0.06154      0.05909      0.05695  
3873357.00 |      0.06208      0.05967      0.05756  
3873307.00 |      0.06246      0.06045      0.05847  
3873257.00 |      0.06261      0.06077      0.05896  
3873207.00 |      0.06326      0.06147      0.05971  
3873157.00 |      0.06392      0.06216      0.06043

\*\*\* AERMOD - VERSION 19191 \*\*\*      \*\*\*

\*\*\*      09/09/20

\*\*\* AERMET - VERSION 14134 \*\*\*      \*\*\*

\*\*\* 21:51:13

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: 1005 \*\*\*

INCLUDING SOURCE(S): 1005 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)
Y-COORD (M)	CONC		
439914.00	3872794.00	0.01630	436263.00
3873356.00	0.08962		
435903.00	3873538.00	0.11952	435899.00
3873948.00	0.12297		
433343.00	3874839.00	8.95156	433243.10
3874835.00	8.83545		
433143.20	3874831.00	8.61746	433043.30
3874827.00	8.24933		
432943.30	3874823.00	7.60901	432843.40
3874819.00	5.87939		
432809.00	3874817.00	4.14018	432808.50
3874717.00	5.24392		
432807.90	3874617.00	5.56240	432807.40
3874517.00	6.17942		
432807.00	3874449.00	8.19852	432707.00
3874448.00	5.67570		
432675.00	3874448.00	3.96929	432675.30
3874348.00	4.51640		
432675.70	3874248.00	4.11029	432676.00
3874164.00	2.59052		
432754.00	3874129.00	2.82864	432853.50
3874119.00	3.31805		
432953.00	3874109.00	3.49007	432999.00
3874104.00	3.46851		
433099.00	3874105.00	3.78057	433199.00
3874105.00	3.91941		
433299.00	3874106.00	4.06862	433399.00
3874106.00	4.07365		
433499.00	3874107.00	4.14350	433599.00
3874107.00	4.16527		
433699.00	3874108.00	4.21220	433799.00

3874108.00	4.11980			
	433899.00	3874109.00	4.04804	433999.00
3874109.00	3.82398			
	434099.00	3874110.00	3.50225	434169.00
3874110.00	2.61009			
	434176.00	3874210.00	5.78992	434183.00
3874310.00	6.66730			
	434190.00	3874409.00	7.13333	434197.00
3874509.00	7.34020			
	434204.00	3874609.00	7.54797	434211.00
3874709.00	7.23368			
	434217.90	3874808.00	5.80585	434218.00
3874809.00	5.73876			
	434118.10	3874813.00	8.39101	434018.10
3874816.00	8.98109			
	433918.20	3874819.00	9.27473	433818.20
3874823.00	9.21577			
	433718.30	3874826.00	9.30808	433618.30
3874830.00	9.23439			
	433518.40	3874833.00	9.24867	433418.50
3874837.00	9.10148			

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*** AERMOD - VERSION 19191 ***
***                               ***
***                               09/09/20
*** AERMET - VERSION 14134 ***
***                               ***
***                               21:51:13

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: 1005 ***
INCLUDING SOURCE(S): 1005 ,

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*** NETWORK ID: COURSE ; NETWORK TYPE:
GRIDCART ***

```

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD			X-COORD (METERS)
(METERS)	430733.00	431233.00	431733.00
	432233.00	432733.00	

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-----
3879761.0 | 65.31478 (13123017) 17.14476 (10012717) 47.11568 (12032707)
78.33494 (13010917) 78.78979 (09121717)
3879261.0 | 111.64450 (13123017) 56.61133 (13110817) 63.26617 (12032707)
87.75258 (09102117) 91.50360 (09121717)
3878761.0 | 129.65992 (12110107) 120.73973 (13123017) 109.48162 (09122317)

```

97.07527	(12032707)	103.65516	(13010917)		
3878261.0	145.31019	(09012607)	132.80541	(13123017)	122.38446 (13123017)
123.30956	(13110817)	118.79687	(13010917)		
3877761.0	155.88844	(09012607)	155.49609	(09012607)	149.75041 (13123017)
144.14909	(09122317)	135.70415	(13010917)		
3877261.0	163.00832	(11112117)	182.33233	(09012607)	175.19068 (12110107)
167.15481	(13123017)	156.18222	(13110817)		
3876761.0	205.04531	(11112117)	197.28089	(11112117)	211.13347 (09012607)
201.68272	(13123017)	186.43656	(09122317)		
3876261.0	248.58149	(13120417)	238.34220	(11112117)	244.52124 (11112117)
249.09076	(09012607)	233.72864	(13123017)		
3875761.0	243.56479	(13121208)	270.50805	(12013117)	318.38152 (13120417)
316.10144	(11112117)	306.78847	(09012607)		
3875261.0	295.63450	(12121907)	317.57804	(12121907)	377.22886 (13121208)
468.35879	(13120417)	452.53904	(11112117)		
3874761.0	269.83864	(13121007)	314.04748	(13121007)	381.73777 (13121007)
533.86777	(12121907)	814.91642	(12121907)		
3874261.0	284.26987	(11122207)	343.68249	(11122207)	445.98607 (09113007)
594.77040	(09113007)	816.27751	(09113007)		
3873761.0	249.38545	(09112517)	245.52621	(09112517)	300.40329 (10102007)
343.41129	(10102007)	335.42308	(09010207)		
3873261.0	177.91813	(12011217)	201.96071	(12112717)	199.06855 (09013007)
192.98676	(09010507)	231.80968	(09010207)		
3872761.0	149.15561	(12112717)	156.88512	(09013007)	152.84505 (09010507)
181.45541	(09010207)	181.60759	(09010207)		
3872261.0	126.01206	(09013007)	124.19928	(09010507)	127.53668 (09010207)
154.60998	(09010207)	131.97503	(09010207)		
3871761.0	103.03064	(09010507)	107.89645	(09123117)	132.52962 (09010207)
128.17856	(09010207)	100.65727	(13020407)		
3871261.0	94.49597	(09123117)	99.89355	(09010207)	119.27615 (09010207)
89.51471	(09010207)	91.22226	(13020407)		
3870761.0	84.25106	(13010208)	104.64112	(09010207)	98.86252 (09010207)
78.36327	(10101507)	83.47990	(13020407)		
3870261.0	82.65587	(09010207)	95.57039	(09010207)	71.72848 (09030207)
72.98665	(10101507)	76.89514	(13020407)		
3869761.0	86.70806	(09010207)	76.65159	(09010207)	55.62084 (10101507)
67.48751	(10101507)	71.74182	(13020407)		
3869261.0	78.99953	(09010207)	60.83181	(09030207)	57.60685 (10101507)
62.30721	(10101507)	67.23787	(13020407)		
3868761.0	63.37133	(09010207)	44.78260	(09030207)	57.34051 (10101507)
54.72564	(10101507)	63.40447	(13020407)		
3868261.0	53.91901	(09030207)	38.28588	(10101507)	55.44376 (10101507)
47.67877	(13020407)	59.70196	(13020407)		
3867761.0	40.45518	(09030207)	43.15775	(10101507)	52.21799 (10101507)
47.79915	(13020407)	56.08728	(13020407)		
3867261.0	36.38392	(13013007)	48.79097	(10101507)	49.55960 (10101507)
47.37890	(13020407)	52.28576	(13020407)		
3866761.0	27.77691	(13013007)	44.88568	(10101507)	43.29065 (10101507)
50.28614	(13020407)	50.85013	(13020407)		
3866261.0	20.67617	(10101507)	37.62206	(10101507)	38.93127 (10101507)



48.91249 (13020407)	47.67671 (13020407)		
3865761.0   25.07884 (10101507)	40.17283 (10101507)	30.54200 (10101507)	
47.32119 (13020407)	43.66672 (13020407)		
3865261.0   39.29053 (10101507)	41.43410 (10101507)	30.50781 (13020407)	
44.24079 (13020407)	37.74011 (13020407)		
3864761.0   40.45133 (10101507)	36.28834 (10101507)	33.12093 (13020407)	
39.57724 (13020407)	29.23512 (13020407)		

\*\*\* AERMOD - VERSION 19191 \*\*\*  
 \*\*\* 09/09/20

\*\*\* AERMET - VERSION 14134 \*\*\*  
 \*\*\* 21:51:13

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1005  
 INCLUDING SOURCE(S): 1005 ,

\*\*\* NETWORK ID: COURSE ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD			X-COORD (METERS)
(METERS)	433233.00	433733.00	434233.00
434733.00	435233.00		

3879761.0	73.57860 (11112407)	59.84719 (12111517)	58.42446 (09021007)
43.12225 (09122808)	57.97854 (12012417)		
3879261.0	83.50001 (11112407)	52.49472 (12111517)	70.60203 (09021007)
65.63255 (09122808)	64.12508 (12012417)		
3878761.0	96.69690 (11112407)	89.67728 (12111517)	76.59123 (10022507)
75.94778 (09122808)	65.54413 (12012417)		
3878261.0	115.38624 (11112407)	96.28133 (11112407)	85.25692 (10022507)
82.03024 (09122808)	41.49192 (10102517)		
3877761.0	133.18546 (11112407)	111.03332 (11112407)	97.38246 (09122808)
95.22202 (09122808)	104.23549 (11122017)		
3877261.0	152.02854 (11112407)	138.18237 (11112407)	110.51478 (09122808)
113.39952 (11110817)	116.83775 (12122708)		
3876761.0	180.49007 (11112407)	164.06688 (11112407)	133.41332 (11110817)
142.76139 (11122017)	147.63098 (12011107)		
3876261.0	212.05519 (11112407)	196.75633 (11112407)	169.78122 (11122017)
174.01211 (12011107)	176.45965 (12111417)		
3875761.0	269.39700 (09122317)	243.04955 (11112407)	222.55980 (09111717)
227.37379 (12111417)	231.90077 (13010717)		
3875261.0	416.51573 (09012607)	370.18868 (11112407)	340.16001 (12111417)

330.54248	(13103117)	269.51815	(09110217)		
3874761.0	767.42986	(12013117)	672.04132	(09110217)	713.71036 (09110217)
336.61082	(13121217)	262.34225	(13121217)		
3874261.0	624.09054	(09113007)	549.16117	(13111317)	600.33325 (09012907)
356.70303	(09012907)	272.00465	(09012907)		
3873761.0	340.13192	(09010207)	293.98409	(13120607)	314.54962 (13020507)
310.89780	(13111317)	238.44285	(09010807)		
3873261.0	220.58224	(09010207)	191.55359	(12112107)	203.18400 (13120607)
211.70064	(13022207)	211.82230	(09120207)		
3872761.0	144.29233	(13020407)	150.68679	(10020307)	151.75253 (12112107)
160.50185	(13120607)	158.56839	(13022207)		
3872261.0	121.45359	(13020407)	126.84070	(10020307)	128.19546 (12112107)
122.80025	(13120607)	128.64000	(10021507)		
3871761.0	105.90607	(13020407)	110.26525	(10020807)	111.36460 (12112007)
106.79660	(12112107)	109.45437	(13120607)		
3871261.0	94.22707	(13020407)	97.11378	(10020807)	98.37715 (12112007)
97.55752	(12112107)	90.41593	(09103017)		
3870761.0	84.50516	(13020407)	86.03617	(10010408)	89.41492 (10020307)
89.35561	(12112107)	83.30613	(09103017)		
3870261.0	76.04264	(13020407)	78.93294	(10010408)	82.22564 (10020307)
82.20154	(12112007)	76.64536	(12112107)		
3869761.0	67.74355	(13020407)	73.07441	(10010408)	75.92618 (10020807)
75.46201	(12112007)	73.94728	(12112107)		
3869261.0	59.34971	(13020407)	68.04978	(10010408)	70.32984 (10020807)
69.33983	(12112007)	66.33254	(12112107)		
3868761.0	53.62179	(10010408)	63.78768	(10010408)	65.03817 (10020807)
63.61426	(10020307)	53.13392	(12112107)		
3868261.0	49.17800	(10010408)	60.16599	(10010408)	60.91488 (10020807)
52.30960	(10020307)	33.97163	(09021307)		
3867761.0	45.20611	(10010408)	57.39688	(10010408)	53.97222 (10020807)
38.49880	(10020307)	23.19628	(09021307)		
3867261.0	44.51503	(10010408)	52.81690	(10010408)	40.82859 (11102707)
25.28372	(12102517)	14.24646	(09021307)		
3866761.0	42.30450	(10010408)	43.62735	(10010408)	25.95612 (13020708)
13.32130	(13020708)	8.76189	(11121307)		
3866261.0	36.90963	(10010408)	28.55916	(10010408)	17.44329 (13020708)
7.66316	(13020708)	6.71580	(11121307)		
3865761.0	29.29107	(10010408)	19.07007	(10010408)	9.96239 (13020708)
5.68500	(09112309)	5.23439	(09092508)		
3865261.0	21.10790	(10010408)	11.82529	(10010408)	7.91392 (11121217)
5.40347	(09112309)	5.13892	(09092508)		
3864761.0	16.32109	(10010408)	9.64041	(10010408)	7.19923 (11121217)
5.14241	(09112309)	5.22403	(09112309)		

▲ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*  
 \*\*\* 09/09/20  
 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*  
 \*\*\* 21:51:13

VALUES FOR SOURCE GROUP: 1005 \*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 INCLUDING SOURCE(S): 1005 ,

GRIDCART \*\*\* \*\* NETWORK ID: COURSE ; NETWORK TYPE:

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

Y-COORD | X-COORD (METERS)  
 (METERS) | 435733.00 436233.00 436733.00  
 437233.00 437733.00

3879761.0	49.63181 (10102517)	35.67897 (10102517)	31.97760 (11122017)
38.21918 (12122708)	33.18280 (09111717)		
3879261.0	61.51456 (11110817)	17.03639 (10012708)	13.22678 (12021408)
13.58138 (10012817)	27.81959 (12011107)		
3878761.0	29.21364 (12013017)	17.08052 (10012708)	16.40037 (10012817)
18.88147 (10012817)	18.53985 (12111417)		
3878261.0	50.60348 (11122017)	18.12254 (13121817)	55.49368 (12011107)
103.39461 (12011107)	108.24991 (12111417)		
3877761.0	98.50443 (12122708)	88.03768 (12011107)	94.76288 (12011107)
90.75314 (12111417)	79.11848 (13010717)		
3877261.0	119.10395 (12011107)	108.34028 (12111417)	104.13029 (12111417)
112.64807 (13010717)	66.79742 (13103117)		
3876761.0	141.56752 (12111417)	130.50791 (12111417)	124.31494 (13010717)
88.96328 (13103117)	84.20910 (09110217)		
3876261.0	171.78626 (13010717)	161.34892 (13103117)	154.62324 (09110217)
108.19047 (09110217)	65.82961 (09030307)		
3875761.0	220.62051 (13103117)	177.50070 (09110217)	99.60678 (09030307)
80.58588 (09030307)	50.02833 (09030307)		
3875261.0	138.71699 (09030307)	90.79241 (09030307)	58.75824 (09011407)
70.88702 (09011407)	76.78107 (09011407)		
3874761.0	219.78724 (13121217)	188.77191 (13121217)	166.97725 (13121217)
150.03918 (13121217)	136.06878 (13121217)		
3874261.0	220.44515 (09012907)	191.70852 (09012907)	164.82231 (09012907)
147.52623 (09012907)	133.61966 (09012907)		
3873761.0	206.88772 (12022307)	176.34449 (12022307)	139.13590 (10012908)
129.90145 (12112617)	122.14665 (12112617)		
3873261.0	184.70483 (13111317)	156.80185 (09010807)	112.65473 (11121207)
107.15194 (12022307)	112.87360 (12022307)		
3872761.0	149.22030 (12110707)	132.25233 (10031507)	116.22414 (13021307)
98.69948 (09010807)	86.06440 (11121207)		
3872261.0	121.97827 (13022207)	113.40254 (13020507)	100.69160 (09120207)
86.64144 (13111317)	73.33738 (13021307)		
3871761.0	105.08540 (10021507)	96.78651 (13022207)	86.70771 (13020507)

76.20021 (10012608)	64.31371 (10031507)		
3871261.0   92.56437 (13120607)	87.14543 (10021507)	77.24390 (13022207)	
60.21584 (13020507)	51.09185 (13012117)		
3870761.0   72.88300 (13120607)	74.79245 (13120607)	57.73279 (10021507)	
32.15784 (13022207)	27.23739 (13020507)		
3870261.0   71.28146 (09103017)	63.63267 (13120607)	51.69144 (09010608)	
32.77258 (10021507)	24.82152 (13022207)		
3869761.0   64.03290 (09103017)	46.18340 (09103017)	33.04093 (13120607)	
24.65194 (09010608)	15.29003 (09020508)		
3869261.0   50.78268 (09103017)	33.94500 (09103017)	15.46652 (12111317)	
11.91058 (09010608)	8.63841 (09020508)		
3868761.0   34.53235 (12120608)	22.34742 (09103017)	12.99334 (12011117)	
9.98302 (13030807)	5.17087 (11121308)		
3868261.0   20.71219 (12120608)	13.00490 (09103017)	9.60345 (12011117)	
9.00732 (10040707)	5.21181 (10040707)		
3867761.0   12.44606 (12120608)	8.79039 (09021608)	7.00307 (12011009)	
8.78909 (10040707)	3.80497 (10040707)		
3867261.0   8.91812 (10021208)	8.55486 (09021608)	7.30784 (12011009)	
3.63529 (10040707)	4.32630 (10040707)		
3866761.0   6.71932 (10021208)	7.00331 (09021608)	6.86988 (12011009)	
3.18515 (12011009)	7.20939 (10110208)		
3866261.0   5.71146 (13071707)	6.54083 (11102708)	5.93361 (12011009)	
6.88514 (12011009)	6.50380 (10110208)		
3865761.0   5.51439 (13071707)	6.44982 (11102708)	5.41028 (11102708)	
6.73435 (12011009)	5.93154 (12011009)		
3865261.0   5.23518 (13071707)	6.05606 (11102708)	5.96893 (11102708)	
6.01789 (12011009)	6.55723 (12011009)		
3864761.0   4.84791 (13071707)	5.42923 (11102708)	6.20219 (11102708)	
5.59139 (09021608)	6.56827 (12011009)		

\*\*\* AERMOD - VERSION 19191 \*\*\* \*\*  
 \*\*\* \*\* 09/09/20  
 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*  
 \*\*\* \*\* 21:51:13

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1005 \*\*\*  
 INCLUDING SOURCE(S): 1005 ,

\*\*\* NETWORK ID: COURSE ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD			X-COORD (METERS)
(METERS)	438233.00	438733.00	439233.00
	439733.00	440233.00	

3879761.0	26.47226 (12011107)	16.30160 (12011107)	19.72390 (12110217)
19.99506 (11100607)	16.99834 (11100607)		
3879261.0	16.58566 (12031307)	25.95922 (12111417)	26.30686 (11100607)
20.33566 (11100607)	15.03003 (12121307)		
3878761.0	35.40077 (12111417)	33.67203 (11100607)	22.15182 (13010717)
20.57865 (12121307)	18.57940 (13103117)		
3878261.0	50.35721 (11100607)	39.13205 (13010717)	27.71979 (09012707)
31.09382 (13103117)	28.62999 (09110217)		
3877761.0	55.68998 (13010717)	54.53851 (13103117)	43.16344 (09110217)
43.97159 (09110217)	23.78965 (09110217)		
3877261.0	74.87419 (13103117)	73.12422 (09110217)	48.49871 (09110217)
17.96108 (09030307)	27.20417 (09030307)		
3876761.0	79.80973 (09110217)	38.73480 (09030307)	43.10342 (09030307)
33.29561 (09030307)	16.88633 (09030307)		
3876261.0	67.32370 (09030307)	45.56231 (09030307)	18.22596 (09113017)
18.21435 (09113017)	17.71048 (12012517)		
3875761.0	24.84744 (12012517)	23.93494 (12012517)	19.82981 (12012517)
18.63324 (13121808)	24.73122 (09011407)		
3875261.0	69.54448 (09011407)	47.02702 (09011407)	31.01979 (09011407)
26.10469 (09011407)	47.23048 (09011407)		
3874761.0	108.56634 (13121217)	70.72641 (13121217)	27.51934 (13121217)
20.02880 (09111617)	74.75832 (09111617)		
3874261.0	119.69549 (09012907)	95.88613 (09012907)	49.90763 (13010417)
71.47390 (09012907)	78.78996 (09012907)		
3873761.0	116.64103 (12112617)	108.84112 (12112617)	95.45997 (12112617)
80.69954 (12112617)	65.77865 (12112617)		
3873261.0	102.54314 (12022307)	93.03873 (10012908)	72.92607 (10012908)
53.45103 (12112617)	61.59079 (12112617)		
3872761.0	57.94065 (12112207)	59.22630 (12022307)	73.69436 (12022307)
69.76919 (12022307)	64.97491 (10012908)		
3872261.0	68.77343 (10030107)	67.16696 (11121207)	49.42033 (11121207)
35.56739 (12112207)	30.58534 (13111117)		
3871761.0	54.07648 (13111317)	43.50642 (13021307)	36.66554 (10030107)
38.96057 (11121207)	36.72928 (11121207)		
3871261.0	40.01504 (10031507)	37.37122 (13111317)	30.28234 (13111317)
29.55426 (13021307)	29.68101 (10030107)		
3870761.0	27.62831 (13012117)	26.57826 (10012608)	29.96835 (10031507)
24.07664 (13111317)	19.48105 (13111317)		
3870261.0	19.92366 (11102407)	20.47219 (13012117)	21.53190 (10012608)
24.85901 (10031507)	16.19269 (10031507)		
3869761.0	17.73921 (12112808)	15.85007 (12112808)	16.81033 (13012117)
18.71712 (13012117)	18.13432 (10012608)		
3869261.0	9.66500 (09020508)	16.05254 (12112808)	14.35078 (12112808)
11.86216 (13012117)	16.67329 (13012117)		
3868761.0	7.61293 (12102908)	10.32951 (09020508)	14.09651 (12112808)
13.21684 (12112808)	9.44261 (13012117)		
3868261.0	5.30409 (12102908)	7.53432 (12102908)	9.29743 (09020508)

13.01804 (12112808)	12.67943 (12112808)		
3867761.0   3.15804 (10040707)	5.69055 (12102908)	7.56346 (09020508)	
8.44529 (09020508)	12.21511 (12112808)		
3867261.0   3.96605 (10110208)	3.22676 (12102908)	5.93009 (12102908)	
7.21303 (12102908)	7.98004 (09020508)		
3866761.0   7.88610 (10040707)	4.26909 (13030807)	3.61578 (12102908)	
6.08383 (12102908)	6.97574 (12102908)		
3866261.0   8.49358 (10040707)	6.40630 (10040707)	3.05627 (13030807)	
3.94942 (12102908)	6.16569 (12102908)		
3865761.0   7.70507 (10040707)	5.82957 (10110208)	4.63742 (10040707)	
2.34766 (11091308)	4.25071 (12102908)		
3865261.0   6.10607 (10110208)	8.16965 (10040707)	4.59250 (10110208)	
2.58713 (13030807)	2.46324 (11091308)		
3864761.0   5.53219 (12011009)	7.15371 (10040707)	5.86558 (10110208)	
3.35136 (10110208)	2.18352 (11041207)		

\*\*\* AERMOD - VERSION 19191 \*\*\* \*\*  
 \*\*\* \*\* 09/09/20  
 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*  
 \*\*\* \*\* 21:51:13

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1005 \*\*\*  
 INCLUDING SOURCE(S): 1005 ,

\*\*\* NETWORK ID: COURSE ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD			X-COORD (METERS)
(METERS)	440733.00	441233.00	441733.00
442233.00	442733.00		

3879761.0	10.98880 (09013017)	8.69908 (12121307)	10.54193 (10110517)
9.73926 (11112108)	7.14113 (11112108)		
3879261.0	12.76406 (09012707)	13.44568 (13012808)	12.11329 (13012808)
8.07651 (09022507)	6.44204 (12110617)		
3878761.0	17.84735 (13103117)	16.57934 (09110217)	14.29053 (09110217)
7.27334 (09022507)	4.18738 (13020607)		
3878261.0	26.09886 (09110217)	14.42259 (09110217)	5.04507 (09022507)
6.22480 (09030307)	8.73824 (09030307)		
3877761.0	6.94711 (09110217)	13.11426 (09030307)	18.46616 (09030307)
16.33116 (09030307)	10.73401 (09030307)		
3877261.0	24.39853 (09030307)	20.29423 (09030307)	13.28017 (09030307)

10.01112 (09113017)	11.31278 (09113017)		
3876761.0   13.48528 (09113017)	14.70480 (09113017)	13.91839 (09113017)	
13.64172 (12012517)	13.44670 (12012517)		
3876261.0   17.35688 (12012517)	15.31975 (12012517)	11.98969 (12012517)	
10.13116 (13121808)	12.86806 (13121808)		
3875761.0   26.81272 (09011407)	17.59951 (13121808)	17.27491 (13121808)	
24.59592 (09011407)	32.91579 (09011407)		
3875261.0   43.18108 (13121217)	36.35580 (13121217)	33.12889 (13121217)	
39.83027 (13121217)	44.24275 (13121217)		
3874761.0   75.72091 (09111617)	67.72339 (09111617)	60.48382 (09111617)	
56.62599 (09111617)	53.61200 (09111617)		
3874261.0   66.17888 (09012907)	61.57067 (09012907)	53.35196 (09012907)	
46.96920 (09012907)	41.72356 (09012907)		
3873761.0   50.01599 (12112617)	50.52850 (09012907)	51.13563 (09012907)	
50.30593 (09012907)	49.35874 (09012907)		
3873261.0   64.87131 (12112617)	64.76864 (12112617)	63.52726 (12112617)	
58.58186 (12112617)	51.64276 (12112617)		
3872761.0   58.54831 (10012908)	46.70043 (10012908)	29.99376 (10012908)	
25.26674 (13112808)	25.79936 (13112808)		
3872261.0   37.52584 (12022307)	46.30277 (12022307)	44.80105 (12022307)	
39.92591 (10012908)	37.87359 (10012908)		
3871761.0   29.00072 (12112207)	22.66295 (13111117)	24.61710 (13111117)	
21.60654 (13111117)	25.20556 (12022307)		
3871261.0   31.12395 (11121207)	31.40320 (11121207)	24.21875 (12112207)	
20.92296 (12112207)	17.37377 (13111117)		
3870761.0   21.57195 (13021307)	21.88061 (12120717)	19.40065 (10012617)	
24.62449 (11121207)	18.71822 (11121207)		
3870261.0   17.87627 (13111317)	13.22702 (13111317)	13.14919 (09111917)	
15.94121 (10012617)	16.20727 (10012617)		
3869761.0   13.18463 (10031507)	10.23207 (09011607)	8.54197 (13111317)	
7.91309 (09011307)	8.96614 (10012617)		
3869261.0   11.92768 (09011317)	7.95001 (13030507)	7.79283 (09011607)	
6.58524 (09011607)	4.30204 (09011307)		
3868761.0   13.90793 (13012117)	9.58953 (10012707)	6.14310 (12123108)	
5.40586 (09011607)	6.43614 (09011607)		
3868261.0   7.82654 (11102407)	10.86167 (13012117)	9.56450 (09011317)	
6.50111 (12123108)	5.33912 (12123108)		
3867761.0   11.89043 (12112808)	7.12795 (11102407)	8.45872 (13012117)	
9.65607 (09011317)	7.63192 (10012707)		
3867261.0   11.32132 (12112808)	11.03841 (12112808)	6.56357 (11102407)	
7.11602 (13110617)	8.38265 (09011317)		
3866761.0   7.13683 (12123109)	10.09402 (12112808)	10.15581 (12112808)	
5.99535 (11102407)	6.24132 (13110617)		
3866261.0   6.70678 (12102908)	6.89140 (12123109)	9.25833 (12112808)	
9.48185 (12112808)	5.61767 (11102407)		
3865761.0   6.19968 (12102908)	6.42620 (12102908)	6.65692 (12123109)	
8.48666 (12112808)	8.90055 (12112808)		
3865261.0   4.52206 (12102908)	6.19166 (12102908)	6.18426 (12123109)	
6.43531 (12123109)	7.91394 (12112808)		
3864761.0   2.64440 (12102908)	4.75423 (12102908)	6.14385 (12102908)	

6.11377 (12123109)      6.22029 (12123109)  
 ▲ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*\*  
                              \*\*\*                    09/09/20  
 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*  
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\*\*\* MODELOPTs:      RegDFAULT    CONC    ELEV    FLGPOL    RURAL

                             \*\*\* THE    1ST HIGHEST    1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1005                    \*\*\*  
                              INCLUDING SOURCE(S):      1005      ,

                             \*\*\* NETWORK ID: COURSE    ;    NETWORK TYPE:

GRIDCART \*\*\*

                             \*\* CONC OF OTHER      IN MICROGRAMS/M\*\*3

                             \*\*

Y-COORD			X-COORD (METERS)
(METERS)	443233.00	443733.00	444233.00
444733.00	445233.00		

-----

3879761.0	4.68525 (12110617)	6.50011 (09022507)	4.23746 (12110617)
3.49259 (13020607)	3.03308 (10101908)		
3879261.0	5.11390 (12110617)	3.88461 (13020607)	3.21598 (10101908)
3.01478 (10101908)	5.74359 (09030307)		
3878761.0	3.40267 (10101908)	4.87183 (09030307)	6.81254 (09030307)
7.88893 (09030307)	7.14810 (09030307)		
3878261.0	7.17953 (09030307)	8.60242 (09030307)	5.57480 (09030307)
3.53217 (09113017)	5.36127 (09113017)		
3877761.0	5.10381 (09030307)	6.65083 (09113017)	8.21802 (09113017)
9.33861 (09113017)	9.04083 (09113017)		
3877261.0	11.22961 (09113017)	9.93458 (09113017)	10.70709 (12012517)
10.83899 (12012517)	9.94799 (12012517)		
3876761.0	12.12453 (12012517)	10.03767 (12012517)	7.80602 (12012517)
6.12398 (13121808)	7.68311 (13121808)		
3876261.0	14.36884 (13121808)	15.44091 (13121808)	16.02817 (13121808)
19.24566 (09011407)	17.05100 (09011407)		
3875761.0	29.10881 (09011407)	27.00777 (09011407)	23.29150 (09011407)
16.15185 (09011407)	11.70294 (09011407)		
3875261.0	44.36260 (13121217)	44.45685 (13121217)	40.43527 (13121217)
39.99906 (13121217)	35.92903 (13121217)		
3874761.0	54.70474 (09111617)	50.28064 (09111617)	46.25153 (09111617)
45.91425 (09111617)	44.03004 (09111617)		
3874261.0	37.79213 (10011407)	34.86552 (10011407)	32.58499 (10011407)
30.93649 (10011407)	28.72253 (10011407)		
3873761.0	51.17549 (09012907)	51.29813 (09012907)	50.11429 (09012907)



50.09079 (09012907)	50.66365 (09012907)		
3873261.0   45.06564 (12112617)	39.40106 (12112617)	31.25619 (12112617)	
23.34828 (12112617)	18.01467 (12112617)		
3872761.0   27.16881 (12112617)	31.66417 (12112617)	35.21108 (12112617)	
37.47134 (12112617)	40.78383 (12112617)		
3872261.0   30.83100 (10012908)	20.50764 (10012908)	16.15374 (13112808)	
18.29615 (13112808)	19.65247 (13112808)		
3871761.0   27.93048 (12022307)	27.80862 (10012908)	26.59466 (10012908)	
27.76179 (10012908)	26.28114 (10012908)		
3871261.0   18.52294 (13111117)	17.13164 (13111117)	12.86092 (12022307)	
19.27290 (12022307)	24.95407 (12022307)		
3870761.0   14.79050 (12112207)	12.09013 (12112207)	13.46962 (13111117)	
15.19643 (13111117)	15.32148 (13111117)		
3870261.0   15.96853 (11121207)	15.03977 (11121207)	12.46419 (12112207)	
12.10759 (12112207)	8.15694 (12112207)		
3869761.0   14.21212 (10012617)	14.48830 (10012617)	12.87312 (11121207)	
10.84218 (11121207)	6.75276 (10011107)		
3869261.0   7.03079 (09011307)	8.14999 (10012617)	12.32549 (10012617)	
13.13913 (10012617)	9.82383 (10012617)		
3868761.0   5.24572 (09011607)	4.07324 (09011307)	6.86840 (09011307)	
7.40282 (10012617)	9.71724 (10012617)		
3868261.0   6.41499 (09011607)	6.53404 (09011607)	5.29370 (13111317)	
4.04462 (09011307)	5.32363 (09011307)		
3867761.0   5.93071 (12123108)	5.69679 (09011607)	6.82577 (09011607)	
5.08855 (09011607)	2.29061 (09011607)		
3867261.0   8.34473 (09011317)	6.14860 (13030507)	5.16230 (12123108)	
5.62270 (09011607)	5.22802 (09011607)		
3866761.0   6.53365 (10012707)	7.44291 (10012707)	5.62756 (10012707)	
5.17770 (12123108)	4.19340 (10071607)		
3866261.0   5.28759 (13110617)	5.82542 (13110617)	6.80614 (10012707)	
5.72549 (10012707)	4.73333 (10071607)		
3865761.0   5.15503 (12112808)	4.45068 (13110617)	5.33815 (13110617)	
5.73591 (10012707)	5.47607 (10012707)		
3865261.0   8.35986 (12112808)	5.06261 (12112808)	3.74742 (13110617)	
4.68960 (13110617)	4.64677 (10012707)		
3864761.0   7.53205 (12112808)	7.99625 (12112808)	4.95986 (12112808)	
3.04319 (11111417)	3.81957 (13110617)		

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1005 \*\*\*  
 INCLUDING SOURCE(S): 1005 ,

\*\*\* NETWORK ID: COURSE ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD  
(METERS)

445733.00

X-COORD (METERS)

3879761.0	2.92251	(10101908)
3879261.0	8.11469	(09030307)
3878761.0	5.39287	(09030307)
3878261.0	7.05207	(09113017)
3877761.0	8.42748	(12012517)
3877261.0	8.50279	(12012517)
3876761.0	9.35810	(13121808)
3876261.0	20.21886	(09011407)
3875761.0	10.06265	(13121217)
3875261.0	33.86368	(13121217)
3874761.0	39.84054	(09111617)
3874261.0	26.31459	(10011407)
3873761.0	49.29877	(09012907)
3873261.0	12.91804	(12112617)
3872761.0	44.19663	(12112617)
3872261.0	19.83094	(13112808)
3871761.0	20.06867	(10012908)
3871261.0	27.09188	(10012908)
3870761.0	12.31880	(13111117)
3870261.0	11.26679	(13111117)
3869761.0	8.59937	(12112207)
3869261.0	9.13746	(11121207)
3868761.0	11.58756	(10012617)
3868261.0	5.33390	(09011307)
3867761.0	2.98229	(09011307)
3867261.0	3.37644	(09011607)
3866761.0	4.87270	(09011607)
3866261.0	4.35883	(10071607)
3865761.0	4.55786	(10071607)
3865261.0	4.98465	(10012707)
3864761.0	3.32178	(13110617)

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION

VALUES FOR SOURCE GROUP: 1005

\*\*\*

INCLUDING SOURCE(S): 1005

\*\*\* NETWORK ID: DESERTL ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD			X-COORD (METERS)
(METERS)	435850.40	435900.40	435950.40
	436000.40	436050.40	

-----

3874157.0	192.44353 (09012907)	198.03669 (09012907)	198.17261 (09012907)
196.70025 (09012907)	194.35402 (09012907)		
3874107.0	192.37667 (12112617)	194.29968 (12112617)	195.80734 (12112617)
194.03487 (12112617)	192.55756 (12112617)		
3874057.0	205.14458 (12112617)	202.00769 (12112617)	197.73078 (12112617)
195.25035 (12112617)	192.83519 (12112617)		
3874007.0	204.23245 (12112617)	201.99968 (12112617)	198.69403 (12112617)
196.33625 (12112617)	194.01850 (12112617)		
3873957.0	191.71683 (12112617)	197.20411 (12112617)	195.44613 (12112617)
193.65871 (12112617)	191.84113 (12112617)		
3873907.0	194.02865 (12022307)	194.65881 (12022307)	190.75566 (12022307)
186.71724 (12022307)	182.54719 (12022307)		
3873857.0	201.31774 (12022307)	198.11115 (12022307)	194.83225 (12022307)
191.46807 (12022307)	188.00244 (12022307)		
3873807.0	202.23767 (12022307)	199.54163 (12022307)	196.78552 (12022307)
193.96258 (12022307)	191.06320 (12022307)		
3873757.0	200.70025 (12022307)	198.73216 (12022307)	196.61615 (12022307)
194.10581 (12022307)	191.51173 (12022307)		
3873707.0	195.07346 (12022307)	194.34606 (12022307)	193.30507 (12022307)
191.23156 (12022307)	188.92075 (12022307)		
3873657.0	183.59599 (12022307)	184.62112 (12022307)	185.19731 (12022307)
184.89018 (12022307)	183.21049 (12022307)		
3873607.0	166.61151 (11121207)	168.85865 (12022307)	171.23531 (12022307)
172.33966 (12022307)	172.46552 (12022307)		
3873557.0	174.32481 (11121207)	168.91770 (11121207)	163.21458 (11121207)
156.16621 (11121207)	156.15824 (12022307)		
3873507.0	178.98660 (11121207)	174.86288 (11121207)	170.08357 (11121207)
163.79633 (11121207)	156.69868 (11121207)		
3873457.0	185.04912 (09010807)	179.09395 (09010807)	173.28207 (11121207)
168.07524 (11121207)	162.25344 (11121207)		
3873407.0	188.76740 (09010807)	183.74585 (09010807)	177.47617 (09010807)
170.02489 (09010807)	165.14322 (11121207)		
3873357.0	187.80797 (09010807)	184.78779 (09010807)	180.17429 (09010807)
174.28360 (09010807)	168.57630 (09010807)		
3873307.0	182.53563 (13021307)	180.57988 (09010807)	178.30382 (09010807)

174.85803 (09010807)	170.70438 (09010807)		
3873257.0   180.09686 (13021307)	178.56099 (13021307)	173.01418 (12120717)	
172.58569 (09010807)	169.15205 (09010807)		
3873207.0   174.42186 (13021307)	174.33908 (13021307)	172.36146 (13021307)	
170.94675 (13021307)	165.83777 (12120717)		
3873157.0   177.39103 (13111317)	170.38140 (13111317)	167.19120 (13021307)	
167.30562 (13021307)	164.96788 (13021307)		

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1005  
 INCLUDING SOURCE(S): 1005

\*\*\* NETWORK ID: DESERTL ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD (METERS)		X-COORD (METERS)
436250.40	436100.40	436150.40
	436300.40	436200.40

3874157.0	192.07266 (09012907)	189.85328 (09012907)	187.69453 (09012907)
185.42504 (09012907)	183.54721 (09012907)		
3874107.0	190.72719 (12112617)	188.60580 (12112617)	185.71225 (12112617)
180.94139 (12112617)	177.32749 (12112617)		
3874057.0	191.09028 (12112617)	188.48292 (12112617)	183.51837 (12112617)
177.01841 (12112617)	174.03081 (12112617)		
3874007.0	190.90960 (12112617)	187.85583 (12112617)	183.63453 (12112617)
178.67223 (12112617)	175.03242 (12112617)		
3873957.0	189.35362 (12112617)	186.11064 (12112617)	182.19951 (12112617)
178.69790 (12112617)	175.76052 (12112617)		
3873907.0	180.92322 (12112617)	179.10583 (12112617)	176.66156 (12112617)
174.20737 (12112617)	171.82326 (12112617)		
3873857.0	184.19503 (12022307)	178.58496 (12022307)	173.09032 (12022307)
167.73269 (12022307)	162.54862 (12022307)		
3873807.0	187.05391 (12022307)	182.17288 (12022307)	177.48825 (12022307)
172.70032 (12022307)	167.50352 (12022307)		
3873757.0	187.73687 (12022307)	183.58502 (12022307)	179.65841 (12022307)
175.00474 (12022307)	170.93401 (12022307)		
3873707.0	186.14734 (12022307)	182.91705 (12022307)	179.53327 (12022307)

176.02690 (12022307)	172.42969 (12022307)		
3873657.0   181.36112 (12022307)	179.15201 (12022307)	176.95357 (12022307)	
174.19503 (12022307)	171.92225 (12022307)		
3873607.0   171.76549 (12022307)	171.02281 (12022307)	170.71849 (12022307)	
169.48533 (12022307)	167.59856 (12022307)		
3873557.0   157.21553 (12022307)	157.64983 (12022307)	159.45630 (12022307)	
160.58490 (12022307)	160.20534 (12022307)		
3873507.0   149.71418 (11121207)	142.74859 (11121207)	142.92083 (12022307)	
145.77331 (12022307)	148.23713 (12022307)		
3873457.0   156.42534 (11121207)	150.75152 (11121207)	145.07052 (11121207)	
139.65779 (11121207)	133.83455 (11121207)		
3873407.0   160.88922 (11121207)	156.11367 (11121207)	151.66597 (11121207)	
146.38174 (11121207)	141.07071 (11121207)		
3873357.0   162.64893 (09010807)	159.09435 (11121207)	155.00536 (11121207)	
150.88425 (11121207)	146.83934 (11121207)		
3873307.0   167.38792 (09010807)	163.36011 (09010807)	156.50101 (09010807)	
152.50080 (11121207)	149.04056 (11121207)		
3873257.0   167.93815 (09010807)	165.77346 (09010807)	160.48554 (09010807)	
155.83002 (09010807)	148.15333 (09010807)		
3873207.0   164.93800 (09010807)	164.93741 (09010807)	161.04951 (09010807)	
156.07251 (09010807)	152.78173 (09010807)		
3873157.0   163.34465 (13021307)	158.38119 (12120717)	156.96598 (09010807)	
154.43128 (09010807)	153.78197 (09010807)		

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 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*  
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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1005 \*\*\*  
 INCLUDING SOURCE(S): 1005 ,

\*\*\* NETWORK ID: DESERTL ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD			X-COORD (METERS)
(METERS)	436350.40	436400.40	436450.40
436500.40	436550.40		

3874157.0   181.55352 (09012907)	179.00222 (09012907)	175.16864 (09012907)	
171.20701 (09012907)	169.34727 (09012907)		
3874107.0   176.09505 (12112617)	172.63332 (12112617)	169.20185 (12112617)	

165.49267	(12112617)	163.31883	(12112617)		
3874057.0	172.90017	(12112617)	171.07272	(12112617)	169.27367 (12112617)
166.86679	(12112617)	164.19596	(12112617)		
3874007.0	173.23121	(12112617)	171.46153	(12112617)	169.72423 (12112617)
168.01879	(12112617)	166.03076	(12112617)		
3873957.0	173.15148	(12112617)	171.53204	(12112617)	169.30167 (12112617)
167.72683	(12112617)	166.17081	(12112617)		
3873907.0	169.31669	(12112617)	167.90489	(12112617)	166.74156 (12112617)
165.26696	(12112617)	163.77467	(12112617)		
3873857.0	160.08885	(12112617)	159.43671	(12112617)	158.66624 (12112617)
158.28859	(12112617)	156.80516	(12112617)		
3873807.0	163.82021	(12022307)	159.42192	(12022307)	155.55079 (12022307)
151.26650	(12022307)	148.22255	(10012908)		
3873757.0	167.48679	(12022307)	163.65556	(12022307)	160.41934 (12022307)
156.77658	(12022307)	153.36241	(12022307)		
3873707.0	168.76692	(12022307)	166.09109	(12022307)	162.33515 (12022307)
159.56155	(12022307)	156.38275	(12022307)		
3873657.0	168.83940	(12022307)	166.67809	(12022307)	163.40342 (12022307)
160.75094	(12022307)	157.68699	(12022307)		
3873607.0	166.08345	(12022307)	164.01547	(12022307)	162.43828 (12022307)
159.34009	(12022307)	156.43880	(12022307)		
3873557.0	159.98620	(12022307)	159.11572	(12022307)	157.59503 (12022307)
156.43606	(12022307)	154.37090	(12022307)		
3873507.0	148.74368	(12022307)	149.32558	(12022307)	149.20097 (12022307)
148.97081	(12022307)	148.38889	(12022307)		
3873457.0	132.67342	(12022307)	135.15768	(12022307)	136.47412 (12022307)
137.92985	(12022307)	138.71516	(12022307)		
3873407.0	135.78055	(11121207)	130.06597	(11121207)	123.97166 (11121207)
122.71074	(12022307)	125.28390	(12022307)		
3873357.0	141.92441	(11121207)	136.96341	(11121207)	132.00887 (11121207)
126.60954	(11121207)	121.05196	(11121207)		
3873307.0	145.82293	(11121207)	142.15145	(11121207)	137.83663 (11121207)
132.94980	(11121207)	128.32636	(11121207)		
3873257.0	146.29982	(11121207)	143.45314	(11121207)	139.49933 (11121207)
136.76375	(11121207)	130.82522	(11121207)		
3873207.0	148.09261	(09010807)	142.12658	(09010807)	140.51242 (11121207)
136.56582	(11121207)	134.39347	(11121207)		
3873157.0	148.62240	(09010807)	146.01138	(09010807)	139.71364 (09010807)
136.32822	(09010807)	133.73281	(11121207)		

\*\*\* AERMOD - VERSION 19191 \*\*\*  
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\*\*\* AERMET - VERSION 14134 \*\*\*  
 \*\*\* 21:51:13

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

VALUES FOR SOURCE GROUP: 1005 \*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 \*\*\*  
 INCLUDING SOURCE(S): 1005 ,

\*\*\* NETWORK ID: DESERTL ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD				X-COORD (METERS)
(METERS)	436600.40		436650.40	436700.40
	436750.40	436800.40		

-----

3874157.0	168.22669 (09012907)	165.52894 (09012907)	163.57145 (09012907)
160.92676 (09012907)	159.78814 (09012907)		
3874107.0	161.72430 (12112617)	159.55652 (12112617)	156.87004 (12112617)
154.63011 (09012907)	153.04842 (09012907)		
3874057.0	162.50986 (12112617)	160.53805 (12112617)	158.00607 (12112617)
155.51288 (12112617)	153.34490 (12112617)		
3874007.0	163.77733 (12112617)	160.64332 (12112617)	158.49381 (12112617)
156.38852 (12112617)	154.01514 (12112617)		
3873957.0	163.73444 (12112617)	160.71488 (12112617)	158.34494 (12112617)
156.32603 (12112617)	154.02884 (12112617)		
3873907.0	161.12203 (12112617)	159.02745 (12112617)	156.62022 (12112617)
154.82272 (12112617)	152.72765 (12112617)		
3873857.0	155.74162 (12112617)	153.79164 (12112617)	152.29709 (12112617)
150.44833 (12112617)	149.42097 (12112617)		
3873807.0	145.13264 (10012908)	143.55986 (12112617)	142.58679 (12112617)
142.22598 (12112617)	141.48794 (12112617)		
3873757.0	148.92144 (12022307)	145.32041 (12022307)	141.42772 (10012908)
138.14079 (10012908)	135.59664 (10012908)		
3873707.0	152.80504 (12022307)	149.49251 (12022307)	145.44383 (12022307)
142.30009 (12022307)	138.09100 (12022307)		
3873657.0	154.56787 (12022307)	151.74298 (12022307)	148.85844 (12022307)
146.24873 (12022307)	142.55340 (12022307)		
3873607.0	153.43089 (12022307)	152.16004 (12022307)	149.72739 (12022307)
147.22967 (12022307)	144.67055 (12022307)		
3873557.0	152.07379 (12022307)	150.31629 (12022307)	149.14356 (12022307)
146.42744 (12022307)	143.60726 (12022307)		
3873507.0	147.81931 (12022307)	146.29213 (12022307)	144.85335 (12022307)
143.55911 (12022307)	141.72603 (12022307)		
3873457.0	139.72366 (12022307)	139.46210 (12022307)	138.83261 (12022307)
137.52627 (12022307)	136.24009 (12022307)		
3873407.0	127.52804 (12022307)	128.04807 (12022307)	128.40729 (12022307)
127.70270 (12022307)	127.55572 (12022307)		
3873357.0	115.14498 (11121207)	112.68737 (12022307)	113.93595 (12022307)
114.46443 (12022307)	115.47587 (12022307)		
3873307.0	122.47108 (11121207)	116.21001 (11121207)	109.83635 (11121207)
103.40753 (11121207)	101.70350 (12022307)		
3873257.0	127.40603 (11121207)	121.74387 (11121207)	115.88410 (11121207)

110.16749 (11121207) 106.00096 (11121207)  
3873207.0 | 130.28734 (11121207) 126.37319 (11121207) 120.94774 (11121207)  
117.04691 (11121207) 113.47464 (11121207)  
3873157.0 | 130.94780 (11121207) 128.81733 (11121207) 124.41418 (11121207)  
122.02641 (11121207) 119.25637 (11121207)

▲ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*  
\*\*\* 09/09/20

\*\*\* AERMET - VERSION 14134 \*\*\* \*\*  
\*\*\* 21:51:13

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

VALUES FOR SOURCE GROUP: 1005 \*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
\*\*\*  
INCLUDING SOURCE(S): 1005 ,

GRIDCART \*\*\* \*\*\* NETWORK ID: DESERTL ; NETWORK TYPE:

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3  
\*\*

Y-COORD | X-COORD (METERS)  
(METERS) | 436850.40

-----  
-----  
3874157.0 | 158.19424 (09012907)  
3874107.0 | 151.28598 (09012907)  
3874057.0 | 151.20363 (12112617)  
3874007.0 | 151.68343 (12112617)  
3873957.0 | 151.76691 (12112617)  
3873907.0 | 151.25907 (12112617)  
3873857.0 | 148.05924 (12112617)  
3873807.0 | 141.16301 (12112617)  
3873757.0 | 132.69459 (10012908)  
3873707.0 | 135.96134 (10012908)  
3873657.0 | 139.46138 (12022307)  
3873607.0 | 141.69968 (12022307)  
3873557.0 | 141.80120 (12022307)  
3873507.0 | 139.74100 (12022307)  
3873457.0 | 135.05265 (12022307)  
3873407.0 | 128.09880 (12022307)  
3873357.0 | 117.09572 (12022307)  
3873307.0 | 104.54680 (12022307)  
3873257.0 | 101.67165 (11121207)  
3873207.0 | 109.66787 (11121207)  
3873157.0 | 116.15353 (11121207)

▲ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*



\*\*\* 09/09/20  
 \*\*\* AERMET - VERSION 14134 \*\*\*  
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1005  
 INCLUDING SOURCE(S): 1005 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)
Y-COORD (M)	CONC	(YYMMDDHH)		
439914.00	3872794.00	68.10287	(10012908)	436263.00
3873356.00	149.67784	(11121207)		
435903.00	3873538.00	171.32255	(11121207)	435899.00
3873948.00	195.66066	(12112617)		
433343.00	3874839.00	735.43133	(11112117)	433243.10
3874835.00	762.73906	(12013117)		
433143.20	3874831.00	802.80146	(12013117)	433043.30
3874827.00	836.37908	(12013117)		
432943.30	3874823.00	864.72315	(12013117)	432843.40
3874819.00	875.45489	(12013117)		
432809.00	3874817.00	879.57676	(12013117)	432808.50
3874717.00	836.96062	(12121907)		
432807.90	3874617.00	821.76120	(12121907)	432807.40
3874517.00	807.72771	(13121007)		
432807.00	3874449.00	806.00785	(09113007)	432707.00
3874448.00	815.07007	(13121007)		
432675.00	3874448.00	813.42345	(13121007)	432675.30
3874348.00	839.74322	(09113007)		
432675.70	3874248.00	834.51063	(09113007)	432676.00
3874164.00	849.22940	(09113007)		
432754.00	3874129.00	802.13255	(09113007)	432853.50
3874119.00	738.47134	(09113007)		
432953.00	3874109.00	684.97883	(09113007)	432999.00
3874104.00	669.90104	(10102007)		
433099.00	3874105.00	648.39017	(10102007)	433199.00
3874105.00	631.60377	(10102007)		
433299.00	3874106.00	607.23580	(10102007)	433399.00
3874106.00	575.64943	(09010207)		
433499.00	3874107.00	578.18865	(09010207)	433599.00

3874107.00 587.51320 (09010207)  
 433699.00 3874108.00 586.54345 (09010207) 433799.00  
 3874108.00 592.83275 (09120207)  
 433899.00 3874109.00 608.70506 (09120207) 433999.00  
 3874109.00 621.53188 (13111317)  
 434099.00 3874110.00 636.83890 (13111317) 434169.00  
 3874110.00 648.25644 (09010807)  
 434176.00 3874210.00 647.07517 (12112617) 434183.00  
 3874310.00 656.33751 (09012907)  
 434190.00 3874409.00 663.38323 (13121217) 434197.00  
 3874509.00 661.10910 (13121217)  
 434204.00 3874609.00 679.69932 (09110217) 434211.00  
 3874709.00 725.80119 (09110217)  
 434217.90 3874808.00 761.17168 (09110217) 434218.00  
 3874809.00 760.50713 (09110217)  
 434118.10 3874813.00 753.23802 (09110217) 434018.10  
 3874816.00 742.71758 (09110217)  
 433918.20 3874819.00 727.50529 (09110217) 433818.20  
 3874823.00 703.53686 (09110217)  
 433718.30 3874826.00 676.53946 (09110217) 433618.30  
 3874830.00 661.07932 (09012607)  
 433518.40 3874833.00 677.33772 (09012607) 433418.50  
 3874837.00 708.79132 (11112117)

^ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*\*  
 \*\*\* 09/09/20  
 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*  
 \*\*\* 21:51:13

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE SUMMARY OF MAXIMUM PERIOD ( 43872  
 HRS) RESULTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

GROUP ID	NETWORK	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV,
ZHILL, ZFLAG)	OF TYPE	GRID-ID	
1005	1ST HIGHEST VALUE IS	11.34080 AT (	433733.00, 3874761.00, 718.70,
	718.70, 1.20) GC COURSE		
	2ND HIGHEST VALUE IS	11.01606 AT (	433233.00, 3874761.00, 717.70,
	717.70, 1.20) GC COURSE		
	3RD HIGHEST VALUE IS	10.31672 AT (	433733.00, 3874261.00, 717.50,

717.50, 1.20) GC COURSE  
 4TH HIGHEST VALUE IS 9.63542 AT ( 433233.00, 3874261.00, 715.70,  
 715.70, 1.20) GC COURSE  
 5TH HIGHEST VALUE IS 9.30808 AT ( 433718.30, 3874826.00, 719.01,  
 719.01, 1.20) DC  
 6TH HIGHEST VALUE IS 9.27473 AT ( 433918.20, 3874819.00, 719.33,  
 719.33, 1.20) DC  
 7TH HIGHEST VALUE IS 9.24867 AT ( 433518.40, 3874833.00, 718.63,  
 718.63, 1.20) DC  
 8TH HIGHEST VALUE IS 9.23439 AT ( 433618.30, 3874830.00, 718.81,  
 718.81, 1.20) DC  
 9TH HIGHEST VALUE IS 9.21577 AT ( 433818.20, 3874823.00, 719.04,  
 719.04, 1.20) DC  
 10TH HIGHEST VALUE IS 9.10148 AT ( 433418.50, 3874837.00, 718.33,  
 718.33, 1.20) DC

\*\*\* RECEPTOR TYPES: GC = GRIDCART  
 GP = GRIDPOLR  
 DC = DISCCART  
 DP = DISCPOLR

\*\*\* AERMOD - VERSION 19191 \*\*\* \*\*  
 \*\*\* 09/09/20

\*\*\* AERMET - VERSION 14134 \*\*\* \*\*  
 \*\*\* 21:51:13

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE SUMMARY OF HIGHEST 1-HR

RESULTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

GROUP ID	NETWORK	DATE	RECEPTOR
(XR, YR, ZELEV, ZHILL, ZFLAG)	AVERAGE CONC OF TYPE GRID-ID	(YYMMDDHH)	
1005 HIGH 1ST HIGH VALUE IS	879.57676	ON 12013117: AT ( 432809.00,	
3874817.00, 716.90, 716.90, 1.20) DC			

\*\*\* RECEPTOR TYPES: GC = GRIDCART  
 GP = GRIDPOLR  
 DC = DISCCART

DP = DISCPOLR

\*\*\* AERMOD - VERSION 19191 \*\*\* \*\*

\*\*\* 09/09/20

\*\*\* AERMET - VERSION 14134 \*\*\* \*\*

\*\*\* 21:51:13

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\*\*\* Message Summary : AERMOD Model Execution \*\*\*

----- Summary of Total Messages -----

A Total of 0 Fatal Error Message(s)

A Total of 2 Warning Message(s)

A Total of 16969 Informational Message(s)

A Total of 43872 Hours Were Processed

A Total of 10164 Calm Hours Identified

A Total of 6805 Missing Hours Identified ( 15.51 Percent)

CAUTION!: Number of Missing Hours Exceeds 10 Percent of Total!  
Data May Not Be Acceptable for Regulatory Applications.  
See Section 5.3.2 of "Meteorological Monitoring Guidance  
for Regulatory Modeling Applications" (EPA-454/R-99-005).

\*\*\*\*\* FATAL ERROR MESSAGES \*\*\*\*\*

\*\*\* NONE \*\*\*

\*\*\*\*\* WARNING MESSAGES \*\*\*\*\*

CO W200 5 TITLES: Missing Parameter(s). No Options Specified For  
TITLEONE

CO W200 6 TITLES: Missing Parameter(s). No Options Specified For  
TITLETWO

\*\*\*\*\*

\*\*\* AERMOD Finishes Successfully \*\*\*

\*\*\*\*\*

## *AERMOD Output*

---

All Project Sites Combined

\*\*AERMOD INPUT FILE CREATED BY HARP VERSION 19121

\*\*DATE CREATED: 9/9/2020 5:00:49 PM

\*\*

CO STARTING

TITLEONE

TITLETWO

MODELOPT DFAULT CONC

AVERTIME 1 PERIOD

POLLUTID OTHER

RUNORNOT RUN

FLAGPOLE 1.2

ERRORFIL "C:\Users\elinard\Desktop\8MINUTE\8MINUTE\_AERMOD.ERR"

CO FINISHED

\*\*

\*\*SOURCES

SO STARTING

\*\*SOURCES LOCATIONS

LOCATION 1001a AREAPOLY 442261 3871403 775

LOCATION 1001b AREAPOLY 440693 3872567 757

LOCATION 1001c AREAPOLY 440686 3872275 761

LOCATION 1002 AREAPOLY 437457 3871498 750

LOCATION 1005 AREAPOLY 433343 3874839 718.35

LOCATION 1004 AREAPOLY 435809 3873839 728.85

LOCATION 1003 AREAPOLY 435801 3871509 734

\*\*SOURCES PARAMETERS

SRCPARAM 1001a 8.13977955035044E-07 3.1 9

SRCPARAM 1001b 8.63155350700019E-06 3.1 7

SRCPARAM 1001c 4.96880830585996E-06 3.1 5

SRCPARAM 1002 2.49555884109741E-07 3.1 5

SRCPARAM 1005 9.65587429596607E-07 3.1 10

SRCPARAM 1004 5.47146671145974E-07 3.1 13

SRCPARAM 1003 3.58322185034351E-07 3.1 5

AREAVERT 1001a 442261 3871403 442284 3872428 441488 3872454 441482 3872248 441284  
3872255 441274 3871844 440676 3871862 440667 3871450 442261 3871403

AREAVERT 1001b 440693 3872567 440696 3872690 440495 3872694 440497 3872723 439888  
3872719 439885 3872574 440693 3872567

AREAVERT 1001c 440686 3872275 440692 3872520 439884 3872532 439881 3872278 440686  
3872275

AREAVERT 1002 437457 3871498 439878 3871465 439904 3873112 437449 3873138 437457  
3871498

AREAVERT 1005 433343 3874839 432809 3874817 432807 3874449 432675 3874448 432676  
3874164 432754 3874129 432999 3874104 434169 3874110 434218 3874809 433343 3874839

AREAVERT 1004 435809 3873839 435484 3873946 434626 3873973 434511 3873808 434404  
3873773 434279 3873949 434026 3873988 432967 3873973 432770 3873952 432679 3873904  
432691 3873364 435836 3873365 435809 3873839

AREAVERT 1003 435801 3871509 437449 3871510 437449 3873210 435836 3873232 435801  
3871509

\*\*M-F

EMISFACT 1001a HRDOW 0 0 0 0 0 0

EMISFACT 1001a HRDOW 6.545455 6.545455 6.545455 6.545455 6.545455 6.545455

EMISFACT	1001a	HRDOW	6.545455	6.545455	6.545455	6.545455	6.545455	6.545455	0
EMISFACT	1001a	HRDOW	0	0	0	0	0	0	0
**Saturday									
EMISFACT	1001a	HRDOW	0	0	0	0	0	0	0
EMISFACT	1001a	HRDOW	0	0	0	0	0	0	0
EMISFACT	1001a	HRDOW	0	0	0	0	0	0	0
EMISFACT	1001a	HRDOW	0	0	0	0	0	0	0
**Sunday									
EMISFACT	1001a	HRDOW	0	0	0	0	0	0	0
EMISFACT	1001a	HRDOW	0	0	0	0	0	0	0
EMISFACT	1001a	HRDOW	0	0	0	0	0	0	0
EMISFACT	1001a	HRDOW	0	0	0	0	0	0	0
**M-F									
EMISFACT	1001b	HRDOW	0	0	0	0	0	0	0
EMISFACT	1001b	HRDOW	6.545455	6.545455	6.545455	6.545455	6.545455	6.545455	6.545455
EMISFACT	1001b	HRDOW	6.545455	6.545455	6.545455	6.545455	6.545455	6.545455	0
EMISFACT	1001b	HRDOW	0	0	0	0	0	0	0
**Saturday									
EMISFACT	1001b	HRDOW	0	0	0	0	0	0	0
EMISFACT	1001b	HRDOW	0	0	0	0	0	0	0
EMISFACT	1001b	HRDOW	0	0	0	0	0	0	0
EMISFACT	1001b	HRDOW	0	0	0	0	0	0	0
**Sunday									
EMISFACT	1001b	HRDOW	0	0	0	0	0	0	0
EMISFACT	1001b	HRDOW	0	0	0	0	0	0	0
EMISFACT	1001b	HRDOW	0	0	0	0	0	0	0
EMISFACT	1001b	HRDOW	0	0	0	0	0	0	0
**M-F									
EMISFACT	1001c	HRDOW	0	0	0	0	0	0	0
EMISFACT	1001c	HRDOW	6.545455	6.545455	6.545455	6.545455	6.545455	6.545455	6.545455
EMISFACT	1001c	HRDOW	6.545455	6.545455	6.545455	6.545455	6.545455	6.545455	0
EMISFACT	1001c	HRDOW	0	0	0	0	0	0	0
**Saturday									
EMISFACT	1001c	HRDOW	0	0	0	0	0	0	0
EMISFACT	1001c	HRDOW	0	0	0	0	0	0	0
EMISFACT	1001c	HRDOW	0	0	0	0	0	0	0
EMISFACT	1001c	HRDOW	0	0	0	0	0	0	0
**Sunday									
EMISFACT	1001c	HRDOW	0	0	0	0	0	0	0
EMISFACT	1001c	HRDOW	0	0	0	0	0	0	0
EMISFACT	1001c	HRDOW	0	0	0	0	0	0	0
EMISFACT	1001c	HRDOW	0	0	0	0	0	0	0
**M-F									
EMISFACT	1002	HRDOW	0	0	0	0	0	0	0
EMISFACT	1002	HRDOW	6.545455	6.545455	6.545455	6.545455	6.545455	6.545455	6.545455
EMISFACT	1002	HRDOW	6.545455	6.545455	6.545455	6.545455	6.545455	6.545455	0
EMISFACT	1002	HRDOW	0	0	0	0	0	0	0
**Saturday									
EMISFACT	1002	HRDOW	0	0	0	0	0	0	0
EMISFACT	1002	HRDOW	0	0	0	0	0	0	0

EMISFACT	1002	HRDOW	0	0	0	0	0	0	0
EMISFACT	1002	HRDOW	0	0	0	0	0	0	0
**Sunday									
EMISFACT	1002	HRDOW	0	0	0	0	0	0	0
EMISFACT	1002	HRDOW	0	0	0	0	0	0	0
EMISFACT	1002	HRDOW	0	0	0	0	0	0	0
EMISFACT	1002	HRDOW	0	0	0	0	0	0	0
**M-F									
EMISFACT	1005	HRDOW	0	0	0	0	0	0	0
EMISFACT	1005	HRDOW	6.545455	6.545455	6.545455	6.545455	6.545455	6.545455	6.545455
EMISFACT	1005	HRDOW	6.545455	6.545455	6.545455	6.545455	6.545455	6.545455	0
EMISFACT	1005	HRDOW	0	0	0	0	0	0	0
**Saturday									
EMISFACT	1005	HRDOW	0	0	0	0	0	0	0
EMISFACT	1005	HRDOW	0	0	0	0	0	0	0
EMISFACT	1005	HRDOW	0	0	0	0	0	0	0
EMISFACT	1005	HRDOW	0	0	0	0	0	0	0
**Sunday									
EMISFACT	1005	HRDOW	0	0	0	0	0	0	0
EMISFACT	1005	HRDOW	0	0	0	0	0	0	0
EMISFACT	1005	HRDOW	0	0	0	0	0	0	0
EMISFACT	1005	HRDOW	0	0	0	0	0	0	0
**M-F									
EMISFACT	1004	HRDOW	0	0	0	0	0	0	0
EMISFACT	1004	HRDOW	6.545455	6.545455	6.545455	6.545455	6.545455	6.545455	6.545455
EMISFACT	1004	HRDOW	6.545455	6.545455	6.545455	6.545455	6.545455	6.545455	0
EMISFACT	1004	HRDOW	0	0	0	0	0	0	0
**Saturday									
EMISFACT	1004	HRDOW	0	0	0	0	0	0	0
EMISFACT	1004	HRDOW	0	0	0	0	0	0	0
EMISFACT	1004	HRDOW	0	0	0	0	0	0	0
EMISFACT	1004	HRDOW	0	0	0	0	0	0	0
**Sunday									
EMISFACT	1004	HRDOW	0	0	0	0	0	0	0
EMISFACT	1004	HRDOW	0	0	0	0	0	0	0
EMISFACT	1004	HRDOW	0	0	0	0	0	0	0
EMISFACT	1004	HRDOW	0	0	0	0	0	0	0
**M-F									
EMISFACT	1003	HRDOW	0	0	0	0	0	0	0
EMISFACT	1003	HRDOW	6.545455	6.545455	6.545455	6.545455	6.545455	6.545455	6.545455
EMISFACT	1003	HRDOW	6.545455	6.545455	6.545455	6.545455	6.545455	6.545455	0
EMISFACT	1003	HRDOW	0	0	0	0	0	0	0
**Saturday									
EMISFACT	1003	HRDOW	0	0	0	0	0	0	0
EMISFACT	1003	HRDOW	0	0	0	0	0	0	0
EMISFACT	1003	HRDOW	0	0	0	0	0	0	0
EMISFACT	1003	HRDOW	0	0	0	0	0	0	0
**Sunday									
EMISFACT	1003	HRDOW	0	0	0	0	0	0	0
EMISFACT	1003	HRDOW	0	0	0	0	0	0	0



```

EMISFACT 1003 HRDOW 0 0 0 0 0 0
EMISFACT 1003 HRDOW 0 0 0 0 0 0
SRCGROUP 1001a 1001a
SRCGROUP 1001b 1001b
SRCGROUP 1001c 1001c
SRCGROUP 1002 1002
SRCGROUP 1005 1005
SRCGROUP 1004 1004
SRCGROUP 1003 1003
SO FINISHED
**
**RECEPTORS
RE STARTING
  INCLUDED "C:\Users\elinard\Desktop\8MINUTE\8MINUTE_AERMAP.REC"
RE FINISHED
**
**MET PATHWAY
ME STARTING
ME SURFFILE "C:\Users\elinard\Desktop\8MINUTE\MET\723171.SFC"
ME PROFFILE "C:\Users\elinard\Desktop\8MINUTE\MET\723171.PFL"
ME SURFDATA 53144 2009
ME UAIRDATA 3190 2009
ME SITEDATA 0 2009
ME PROFBASE 694.3
ME FINISHED
**
**OUTPUT PATHWAY
OU STARTING
  RECTABLE ALLAVE 1ST
  RECTABLE 1 1ST
  PLOTFILE 1 1001a 1ST "C:\Users\elinard\Desktop\8MINUTE\plt\MAX1HR1001a.PLT" 31
  PLOTFILE 1 1001b 1ST "C:\Users\elinard\Desktop\8MINUTE\plt\MAX1HR1001b.PLT" 32
  PLOTFILE 1 1001c 1ST "C:\Users\elinard\Desktop\8MINUTE\plt\MAX1HR1001c.PLT" 33
  PLOTFILE 1 1002 1ST "C:\Users\elinard\Desktop\8MINUTE\plt\MAX1HR1002.PLT" 34
  PLOTFILE 1 1005 1ST "C:\Users\elinard\Desktop\8MINUTE\plt\MAX1HR1005.PLT" 35
  PLOTFILE 1 1004 1ST "C:\Users\elinard\Desktop\8MINUTE\plt\MAX1HR1004.PLT" 36
  PLOTFILE 1 1003 1ST "C:\Users\elinard\Desktop\8MINUTE\plt\MAX1HR1003.PLT" 37
  PLOTFILE PERIOD 1001a "C:\Users\elinard\Desktop\8MINUTE\plt\PERIOD1001a.PLT" 38
  PLOTFILE PERIOD 1001b "C:\Users\elinard\Desktop\8MINUTE\plt\PERIOD1001b.PLT" 39
  PLOTFILE PERIOD 1001c "C:\Users\elinard\Desktop\8MINUTE\plt\PERIOD1001c.PLT" 40
  PLOTFILE PERIOD 1002 "C:\Users\elinard\Desktop\8MINUTE\plt\PERIOD1002.PLT" 41
  PLOTFILE PERIOD 1005 "C:\Users\elinard\Desktop\8MINUTE\plt\PERIOD1005.PLT" 42
  PLOTFILE PERIOD 1004 "C:\Users\elinard\Desktop\8MINUTE\plt\PERIOD1004.PLT" 43
  PLOTFILE PERIOD 1003 "C:\Users\elinard\Desktop\8MINUTE\plt\PERIOD1003.PLT" 44
OU FINISHED

```

\*\*\* Message Summary For AERMOD Model Setup \*\*\*

----- Summary of Total Messages -----

A Total of 0 Fatal Error Message(s)  
A Total of 2 Warning Message(s)  
A Total of 0 Informational Message(s)

\*\*\*\*\* FATAL ERROR MESSAGES \*\*\*\*\*  
\*\*\* NONE \*\*\*

\*\*\*\*\* WARNING MESSAGES \*\*\*\*\*  
CO W200 5 TITLES: Missing Parameter(s). No Options Specified For  
TITLEONE  
CO W200 6 TITLES: Missing Parameter(s). No Options Specified For  
TITLETWO

\*\*\*\*\*  
\*\*\* SETUP Finishes Successfully \*\*\*  
\*\*\*\*\*

\*\*\* AERMOD - VERSION 19191 \*\*\* \*\*  
\*\*\* 09/09/20  
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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* MODEL SETUP OPTIONS SUMMARY

\*\*\*

---  
\*\*Model Is Setup For Calculation of Average CONCentration Values.

-- DEPOSITION LOGIC --

\*\*NO GAS DEPOSITION Data Provided.  
\*\*NO PARTICLE DEPOSITION Data Provided.  
\*\*Model Uses NO DRY DEPLETION. DRYDPLT = F  
\*\*Model Uses NO WET DEPLETION. WETDPLT = F

\*\*Model Uses RURAL Dispersion Only.

\*\*Model Uses Regulatory DEFAULT Options:  
1. Stack-tip Downwash.  
2. Model Accounts for ELEVated Terrain Effects.  
3. Use Calms Processing Routine.  
4. Use Missing Data Processing Routine.  
5. No Exponential Decay.

**\*\*Other Options Specified:**

CCVR\_Sub - Meteorological data includes CCVR substitutions

TEMP\_Sub - Meteorological data includes TEMP substitutions

**\*\*Model Accepts FLAGPOLE Receptor Heights.**

**\*\*The User Specified a Pollutant Type of: OTHER**

**\*\*Model Calculates 1 Short Term Average(s) of: 1-HR  
and Calculates PERIOD Averages**

**\*\*This Run Includes: 7 Source(s); 7 Source Group(s); and 2755  
Receptor(s)**

with: 0 POINT(s), including  
0 POINTCAP(s) and 0 POINTHOR(s)  
and: 0 VOLUME source(s)  
and: 7 AREA type source(s)  
and: 0 LINE source(s)  
and: 0 RLINE/RLINEXT source(s)  
and: 0 OPENPIT source(s)  
and: 0 BUOYANT LINE source(s) with 0 line(s)

**\*\*Model Set To Continue RUNNING After the Setup Testing.**

**\*\*The AERMET Input Meteorological Data Version Date: 14134**

**\*\*Output Options Selected:**

Model Outputs Tables of PERIOD Averages by Receptor

Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE  
Keyword)

Model Outputs External File(s) of High Values for Plotting (PLOTFILE  
Keyword)

**\*\*NOTE: The Following Flags May Appear Following CONC Values: c for Calm Hours  
m for Missing Hours  
b for Both Calm and**

**Missing Hours**

**\*\*Misc. Inputs: Base Elev. for Pot. Temp. Profile (m MSL) = 694.30 ; Decay  
Coef. = 0.000 ; Rot. Angle = 0.0**

Emission Units = GRAMS/SEC ;

Emission Rate Unit Factor = 0.10000E+07

Output Units = MICROGRAMS/M\*\*3

**\*\*Approximate Storage Requirements of Model = 4.6 MB of RAM.**

**\*\*Input Runstream File: aermod.inp**

\*\*Output Print File: aermod.out

\*\*Detailed Error/Message File:  
C:\Users\elinard\Desktop\8MINUTE\8MINUTE\_AERMOD.ERR

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* AREAPOLY SOURCE DATA \*\*\*

INIT.	URBAN	NUMBER EMISSION RATE	LOCATION OF AREA	BASE	RELEASE	NUMBER
SOURCE	SOURCE	EMISSION RATE	X Y	ELEV.	HEIGHT	OF VERTS.
SZ	ID	SCALAR VARY	(METERS) (METERS)	(METERS)	(METERS)	
(METERS)		CATS. /METER**2)				
		BY				

1001A		0	0.81398E-06	442261.0	3871403.0	775.0	3.10	9
0.00	NO	HRDOW						
1001B		0	0.86316E-05	440693.0	3872567.0	757.0	3.10	7
0.00	NO	HRDOW						
1001C		0	0.49688E-05	440686.0	3872275.0	761.0	3.10	5
0.00	NO	HRDOW						
1002		0	0.24956E-06	437457.0	3871498.0	750.0	3.10	5
0.00	NO	HRDOW						
1005		0	0.96559E-06	433343.0	3874839.0	718.3	3.10	10
0.00	NO	HRDOW						
1004		0	0.54715E-06	435809.0	3873839.0	728.8	3.10	13
0.00	NO	HRDOW						
1003		0	0.35832E-06	435801.0	3871509.0	734.0	3.10	5
0.00	NO	HRDOW						

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* SOURCE IDs DEFINING SOURCE GROUPS \*\*\*

SRCGROUP ID  
-----

SOURCE IDs  
-----

1001A 1001A ,  
1001B 1001B ,  
1001C 1001C ,  
1002 1002 ,  
1005 1005 ,  
1004 1004 ,

1003 1003 ,  
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\*\*\* MODELOPTs: RegDFault CONC ELEV FLGPOL RURAL

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) \*

SOURCE ID = 1001A ; SOURCE TYPE = AREAPOLY :  
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR  
HOUR SCALAR HOUR SCALAR HOUR SCALAR

-----  
DAY OF WEEK = WEEKDAY  
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00  
6 .0000E+00 7 .6545E+01 8 .6545E+01  
9 .6545E+01 10 .6545E+01 11 .6545E+01 12 .6545E+01 13 .6545E+01  
14 .6545E+01 15 .6545E+01 16 .6545E+01  
17 .6545E+01 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00  
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY  
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00  
6 .0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00  
14 .0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00  
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY  
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00

6 .0000E+00 7 .0000E+00 8 .0000E+00  
 9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00  
 14 .0000E+00 15 .0000E+00 16 .0000E+00  
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00  
 22 .0000E+00 23 .0000E+00 24 .0000E+00

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) \*

SOURCE ID = 1001B ; SOURCE TYPE = AREAPOLY :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
------	--------	------	--------	------	--------	------	--------	------	--------

-----

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.6545E+01	8	.6545E+01				
9	.6545E+01	10	.6545E+01	11	.6545E+01	12	.6545E+01	13	.6545E+01
14	.6545E+01	15	.6545E+01	16	.6545E+01				
17	.6545E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00				

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.0000E+00	8	.0000E+00				
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00
14	.0000E+00	15	.0000E+00	16	.0000E+00				
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00				

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.0000E+00	8	.0000E+00				
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00
14	.0000E+00	15	.0000E+00	16	.0000E+00				
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00				

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) \*

SOURCE ID = 1001C ; SOURCE TYPE = AREAPOLY :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
------	--------	------	--------	------	--------	------	--------	------	--------

-----

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	
6	.0000E+00	7	.6545E+01	8	.6545E+01					
	9	.6545E+01	10	.6545E+01	11	.6545E+01	12	.6545E+01	13	.6545E+01
14	.6545E+01	15	.6545E+01	16	.6545E+01					
	17	.6545E+01	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00					

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	
6	.0000E+00	7	.0000E+00	8	.0000E+00					
	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00
14	.0000E+00	15	.0000E+00	16	.0000E+00					
	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00					

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	
6	.0000E+00	7	.0000E+00	8	.0000E+00					
	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00
14	.0000E+00	15	.0000E+00	16	.0000E+00					
	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00					

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) \*

SOURCE ID = 1002 ; SOURCE TYPE = AREAPOLY :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
------	--------	------	--------	------	--------	------	--------	------	--------

-----

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	
6	.0000E+00	7	.6545E+01	8	.6545E+01					
	9	.6545E+01	10	.6545E+01	11	.6545E+01	12	.6545E+01	13	.6545E+01
14	.6545E+01	15	.6545E+01	16	.6545E+01					

17 .6545E+01 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00  
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00  
6 .0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00  
14 .0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00  
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00  
6 .0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00  
14 .0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00  
22 .0000E+00 23 .0000E+00 24 .0000E+00

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) \*

SOURCE ID = 1005 ; SOURCE TYPE = AREAPOLY :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR  
HOUR SCALAR HOUR SCALAR HOUR SCALAR

-----  
-----

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00  
6 .0000E+00 7 .6545E+01 8 .6545E+01  
9 .6545E+01 10 .6545E+01 11 .6545E+01 12 .6545E+01 13 .6545E+01  
14 .6545E+01 15 .6545E+01 16 .6545E+01  
17 .6545E+01 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00  
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00  
6 .0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00  
14 .0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00  
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00  
6 .0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00



14 .0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00  
22 .0000E+00 23 .0000E+00 24 .0000E+00

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) \*

SOURCE ID = 1004 ; SOURCE TYPE = AREAPOLY :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR  
HOUR SCALAR HOUR SCALAR HOUR SCALAR

-----  
-----

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00  
6 .0000E+00 7 .6545E+01 8 .6545E+01  
9 .6545E+01 10 .6545E+01 11 .6545E+01 12 .6545E+01 13 .6545E+01  
14 .6545E+01 15 .6545E+01 16 .6545E+01  
17 .6545E+01 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00  
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00  
6 .0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00  
14 .0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00  
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00  
6 .0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00  
14 .0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00  
22 .0000E+00 23 .0000E+00 24 .0000E+00

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) \*

SOURCE ID = 1003 ; SOURCE TYPE = AREAPOLY :  
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR  
HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY  
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00  
6 .0000E+00 7 .6545E+01 8 .6545E+01  
9 .6545E+01 10 .6545E+01 11 .6545E+01 12 .6545E+01 13 .6545E+01  
14 .6545E+01 15 .6545E+01 16 .6545E+01  
17 .6545E+01 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00  
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY  
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00  
6 .0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00  
14 .0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00  
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY  
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00  
6 .0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00  
14 .0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00  
22 .0000E+00 23 .0000E+00 24 .0000E+00

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* GRIDDED RECEPTOR NETWORK SUMMARY \*\*\*

\*\*\* NETWORK ID: COURSE ; NETWORK TYPE: GRIDCART

\*\*\*

\*\*\* X-COORDINATES OF GRID \*\*\*  
(METERS)

430733.0, 431233.0, 431733.0, 432233.0, 432733.0, 433233.0, 433733.0,  
434233.0, 434733.0, 435233.0,  
435733.0, 436233.0, 436733.0, 437233.0, 437733.0, 438233.0, 438733.0,  
439233.0, 439733.0, 440233.0,  
440733.0, 441233.0, 441733.0, 442233.0, 442733.0, 443233.0, 443733.0,  
444233.0, 444733.0, 445233.0,  
445733.0,

\*\*\* Y-COORDINATES OF GRID \*\*\*  
(METERS)

3864761.0, 3865261.0, 3865761.0, 3866261.0, 3866761.0, 3867261.0, 3867761.0,  
3868261.0, 3868761.0, 3869261.0,  
3869761.0, 3870261.0, 3870761.0, 3871261.0, 3871761.0, 3872261.0, 3872761.0,  
3873261.0, 3873761.0, 3874261.0,  
3874761.0, 3875261.0, 3875761.0, 3876261.0, 3876761.0, 3877261.0, 3877761.0,  
3878261.0, 3878761.0, 3879261.0,  
3879761.0,

▲ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*\*  
\*\*\* 09/09/20  
\*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*  
\*\*\* 22:25:03

PAGE 12

\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\*\*\* NETWORK ID: COURSE ; NETWORK TYPE: GRIDCART

\*\*\*

\* ELEVATION HEIGHTS IN METERS \*

Y-COORD (METERS)	430733.00	431233.00	431733.00	432233.00	432733.00
433233.00	433733.00	434233.00	434733.00		

3879761.00	744.00	779.70	750.30	737.30	737.90
739.30	743.20	743.10	749.90		
3879261.00	730.50	744.90	743.90	734.60	734.90
737.10	746.00	738.90	741.00		
3878761.00	725.80	729.60	732.10	732.60	732.60
734.30	734.30	737.60	737.60		
3878261.00	725.30	728.10	730.00	729.30	730.00
731.30	734.00	735.70	736.40		
3877761.00	723.00	725.50	726.30	726.50	727.60
729.00	732.50	733.40	733.30		
3877261.00	720.50	722.10	723.60	724.20	725.40
727.40	729.20	731.50	732.30		
3876761.00	718.40	720.00	721.10	722.00	723.90
725.10	727.20	728.40	728.50		
3876261.00	717.20	718.40	719.30	720.50	722.10
724.20	725.60	726.40	727.00		
3875761.00	714.90	716.10	717.30	719.30	720.50
722.30	724.40	723.90	725.40		
3875261.00	712.60	713.80	716.30	717.30	718.70
719.80	721.70	721.80	723.00		

3874761.00		711.10	712.90	714.50	716.30	716.60
717.70		718.70	719.40	721.80		
3874261.00		710.20	711.10	713.20	713.50	715.70
715.70		717.50	719.30	721.20		
3873761.00		709.90	710.40	711.40	712.30	713.20
714.40		716.00	718.40	720.80		
3873261.00		707.20	709.60	709.00	709.00	711.20
713.00		715.00	718.00	721.00		
3872761.00		706.40	707.60	709.00	709.00	711.00
713.00		715.00	718.00	722.00		
3872261.00		705.00	706.20	707.00	709.00	710.90
712.80		715.00	719.00	723.00		
3871761.00		704.10	705.60	707.00	707.00	710.30
713.00		715.00	719.00	724.00		
3871261.00		701.60	704.10	707.00	707.00	710.00
713.00		715.20	720.00	724.00		
3870761.00		700.70	701.50	707.00	707.00	709.00
712.00		715.00	719.10	723.80		
3870261.00		698.00	700.80	702.60	707.40	707.00
713.00		714.40	718.00	722.00		
3869761.00		696.00	699.10	707.00	707.00	707.00
713.00		714.00	716.00	721.00		
3869261.00		696.20	701.00	705.00	714.40	707.00
709.70		712.90	714.00	723.80		
3868761.00		704.40	704.10	707.60	708.00	709.00
710.00		713.00	720.90	730.60		
3868261.00		709.20	710.40	711.50	711.50	711.00
713.00		719.00	729.60	741.30		
3867761.00		719.10	717.90	716.00	715.00	715.00
717.80		726.40	736.30	750.90		
3867261.00		728.10	725.90	722.80	719.00	718.10
724.00		733.40	747.90	762.60		
3866761.00		748.20	740.30	739.90	727.60	724.00
732.40		744.40	762.60	781.70		
3866261.00		765.50	749.40	737.20	729.00	732.00
741.90		758.60	774.50	801.90		
3865761.00		762.60	743.50	734.00	730.30	737.00
751.40		769.30	794.00	832.00		
3865261.00		741.80	731.00	727.80	736.90	744.60
761.30		781.90	808.20	875.20		
3864761.00		724.10	725.10	732.00	744.10	754.30
767.80		789.90	818.20	856.60		

▲ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*\*  
   \*\*\*          09/09/20  
 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*  
   \*\*\*          22:25:03

\*\*\* NETWORK ID: COURSE ; NETWORK TYPE: GRIDCART

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\* ELEVATION HEIGHTS IN METERS \*

Y-COORD (METERS)	435233.00	435733.00	436233.00	436733.00	X-COORD (METERS) 437233.00
437733.00	438233.00	438733.00	439233.00		
-----					
3879761.00	743.40	746.10	755.60	757.60	755.90
759.70	765.40	771.40	775.90		
3879261.00	740.90	743.80	778.00	789.80	792.10
762.50	771.20	768.70	774.40		
3878761.00	740.70	761.90	778.00	774.00	778.10
768.80	761.40	767.50	774.20		
3878261.00	753.10	748.40	771.60	749.70	727.00
731.70	756.20	761.40	766.60		
3877761.00	733.30	735.90	740.40	680.00	616.00
666.00	752.90	755.90	762.00		
3877261.00	732.40	733.50	736.20	738.80	737.60
749.00	749.60	753.70	757.30		
3876761.00	728.60	730.90	734.30	737.10	746.60
750.90	746.40	749.80	756.10		
3876261.00	727.90	728.90	731.20	734.00	741.20
740.90	742.70	749.20	764.20		
3875761.00	725.40	726.80	728.60	732.60	736.30
737.60	747.70	754.60	772.00		
3875261.00	724.50	725.70	728.70	731.50	734.50
736.60	744.20	757.50	769.90		
3874761.00	723.90	725.50	728.50	730.70	732.70
734.60	742.30	753.50	773.70		
3874261.00	724.00	727.40	728.20	731.40	732.90
734.30	736.70	743.80	760.00		
3873761.00	724.30	727.90	730.80	734.40	735.80
737.70	737.60	737.90	740.60		
3873261.00	725.00	729.00	733.00	737.40	739.40
740.10	741.50	741.50	743.30		
3872761.00	727.00	732.00	736.00	739.70	744.00
746.00	747.50	747.00	748.00		
3872261.00	728.00	733.00	737.20	741.40	746.00
750.00	752.00	753.00	755.10		
3871761.00	728.40	733.10	738.00	742.40	747.10
752.00	756.80	761.80	766.60		
3871261.00	729.00	734.00	737.40	743.00	749.50
756.00	761.70	762.40	769.90		
3870761.00	728.40	734.00	740.10	747.50	762.00
765.10	773.10	773.10	770.80		
3870261.00	728.00	735.00	742.00	750.00	758.10

767.00	774.00	780.00	779.80			
3869761.00	728.40	738.10	746.90	758.20	766.50	
782.90	789.00	785.50	786.00			
3869261.00	734.00	745.10	757.10	770.10	783.10	
812.20	821.50	795.10	795.10			
3868761.00	742.80	755.90	767.60	783.30	799.90	
815.40	829.60	812.50	806.80			
3868261.00	754.90	769.60	782.50	801.10	827.20	
888.40	913.70	835.40	818.60			
3867761.00	765.40	785.30	803.70	826.60	873.80	
982.60	919.80	846.80	829.00			
3867261.00	779.90	798.50	823.40	857.60	968.80	
991.30	934.10	854.70	843.00			
3866761.00	804.60	831.30	871.60	926.00	990.00	
925.00	890.10	867.90	858.50			
3866261.00	827.60	866.90	960.40	938.00	933.50	
931.30	901.80	887.20	879.00			
3865761.00	901.90	951.10	939.10	930.10	919.30	
930.90	922.70	924.30	904.40			
3865261.00	916.70	931.40	917.90	910.80	904.50	
907.50	909.80	918.10	930.40			
3864761.00	901.00	903.00	898.00	910.30	893.80	
893.80	902.00	917.70	925.70			

\*\*\* AERMOD - VERSION 19191 \*\*\* \*\*  
 \*\*\* \*\* 09/09/20  
 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*  
 \*\*\* \*\* 22:25:03

PAGE 14

\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\*\*\* NETWORK ID: COURSE ; NETWORK TYPE: GRIDCART

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\* ELEVATION HEIGHTS IN METERS \*

Y-COORD					X-COORD (METERS)	
(METERS)		439733.00	440233.00	440733.00	441233.00	441733.00
442233.00		442733.00	443233.00	443733.00		

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3879761.00	782.20	788.80	795.40	802.10	807.40	
825.10	855.30	882.50	831.70			
3879261.00	780.20	786.50	791.90	797.90	802.40	
817.70	840.80	829.40	822.70			
3878761.00	776.00	780.80	785.60	789.90	795.40	
804.40	825.40	835.30	814.00			
3878261.00	770.80	773.80	779.30	785.40	790.30	
795.20	804.40	820.00	810.70			

3877761.00		766.00	773.40	782.90	781.00	781.40
787.60		794.30	802.10	804.30		
3877261.00		762.80	765.40	774.30	775.60	775.20
778.70		783.50	789.40	794.50		
3876761.00		763.40	774.20	769.30	768.10	770.50
773.50		776.40	780.90	785.90		
3876261.00		768.50	763.90	764.20	771.70	783.70
774.90		771.50	776.10	778.60		
3875761.00		760.90	755.50	762.00	793.80	794.60
775.50		766.60	770.00	770.00		
3875261.00		773.70	753.10	754.80	762.60	767.40
764.10		762.30	763.20	763.80		
3874761.00		781.80	749.80	748.90	752.50	756.00
757.80		759.20	757.80	760.20		
3874261.00		750.60	744.90	749.20	749.40	752.00
753.60		754.50	755.50	757.30		
3873761.00		743.30	745.00	746.50	748.60	750.50
753.10		755.30	754.80	755.40		
3873261.00		745.50	747.90	750.20	752.10	753.10
755.30		758.00	759.70	759.50		
3872761.00		751.70	753.50	755.00	756.50	759.10
761.90		763.00	764.00	766.00		
3872261.00		758.10	760.00	761.10	761.00	763.20
767.80		768.00	769.10	771.10		
3871761.00		768.00	767.00	767.90	767.80	768.00
771.00		774.00	775.70	777.00		
3871261.00		771.50	772.00	772.90	774.00	774.00
776.00		780.00	783.00	783.40		
3870761.00		776.10	779.90	780.00	780.50	786.10
783.10		786.10	791.90	792.00		
3870261.00		774.00	786.10	786.00	788.30	795.10
806.40		803.40	798.80	798.80		
3869761.00		784.50	783.10	794.80	802.20	806.50
810.00		823.00	810.00	811.30		
3869261.00		794.00	790.10	798.70	815.50	824.40
826.10		824.10	818.00	822.80		
3868761.00		802.50	796.80	796.80	817.30	847.10
844.60		838.00	827.90	829.80		
3868261.00		811.30	803.50	800.50	804.00	818.60
835.80		844.60	834.10	827.20		
3867761.00		823.60	813.90	809.00	809.00	810.00
814.70		825.30	840.90	829.00		
3867261.00		834.80	824.70	818.80	816.80	816.80
816.80		818.00	823.40	836.00		
3866761.00		851.80	842.40	835.50	830.50	826.50
825.50		824.00	827.10	833.80		
3866261.00		880.30	868.20	855.50	846.10	838.00
834.00		832.60	833.20	834.00		
3865761.00		912.00	895.70	877.90	863.20	853.70
846.00		840.90	842.00	841.00		

3865261.00		938.70	926.30	897.20	879.00	865.90
855.60		851.50	848.00	846.90		
3864761.00		939.40	942.10	909.90	891.60	876.00
865.20		859.10	853.90	852.10		

^ \*\*\* AERMOD - VERSION 19191 \*\*\*  
                               \*\*\*                  09/09/20  
 \*\*\* AERMET - VERSION 14134 \*\*\*  
                               \*\*\*                  22:25:03

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* NETWORK ID: COURSE ; NETWORK TYPE: GRIDCART

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\* ELEVATION HEIGHTS IN METERS \*

Y-COORD (METERS)		444233.00	444733.00	445233.00	X-COORD (METERS) 445733.00
3879761.00		841.70	833.10	828.40	820.70
3879261.00		829.20	823.90	818.10	814.30
3878761.00		818.80	816.90	813.90	807.50
3878261.00		814.00	808.00	805.10	801.00
3877761.00		805.20	798.30	798.20	796.70
3877261.00		795.90	789.40	790.70	791.70
3876761.00		785.80	783.30	786.30	786.10
3876261.00		778.60	777.10	786.30	782.20
3875761.00		770.80	777.70	780.40	777.20
3875261.00		767.30	767.80	771.20	772.70
3874761.00		762.50	761.80	762.30	765.10
3874261.00		758.30	758.30	759.50	761.40
3873761.00		756.90	757.10	756.40	757.40
3873261.00		760.70	761.70	759.20	757.40
3872761.00		767.00	767.50	765.60	762.00
3872261.00		774.00	774.00	770.00	767.00
3871761.00		780.80	778.00	774.00	771.90
3871261.00		786.80	783.90	780.00	777.50
3870761.00		792.00	792.00	787.30	787.10
3870261.00		798.00	798.10	801.80	799.80
3869761.00		805.00	814.60	830.60	814.20
3869261.00		816.80	818.00	828.20	823.00
3868761.00		817.10	822.70	835.40	827.90
3868261.00		823.00	831.20	839.40	847.90
3867761.00		828.00	835.10	849.70	860.90
3867261.00		836.00	838.10	846.80	853.40
3866761.00		840.00	846.50	851.60	854.90
3866261.00		840.00	851.10	865.10	867.10



3865761.00		843.00	852.80	864.80	885.80
3865261.00		846.70	855.10	865.90	879.40
3864761.00		852.00	859.20	874.90	893.00

^ \*\*\* AERMOD - VERSION 19191 \*\*\*      \*\*\*  
    \*\*\*      09/09/20  
 \*\*\* AERMET - VERSION 14134 \*\*\*      \*\*\*  
    \*\*\*      22:25:03

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\*\*\* MODELOPTs:    RegDFault    CONC    ELEV    FLGPOL    RURAL

\*\*\* NETWORK ID: COURSE    ;    NETWORK TYPE: GRIDCART

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\* HILL HEIGHT SCALES IN METERS \*

Y-COORD					X-COORD (METERS)
(METERS)		430733.00	431233.00	431733.00	432233.00    432733.00
433233.00		433733.00	434233.00	434733.00	

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3879761.00		744.00	798.90	798.90	737.30	737.90
739.30		743.20	743.10	779.40		
3879261.00		730.50	798.90	762.30	734.60	734.90
737.10		753.50	738.90	741.00		
3878761.00		750.40	729.60	732.10	732.60	732.60
753.20		734.30	737.60	737.60		
3878261.00		725.30	728.10	730.00	729.30	730.00
731.30		734.00	735.70	736.40		
3877761.00		723.00	725.50	726.30	726.50	727.60
729.00		732.50	733.40	733.30		
3877261.00		720.50	722.10	723.60	724.20	725.40
727.40		729.20	731.50	732.30		
3876761.00		718.40	720.00	721.10	722.00	723.90
725.10		727.20	728.40	728.50		
3876261.00		717.20	718.40	719.30	720.50	722.10
724.20		725.60	726.40	727.00		
3875761.00		714.90	716.10	717.30	719.30	720.50
722.30		724.40	723.90	725.40		
3875261.00		712.60	713.80	716.30	717.30	718.70
719.80		721.70	721.80	723.00		
3874761.00		711.10	712.90	714.50	716.30	716.60
717.70		718.70	719.40	721.80		
3874261.00		710.20	711.10	713.20	713.50	715.70
715.70		717.50	719.30	721.20		
3873761.00		709.90	710.40	711.40	712.30	713.20
714.40		716.00	718.40	720.80		
3873261.00		707.20	709.60	709.00	709.00	711.20
713.00		715.00	718.00	721.00		

3872761.00		706.40	707.60	709.00	709.00	711.00
713.00		715.00	718.00	722.00		
3872261.00		705.00	706.20	707.00	709.00	710.90
712.80		715.00	719.00	723.00		
3871761.00		704.10	705.60	707.00	707.00	710.30
713.00		715.00	719.00	724.00		
3871261.00		701.60	704.10	707.00	707.00	710.00
713.00		715.20	720.00	724.00		
3870761.00		700.70	701.50	707.00	707.00	709.00
712.00		715.00	719.10	723.80		
3870261.00		698.00	700.80	702.60	707.40	707.00
713.00		714.40	718.00	722.00		
3869761.00		696.00	699.10	707.00	707.00	707.00
713.00		714.00	716.00	721.00		
3869261.00		696.20	701.00	705.00	714.40	707.00
709.70		712.90	714.00	723.80		
3868761.00		704.40	704.10	707.60	708.00	709.00
710.00		713.00	720.90	730.60		
3868261.00		709.20	710.40	711.50	711.50	711.00
713.00		719.00	729.60	741.30		
3867761.00		719.10	717.90	716.00	715.00	715.00
717.80		726.40	736.30	965.00		
3867261.00		728.10	725.90	722.80	719.00	718.10
724.00		733.40	961.00	970.00		
3866761.00		748.20	740.30	750.00	727.60	724.00
732.40		941.00	961.00	971.00		
3866261.00		765.50	749.40	737.20	729.00	732.00
741.90		961.00	961.00	971.00		
3865761.00		766.00	743.50	734.00	730.30	737.00
751.40		941.00	961.00	961.00		
3865261.00		774.80	731.00	727.80	736.90	744.60
761.30		933.00	961.00	933.00		
3864761.00		724.10	725.10	732.00	744.10	754.30
767.80		789.90	922.00	922.00		

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^ *** AERMOD - VERSION 19191 ***
                      ***          09/09/20

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*** AERMET - VERSION 14134 ***
                      ***          22:25:03

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*** MODELOPTs:   RegDEFAULT CONC ELEV FLGPOL RURAL

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*** NETWORK ID: COURSE   ; NETWORK TYPE: GRIDCART

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\* HILL HEIGHT SCALES IN METERS \*

Y-COORD (METERS)		435233.00	435733.00	436233.00	436733.00	437233.00
437733.00		438233.00	438733.00	439233.00		

3879761.00	743.40	746.10	772.10	789.40	783.30
759.70	765.40	771.40	775.90		
3879261.00	740.90	767.50	778.00	789.80	792.10
783.00	779.70	768.70	774.40		
3878761.00	765.00	761.90	795.20	795.50	780.30
777.20	761.40	767.50	774.20		
3878261.00	753.10	764.70	771.60	749.70	788.20
774.20	756.20	761.40	789.40		
3877761.00	733.30	735.90	740.40	795.50	797.70
780.30	752.90	755.90	762.00		
3877261.00	732.40	733.50	736.20	738.80	737.60
749.00	749.60	753.70	757.30		
3876761.00	728.60	730.90	734.30	737.10	746.60
750.90	746.40	749.80	756.10		
3876261.00	727.90	728.90	731.20	734.00	741.20
740.90	742.70	749.20	801.00		
3875761.00	725.40	726.80	728.60	732.60	736.30
737.60	747.70	754.60	790.00		
3875261.00	724.50	725.70	728.70	731.50	734.50
736.60	744.20	757.50	769.90		
3874761.00	723.90	725.50	728.50	730.70	732.70
734.60	742.30	753.50	789.10		
3874261.00	724.00	727.40	728.20	731.40	732.90
734.30	736.70	743.80	762.00		
3873761.00	724.30	727.90	730.80	734.40	735.80
737.70	737.60	737.90	740.60		
3873261.00	725.00	729.00	733.00	737.40	739.40
740.10	741.50	741.50	743.30		
3872761.00	727.00	732.00	736.00	739.70	744.00
746.00	747.50	747.00	748.00		
3872261.00	728.00	733.00	737.20	741.40	746.00
750.00	752.00	753.00	755.10		
3871761.00	728.40	733.10	738.00	742.40	747.10
752.00	756.80	761.80	766.60		
3871261.00	729.00	734.00	737.40	743.00	749.50
756.00	761.70	762.40	769.90		
3870761.00	728.40	734.00	740.10	747.50	762.00
765.10	773.10	773.10	770.80		
3870261.00	728.00	735.00	742.00	750.00	899.00
899.00	899.00	899.00	779.80		
3869761.00	728.40	738.10	1015.00	1034.00	1034.00
1034.00	1023.00	970.00	786.00		
3869261.00	734.00	1026.00	1034.00	1034.00	1034.00
1034.00	1034.00	1034.00	1034.00		
3868761.00	1026.00	1034.00	1034.00	1034.00	1034.00
1034.00	1034.00	1034.00	1034.00		
3868261.00	1026.00	1034.00	1034.00	1034.00	1034.00

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1034.00      1034.00      1034.00      1034.00
3867761.00 |          1026.00      1034.00      1034.00      1034.00      1034.00
1034.00      1034.00      1034.00      1034.00
3867261.00 |          1026.00      1034.00      1034.00      1034.00      1026.00
1034.00      1034.00      1034.00      1034.00
3866761.00 |          971.00      1026.00      1026.00      1026.00      1001.00
1034.00      1034.00      1034.00      1034.00
3866261.00 |          971.00      971.00      960.40      972.00      1001.00
996.00      1034.00      1034.00      879.00
3865761.00 |          961.00      961.00      971.00      957.00      926.00
964.00      964.00      945.00      904.40
3865261.00 |          916.70      941.00      917.90      946.00      904.50
907.50      909.80      918.10      930.40
3864761.00 |          909.00      903.00      898.00      910.30      893.80
893.80      902.00      917.70      925.70

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^ *** AERMOD - VERSION 19191 ***

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09/09/20

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*** AERMET - VERSION 14134 ***

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22:25:03

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*** MODELOPTs: RegDFault CONC ELEV FLGPOL RURAL

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*** NETWORK ID: COURSE ; NETWORK TYPE: GRIDCART

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\* HILL HEIGHT SCALES IN METERS \*

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      Y-COORD |
      (METERS) |          439733.00      440233.00      440733.00      441233.00      441733.00
442233.00 | 442733.00      443233.00      443733.00

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3879761.00 |          782.20      788.80      795.40      802.10      807.40
939.10      939.10      939.10      939.10
3879261.00 |          780.20      786.50      791.90      797.90      802.40
939.10      939.10      939.10      939.10
3878761.00 |          776.00      780.80      785.60      789.90      795.40
935.70      935.70      935.70      935.70
3878261.00 |          770.80      773.80      779.30      785.40      790.30
795.20      804.40      820.00      810.70
3877761.00 |          766.00      773.40      782.90      781.00      781.40
787.60      794.30      802.10      804.30
3877261.00 |          762.80      765.40      774.30      775.60      775.20
778.70      783.50      789.40      794.50
3876761.00 |          763.40      774.20      769.30      768.10      770.50
773.50      776.40      780.90      785.90
3876261.00 |          801.00      763.90      764.20      771.70      783.70
812.90      771.50      776.10      778.60

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\*\*\* NETWORK ID: COURSE ; NETWORK TYPE: GRIDCART

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\* HILL HEIGHT SCALES IN METERS \*

Y-COORD (METERS)	444233.00	444733.00	445233.00	X-COORD (METERS) 445733.00
3879761.00	841.70	833.10	828.40	820.70
3879261.00	829.20	823.90	818.10	814.30
3878761.00	818.80	816.90	813.90	807.50
3878261.00	814.00	808.00	805.10	801.00
3877761.00	805.20	798.30	798.20	796.70
3877261.00	795.90	789.40	790.70	791.70
3876761.00	785.80	783.30	786.30	786.10
3876261.00	778.60	777.10	786.30	782.20
3875761.00	770.80	777.70	780.40	777.20
3875261.00	767.30	767.80	771.20	772.70
3874761.00	762.50	761.80	762.30	765.10
3874261.00	758.30	758.30	759.50	761.40
3873761.00	756.90	757.10	756.40	757.40
3873261.00	760.70	761.70	759.20	757.40
3872761.00	767.00	767.50	765.60	762.00
3872261.00	774.00	774.00	770.00	767.00
3871761.00	780.80	778.00	774.00	771.90
3871261.00	786.80	783.90	780.00	777.50
3870761.00	792.00	792.00	787.30	787.10
3870261.00	798.00	798.10	801.80	799.80
3869761.00	805.00	814.60	830.60	814.20
3869261.00	823.00	818.00	828.20	823.00
3868761.00	817.10	822.70	835.40	827.90
3868261.00	823.00	831.20	842.00	860.00
3867761.00	828.00	835.10	849.70	860.90
3867261.00	836.00	838.10	846.80	853.40
3866761.00	840.00	846.50	851.60	854.90
3866261.00	840.00	851.10	865.10	867.10
3865761.00	843.00	852.80	864.80	885.80
3865261.00	846.70	855.10	865.90	910.00
3864761.00	852.00	859.20	874.90	893.00

▲ \*\*\* AERMOD - VERSION 19191 \*\*\*  
 \*\*\* 09/09/20  
 \*\*\* AERMET - VERSION 14134 \*\*\*  
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3870761.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3870261.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3869761.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3869261.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3868761.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3868261.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3867761.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3867261.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3866761.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3866261.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3865761.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3865261.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3864761.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		

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^ *** AERMOD - VERSION 19191 *** ***
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*** AERMET - VERSION 14134 *** ***
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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* NETWORK ID: COURSE ; NETWORK TYPE: GRIDCART

\*\*\*

\* RECEPTOR FLAGPOLE HEIGHTS IN METERS \*

Y-COORD						X-COORD (METERS)	
(METERS)		435233.00	435733.00	436233.00	436733.00	437233.00	
437733.00		438233.00	438733.00	439233.00			

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3879761.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3879261.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3878761.00		1.20	1.20	1.20	1.20	1.20	1.20







3873761.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3873261.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3872761.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3872261.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3871761.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3871261.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3870761.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3870261.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3869761.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3869261.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3868761.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3868261.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3867761.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3867261.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3866761.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3866261.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3865761.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3865261.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3864761.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		

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^ *** AERMOD - VERSION 19191 *** ***
***                               09/09/20
*** AERMET - VERSION 14134 *** ***
***                               22:25:03

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* NETWORK ID: COURSE ; NETWORK TYPE: GRIDCART

\*\*\*

\* RECEPTOR FLAGPOLE HEIGHTS IN METERS \*

Y-COORD  
(METERS)

444233.00

444733.00

445233.00

X-COORD (METERS)  
445733.00

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-----  
3879761.00 | 1.20 1.20 1.20 1.20  
3879261.00 | 1.20 1.20 1.20 1.20  
3878761.00 | 1.20 1.20 1.20 1.20  
3878261.00 | 1.20 1.20 1.20 1.20  
3877761.00 | 1.20 1.20 1.20 1.20  
3877261.00 | 1.20 1.20 1.20 1.20  
3876761.00 | 1.20 1.20 1.20 1.20  
3876261.00 | 1.20 1.20 1.20 1.20  
3875761.00 | 1.20 1.20 1.20 1.20  
3875261.00 | 1.20 1.20 1.20 1.20  
3874761.00 | 1.20 1.20 1.20 1.20  
3874261.00 | 1.20 1.20 1.20 1.20  
3873761.00 | 1.20 1.20 1.20 1.20  
3873261.00 | 1.20 1.20 1.20 1.20  
3872761.00 | 1.20 1.20 1.20 1.20  
3872261.00 | 1.20 1.20 1.20 1.20  
3871761.00 | 1.20 1.20 1.20 1.20  
3871261.00 | 1.20 1.20 1.20 1.20  
3870761.00 | 1.20 1.20 1.20 1.20  
3870261.00 | 1.20 1.20 1.20 1.20  
3869761.00 | 1.20 1.20 1.20 1.20  
3869261.00 | 1.20 1.20 1.20 1.20  
3868761.00 | 1.20 1.20 1.20 1.20  
3868261.00 | 1.20 1.20 1.20 1.20  
3867761.00 | 1.20 1.20 1.20 1.20  
3867261.00 | 1.20 1.20 1.20 1.20  
3866761.00 | 1.20 1.20 1.20 1.20  
3866261.00 | 1.20 1.20 1.20 1.20  
3865761.00 | 1.20 1.20 1.20 1.20  
3865261.00 | 1.20 1.20 1.20 1.20  
3864761.00 | 1.20 1.20 1.20 1.20

▲ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*  
\*\*\* 09/09/20  
\*\*\* AERMET - VERSION 14134 \*\*\* \*\*  
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\*\*\* MODELOPTs: RegDFault CONC ELEV FLGPOL RURAL

\*\*\* GRIDDED RECEPTOR NETWORK SUMMARY \*\*\*

\*\*\* NETWORK ID: DESERTL ; NETWORK TYPE: GRIDCART

\*\*\*

\*\*\* X-COORDINATES OF GRID \*\*\*  
(METERS)

435850.4, 435900.4, 435950.4, 436000.4, 436050.4, 436100.4, 436150.4,  
436200.4, 436250.4, 436300.4,  
436350.4, 436400.4, 436450.4, 436500.4, 436550.4, 436600.4, 436650.4,  
436700.4, 436750.4, 436800.4,  
436850.4,

\*\*\* Y-COORDINATES OF GRID \*\*\*  
(METERS)

3873157.0, 3873207.0, 3873257.0, 3873307.0, 3873357.0, 3873407.0, 3873457.0,  
3873507.0, 3873557.0, 3873607.0,  
3873657.0, 3873707.0, 3873757.0, 3873807.0, 3873857.0, 3873907.0, 3873957.0,  
3874007.0, 3874057.0, 3874107.0,  
3874157.0,

▲ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*\*  
\*\*\* 09/09/20  
\*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*  
\*\*\* 22:25:03

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* NETWORK ID: DESERTL ; NETWORK TYPE: GRIDCART

\*\*\*

\* ELEVATION HEIGHTS IN METERS \*

Y-COORD (METERS)	435850.40	435900.40	435950.40	436000.40	436050.40
436100.40	436150.40	436200.40	436250.40		

3874157.00	731.80	729.80	728.90	728.50	728.50
728.50	728.50	728.50	728.60		
3874107.00	731.10	730.30	729.30	729.10	728.80
728.60	728.50	728.70	729.60		
3874057.00	728.40	728.60	729.10	729.10	729.10
728.90	729.00	729.90	731.20		
3874007.00	728.50	728.50	728.80	728.80	728.80
729.10	729.40	730.10	731.00		
3873957.00	730.70	728.50	728.50	728.50	728.50
728.80	729.40	730.20	730.80		
3873907.00	729.80	728.50	728.50	728.50	728.50
728.90	729.40	730.10	730.70		
3873857.00	728.50	728.50	728.50	728.50	728.50
728.60	729.40	730.10	730.70		

3873807.00		728.50	728.50	728.50	728.50	728.50
728.90		729.60	730.20	730.80		
3873757.00		728.50	728.50	728.50	728.60	728.70
729.20		729.80	730.30	731.00		
3873707.00		728.50	728.50	728.50	728.80	729.10
729.50		730.00	730.50	731.00		
3873657.00		728.50	728.50	728.50	728.70	729.30
729.80		730.30	730.70	731.20		
3873607.00		728.50	728.50	728.50	728.90	729.50
730.20		730.70	730.90	731.30		
3873557.00		728.50	728.50	728.50	729.10	729.80
730.50		731.20	731.20	731.30		
3873507.00		728.50	728.50	728.60	729.30	730.20
730.90		731.50	731.70	731.70		
3873457.00		728.50	728.50	729.00	729.80	730.60
731.20		731.60	731.90	732.00		
3873407.00		728.80	729.10	729.60	730.30	730.80
731.30		731.80	732.00	732.40		
3873357.00		729.10	729.50	730.10	730.80	731.20
731.50		731.70	732.30	732.70		
3873307.00		729.40	730.00	730.60	731.20	731.70
731.70		731.70	732.40	732.90		
3873257.00		730.00	730.00	731.00	731.00	732.00
732.00		732.00	732.70	733.00		
3873207.00		730.00	730.40	731.00	731.00	731.90
732.00		732.00	732.90	733.80		
3873157.00		730.00	731.00	731.00	731.30	732.00
732.10		733.00	733.20	734.00		

^ \*\*\* AERMOD - VERSION 19191 \*\*\*  
 \*\*\* 09/09/20  
 \*\*\* AERMET - VERSION 14134 \*\*\*  
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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* NETWORK ID: DESERTL ; NETWORK TYPE: GRIDCART

\*\*\*

\* ELEVATION HEIGHTS IN METERS \*

Y-COORD (METERS)		X-COORD (METERS)				
		436300.40	436350.40	436400.40	436450.40	436500.40
436550.40		436600.40	436650.40	436700.40		

3874157.00		728.50	728.50	728.90	730.00	731.00
731.10		730.90	731.40	731.60		
3874107.00		730.10	729.80	730.30	730.80	731.40

731.50	731.40	731.50	731.80			
3874057.00	731.50	731.30	731.30	731.30	731.50	
731.80	731.80	731.90	732.20			
3874007.00	731.50	731.50	731.50	731.50	731.50	
731.60	731.80	732.30	732.50			
3873957.00	731.20	731.50	731.50	731.70	731.70	
731.70	732.00	732.50	732.80			
3873907.00	731.20	731.70	731.80	731.80	731.90	
732.00	732.50	732.80	733.20			
3873857.00	731.20	731.70	731.90	732.10	732.10	
732.50	732.70	733.20	733.50			
3873807.00	731.50	731.70	732.10	732.30	732.60	
732.80	733.00	733.40	733.90			
3873757.00	731.50	731.80	732.20	732.40	732.70	
732.90	733.40	733.60	734.20			
3873707.00	731.50	732.00	732.20	732.70	732.90	
733.20	733.60	733.90	734.40			
3873657.00	731.50	732.00	732.20	732.70	733.00	
733.40	733.80	734.10	734.40			
3873607.00	731.80	732.10	732.50	732.70	733.30	
733.80	734.30	734.30	734.60			
3873557.00	731.80	732.10	732.50	733.00	733.30	
733.80	734.30	734.60	734.70			
3873507.00	731.70	732.30	732.70	733.20	733.60	
734.00	734.30	734.80	735.20			
3873457.00	732.20	732.70	732.90	733.40	733.70	
734.10	734.30	734.80	735.30			
3873407.00	732.70	732.90	733.20	733.60	733.90	
734.10	734.30	735.00	735.60			
3873357.00	732.90	733.30	733.60	733.80	734.10	
734.40	734.80	735.40	736.10			
3873307.00	733.40	733.60	733.80	734.10	734.50	
734.70	735.30	736.00	736.70			
3873257.00	734.00	734.00	734.40	735.00	735.00	
736.00	736.00	736.70	737.40			
3873207.00	734.00	734.40	735.00	735.00	735.90	
736.00	736.60	737.00	737.80			
3873157.00	734.00	735.00	735.10	736.00	736.00	
736.40	737.00	737.20	738.00			

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^ *** AERMOD - VERSION 19191 *** ***
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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* NETWORK ID: DESERTL ; NETWORK TYPE: GRIDCART

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\* ELEVATION HEIGHTS IN METERS \*

Y-COORD (METERS)	436750.40	436800.40	436850.40	X-COORD (METERS)	
3874157.00	732.10	732.00	732.10		
3874107.00	732.10	732.30	732.60		
3874057.00	732.50	732.70	732.90		
3874007.00	732.70	733.00	733.30		
3873957.00	733.00	733.30	733.60		
3873907.00	733.40	733.70	733.80		
3873857.00	733.90	734.00	734.20		
3873807.00	734.10	734.40	734.50		
3873757.00	734.60	734.70	734.90		
3873707.00	734.60	735.10	735.20		
3873657.00	734.60	735.10	735.40		
3873607.00	734.90	735.20	735.60		
3873557.00	735.20	735.70	735.90		
3873507.00	735.50	735.90	736.30		
3873457.00	735.90	736.40	736.80		
3873407.00	736.40	736.90	737.10		
3873357.00	736.90	737.40	737.60		
3873307.00	737.40	737.50	737.60		
3873257.00	738.00	738.00	738.00		
3873207.00	738.00	738.00	738.00		
3873157.00	738.00	738.00	738.00		

\*\*\* AERMOD - VERSION 19191 \*\*\*  
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\*\*\* AERMET - VERSION 14134 \*\*\*  
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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* NETWORK ID: DESERTL ; NETWORK TYPE: GRIDCART

\*\*\*

\* HILL HEIGHT SCALES IN METERS \*

Y-COORD (METERS)	435850.40	435900.40	435950.40	436000.40	436050.40
436100.40	436150.40	436200.40	436250.40		
3874157.00	731.80	729.80	728.90	728.50	728.50
728.50	728.50	728.50	728.60		
3874107.00	735.20	730.30	729.30	729.10	728.80



728.60	728.50	728.70	729.60			
3874057.00	735.20	728.60	729.10	729.10	729.10	729.10
728.90	729.00	729.90	731.20			
3874007.00	734.30	728.50	728.80	728.80	728.80	728.80
729.10	729.40	730.10	731.00			
3873957.00	734.30	728.50	728.50	728.50	728.50	728.50
728.80	729.40	730.20	730.80			
3873907.00	729.80	728.50	728.50	728.50	728.50	728.50
728.90	729.40	730.10	730.70			
3873857.00	728.50	728.50	728.50	728.50	728.50	728.50
728.60	729.40	730.10	730.70			
3873807.00	728.50	728.50	728.50	728.50	728.50	728.50
728.90	729.60	730.20	730.80			
3873757.00	728.50	728.50	728.50	728.60	728.70	728.70
729.20	729.80	730.30	731.00			
3873707.00	728.50	728.50	728.50	728.80	729.10	729.10
729.50	730.00	730.50	731.00			
3873657.00	728.50	728.50	728.50	728.70	729.30	729.30
729.80	730.30	730.70	731.20			
3873607.00	728.50	728.50	728.50	728.90	729.50	729.50
730.20	730.70	730.90	731.30			
3873557.00	728.50	728.50	728.50	729.10	729.80	729.80
730.50	731.20	731.20	731.30			
3873507.00	728.50	728.50	728.60	729.30	730.20	730.20
730.90	731.50	731.70	731.70			
3873457.00	728.50	728.50	729.00	729.80	730.60	730.60
731.20	731.60	731.90	732.00			
3873407.00	728.80	729.10	729.60	730.30	730.80	730.80
731.30	731.80	732.00	732.40			
3873357.00	729.10	729.50	730.10	730.80	731.20	731.20
731.50	731.70	732.30	732.70			
3873307.00	729.40	730.00	730.60	731.20	731.70	731.70
731.70	731.70	732.40	732.90			
3873257.00	730.00	730.00	731.00	731.00	732.00	732.00
732.00	732.00	732.70	733.00			
3873207.00	730.00	730.40	731.00	731.00	731.90	731.90
732.00	732.00	732.90	733.80			
3873157.00	730.00	731.00	731.00	731.30	732.00	732.00
732.10	733.00	733.20	734.00			

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^ *** AERMOD - VERSION 19191 *** ***
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\*\*\* NETWORK ID: DESERTL ; NETWORK TYPE: GRIDCART

\*\*\*

\* HILL HEIGHT SCALES IN METERS \*

Y-COORD (METERS)	X-COORD (METERS)					
	436300.40	436350.40	436400.40	436450.40	436500.40	
436550.40	436600.40	436650.40	436700.40			
3874157.00		728.50	728.50	728.90	730.00	731.00
731.10	730.90	731.40	731.60			
3874107.00		730.10	729.80	730.30	730.80	731.40
731.50	731.40	731.50	731.80			
3874057.00		731.50	731.30	731.30	731.30	731.50
731.80	731.80	731.90	732.20			
3874007.00		731.50	731.50	731.50	731.50	731.50
731.60	731.80	732.30	732.50			
3873957.00		731.20	731.50	731.50	731.70	731.70
731.70	732.00	732.50	732.80			
3873907.00		731.20	731.70	731.80	731.80	731.90
732.00	732.50	732.80	733.20			
3873857.00		731.20	731.70	731.90	732.10	732.10
732.50	732.70	733.20	733.50			
3873807.00		731.50	731.70	732.10	732.30	732.60
732.80	733.00	733.40	733.90			
3873757.00		731.50	731.80	732.20	732.40	732.70
732.90	733.40	733.60	734.20			
3873707.00		731.50	732.00	732.20	732.70	732.90
733.20	733.60	733.90	734.40			
3873657.00		731.50	732.00	732.20	732.70	733.00
733.40	733.80	734.10	734.40			
3873607.00		731.80	732.10	732.50	732.70	733.30
733.80	734.30	734.30	734.60			
3873557.00		731.80	732.10	732.50	733.00	733.30
733.80	734.30	734.60	734.70			
3873507.00		731.70	732.30	732.70	733.20	733.60
734.00	734.30	734.80	735.20			
3873457.00		732.20	732.70	732.90	733.40	733.70
734.10	734.30	734.80	735.30			
3873407.00		732.70	732.90	733.20	733.60	733.90
734.10	734.30	735.00	735.60			
3873357.00		732.90	733.30	733.60	733.80	734.10
734.40	734.80	735.40	736.10			
3873307.00		733.40	733.60	733.80	734.10	734.50
734.70	735.30	736.00	736.70			
3873257.00		734.00	734.00	734.40	735.00	735.00
736.00	736.00	736.70	737.40			
3873207.00		734.00	734.40	735.00	735.00	735.90
736.00	736.60	737.00	737.80			
3873157.00		734.00	735.00	735.10	736.00	736.00
736.40	737.00	737.20	738.00			

▲ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*\*  
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\*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*  
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\*\*\* NETWORK ID: DESERTL ; NETWORK TYPE: GRIDCART

\*\*\*

\* HILL HEIGHT SCALES IN METERS \*

Y-COORD (METERS)	436750.40	436800.40	436850.40	X-COORD (METERS)
3874157.00	732.10	732.00	732.10	
3874107.00	732.10	732.30	732.60	
3874057.00	732.50	732.70	732.90	
3874007.00	732.70	733.00	733.30	
3873957.00	733.00	733.30	733.60	
3873907.00	733.40	733.70	733.80	
3873857.00	733.90	734.00	734.20	
3873807.00	734.10	734.40	734.50	
3873757.00	734.60	734.70	734.90	
3873707.00	734.60	735.10	735.20	
3873657.00	734.60	735.10	735.40	
3873607.00	734.90	735.20	735.60	
3873557.00	735.20	735.70	735.90	
3873507.00	735.50	735.90	736.30	
3873457.00	735.90	736.40	736.80	
3873407.00	736.40	736.90	737.10	
3873357.00	736.90	737.40	737.60	
3873307.00	737.40	737.50	737.60	
3873257.00	738.00	738.00	738.00	
3873207.00	738.00	738.00	738.00	
3873157.00	738.00	738.00	738.00	

▲ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*\*  
\*\*\* 09/09/20  
\*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*  
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\*\*\* NETWORK ID: DESERTL ; NETWORK TYPE: GRIDCART

\*\*\*

\* RECEPTOR FLAGPOLE HEIGHTS IN METERS \*

Y-COORD (METERS)	X-COORD (METERS)				
	435850.40	435900.40	435950.40	436000.40	436050.40
436100.40	436150.40	436200.40	436250.40		
3874157.00		1.20	1.20	1.20	1.20
1.20	1.20		1.20	1.20	
3874107.00		1.20	1.20	1.20	1.20
1.20	1.20		1.20	1.20	
3874057.00		1.20	1.20	1.20	1.20
1.20	1.20		1.20	1.20	
3874007.00		1.20	1.20	1.20	1.20
1.20	1.20		1.20	1.20	
3873957.00		1.20	1.20	1.20	1.20
1.20	1.20		1.20	1.20	
3873907.00		1.20	1.20	1.20	1.20
1.20	1.20		1.20	1.20	
3873857.00		1.20	1.20	1.20	1.20
1.20	1.20		1.20	1.20	
3873807.00		1.20	1.20	1.20	1.20
1.20	1.20		1.20	1.20	
3873757.00		1.20	1.20	1.20	1.20
1.20	1.20		1.20	1.20	
3873707.00		1.20	1.20	1.20	1.20
1.20	1.20		1.20	1.20	
3873657.00		1.20	1.20	1.20	1.20
1.20	1.20		1.20	1.20	
3873607.00		1.20	1.20	1.20	1.20
1.20	1.20		1.20	1.20	
3873557.00		1.20	1.20	1.20	1.20
1.20	1.20		1.20	1.20	
3873507.00		1.20	1.20	1.20	1.20
1.20	1.20		1.20	1.20	
3873457.00		1.20	1.20	1.20	1.20
1.20	1.20		1.20	1.20	
3873407.00		1.20	1.20	1.20	1.20
1.20	1.20		1.20	1.20	
3873357.00		1.20	1.20	1.20	1.20
1.20	1.20		1.20	1.20	
3873307.00		1.20	1.20	1.20	1.20
1.20	1.20		1.20	1.20	
3873257.00		1.20	1.20	1.20	1.20
1.20	1.20		1.20	1.20	
3873207.00		1.20	1.20	1.20	1.20
1.20	1.20		1.20	1.20	
3873157.00		1.20	1.20	1.20	1.20
1.20	1.20		1.20	1.20	



1.20	1.20	1.20	1.20	1.20			
3873357.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20			
3873307.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20			
3873257.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20			
3873207.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20			
3873157.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20			

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* NETWORK ID: DESERTL ; NETWORK TYPE: GRIDCART

\*\*\*

\* RECEPTOR FLAGPOLE HEIGHTS IN METERS \*

Y-COORD (METERS)		436750.40	436800.40	436850.40	X-COORD (METERS)
3874157.00		1.20	1.20	1.20	
3874107.00		1.20	1.20	1.20	
3874057.00		1.20	1.20	1.20	
3874007.00		1.20	1.20	1.20	
3873957.00		1.20	1.20	1.20	
3873907.00		1.20	1.20	1.20	
3873857.00		1.20	1.20	1.20	
3873807.00		1.20	1.20	1.20	
3873757.00		1.20	1.20	1.20	
3873707.00		1.20	1.20	1.20	
3873657.00		1.20	1.20	1.20	
3873607.00		1.20	1.20	1.20	
3873557.00		1.20	1.20	1.20	
3873507.00		1.20	1.20	1.20	
3873457.00		1.20	1.20	1.20	
3873407.00		1.20	1.20	1.20	
3873357.00		1.20	1.20	1.20	
3873307.00		1.20	1.20	1.20	
3873257.00		1.20	1.20	1.20	
3873207.00		1.20	1.20	1.20	
3873157.00		1.20	1.20	1.20	

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\*\*\* GRIDDED RECEPTOR NETWORK SUMMARY \*\*\*

\*\*\* NETWORK ID: BORON ; NETWORK TYPE: GRIDCART

\*\*\*

\*\*\* X-COORDINATES OF GRID \*\*\*  
(METERS)

439957.6, 440007.6, 440057.6, 440107.6, 440157.6, 440207.6, 440257.6,  
440307.6, 440357.6, 440407.6,  
440457.6, 440507.6, 440557.6, 440607.6, 440657.6, 440707.6, 440757.6,  
440807.6, 440857.6, 440907.6,  
440957.6, 441007.6, 441057.6, 441107.6, 441157.6, 441207.6, 441257.6,  
441307.6, 441357.6, 441407.6,  
441457.6,

\*\*\* Y-COORDINATES OF GRID \*\*\*  
(METERS)

3872557.0, 3872607.0, 3872657.0, 3872707.0, 3872757.0, 3872807.0, 3872857.0,  
3872907.0, 3872957.0, 3873007.0,  
3873057.0, 3873107.0, 3873157.0, 3873207.0, 3873257.0, 3873307.0, 3873357.0,  
3873407.0, 3873457.0, 3873507.0,  
3873557.0, 3873607.0, 3873657.0, 3873707.0, 3873757.0, 3873807.0, 3873857.0,  
3873907.0, 3873957.0, 3874007.0,  
3874057.0,

\*\*\* AERMOD - VERSION 19191 \*\*\* \*\*  
\*\*\* \*\* 09/09/20  
\*\*\* AERMET - VERSION 14134 \*\*\* \*\*  
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\*\*\* NETWORK ID: BORON ; NETWORK TYPE: GRIDCART

\*\*\*

\* ELEVATION HEIGHTS IN METERS \*

Y-COORD (METERS)		X-COORD (METERS)				
		439957.60	440007.60	440057.60	440107.60	440157.60
440207.60		440257.60	440307.60	440357.60		

3874057.00		743.90	743.90	743.90	743.90	744.00
744.30	744.60	744.90	745.20			
3874007.00		743.40	743.40	743.70	743.70	743.70
743.70	744.60	744.90	744.90			
3873957.00		743.40	743.40	743.70	743.70	743.80
744.00	744.60	744.80	744.90			
3873907.00		743.40	743.60	743.80	744.00	744.10
744.30	744.60	744.90	745.00			
3873857.00		743.70	743.70	744.00	744.30	744.50
744.60	744.90	744.90	745.20			
3873807.00		743.70	744.00	744.20	744.50	744.70
744.80	744.90	745.10	745.30			
3873757.00		744.10	744.30	744.50	744.70	744.90
745.00	745.20	745.30	745.50			
3873707.00		744.30	744.60	744.70	744.90	745.10
745.30	745.50	745.50	745.80			
3873657.00		744.60	744.90	744.90	745.10	745.30
745.50	745.70	746.00	746.10			
3873607.00		744.90	745.00	745.30	745.30	745.60
745.70	745.90	746.20	746.30			
3873557.00		744.90	745.20	745.50	745.50	745.80
745.90	746.10	746.60	746.70			
3873507.00		745.20	745.50	745.80	746.00	746.10
746.30	746.40	746.60	747.00			
3873457.00		745.50	745.80	746.00	746.20	746.40
746.50	746.50	746.70	747.20			
3873407.00		745.80	746.10	746.40	746.50	746.60
746.80	747.00	747.00	747.40			
3873357.00		746.10	746.40	746.60	746.80	746.90
747.00	747.40	747.70	748.20			
3873307.00		746.40	746.70	746.80	747.00	747.20
747.50	747.70	748.40	749.00			
3873257.00		746.70	746.90	747.10	747.40	747.50
747.70	748.00	748.60	749.80			
3873207.00		747.60	748.00	748.00	748.00	748.60
749.00	749.60	749.80	750.00			
3873157.00		748.00	748.00	748.10	748.90	749.00
750.00	750.00	750.00	750.00			
3873107.00		748.00	748.90	749.00	749.00	749.60
750.00	750.00	750.00	750.20			
3873057.00		749.00	749.00	749.00	749.60	750.00
750.00	750.60	750.80	751.00			
3873007.00		750.00	750.00	750.00	750.00	750.20
750.50	751.00	751.00	751.30			
3872957.00		750.00	750.00	750.20	750.90	751.00
751.00	751.00	751.90	752.00			
3872907.00		751.00	751.00	751.00	751.00	751.60





3873657.00		746.30	746.30	746.50	746.50	746.70
746.80		746.80	746.80	746.80		
3873607.00		746.50	746.80	746.80	746.80	747.00
747.20		747.20	747.30			
3873557.00		746.80	746.90	747.10	747.40	747.40
747.70		747.70	748.00			
3873507.00		747.20	747.30	747.60	747.70	747.90
748.00		748.20	748.50			
3873457.00		747.40	747.80	748.10	748.10	748.40
748.40		748.60	748.90			
3873407.00		747.90	748.30	748.60	748.60	748.80
748.90		748.90	749.20	749.30		
3873357.00		748.50	748.80	749.10	749.10	749.20
749.20		749.40	749.60	749.70		
3873307.00		749.30	749.30	749.60	749.60	749.60
749.60		749.80	749.90	750.10		
3873257.00		749.80	749.80	749.90	750.10	750.10
750.10		750.10	750.40	750.50		
3873207.00		750.00	750.00	750.00	750.00	750.60
751.00		751.00	751.00	751.00		
3873157.00		750.00	750.20	750.50	751.00	751.00
751.00		751.00	751.00	751.00		
3873107.00		750.90	751.00	751.00	751.00	751.00
751.00		751.00	751.00	751.00		
3873057.00		751.00	751.00	751.60	751.60	751.60
751.60		751.60	751.60	752.00		
3873007.00		751.90	752.00	752.00	752.00	752.00
752.00		752.00	752.10			
3872957.00		752.00	752.00	752.00	752.00	752.00
752.00		752.90	752.90	753.00		
3872907.00		752.60	752.80	753.00	753.00	753.00
753.00		753.00	753.60			
3872857.00		753.00	753.30	753.30	753.30	753.70
754.00		754.00	754.00			
3872807.00		753.90	754.00	754.00	754.00	754.00
754.00		754.00	754.20			
3872757.00		754.00	754.60	754.60	754.60	754.60
755.00		755.00	755.00			
3872707.00		755.00	755.30	755.30	755.30	755.30
755.30		755.30	756.00			
3872657.00		755.90	756.00	756.00	756.00	756.00
756.00		756.00	756.00			
3872607.00		756.00	756.40	756.60	756.60	756.60
756.60		756.60	757.00			
3872557.00		756.30	757.00	757.10	757.30	757.30
757.30		757.30	757.50			
↑ *** AERMOD - VERSION		19191 ***	***			
		***	09/09/20			
*** AERMET - VERSION		14134 ***	***			
		***	22:25:03			

\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\*\*\* NETWORK ID: BORON ; NETWORK TYPE: GRIDCART

\*\*\*

\* ELEVATION HEIGHTS IN METERS \*

Y-COORD (METERS)					X-COORD (METERS)	
441107.60	441157.60	441207.60	441257.60	440857.60	440907.60	440957.60
3874057.00	746.80	746.80	747.00	747.00	747.20	
747.80	748.30	748.70	749.00			
3874007.00	746.50	746.80	746.50	746.80	747.00	
747.50	748.00	748.50	748.70			
3873957.00	746.50	746.50	746.50	746.50	746.70	746.90
747.40	748.00	748.30	748.60			
3873907.00	746.50	746.80	746.80	746.80	747.00	
747.40	748.00	748.30	748.60			
3873857.00	746.70	746.90	747.00	747.10	747.40	
747.70	748.00	748.30	748.60			
3873807.00	746.60	746.80	747.10	747.40	747.70	
748.00	748.30	748.50	748.60			
3873757.00	746.80	746.80	747.20	747.70	748.00	
748.10	748.40	748.60	748.70			
3873707.00	747.00	747.40	747.70	748.00	748.30	
748.60	748.60	748.80	748.90			
3873657.00	747.20	747.70	748.00	748.30	748.50	
748.80	748.90	749.10	749.20			
3873607.00	747.70	748.20	748.40	748.70	749.00	
749.00	749.20	749.30	749.50			
3873557.00	748.20	748.60	749.00	749.20	749.50	
749.50	749.50	749.70	749.80			
3873507.00	748.80	749.00	749.20	749.70	749.80	
749.80	749.80	750.00	750.20			
3873457.00	749.00	749.20	749.50	749.80	750.00	
749.90	750.10	750.40	750.60			
3873407.00	749.50	749.70	749.80	750.10	750.30	
750.40	750.40	750.70	751.00			
3873357.00	749.80	749.90	750.10	750.40	750.60	
750.90	750.90	751.20	751.50			
3873307.00	750.20	750.40	750.50	750.80	750.90	
751.20	751.40	751.70	751.80			
3873257.00	750.70	750.90	751.00	751.00	751.20	
751.40	751.60	751.80	752.20			
3873207.00	751.00	751.00	751.00	751.00	751.80	





744.00	744.60	744.80	744.90			
3873907.00		743.40	743.60	743.80	744.00	744.10
744.30		744.60	744.90	745.00		
3873857.00		743.70	743.70	744.00	744.30	744.50
744.60		744.90	744.90	745.20		
3873807.00		743.70	744.00	744.20	744.50	744.70
744.80		744.90	745.10	745.30		
3873757.00		744.10	744.30	744.50	744.70	744.90
745.00		745.20	745.30	745.50		
3873707.00		744.30	744.60	744.70	744.90	745.10
745.30		745.50	745.50	745.80		
3873657.00		744.60	744.90	744.90	745.10	745.30
745.50		745.70	746.00	746.10		
3873607.00		744.90	745.00	745.30	745.30	745.60
745.70		745.90	746.20	746.30		
3873557.00		744.90	745.20	745.50	745.50	745.80
745.90		746.10	746.60	746.70		
3873507.00		745.20	745.50	745.80	746.00	746.10
746.30		746.40	746.60	747.00		
3873457.00		745.50	745.80	746.00	746.20	746.40
746.50		746.50	746.70	747.20		
3873407.00		745.80	746.10	746.40	746.50	746.60
746.80		747.00	747.00	747.40		
3873357.00		746.10	746.40	746.60	746.80	746.90
747.00		747.40	747.70	748.20		
3873307.00		746.40	746.70	746.80	747.00	747.20
747.50		747.70	748.40	749.00		
3873257.00		746.70	746.90	747.10	747.40	747.50
747.70		748.00	748.60	749.80		
3873207.00		747.60	748.00	748.00	748.00	748.60
749.00		749.60	749.80	750.00		
3873157.00		748.00	748.00	748.10	748.90	749.00
750.00		750.00	750.00	750.00		
3873107.00		748.00	748.90	749.00	749.00	749.60
750.00		750.00	750.00	750.20		
3873057.00		749.00	749.00	749.00	749.60	750.00
750.00		750.60	750.80	751.00		
3873007.00		750.00	750.00	750.00	750.00	750.20
750.50		751.00	751.00	751.30		
3872957.00		750.00	750.00	750.20	750.90	751.00
751.00		751.00	751.90	752.00		
3872907.00		751.00	751.00	751.00	751.00	751.60
751.70		752.00	752.00	752.20		
3872857.00		751.30	751.30	752.00	752.00	752.00
752.10		752.30	753.00	753.00		
3872807.00		752.00	752.00	752.00	752.00	752.90
753.00		753.00	753.60	753.90		
3872757.00		752.60	752.60	753.00	753.00	753.40
753.60		754.00	754.00	754.00		
3872707.00		753.00	753.30	753.50	754.00	754.00



3873457.00		747.40	747.80	748.10	748.10	748.40
748.40		748.60	748.70	748.90		
3873407.00		747.90	748.30	748.60	748.60	748.80
748.90		748.90	749.20	749.30		
3873357.00		748.50	748.80	749.10	749.10	749.20
749.20		749.40	749.60	749.70		
3873307.00		749.30	749.30	749.60	749.60	749.60
749.60		749.80	749.90	750.10		
3873257.00		749.80	749.80	749.90	750.10	750.10
750.10		750.10	750.40	750.50		
3873207.00		750.00	750.00	750.00	750.00	750.60
751.00		751.00	751.00	751.00		
3873157.00		750.00	750.20	750.50	751.00	751.00
751.00		751.00	751.00	751.00		
3873107.00		750.90	751.00	751.00	751.00	751.00
751.00		751.00	751.00	751.00		
3873057.00		751.00	751.00	751.60	751.60	751.60
751.60		751.60	751.60	752.00		
3873007.00		751.90	752.00	752.00	752.00	752.00
752.00		752.00	752.00	752.10		
3872957.00		752.00	752.00	752.00	752.00	752.00
752.00		752.90	752.90	753.00		
3872907.00		752.60	752.80	753.00	753.00	753.00
753.00		753.00	753.00	753.60		
3872857.00		753.00	753.30	753.30	753.30	753.70
754.00		754.00	754.00	754.00		
3872807.00		753.90	754.00	754.00	754.00	754.00
754.00		754.00	754.00	754.20		
3872757.00		754.00	754.60	754.60	754.60	754.60
755.00		755.00	755.00	755.00		
3872707.00		755.00	755.30	755.30	755.30	755.30
755.30		755.30	755.70	756.00		
3872657.00		755.90	756.00	756.00	756.00	756.00
756.00		756.00	756.00	756.00		
3872607.00		756.00	756.40	756.60	756.60	756.60
756.60		756.60	756.60	757.00		
3872557.00		756.30	757.00	757.10	757.30	757.30
757.30		757.30	757.30	757.50		

\*\*\* AERMOD - VERSION 19191 \*\*\* \*\*  
 \*\*\* 09/09/20

\*\*\* AERMET - VERSION 14134 \*\*\* \*\*  
 \*\*\* 22:25:03

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* NETWORK ID: BORON ; NETWORK TYPE: GRIDCART

\*\*\*

\* HILL HEIGHT SCALES IN METERS \*



Y-COORD (METERS)					X-COORD (METERS)	
	440857.60	440907.60	440957.60		441007.60	441057.60
441107.60	441157.60	441207.60	441257.60			

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3874057.00		746.80	746.80	747.00	747.00	747.20
747.80	748.30		748.70	749.00		
3874007.00		746.50	746.80	746.50	746.80	747.00
747.50	748.00		748.50	748.70		
3873957.00		746.50	746.50	746.50	746.70	746.90
747.40	748.00		748.30	748.60		
3873907.00		746.50	746.80	746.80	746.80	747.00
747.40	748.00		748.30	748.60		
3873857.00		746.70	746.90	747.00	747.10	747.40
747.70	748.00		748.30	748.60		
3873807.00		746.60	746.80	747.10	747.40	747.70
748.00	748.30		748.50	748.60		
3873757.00		746.80	746.80	747.20	747.70	748.00
748.10	748.40		748.60	748.70		
3873707.00		747.00	747.40	747.70	748.00	748.30
748.60	748.60		748.80	748.90		
3873657.00		747.20	747.70	748.00	748.30	748.50
748.80	748.90		749.10	749.20		
3873607.00		747.70	748.20	748.40	748.70	749.00
749.00	749.20		749.30	749.50		
3873557.00		748.20	748.60	749.00	749.20	749.50
749.50	749.50		749.70	749.80		
3873507.00		748.80	749.00	749.20	749.70	749.80
749.80	749.80		750.00	750.20		
3873457.00		749.00	749.20	749.50	749.80	750.00
749.90	750.10		750.40	750.60		
3873407.00		749.50	749.70	749.80	750.10	750.30
750.40	750.40		750.70	751.00		
3873357.00		749.80	749.90	750.10	750.40	750.60
750.90	750.90		751.20	751.50		
3873307.00		750.20	750.40	750.50	750.80	750.90
751.20	751.40		751.70	751.80		
3873257.00		750.70	750.90	751.00	751.00	751.20
751.40	751.60		751.80	752.20		
3873207.00		751.00	751.00	751.00	751.00	751.80
752.00	752.00		752.00	752.70		
3873157.00		751.00	751.00	751.50	752.00	752.00
752.00	752.00		752.00	753.00		
3873107.00		751.90	751.90	752.00	752.00	752.00
752.00	752.00		752.90	753.00		
3873057.00		752.00	752.00	752.00	752.60	752.60
752.60	753.00		753.00	753.60		
3873007.00		752.30	752.70	753.00	753.00	753.20







\*\*\* 09/09/20  
 \*\*\* AERMET - VERSION 14134 \*\*\*  
 \*\*\* 22:25:03

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\*\*\* NETWORK ID: BORON ; NETWORK TYPE: GRIDCART

\*\*\*

\* RECEPTOR FLAGPOLE HEIGHTS IN METERS \*

Y-COORD (METERS)	440407.60	440457.60	440507.60	440557.60	440607.60
440657.60	440707.60	440757.60	440807.60		
3874057.00	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20	1.20
3874007.00	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20	1.20
3873957.00	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20	1.20
3873907.00	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20	1.20
3873857.00	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20	1.20
3873807.00	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20	1.20
3873757.00	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20	1.20
3873707.00	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20	1.20
3873657.00	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20	1.20
3873607.00	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20	1.20
3873557.00	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20	1.20
3873507.00	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20	1.20
3873457.00	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20	1.20
3873407.00	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20	1.20
3873357.00	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20	1.20
3873307.00	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20	1.20

3873257.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3873207.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3873157.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3873107.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3873057.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3873007.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3872957.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3872907.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3872857.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3872807.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3872757.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3872707.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3872657.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3872607.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		
3872557.00		1.20	1.20	1.20	1.20	1.20	1.20
1.20		1.20	1.20	1.20	1.20		

^ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*  
 \*\*\* 09/09/20  
 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*  
 \*\*\* 22:25:03

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\*\*\* MODELOPTs: RegDFault CONC ELEV FLGPOL RURAL

\*\*\* NETWORK ID: BORON ; NETWORK TYPE: GRIDCART

\*\*\*

\* RECEPTOR FLAGPOLE HEIGHTS IN METERS \*

Y-COORD (METERS)				X-COORD (METERS)	
	440857.60	440907.60	440957.60	441007.60	441057.60
441107.60	441157.60	441207.60	441257.60		

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3874057.00		1.20	1.20	1.20	1.20	1.20
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1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20
3872757.00	1.20	1.20	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20
3872707.00	1.20	1.20	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20
3872657.00	1.20	1.20	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20
3872607.00	1.20	1.20	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20
3872557.00	1.20	1.20	1.20	1.20	1.20	1.20	1.20
1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20

\*\*\* AERMOD - VERSION 19191 \*\*\*  
 \*\*\* 09/09/20 \*\*\*  
 \*\*\* AERMET - VERSION 14134 \*\*\*  
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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* NETWORK ID: BORON ; NETWORK TYPE: GRIDCART

\*\*\*

\* RECEPTOR FLAGPOLE HEIGHTS IN METERS \*

Y-COORD (METERS)	441307.60	441357.60	441407.60	X-COORD (METERS) 441457.60
3874057.00	1.20	1.20	1.20	1.20
3874007.00	1.20	1.20	1.20	1.20
3873957.00	1.20	1.20	1.20	1.20
3873907.00	1.20	1.20	1.20	1.20
3873857.00	1.20	1.20	1.20	1.20
3873807.00	1.20	1.20	1.20	1.20
3873757.00	1.20	1.20	1.20	1.20
3873707.00	1.20	1.20	1.20	1.20
3873657.00	1.20	1.20	1.20	1.20
3873607.00	1.20	1.20	1.20	1.20
3873557.00	1.20	1.20	1.20	1.20
3873507.00	1.20	1.20	1.20	1.20
3873457.00	1.20	1.20	1.20	1.20
3873407.00	1.20	1.20	1.20	1.20
3873357.00	1.20	1.20	1.20	1.20
3873307.00	1.20	1.20	1.20	1.20
3873257.00	1.20	1.20	1.20	1.20
3873207.00	1.20	1.20	1.20	1.20
3873157.00	1.20	1.20	1.20	1.20
3873107.00	1.20	1.20	1.20	1.20
3873057.00	1.20	1.20	1.20	1.20



3873007.00	1.20	1.20	1.20	1.20
3872957.00	1.20	1.20	1.20	1.20
3872907.00	1.20	1.20	1.20	1.20
3872857.00	1.20	1.20	1.20	1.20
3872807.00	1.20	1.20	1.20	1.20
3872757.00	1.20	1.20	1.20	1.20
3872707.00	1.20	1.20	1.20	1.20
3872657.00	1.20	1.20	1.20	1.20
3872607.00	1.20	1.20	1.20	1.20
3872557.00	1.20	1.20	1.20	1.20

^ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*\*  
 \*\*\* 09/09/20  
 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*  
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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
 (METERS)

( 439914.0, 3872794.0, 752.0, 752.0, 1.2);	( 436263.0,
3873356.0, 732.9, 732.9, 1.2);	
( 435903.0, 3873538.0, 728.5, 728.5, 1.2);	( 435899.0,
3873948.0, 728.5, 728.5, 1.2);	
( 442261.3, 3871403.0, 775.0, 775.0, 1.2);	( 442263.6,
3871503.0, 774.1, 774.1, 1.2);	
( 442265.8, 3871603.0, 773.1, 773.1, 1.2);	( 442268.0,
3871703.0, 772.0, 772.0, 1.2);	
( 442270.3, 3871803.0, 770.4, 770.4, 1.2);	( 442272.5,
3871903.0, 769.0, 769.0, 1.2);	
( 442274.7, 3872003.0, 768.8, 768.8, 1.2);	( 442276.9,
3872103.0, 768.0, 768.0, 1.2);	
( 442279.2, 3872203.0, 768.0, 768.0, 1.2);	( 442281.4,
3872303.0, 767.0, 767.0, 1.2);	
( 442283.6, 3872403.0, 765.7, 765.7, 1.2);	( 442284.2,
3872428.0, 765.3, 765.3, 1.2);	
( 442184.3, 3872431.0, 764.6, 764.6, 1.2);	( 442084.3,
3872435.0, 764.3, 764.3, 1.2);	
( 441984.4, 3872438.0, 764.0, 764.0, 1.2);	( 441884.4,
3872441.0, 763.3, 763.3, 1.2);	
( 441784.5, 3872445.0, 763.0, 763.0, 1.2);	( 441684.5,
3872448.0, 762.0, 762.0, 1.2);	
( 441584.6, 3872451.0, 762.0, 762.0, 1.2);	( 441487.6,
3872455.0, 761.0, 761.0, 1.2);	
( 441485.0, 3872355.0, 762.0, 762.0, 1.2);	( 441482.4,
3872255.0, 762.0, 762.0, 1.2);	
( 441482.3, 3872248.0, 762.0, 762.0, 1.2);	( 441382.3,
3872252.0, 761.2, 761.2, 1.2);	

( 441283.6, 3872255.0, 761.0, 761.0, 1.2); ( 441281.3,  
3872155.0, 761.7, 761.7, 1.2);  
( 441279.0, 3872055.0, 763.0, 763.0, 1.2); ( 441276.7,  
3871955.0, 764.3, 764.3, 1.2);  
( 441274.3, 3871855.0, 766.0, 766.0, 1.2); ( 441274.1,  
3871844.0, 766.0, 766.0, 1.2);  
( 441174.1, 3871847.0, 766.0, 766.0, 1.2); ( 441074.2,  
3871850.0, 766.7, 766.7, 1.2);  
( 440974.2, 3871853.0, 766.8, 766.8, 1.2); ( 440874.3,  
3871856.0, 766.6, 766.6, 1.2);  
( 440774.3, 3871859.0, 766.5, 766.5, 1.2); ( 440676.3,  
3871862.0, 766.0, 766.0, 1.2);  
( 440674.0, 3871762.0, 768.0, 768.0, 1.2); ( 440671.7,  
3871662.0, 768.0, 768.0, 1.2);  
( 440669.3, 3871562.0, 768.4, 768.4, 1.2); ( 440667.0,  
3871463.0, 770.4, 770.4, 1.2);  
( 440666.8, 3871450.0, 770.6, 770.6, 1.2); ( 440766.7,  
3871447.0, 771.0, 771.0, 1.2);  
( 440866.7, 3871444.0, 771.0, 771.0, 1.2); ( 440966.6,  
3871441.0, 771.5, 771.5, 1.2);  
( 441066.6, 3871438.0, 771.6, 771.6, 1.2); ( 441166.5,  
3871435.0, 771.7, 771.7, 1.2);  
( 441266.5, 3871432.0, 771.0, 771.0, 1.2); ( 441366.4,  
3871429.0, 770.0, 770.0, 1.2);  
( 441466.4, 3871426.0, 770.0, 770.0, 1.2); ( 441566.4,  
3871423.0, 770.1, 770.1, 1.2);  
( 441666.3, 3871420.0, 771.2, 771.2, 1.2); ( 441766.3,  
3871417.0, 771.3, 771.3, 1.2);  
( 441866.2, 3871415.0, 771.7, 771.7, 1.2); ( 441966.2,  
3871412.0, 773.9, 773.9, 1.2);  
( 442066.1, 3871409.0, 774.0, 774.0, 1.2); ( 442166.1,  
3871406.0, 774.8, 774.8, 1.2);  
( 440693.2, 3872567.0, 757.0, 757.0, 1.2); ( 440695.7,  
3872667.0, 756.0, 756.0, 1.2);  
( 440696.3, 3872690.0, 755.8, 755.8, 1.2); ( 440596.3,  
3872692.0, 755.8, 755.8, 1.2);  
( 440496.3, 3872695.0, 755.7, 755.7, 1.2); ( 440495.4,  
3872695.0, 755.7, 755.7, 1.2);  
( 440496.8, 3872723.0, 755.0, 755.0, 1.2); ( 440396.8,  
3872722.0, 754.8, 754.8, 1.2);  
( 440296.8, 3872722.0, 754.0, 754.0, 1.2); ( 440196.8,  
3872721.0, 754.0, 754.0, 1.2);  
( 440096.8, 3872720.0, 753.8, 753.8, 1.2); ( 439996.8,  
3872720.0, 753.0, 753.0, 1.2);  
( 439896.8, 3872719.0, 752.9, 752.9, 1.2); ( 439887.7,  
3872719.0, 752.9, 752.9, 1.2);  
( 439885.9, 3872619.0, 754.0, 754.0, 1.2); ( 439885.1,  
3872574.0, 754.0, 754.0, 1.2);  
( 439985.1, 3872573.0, 755.0, 755.0, 1.2); ( 440085.1,  
3872572.0, 756.0, 756.0, 1.2);

( 440185.1, 3872571.0, 755.9, 755.9, 1.2); ( 440285.1,  
3872570.0, 756.0, 756.0, 1.2); ( 440485.1,  
( 440385.1, 3872570.0, 756.0, 756.0, 1.2);  
3872569.0, 757.0, 757.0, 1.2);  
( 440585.1, 3872568.0, 757.0, 757.0, 1.2); ( 440685.1,  
3872567.0, 757.0, 757.0, 1.2);  
( 440685.7, 3872275.0, 761.0, 761.0, 1.2); ( 440688.3,  
3872375.0, 760.0, 760.0, 1.2);  
( 440690.8, 3872475.0, 758.0, 758.0, 1.2); ( 440692.0,  
3872520.0, 758.0, 758.0, 1.2);  
( 440592.0, 3872522.0, 758.0, 758.0, 1.2); ( 440492.0,  
3872523.0, 757.4, 757.4, 1.2);

▲ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*\*  
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\*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*  
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

( 440392.0, 3872525.0, 757.0, 757.0, 1.2); ( 440292.0,  
3872526.0, 756.3, 756.3, 1.2);  
( 440192.1, 3872528.0, 756.2, 756.2, 1.2); ( 440092.1,  
3872529.0, 756.0, 756.0, 1.2);  
( 439992.1, 3872531.0, 755.1, 755.1, 1.2); ( 439892.1,  
3872532.0, 755.0, 755.0, 1.2);  
( 439884.5, 3872532.0, 755.0, 755.0, 1.2); ( 439883.0,  
3872432.0, 756.0, 756.0, 1.2);  
( 439881.5, 3872332.0, 757.8, 757.8, 1.2); ( 439880.8,  
3872278.0, 758.6, 758.6, 1.2);  
( 439980.8, 3872278.0, 758.9, 758.9, 1.2); ( 440080.8,  
3872277.0, 759.0, 759.0, 1.2);  
( 440180.8, 3872277.0, 759.6, 759.6, 1.2); ( 440280.8,  
3872277.0, 759.6, 759.6, 1.2);  
( 440380.8, 3872276.0, 760.0, 760.0, 1.2); ( 440480.8,  
3872276.0, 760.6, 760.6, 1.2);  
( 440580.8, 3872275.0, 761.0, 761.0, 1.2); ( 440680.8,  
3872275.0, 761.0, 761.0, 1.2);  
( 437456.8, 3871498.0, 750.0, 750.0, 1.2); ( 437556.8,  
3871496.0, 751.9, 751.9, 1.2);  
( 437656.8, 3871495.0, 753.0, 753.0, 1.2); ( 437756.8,  
3871494.0, 754.0, 754.0, 1.2);  
( 437856.8, 3871492.0, 755.0, 755.0, 1.2); ( 437956.8,  
3871491.0, 756.0, 756.0, 1.2);  
( 438056.8, 3871490.0, 757.0, 757.0, 1.2); ( 438156.8,  
3871488.0, 758.0, 758.0, 1.2);

( 438256.8, 3871487.0, 759.0, 759.0, 1.2); ( 438356.8,  
3871486.0, 760.0, 760.0, 1.2);  
( 438456.7, 3871484.0, 760.0, 760.0, 1.2); ( 438556.7,  
3871483.0, 761.0, 761.0, 1.2);  
( 438656.7, 3871482.0, 761.6, 761.6, 1.2); ( 438756.7,  
3871480.0, 762.9, 762.9, 1.2);  
( 438856.7, 3871479.0, 764.2, 764.2, 1.2); ( 438956.7,  
3871478.0, 766.6, 766.6, 1.2);  
( 439056.7, 3871476.0, 768.0, 768.0, 1.2); ( 439156.7,  
3871475.0, 768.3, 768.3, 1.2);  
( 439256.7, 3871474.0, 769.0, 769.0, 1.2); ( 439356.7,  
3871472.0, 769.9, 769.9, 1.2);  
( 439456.6, 3871471.0, 770.0, 770.0, 1.2); ( 439556.6,  
3871470.0, 770.0, 770.0, 1.2);  
( 439656.6, 3871468.0, 769.6, 769.6, 1.2); ( 439756.6,  
3871467.0, 768.5, 768.5, 1.2);  
( 439856.6, 3871466.0, 768.0, 768.0, 1.2); ( 439877.7,  
3871465.0, 768.0, 768.0, 1.2);  
( 439879.3, 3871565.0, 767.3, 767.3, 1.2); ( 439880.8,  
3871665.0, 767.4, 767.4, 1.2);  
( 439882.4, 3871765.0, 767.0, 767.0, 1.2); ( 439884.0,  
3871865.0, 765.3, 765.3, 1.2);  
( 439885.6, 3871965.0, 762.0, 762.0, 1.2); ( 439887.1,  
3872065.0, 761.6, 761.6, 1.2);  
( 439888.7, 3872165.0, 760.3, 760.3, 1.2); ( 439890.3,  
3872265.0, 759.0, 759.0, 1.2);  
( 439891.9, 3872365.0, 757.0, 757.0, 1.2); ( 439893.4,  
3872465.0, 756.0, 756.0, 1.2);  
( 439895.0, 3872565.0, 754.0, 754.0, 1.2); ( 439896.6,  
3872665.0, 753.0, 753.0, 1.2);  
( 439898.2, 3872765.0, 752.0, 752.0, 1.2); ( 439899.8,  
3872865.0, 751.0, 751.0, 1.2);  
( 439901.3, 3872965.0, 750.0, 750.0, 1.2); ( 439902.9,  
3873065.0, 749.0, 749.0, 1.2);  
( 439903.7, 3873112.0, 748.0, 748.0, 1.2); ( 439803.7,  
3873113.0, 747.9, 747.9, 1.2);  
( 439703.7, 3873114.0, 747.3, 747.3, 1.2); ( 439603.7,  
3873115.0, 746.7, 746.7, 1.2);  
( 439503.7, 3873116.0, 746.0, 746.0, 1.2); ( 439403.7,  
3873117.0, 745.3, 745.3, 1.2);  
( 439303.7, 3873118.0, 744.6, 744.6, 1.2); ( 439203.7,  
3873120.0, 744.0, 744.0, 1.2);  
( 439103.7, 3873121.0, 743.0, 743.0, 1.2); ( 439003.7,  
3873122.0, 742.0, 742.0, 1.2);  
( 438903.7, 3873123.0, 742.0, 742.0, 1.2); ( 438803.7,  
3873124.0, 742.0, 742.0, 1.2);  
( 438703.7, 3873125.0, 742.3, 742.3, 1.2); ( 438603.7,  
3873126.0, 743.0, 743.0, 1.2);  
( 438503.8, 3873127.0, 743.1, 743.1, 1.2); ( 438403.8,  
3873128.0, 743.2, 743.2, 1.2);

( 438303.8, 3873129.0, 743.0, 743.0, 1.2); ( 438203.8,  
3873130.0, 743.0, 743.0, 1.2);  
( 438103.8, 3873131.0, 743.0, 743.0, 1.2); ( 438003.8,  
3873132.0, 743.0, 743.0, 1.2);  
( 437903.8, 3873133.0, 743.0, 743.0, 1.2); ( 437803.8,  
3873134.0, 743.0, 743.0, 1.2);  
( 437703.8, 3873135.0, 743.0, 743.0, 1.2); ( 437603.8,  
3873137.0, 742.0, 742.0, 1.2);  
( 437503.8, 3873138.0, 742.0, 742.0, 1.2); ( 437449.4,  
3873138.0, 742.0, 742.0, 1.2);  
( 437449.8, 3873038.0, 742.5, 742.5, 1.2); ( 437450.3,  
3872938.0, 743.7, 743.7, 1.2);  
( 437450.8, 3872838.0, 744.0, 744.0, 1.2); ( 437451.2,  
3872738.0, 745.0, 745.0, 1.2);

▲ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*  
\*\*\* 09/09/20  
\*\*\* AERMET - VERSION 14134 \*\*\* \*\*  
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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

( 437451.7, 3872638.0, 745.8, 745.8, 1.2); ( 437452.1,  
3872538.0, 746.0, 746.0, 1.2);  
( 437452.6, 3872438.0, 747.0, 747.0, 1.2); ( 437453.0,  
3872338.0, 747.0, 747.0, 1.2);  
( 437453.5, 3872238.0, 748.0, 748.0, 1.2); ( 437453.9,  
3872138.0, 748.0, 748.0, 1.2);  
( 437454.4, 3872038.0, 748.5, 748.5, 1.2); ( 437454.8,  
3871938.0, 749.0, 749.0, 1.2);  
( 437455.3, 3871838.0, 749.5, 749.5, 1.2); ( 437455.7,  
3871738.0, 750.0, 750.0, 1.2);  
( 437456.2, 3871638.0, 750.0, 750.0, 1.2); ( 437456.6,  
3871538.0, 750.0, 750.0, 1.2);  
( 435800.9, 3871509.0, 734.0, 734.0, 1.2); ( 435900.9,  
3871509.0, 735.0, 735.0, 1.2);  
( 436000.9, 3871509.0, 736.0, 736.0, 1.2); ( 436100.9,  
3871509.0, 736.0, 736.0, 1.2);  
( 436200.9, 3871509.0, 737.0, 737.0, 1.2); ( 436300.9,  
3871509.0, 738.0, 738.0, 1.2);  
( 436400.9, 3871509.0, 739.0, 739.0, 1.2); ( 436500.9,  
3871509.0, 740.0, 740.0, 1.2);  
( 436600.9, 3871509.0, 741.0, 741.0, 1.2); ( 436700.9,  
3871509.0, 742.0, 742.0, 1.2);  
( 436800.9, 3871509.0, 743.0, 743.0, 1.2); ( 436900.9,  
3871509.0, 744.0, 744.0, 1.2);

( 437000.9, 3871509.0, 745.4, 745.4, 1.2); ( 437100.9,  
3871509.0, 746.7, 746.7, 1.2);  
( 437200.9, 3871510.0, 748.0, 748.0, 1.2); ( 437300.9,  
3871510.0, 748.5, 748.5, 1.2);  
( 437400.9, 3871510.0, 749.7, 749.7, 1.2); ( 437448.9,  
3871510.0, 750.0, 750.0, 1.2);  
( 437448.9, 3871610.0, 750.0, 750.0, 1.2); ( 437448.9,  
3871710.0, 750.0, 750.0, 1.2);  
( 437448.9, 3871810.0, 749.3, 749.3, 1.2); ( 437448.9,  
3871910.0, 749.0, 749.0, 1.2);  
( 437448.9, 3872010.0, 748.7, 748.7, 1.2); ( 437448.9,  
3872110.0, 748.0, 748.0, 1.2);  
( 437448.9, 3872210.0, 748.0, 748.0, 1.2); ( 437448.9,  
3872310.0, 747.2, 747.2, 1.2);  
( 437448.9, 3872410.0, 747.0, 747.0, 1.2); ( 437448.9,  
3872510.0, 746.0, 746.0, 1.2);  
( 437448.9, 3872610.0, 746.0, 746.0, 1.2); ( 437449.0,  
3872710.0, 745.0, 745.0, 1.2);  
( 437449.0, 3872810.0, 744.0, 744.0, 1.2); ( 437449.0,  
3872910.0, 744.0, 744.0, 1.2);  
( 437449.0, 3873010.0, 743.0, 743.0, 1.2); ( 437449.0,  
3873110.0, 742.0, 742.0, 1.2);  
( 437449.0, 3873210.0, 741.0, 741.0, 1.2); ( 437449.0,  
3873211.0, 741.0, 741.0, 1.2);  
( 437349.0, 3873212.0, 740.4, 740.4, 1.2); ( 437249.0,  
3873213.0, 740.4, 740.4, 1.2);  
( 437149.0, 3873215.0, 739.5, 739.5, 1.2); ( 437049.0,  
3873216.0, 738.3, 738.3, 1.2);  
( 436949.0, 3873217.0, 738.0, 738.0, 1.2); ( 436849.0,  
3873218.0, 738.0, 738.0, 1.2);  
( 436749.1, 3873220.0, 738.0, 738.0, 1.2); ( 436649.1,  
3873221.0, 737.0, 737.0, 1.2);  
( 436549.1, 3873222.0, 736.0, 736.0, 1.2); ( 436449.1,  
3873224.0, 735.0, 735.0, 1.2);  
( 436349.1, 3873225.0, 734.0, 734.0, 1.2); ( 436249.1,  
3873226.0, 733.3, 733.3, 1.2);  
( 436149.1, 3873228.0, 732.0, 732.0, 1.2); ( 436049.1,  
3873229.0, 731.7, 731.7, 1.2);  
( 435949.1, 3873230.0, 731.0, 731.0, 1.2); ( 435849.1,  
3873232.0, 730.0, 730.0, 1.2);  
( 435835.8, 3873232.0, 730.0, 730.0, 1.2); ( 435833.7,  
3873132.0, 730.0, 730.0, 1.2);  
( 435831.7, 3873032.0, 731.0, 731.0, 1.2); ( 435829.7,  
3872932.0, 731.3, 731.3, 1.2);  
( 435827.7, 3872832.0, 732.0, 732.0, 1.2); ( 435825.6,  
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( 435823.6, 3872632.0, 733.0, 733.0, 1.2); ( 435821.6,  
3872532.0, 733.0, 733.0, 1.2);  
( 435819.6, 3872432.0, 733.0, 733.0, 1.2); ( 435817.5,  
3872332.0, 734.0, 734.0, 1.2);

( 435815.5, 3872232.0, 734.1, 734.1, 1.2); ( 435813.5,  
3872132.0, 734.8, 734.8, 1.2);  
( 435811.5, 3872032.0, 734.7, 734.7, 1.2); ( 435809.4,  
3871932.0, 734.6, 734.6, 1.2);  
( 435807.4, 3871832.0, 734.0, 734.0, 1.2); ( 435805.4,  
3871732.0, 734.0, 734.0, 1.2);  
( 435803.4, 3871632.0, 734.0, 734.0, 1.2); ( 435801.4,  
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( 435809.0, 3873839.0, 728.8, 728.8, 1.2); ( 435714.0,  
3873870.0, 728.6, 728.6, 1.2);  
( 435619.0, 3873902.0, 728.1, 728.1, 1.2); ( 435524.1,  
3873933.0, 725.6, 725.6, 1.2);  
( 435484.0, 3873946.0, 725.1, 725.1, 1.2); ( 435384.1,  
3873949.0, 725.2, 725.2, 1.2);  
( 435284.1, 3873952.0, 724.9, 724.9, 1.2); ( 435184.2,  
3873956.0, 723.5, 723.5, 1.2);

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

( 435084.2, 3873959.0, 722.5, 722.5, 1.2); ( 434984.3,  
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( 434884.3, 3873965.0, 721.8, 721.8, 1.2); ( 434784.3,  
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( 434684.4, 3873971.0, 720.6, 720.6, 1.2); ( 434626.0,  
3873973.0, 720.3, 720.3, 1.2);  
( 434568.8, 3873891.0, 719.7, 719.7, 1.2); ( 434511.6,  
3873809.0, 719.3, 719.3, 1.2);  
( 434511.0, 3873808.0, 719.3, 719.3, 1.2); ( 434416.0,  
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( 434404.0, 3873773.0, 719.0, 719.0, 1.2); ( 434346.1,  
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( 434288.2, 3873936.0, 719.3, 719.3, 1.2); ( 434279.0,  
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( 434180.2, 3873964.0, 718.8, 718.8, 1.2); ( 434081.3,  
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( 434026.0, 3873988.0, 717.5, 717.5, 1.2); ( 433926.0,  
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( 433826.0, 3873985.0, 716.7, 716.7, 1.2); ( 433726.0,  
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( 433626.0, 3873982.0, 716.6, 716.6, 1.2); ( 433526.1,  
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( 433426.1, 3873980.0, 716.3, 716.3, 1.2); ( 433326.1,  
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( 433226.1, 3873977.0, 715.5, 715.5, 1.2); ( 433126.1,  
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( 433026.1, 3873974.0, 714.4, 714.4, 1.2); ( 432967.0,  
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( 432867.6, 3873963.0, 713.4, 713.4, 1.2); ( 432770.0,  
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( 432681.6, 3873905.0, 715.4, 715.4, 1.2); ( 432679.0,  
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( 432681.2, 3873804.0, 713.9, 713.9, 1.2); ( 432683.4,  
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( 432685.7, 3873604.0, 712.6, 712.6, 1.2); ( 432687.9,  
3873504.0, 712.6, 712.6, 1.2);  
( 432690.1, 3873404.0, 713.2, 713.2, 1.2); ( 432691.0,  
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( 432791.0, 3873364.0, 713.2, 713.2, 1.2); ( 432891.0,  
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( 432991.0, 3873364.0, 713.2, 713.2, 1.2); ( 433091.0,  
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( 433191.0, 3873364.0, 713.2, 713.2, 1.2); ( 433291.0,  
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( 433391.0, 3873364.0, 713.4, 713.4, 1.2); ( 433491.0,  
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( 433591.0, 3873364.0, 714.7, 714.7, 1.2); ( 433691.0,  
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( 433791.0, 3873364.0, 715.7, 715.7, 1.2); ( 433891.0,  
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( 433991.0, 3873365.0, 716.3, 716.3, 1.2); ( 434091.0,  
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( 434391.0, 3873365.0, 719.1, 719.1, 1.2); ( 434491.0,  
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( 434591.0, 3873365.0, 719.9, 719.9, 1.2); ( 434691.0,  
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( 434791.0, 3873365.0, 721.4, 721.4, 1.2); ( 434891.0,  
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( 434991.0, 3873365.0, 722.6, 722.6, 1.2); ( 435091.0,  
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( 435191.0, 3873365.0, 725.2, 725.2, 1.2); ( 435291.0,  
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( 435391.0, 3873365.0, 725.8, 725.8, 1.2); ( 435491.0,  
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( 435591.0, 3873365.0, 728.0, 728.0, 1.2); ( 435691.0,  
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( 435791.0, 3873365.0, 728.7, 728.7, 1.2); ( 435836.0,  
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( 435830.3, 3873465.0, 728.5, 728.5, 1.2); ( 435824.6,  
3873565.0, 728.5, 728.5, 1.2);



( 435818.9, 3873665.0, 728.5, 728.5, 1.2); ( 435813.3,  
3873764.0, 728.4, 728.4, 1.2);  
( 433343.0, 3874839.0, 718.3, 718.3, 1.2); ( 433243.1,  
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( 433143.2, 3874831.0, 717.9, 717.9, 1.2); ( 433043.3,  
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( 432943.3, 3874823.0, 717.3, 717.3, 1.2); ( 432843.4,  
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( 432809.0, 3874817.0, 716.9, 716.9, 1.2); ( 432808.5,  
3874717.0, 716.7, 716.7, 1.2);  
( 432807.9, 3874617.0, 716.5, 716.5, 1.2); ( 432807.4,  
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( 432807.0, 3874449.0, 716.1, 716.1, 1.2); ( 432707.0,  
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( 432675.0, 3874448.0, 716.3, 716.3, 1.2); ( 432675.3,  
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( 432675.7, 3874248.0, 715.7, 715.7, 1.2); ( 432676.0,  
3874164.0, 716.1, 716.1, 1.2);

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

( 432754.0, 3874129.0, 715.8, 715.8, 1.2); ( 432853.5,  
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( 432953.0, 3874109.0, 714.8, 714.8, 1.2); ( 432999.0,  
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( 433099.0, 3874105.0, 715.1, 715.1, 1.2); ( 433199.0,  
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( 433299.0, 3874106.0, 716.3, 716.3, 1.2); ( 433399.0,  
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( 433499.0, 3874107.0, 716.5, 716.5, 1.2); ( 433599.0,  
3874107.0, 716.9, 716.9, 1.2);  
( 433699.0, 3874108.0, 717.1, 717.1, 1.2); ( 433799.0,  
3874108.0, 717.4, 717.4, 1.2);  
( 433899.0, 3874109.0, 717.6, 717.6, 1.2); ( 433999.0,  
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( 434099.0, 3874110.0, 718.4, 718.4, 1.2); ( 434169.0,  
3874110.0, 718.7, 718.7, 1.2);  
( 434176.0, 3874210.0, 719.0, 719.0, 1.2); ( 434183.0,  
3874310.0, 719.3, 719.3, 1.2);  
( 434190.0, 3874409.0, 719.6, 719.6, 1.2); ( 434197.0,  
3874509.0, 719.6, 719.6, 1.2);

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( 434204.0, 3874609.0, 719.9, 719.9, 1.2); ( 434211.0,
3874709.0, 719.7, 719.7, 1.2);
( 434217.9, 3874808.0, 719.3, 719.3, 1.2); ( 434218.0,
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( 434118.1, 3874813.0, 719.3, 719.3, 1.2); ( 434018.1,
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( 433918.2, 3874819.0, 719.3, 719.3, 1.2); ( 433818.2,
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( 433718.3, 3874826.0, 719.0, 719.0, 1.2); ( 433618.3,
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( 433518.4, 3874833.0, 718.6, 718.6, 1.2); ( 433418.5,
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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* METEOROLOGICAL DAYS SELECTED FOR

PROCESSING \*\*\*

(1=YES; 0=NO)

```

1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1

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NOTE: METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON WHAT IS INCLUDED IN THE DATA FILE.

\*\*\* UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED CATEGORIES \*\*\*

(METERS/SEC)

1.54, 3.09, 5.14, 8.23,

10.80,

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* UP TO THE FIRST 24 HOURS OF METEOROLOGICAL

DATA \*\*\*

Surface file: C:\Users\elinard\Desktop\8MINUTE\MET\723171.SFC  
Met Version: 14134  
Profile file: C:\Users\elinard\Desktop\8MINUTE\MET\723171.PFL

Surface format: FREE

Profile format: FREE

Surface station no.: 53144 Upper air station no.: 3190  
Name: UNKNOWN Name: UNKNOWN  
Year: 2009 Year: 2009

First 24 hours of scalar data

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O	LEN	Z0	BOWEN
ALBEDO	REF	WS	WD	HT	REF	TA	HT							
09	01	01	1	01	-7.2	0.093	-9.000	-9.000	-999.	68.	9.4	0.23	1.50	
1.00	1.76	301.			10.0	272.0	2.0							
09	01	01	1	02	-7.2	0.093	-9.000	-9.000	-999.	68.	9.4	0.23	1.50	
1.00	1.76	358.			10.0	271.4	2.0							
09	01	01	1	03	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.17	1.50	
1.00	0.00	0.			10.0	271.4	2.0							
09	01	01	1	04	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.17	1.50	
1.00	0.00	0.			10.0	270.9	2.0							
09	01	01	1	05	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.17	1.50	
1.00	0.00	0.			10.0	270.4	2.0							
09	01	01	1	06	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.17	1.50	
1.00	0.00	0.			10.0	269.9	2.0							
09	01	01	1	07	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.17	1.50	
1.00	0.00	0.			10.0	269.9	2.0							
09	01	01	1	08	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.17	1.50	
0.57	0.00	0.			10.0	272.0	2.0							
09	01	01	1	09	22.5	-9.000	-9.000	-9.000	55.	-999.	-99999.0	0.17	1.50	
0.33	0.00	0.			10.0	274.2	2.0							
09	01	01	1	10	79.0	-9.000	-9.000	-9.000	129.	-999.	-99999.0	0.17	1.50	
0.25	0.00	0.			10.0	277.0	2.0							

09	01	01	1	11	118.9	-9.000	-9.000	-9.000	218.	-999.	-99999.0	0.17	1.50
0.22	0.00	0.	10.0	279.9	2.0								
09	01	01	1	12	138.4	0.200	1.096	0.009	319.	215.	-4.9	0.07	1.50
0.22	1.76	116.	10.0	281.4	2.0								
09	01	01	1	13	137.1	0.194	1.208	0.008	430.	205.	-4.5	0.06	1.50
0.22	1.76	173.	10.0	283.1	2.0								
09	01	01	1	14	115.2	-9.000	-9.000	-9.000	536.	-999.	-99999.0	0.17	1.50
0.23	0.00	0.	10.0	285.4	2.0								
09	01	01	1	15	73.1	-9.000	-9.000	-9.000	625.	-999.	-99999.0	0.17	1.50
0.26	0.00	0.	10.0	286.4	2.0								
09	01	01	1	16	14.8	-9.000	-9.000	-9.000	639.	-999.	-99999.0	0.17	1.50
0.36	0.00	0.	10.0	286.1	2.0								
09	01	01	1	17	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.17	1.50
0.64	0.00	0.	10.0	285.1	2.0								
09	01	01	1	18	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.17	1.50
1.00	0.00	0.	10.0	280.1	2.0								
09	01	01	1	19	-10.7	0.116	-9.000	-9.000	-999.	94.	12.0	0.26	1.50
1.00	2.10	284.	10.0	277.1	2.0								
09	01	01	1	20	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.17	1.50
1.00	0.00	0.	10.0	276.1	2.0								
09	01	01	1	21	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.17	1.50
1.00	0.00	0.	10.0	275.1	2.0								
09	01	01	1	22	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.17	1.50
1.00	0.00	0.	10.0	276.1	2.0								
09	01	01	1	23	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.17	1.50
1.00	0.00	0.	10.0	274.1	2.0								
09	01	01	1	24	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.17	1.50
1.00	0.00	0.	10.0	272.1	2.0								

First hour of profile data

YR	MO	DY	HR	HEIGHT	F	WDIR	WSPD	AMB_TMP	sigmaA	sigmaW	sigmaV
09	01	01	01	10.0	1	301.	1.76	272.1	99.0	-99.00	-99.00

F indicates top of profile (=1) or below (=0)

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: 1001A \*\*\*  
INCLUDING SOURCE(S): 1001A ,

\*\*\* NETWORK ID: COURSE ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD (METERS)	430733.00	431233.00	431733.00	X-COORD (METERS)	
433233.00	433733.00	434233.00	434733.00	432233.00	432733.00
3879761.00	0.01016	0.00997	0.00968	0.01000	0.01137
0.01310	0.01460	0.01585	0.01760		
3879261.00	0.01050	0.01097	0.01066	0.01026	0.01067
0.01207	0.01419	0.01561	0.01725		
3878761.00	0.00986	0.01089	0.01143	0.01139	0.01120
0.01153	0.01284	0.01496	0.01688		
3878261.00	0.00886	0.01005	0.01124	0.01203	0.01231
0.01230	0.01260	0.01390	0.01609		
3877761.00	0.00843	0.00910	0.01019	0.01147	0.01259
0.01325	0.01358	0.01390	0.01507		
3877261.00	0.00934	0.00923	0.00956	0.01044	0.01178
0.01315	0.01419	0.01488	0.01542		
3876761.00	0.01130	0.01096	0.01061	0.01052	0.01103
0.01222	0.01375	0.01509	0.01615		
3876261.00	0.01307	0.01309	0.01291	0.01258	0.01225
0.01227	0.01303	0.01448	0.01604		
3875761.00	0.01425	0.01469	0.01499	0.01509	0.01495
0.01470	0.01446	0.01460	0.01567		
3875261.00	0.01513	0.01584	0.01660	0.01723	0.01767
0.01778	0.01769	0.01743	0.01736		
3874761.00	0.01420	0.01558	0.01686	0.01809	0.01927
0.02043	0.02129	0.02159	0.02154		
3874261.00	0.01108	0.01262	0.01445	0.01636	0.01831
0.02013	0.02208	0.02414	0.02605		
3873761.00	0.00979	0.01041	0.01131	0.01261	0.01441
0.01674	0.01943	0.02228	0.02518		
3873261.00	0.01053	0.01104	0.01155	0.01212	0.01285
0.01381	0.01522	0.01736	0.02045		
3872761.00	0.01267	0.01323	0.01386	0.01453	0.01533
0.01623	0.01723	0.01840	0.01982		
3872261.00	0.01559	0.01640	0.01729	0.01830	0.01942
0.02068	0.02212	0.02385	0.02586		
3871761.00	0.01569	0.01667	0.01776	0.01895	0.02040
0.02204	0.02389	0.02615	0.02889		
3871261.00	0.01324	0.01406	0.01501	0.01602	0.01726
0.01872	0.02040	0.02248	0.02489		
3870761.00	0.01202	0.01288	0.01394	0.01500	0.01622
0.01757	0.01902	0.02059	0.02225		
3870261.00	0.01234	0.01303	0.01367	0.01429	0.01471
0.01515	0.01536	0.01553	0.01571		
3869761.00	0.01042	0.01044	0.01047	0.01038	0.01031

0.01042	0.01062	0.01110	0.01207		
3869261.00		0.00756	0.00760	0.00771	0.00798 0.00824
0.00884	0.00982	0.01131	0.01378		
3868761.00		0.00630	0.00655	0.00698	0.00759 0.00850
0.00983	0.01172	0.01437	0.01782		
3868261.00		0.00617	0.00679	0.00766	0.00883 0.01033
0.01223	0.01456	0.01743	0.02072		
3867761.00		0.00709	0.00811	0.00934	0.01078 0.01237
0.01416	0.01629	0.01825	0.01958		
3867261.00		0.00864	0.00979	0.01097	0.01214 0.01343
0.01482	0.01573	0.01628	0.01684		
3866761.00		0.01025	0.01112	0.01220	0.01281 0.01324
0.01347	0.01375	0.01449	0.01543		
3866261.00		0.01111	0.01174	0.01199	0.01176 0.01160
0.01192	0.01272	0.01303	0.01113		
3865761.00		0.01112	0.01086	0.01035	0.01011 0.01055
0.01131	0.01147	0.00998	0.00656		
3865261.00		0.00950	0.00900	0.00900	0.00962 0.01016
0.01011	0.00891	0.00658	0.00520		
3864761.00		0.00792	0.00820	0.00881	0.00925 0.00894
0.00803	0.00622	0.00577	0.00507		

\*\*\* AERMOD - VERSION 19191 \*\*\*  
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\*\*\* AERMET - VERSION 14134 \*\*\*  
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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1001A

INCLUDING SOURCE(S): 1001A ,

\*\*\* NETWORK ID: COURSE ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD (METERS)		X-COORD (METERS)			
		435233.00	435733.00	436233.00	436733.00 437233.00
437733.00		438233.00	438733.00	439233.00	

3879761.00		0.01990	0.02402	0.02883	0.03155	0.03337
0.03573	0.03882	0.04355	0.04529			
3879261.00		0.01918	0.02235	0.02838	0.03255	0.03404
0.03770	0.04070	0.04494	0.04895			
3878761.00		0.01898	0.02225	0.02655	0.03252	0.03679

0.03979	0.04227	0.04634	0.05227			
3878261.00		0.01905	0.02143	0.02550	0.02932	0.03373
0.03812	0.04417	0.04800	0.05439			
3877761.00		0.01735	0.02021	0.02369	0.02539	0.02956
0.03634	0.04591	0.05042	0.05632			
3877261.00		0.01660	0.01901	0.02250	0.02685	0.03151
0.03953	0.04680	0.05356	0.05884			
3876761.00		0.01711	0.01851	0.02111	0.02542	0.03156
0.03819	0.04614	0.05568	0.06306			
3876261.00		0.01753	0.01912	0.02096	0.02376	0.02945
0.03646	0.04459	0.05605	0.07011			
3875761.00		0.01723	0.01902	0.02132	0.02405	0.02743
0.03422	0.04441	0.05612	0.07533			
3875261.00		0.01792	0.01923	0.02102	0.02395	0.02785
0.03229	0.04191	0.05629	0.07522			
3874761.00		0.02143	0.02173	0.02289	0.02433	0.02723
0.03249	0.03955	0.05386	0.07536			
3874261.00		0.02728	0.02770	0.02775	0.02878	0.03040
0.03280	0.03916	0.04969	0.07217			
3873761.00		0.02839	0.03193	0.03502	0.03711	0.03864
0.04102	0.04366	0.05103	0.06595			
3873261.00		0.02451	0.02919	0.03426	0.03997	0.04570
0.05069	0.05681	0.06432	0.07665			
3872761.00		0.02171	0.02449	0.02883	0.03539	0.04434
0.05462	0.06552	0.07646	0.09342			
3872261.00		0.02830	0.03122	0.03471	0.03908	0.04500
0.05385	0.06818	0.09150	0.12684			
3871761.00		0.03215	0.03619	0.04127	0.04771	0.05621
0.06774	0.08370	0.10698	0.14390			
3871261.00		0.02781	0.03127	0.03523	0.04031	0.04686
0.05544	0.06675	0.08082	0.11064			
3870761.00		0.02394	0.02569	0.02750	0.02963	0.03344
0.03773	0.04793	0.07011	0.10857			
3870261.00		0.01610	0.01698	0.01881	0.02256	0.02983
0.04311	0.06234	0.07993	0.08862			
3869761.00		0.01385	0.01697	0.02213	0.03049	0.04164
0.05152	0.05456	0.05564	0.05675			
3869261.00		0.01748	0.02280	0.02993	0.03713	0.04014
0.02628	0.02152	0.03456	0.04361			
3868761.00		0.02230	0.02732	0.03061	0.03129	0.02764
0.01875	0.01596	0.02278	0.03140			
3868261.00		0.02358	0.02484	0.02525	0.02205	0.01323
0.00969	0.00932	0.01521	0.02043			
3867761.00		0.02019	0.02085	0.01767	0.01134	0.00876
0.00726	0.00809	0.01184	0.01410			
3867261.00		0.01770	0.01587	0.01012	0.00822	0.00632
0.00643	0.00724	0.00945	0.00963			
3866761.00		0.01267	0.00827	0.00696	0.00584	0.00558
0.00643	0.00703	0.00731	0.00727			
3866261.00		0.00752	0.00638	0.00501	0.00514	0.00562

0.00598	0.00600	0.00586	0.00599		
3865761.00		0.00531	0.00457	0.00457	0.00501 0.00552
0.00537	0.00512	0.00495	0.00512		
3865261.00		0.00441	0.00414	0.00457	0.00508 0.00527
0.00491	0.00466	0.00459	0.00446		
3864761.00		0.00400	0.00427	0.00479	0.00487 0.00487
0.00450	0.00435	0.00426	0.00412		

^ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*\*  
 \*\*\* 09/09/20  
 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*  
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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1001A \*\*\*

INCLUDING SOURCE(S): 1001A ,

\*\*\* NETWORK ID: COURSE ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD		X-COORD (METERS)			
(METERS)		439733.00	440233.00	440733.00	441233.00 441733.00
442233.00		442733.00	443233.00	443733.00	

3879761.00		0.04721	0.05267	0.05351	0.04179	0.03165
0.02345	0.01820	0.01478	0.01629			
3879261.00		0.05068	0.05575	0.05875	0.04783	0.03575
0.02645	0.02031	0.02002	0.01854			
3878761.00		0.05552	0.05972	0.06526	0.05698	0.04139
0.03254	0.02397	0.01958	0.02123			
3878261.00		0.06041	0.06485	0.07137	0.06539	0.04744
0.03886	0.03426	0.02415	0.02326			
3877761.00		0.06488	0.07062	0.07667	0.07433	0.05571
0.04515	0.04279	0.03366	0.02736			
3877261.00		0.06876	0.07704	0.08453	0.08392	0.06527
0.05285	0.05087	0.04149	0.03376			
3876761.00		0.07315	0.08712	0.09265	0.09397	0.07538
0.06074	0.05738	0.04668	0.04069			
3876261.00		0.07957	0.09420	0.10274	0.10799	0.08577
0.07041	0.06498	0.05334	0.05021			
3875761.00		0.08507	0.10022	0.11649	0.10661	0.08938
0.08295	0.07411	0.06268	0.06262			
3875261.00		0.09647	0.10998	0.12940	0.14322	0.13060



0.09804	0.08679	0.07744	0.07842		
3874761.00		0.10046	0.12125	0.14653	0.16630 0.15560
0.11912	0.10736	0.09988	0.09769		
3874261.00		0.09601	0.13188	0.17514	0.20804 0.20053
0.15500	0.14247	0.13536	0.12241		
3873761.00		0.09490	0.14357	0.21278	0.27733 0.28611
0.22936	0.21180	0.19404	0.16443		
3873261.00		0.10335	0.15848	0.26477	0.40866 0.48850
0.41973	0.36798	0.29519	0.20236		
3872761.00		0.12791	0.20679	0.37746	0.70828 1.23154
1.14105	0.67953	0.34752	0.18696		
3872261.00		0.17589	0.29079	0.73018	2.12416 8.35200
7.18838	0.88795	0.35145	0.18509		
3871761.00		0.21396	0.41687	5.65268	8.03260 8.62791
7.07129	0.77364	0.33712	0.19397		
3871261.00		0.17521	0.32933	0.69689	1.00550 1.13296
0.85902	0.41706	0.25445	0.16395		
3870761.00		0.14827	0.19532	0.25173	0.28963 0.26976
0.28057	0.18201	0.14510	0.12174		
3870261.00		0.10137	0.11376	0.12689	0.13489 0.11805
0.07356	0.05998	0.06771	0.07362		
3869761.00		0.07344	0.08406	0.06808	0.06102 0.06166
0.05075	0.02597	0.03230	0.03164		
3869261.00		0.05369	0.05613	0.04250	0.03639 0.03285
0.02816	0.02130	0.01983	0.01781		
3868761.00		0.03502	0.03484	0.03315	0.02895 0.01866
0.01633	0.01401	0.01423	0.01286		
3868261.00		0.02163	0.02304	0.02584	0.03220 0.02573
0.01667	0.01163	0.01109	0.01147		
3867761.00		0.01352	0.01665	0.02012	0.02459 0.02680
0.02598	0.01613	0.00908	0.00967		
3867261.00		0.01007	0.01299	0.01611	0.01872 0.01993
0.02259	0.01793	0.01142	0.00765		
3866761.00		0.00808	0.00992	0.01232	0.01383 0.01466
0.01676	0.01498	0.01003	0.00753		
3866261.00		0.00630	0.00760	0.00946	0.01038 0.01108
0.01302	0.01213	0.00846	0.00738		
3865761.00		0.00525	0.00636	0.00752	0.00799 0.00827
0.00984	0.00993	0.00728	0.00631		
3865261.00		0.00466	0.00552	0.00641	0.00650 0.00675
0.00795	0.00783	0.00659	0.00544		
3864761.00		0.00445	0.00501	0.00567	0.00556 0.00579
0.00657	0.00667	0.00590	0.00491		

▲ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*  
\*\*\* 09/09/20  
\*\*\* AERMET - VERSION 14134 \*\*\* \*\*  
\*\*\* 22:25:03

VALUES FOR SOURCE GROUP: 1001A \*\*\* THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION \*\*\*

INCLUDING SOURCE(S): 1001A ,

GRIDCART \*\*\* \*\*\* NETWORK ID: COURSE ; NETWORK TYPE:

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

Y-COORD (METERS)	444233.00	444733.00	445233.00	X-COORD (METERS) 445733.00
3879761.00	0.01399	0.01451	0.01480	0.01597
3879261.00	0.01639	0.01643	0.01763	0.01909
3878761.00	0.01935	0.01909	0.02050	0.02271
3878261.00	0.02174	0.02363	0.02572	0.02579
3877761.00	0.02614	0.03027	0.03069	0.02865
3877261.00	0.03355	0.03765	0.03581	0.03175
3876761.00	0.04310	0.04423	0.03973	0.03462
3876261.00	0.05258	0.05051	0.04234	0.03705
3875761.00	0.06315	0.05556	0.04690	0.04372
3875261.00	0.07303	0.06225	0.05620	0.05309
3874761.00	0.08472	0.07480	0.06925	0.06271
3874261.00	0.10624	0.09408	0.07844	0.05987
3873761.00	0.13364	0.09905	0.06863	0.04720
3873261.00	0.12984	0.08217	0.05437	0.03950
3872761.00	0.10877	0.07186	0.05314	0.04204
3872261.00	0.11953	0.08618	0.06613	0.05289
3871761.00	0.12974	0.09495	0.07304	0.05824
3871261.00	0.10915	0.07902	0.06197	0.05077
3870761.00	0.09487	0.07134	0.05687	0.04143
3870261.00	0.07388	0.06394	0.04593	0.04031
3869761.00	0.03981	0.03371	0.02298	0.02961
3869261.00	0.02169	0.02143	0.01833	0.02131
3868761.00	0.01552	0.01570	0.01272	0.01518
3868261.00	0.01159	0.01022	0.00943	0.00865
3867761.00	0.00967	0.00809	0.00688	0.00627
3867261.00	0.00781	0.00690	0.00619	0.00593
3866761.00	0.00619	0.00617	0.00500	0.00514
3866261.00	0.00558	0.00520	0.00431	0.00388
3865761.00	0.00521	0.00440	0.00423	0.00324
3865261.00	0.00495	0.00387	0.00381	0.00327
3864761.00	0.00444	0.00356	0.00312	0.00292

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\*\*\* AERMET - VERSION 14134 \*\*\*

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: 1001A \*\*\*

INCLUDING SOURCE(S): 1001A ,

\*\*\* NETWORK ID: DESERTL ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD (METERS)	X-COORD (METERS)				
	435850.40	435900.40	435950.40	436000.40	436050.40
436100.40	436150.40	436200.40	436250.40		

3874157.00	0.02957	0.02943	0.02937	0.02935	0.02935
0.02936	0.02936	0.02937	0.02939		
3874107.00	0.03024	0.03021	0.03016	0.03017	0.03017
0.03017	0.03017	0.03020	0.03027		
3874057.00	0.03070	0.03078	0.03087	0.03092	0.03096
0.03098	0.03102	0.03111	0.03123		
3874007.00	0.03130	0.03140	0.03152	0.03160	0.03166
0.03175	0.03183	0.03193	0.03204		
3873957.00	0.03198	0.03195	0.03208	0.03219	0.03230
0.03242	0.03255	0.03269	0.03281		
3873907.00	0.03231	0.03239	0.03256	0.03272	0.03287
0.03304	0.03320	0.03337	0.03352		
3873857.00	0.03249	0.03272	0.03293	0.03314	0.03333
0.03352	0.03375	0.03397	0.03416		
3873807.00	0.03266	0.03293	0.03319	0.03344	0.03368
0.03394	0.03421	0.03446	0.03471		
3873757.00	0.03272	0.03303	0.03333	0.03363	0.03393
0.03424	0.03455	0.03484	0.03514		
3873707.00	0.03269	0.03303	0.03337	0.03372	0.03407
0.03442	0.03477	0.03511	0.03544		
3873657.00	0.03258	0.03295	0.03331	0.03369	0.03410
0.03449	0.03488	0.03525	0.03563		
3873607.00	0.03241	0.03279	0.03318	0.03360	0.03403
0.03448	0.03490	0.03529	0.03570		
3873557.00	0.03220	0.03259	0.03300	0.03345	0.03391
0.03437	0.03484	0.03525	0.03566		
3873507.00	0.03195	0.03236	0.03278	0.03325	0.03374
0.03422	0.03470	0.03515	0.03558		
3873457.00	0.03168	0.03210	0.03255	0.03304	0.03353

0.03402	0.03450	0.03497	0.03542		
3873407.00	0.03141	0.03185	0.03232	0.03280	0.03328
0.03377	0.03426	0.03474	0.03523		
3873357.00	0.03109	0.03156	0.03204	0.03254	0.03302
0.03350	0.03398	0.03449	0.03500		
3873307.00	0.03072	0.03122	0.03172	0.03222	0.03272
0.03319	0.03366	0.03420	0.03473		
3873257.00	0.03031	0.03078	0.03133	0.03180	0.03236
0.03284	0.03333	0.03388	0.03441		
3873207.00	0.02978	0.03030	0.03083	0.03133	0.03190
0.03241	0.03292	0.03350	0.03409		
3873157.00	0.02917	0.02975	0.03026	0.03080	0.03137
0.03191	0.03251	0.03306	0.03366		

^ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*  
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 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*  
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\*\*\* MODELOPTs: RegDFault CONC ELEV FLGPOL RURAL

\*\*\* THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1001A \*\*\*

INCLUDING SOURCE(S): 1001A ,

\*\*\* NETWORK ID: DESERTL ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD (METERS)	X-COORD (METERS)				
	436300.40	436350.40	436400.40	436450.40	436500.40
436550.40	436600.40	436650.40	436700.40		

3874157.00	0.02939	0.02942	0.02947	0.02958	0.02970
0.02976	0.02982	0.02994	0.03005		
3874107.00	0.03033	0.03032	0.03038	0.03045	0.03053
0.03058	0.03063	0.03071	0.03081		
3874057.00	0.03127	0.03128	0.03130	0.03133	0.03138
0.03144	0.03149	0.03156	0.03165		
3874007.00	0.03212	0.03215	0.03218	0.03222	0.03225
0.03230	0.03236	0.03245	0.03253		
3873957.00	0.03290	0.03298	0.03304	0.03310	0.03315
0.03320	0.03327	0.03337	0.03345		
3873907.00	0.03366	0.03379	0.03388	0.03395	0.03402
0.03410	0.03420	0.03429	0.03440		
3873857.00	0.03434	0.03451	0.03464	0.03476	0.03486

0.03498	0.03509	0.03522	0.03533		
3873807.00		0.03495	0.03513	0.03532	0.03548 0.03564
0.03579	0.03593	0.03607	0.03623		
3873757.00		0.03541	0.03565	0.03589	0.03610 0.03630
0.03649	0.03670	0.03686	0.03706		
3873707.00		0.03576	0.03607	0.03633	0.03662 0.03686
0.03711	0.03735	0.03757	0.03780		
3873657.00		0.03598	0.03633	0.03665	0.03699 0.03729
0.03760	0.03789	0.03816	0.03842		
3873607.00		0.03611	0.03649	0.03688	0.03723 0.03762
0.03798	0.03834	0.03862	0.03893		
3873557.00		0.03610	0.03653	0.03695	0.03738 0.03778
0.03820	0.03860	0.03898	0.03932		
3873507.00		0.03600	0.03649	0.03695	0.03742 0.03787
0.03832	0.03875	0.03919	0.03962		
3873457.00		0.03589	0.03639	0.03686	0.03736 0.03783
0.03832	0.03878	0.03927	0.03975		
3873407.00		0.03573	0.03621	0.03671	0.03723 0.03773
0.03823	0.03872	0.03927	0.03980		
3873357.00		0.03550	0.03602	0.03653	0.03704 0.03757
0.03810	0.03864	0.03920	0.03978		
3873307.00		0.03526	0.03577	0.03629	0.03683 0.03738
0.03792	0.03850	0.03910	0.03971		
3873257.00		0.03500	0.03551	0.03606	0.03664 0.03716
0.03780	0.03834	0.03896	0.03959		
3873207.00		0.03463	0.03519	0.03578	0.03632 0.03695
0.03751	0.03813	0.03873	0.03939		
3873157.00		0.03420	0.03484	0.03540	0.03604 0.03660
0.03721	0.03785	0.03845	0.03913		

▲ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*

\*\*\* 09/09/20

\*\*\* AERMET - VERSION 14134 \*\*\* \*\*

\*\*\* 22:25:03

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: 1001A \*\*\*

INCLUDING SOURCE(S): 1001A ,

\*\*\* NETWORK ID: DESERTL ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD				X-COORD (METERS)
(METERS)		436750.40	436800.40	436850.40

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-----
3874157.00 | 0.03020 0.03032 0.03046
3874107.00 | 0.03093 0.03105 0.03120
3874057.00 | 0.03175 0.03186 0.03198
3874007.00 | 0.03262 0.03272 0.03284
3873957.00 | 0.03353 0.03363 0.03374
3873907.00 | 0.03448 0.03459 0.03468
3873857.00 | 0.03545 0.03554 0.03565
3873807.00 | 0.03635 0.03649 0.03660
3873757.00 | 0.03724 0.03738 0.03753
3873707.00 | 0.03800 0.03822 0.03839
3873657.00 | 0.03866 0.03892 0.03915
3873607.00 | 0.03923 0.03952 0.03981
3873557.00 | 0.03969 0.04005 0.04037
3873507.00 | 0.04002 0.04042 0.04082
3873457.00 | 0.04024 0.04071 0.04115
3873407.00 | 0.04036 0.04087 0.04135
3873357.00 | 0.04038 0.04094 0.04145
3873307.00 | 0.04032 0.04086 0.04140
3873257.00 | 0.04022 0.04077 0.04133
3873207.00 | 0.03999 0.04057 0.04115
3873157.00 | 0.03972 0.04031 0.04092

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^ *** AERMOD - VERSION 19191 *** ***
*** 09/09/20
*** AERMET - VERSION 14134 *** ***
*** 22:25:03

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: 1001A \*\*\*

INCLUDING SOURCE(S): 1001A ,

\*\*\* NETWORK ID: BORON ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

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Y-COORD | X-COORD (METERS)
(METERS) | 439957.60 440007.60 440057.60 440107.60 440157.60
440207.60 440257.60 440307.60 440357.60

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```

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3874057.00 | 0.11193 0.11605 0.12023 0.12455 0.12911
0.13400 | 0.13923 0.14478 0.15054
3874007.00 | 0.11219 0.11645 0.12085 0.12530 0.12995

```

0.13490	0.14045	0.14618	0.15208		
3873957.00		0.11255	0.11696	0.12150	0.13091
0.13604	0.14165	0.14754	0.15369		
3873907.00		0.11289	0.11748	0.12216	0.12696
0.13719	0.14286	0.14896	0.15533		
3873857.00		0.11329	0.11797	0.12282	0.12781
0.13834	0.14418	0.15035	0.15700		
3873807.00		0.11362	0.11849	0.12347	0.12861
0.13949	0.14542	0.15183	0.15866		
3873757.00		0.11406	0.11901	0.12412	0.12940
0.14063	0.14677	0.15334	0.16039		
3873707.00		0.11449	0.11955	0.12476	0.13018
0.14178	0.14813	0.15488	0.16220		
3873657.00		0.11497	0.12012	0.12541	0.13096
0.14289	0.14945	0.15653	0.16405		
3873607.00		0.11549	0.12069	0.12616	0.13177
0.14399	0.15074	0.15807	0.16588		
3873557.00		0.11598	0.12132	0.12691	0.13264
0.14511	0.15203	0.15965	0.16777		
3873507.00		0.11657	0.12203	0.12775	0.13367
0.14635	0.15337	0.16110	0.16960		
3873457.00		0.11725	0.12280	0.12864	0.13471
0.14763	0.15474	0.16261	0.17139		
3873407.00		0.11806	0.12367	0.12966	0.13588
0.14910	0.15637	0.16429	0.17323		
3873357.00		0.11912	0.12474	0.13079	0.13718
0.15072	0.15817	0.16629	0.17542		
3873307.00		0.12054	0.12610	0.13215	0.13867
0.15266	0.16019	0.16856	0.17785		
3873257.00		0.12242	0.12786	0.13390	0.14050
0.15478	0.16252	0.17098	0.18064		
3873207.00		0.12499	0.13038	0.13631	0.14284
0.15762	0.16567	0.17417	0.18359		
3873157.00		0.12796	0.13320	0.13908	0.14584
0.16089	0.16889	0.17748	0.18696		
3873107.00		0.13128	0.13681	0.14270	0.14923
0.16445	0.17261	0.18134	0.19103		
3873057.00		0.13521	0.14062	0.14657	0.15338
0.16871	0.17732	0.18631	0.19615		
3873007.00		0.13933	0.14498	0.15113	0.15793
0.17381	0.18272	0.19191	0.20201		
3872957.00		0.14306	0.14905	0.15557	0.16292
0.17936	0.18854	0.19863	0.20902		
3872907.00		0.14692	0.15333	0.16017	0.16760
0.18517	0.19510	0.20545	0.21651		
3872857.00		0.15012	0.15700	0.16461	0.17248
0.19073	0.20128	0.21283	0.22466		
3872807.00		0.15315	0.16047	0.16824	0.17657
0.19627	0.20738	0.21977	0.23278		
3872757.00		0.15600	0.16369	0.17214	0.18096
					0.19076

0.20145	0.21342	0.22626	0.24007		
3872707.00	0.15891	0.16708	0.17585	0.18546	0.19552
0.20658	0.21886	0.23263	0.24789		
3872657.00	0.16253	0.17089	0.17993	0.19035	0.20096
0.21258	0.22545	0.23982	0.25549		
3872607.00	0.16617	0.17534	0.18511	0.19578	0.20703
0.21886	0.23293	0.24806	0.26486		
3872557.00	0.17094	0.18041	0.19069	0.20165	0.21365
0.22681	0.24134	0.25751	0.27559		

^ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*\*  
 \*\*\* 09/09/20  
 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*  
 \*\*\* 22:25:03

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1001A \*\*\*  
 INCLUDING SOURCE(S): 1001A ,

\*\*\* NETWORK ID: BORON ; NETWORK TYPE:  
 GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD (METERS)	X-COORD (METERS)
440407.60	440457.60
440507.60	440557.60
440657.60	440607.60
440707.60	
440757.60	
440807.60	

3874057.00	0.15629	0.16203	0.16755	0.17274	0.17754
0.18196	0.18605	0.19000	0.19382		
3874007.00	0.15817	0.16412	0.16991	0.17552	0.18065
0.18536	0.18976	0.19386	0.19790		
3873957.00	0.16005	0.16629	0.17238	0.17833	0.18381
0.18890	0.19359	0.19795	0.20222		
3873907.00	0.16192	0.16849	0.17493	0.18115	0.18705
0.19255	0.19756	0.20227	0.20675		
3873857.00	0.16379	0.17072	0.17745	0.18410	0.19034
0.19622	0.20167	0.20665	0.21151		
3873807.00	0.16576	0.17296	0.18005	0.18702	0.19370
0.20002	0.20582	0.21121	0.21638		
3873757.00	0.16771	0.17523	0.18265	0.18997	0.19700
0.20372	0.21009	0.21594	0.22148		
3873707.00	0.16975	0.17756	0.18529	0.19295	0.20040
0.20765	0.21436	0.22069	0.22679		
3873657.00	0.17196	0.17998	0.18805	0.19596	0.20382



0.21146	0.21876	0.22565	0.23218		
3873607.00	0.17413	0.18259	0.19093	0.19916	0.20736
0.21545	0.22325	0.23073	0.23792		
3873557.00	0.17636	0.18515	0.19394	0.20263	0.21109
0.21959	0.22786	0.23593	0.24388		
3873507.00	0.17862	0.18787	0.19715	0.20615	0.21503
0.22380	0.23260	0.24123	0.24988		
3873457.00	0.18079	0.19065	0.20045	0.20988	0.21920
0.22827	0.23746	0.24668	0.25598		
3873407.00	0.18308	0.19343	0.20381	0.21380	0.22354
0.23304	0.24252	0.25232	0.26224		
3873357.00	0.18547	0.19623	0.20721	0.21782	0.22808
0.23799	0.24796	0.25816	0.26873		
3873307.00	0.18812	0.19915	0.21068	0.22194	0.23279
0.24325	0.25367	0.26427	0.27549		
3873257.00	0.19096	0.20231	0.21424	0.22622	0.23774
0.24882	0.25967	0.27086	0.28260		
3873207.00	0.19409	0.20571	0.21804	0.23048	0.24294
0.25490	0.26637	0.27795	0.29022		
3873157.00	0.19764	0.20963	0.22251	0.23573	0.24851
0.26091	0.27301	0.28519	0.29807		
3873107.00	0.20219	0.21444	0.22762	0.24113	0.25448
0.26749	0.28022	0.29304	0.30659		
3873057.00	0.20717	0.21965	0.23358	0.24765	0.26159
0.27520	0.28857	0.30205	0.31656		
3873007.00	0.21350	0.22630	0.24039	0.25506	0.26964
0.28387	0.29785	0.31201	0.32707		
3872957.00	0.22050	0.23357	0.24814	0.26345	0.27872
0.29361	0.30880	0.32366	0.33954		
3872907.00	0.22873	0.24241	0.25771	0.27379	0.28987
0.30553	0.32087	0.33646	0.35357		
3872857.00	0.23745	0.25195	0.26798	0.28504	0.30242
0.31925	0.33547	0.35193	0.36958		
3872807.00	0.24659	0.26201	0.27919	0.29757	0.31601
0.33386	0.35123	0.36882	0.38783		
3872757.00	0.25495	0.27190	0.29045	0.31047	0.33063
0.35044	0.36933	0.38846	0.40898		
3872707.00	0.26383	0.28171	0.30164	0.32345	0.34561
0.36702	0.38774	0.40919	0.43220		
3872657.00	0.27324	0.29204	0.31322	0.33671	0.36090
0.38435	0.40704	0.43020	0.45536		
3872607.00	0.28332	0.30364	0.32631	0.35144	0.37760
0.40299	0.42751	0.45261	0.48064		
3872557.00	0.29552	0.31782	0.34206	0.36938	0.39782
0.42535	0.45166	0.47849	0.50836		
▲ *** AERMOD - VERSION	19191 ***	***			
	***	09/09/20			
*** AERMET - VERSION	14134 ***	***			
	***	22:25:03			

\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: 1001A \*\*\*

INCLUDING SOURCE(S): 1001A ,

\*\*\* NETWORK ID: BORON ; NETWORK TYPE:  
GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD (METERS)					X-COORD (METERS)	
	440857.60	440907.60	440957.60	441007.60	441057.60	
441107.60	441157.60	441207.60	441257.60			

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3874057.00		0.19789	0.20208	0.20671	0.21147	0.21637
0.22130		0.22585	0.22991	0.23330		
3874007.00		0.20214	0.20673	0.21143	0.21668	0.22193
0.22712		0.23196	0.23634	0.23993		
3873957.00		0.20669	0.21141	0.21658	0.22217	0.22781
0.23338		0.23859	0.24314	0.24708		
3873907.00		0.21143	0.21656	0.22208	0.22799	0.23408
0.24001		0.24559	0.25047	0.25472		
3873857.00		0.21645	0.22184	0.22776	0.23416	0.24079
0.24715		0.25299	0.25822	0.26282		
3873807.00		0.22157	0.22725	0.23363	0.24059	0.24775
0.25465		0.26097	0.26656	0.27141		
3873757.00		0.22706	0.23298	0.23977	0.24731	0.25504
0.26241		0.26926	0.27532	0.28060		
3873707.00		0.23280	0.23927	0.24642	0.25434	0.26267
0.27080		0.27807	0.28467	0.29044		
3873657.00		0.23877	0.24572	0.25330	0.26172	0.27061
0.27944		0.28745	0.29464	0.30096		
3873607.00		0.24510	0.25258	0.26059	0.26954	0.27915
0.28854		0.29736	0.30515	0.31215		
3873557.00		0.25165	0.25970	0.26837	0.27784	0.28813
0.29834		0.30785	0.31648	0.32409		
3873507.00		0.25846	0.26712	0.27630	0.28657	0.29747
0.30855		0.31900	0.32847	0.33691		
3873457.00		0.26525	0.27472	0.28469	0.29552	0.30724
0.31919		0.33082	0.34136	0.35066		
3873407.00		0.27242	0.28279	0.29349	0.30508	0.31761
0.33071		0.34338	0.35506	0.36543		
3873357.00		0.27971	0.29101	0.30273	0.31517	0.32857
0.34289		0.35687	0.36989	0.38143		
3873307.00		0.28732	0.29974	0.31248	0.32592	0.34019

0.35564	0.37119	0.38575	0.39849		
3873257.00	0.29532	0.30883	0.32278	0.33715	0.35255
0.36911	0.38617	0.40236	0.41700		
3873207.00	0.30359	0.31805	0.33322	0.34888	0.36596
0.38385	0.40236	0.42026	0.43711		
3873157.00	0.31220	0.32769	0.34452	0.36202	0.37992
0.39911	0.41937	0.43936	0.45870		
3873107.00	0.32206	0.33856	0.35644	0.37509	0.39462
0.41550	0.43771	0.46088	0.48188		
3873057.00	0.33228	0.34975	0.36881	0.38948	0.41078
0.43362	0.45848	0.48343	0.50789		
3873007.00	0.34377	0.36253	0.38306	0.40481	0.42813
0.45323	0.48029	0.50901	0.53619		
3872957.00	0.35701	0.37651	0.39818	0.42210	0.44722
0.47452	0.50449	0.53594	0.56720		
3872907.00	0.37205	0.39299	0.41575	0.44060	0.46756
0.49788	0.53101	0.56702	0.60253		
3872857.00	0.38919	0.41119	0.43537	0.46244	0.49160
0.52398	0.56078	0.60093	0.64168		
3872807.00	0.40939	0.43277	0.45840	0.48663	0.51863
0.55430	0.59463	0.64003	0.68707		
3872757.00	0.43165	0.45710	0.48494	0.51566	0.54957
0.58804	0.63264	0.68493	0.73940		
3872707.00	0.45724	0.48468	0.51466	0.54809	0.58520
0.62880	0.67859	0.73690	0.80038		
3872657.00	0.48325	0.51377	0.54823	0.58520	0.62664
0.67442	0.73233	0.79895	0.87308		
3872607.00	0.51143	0.54535	0.58288	0.62517	0.67302
0.72847	0.79357	0.87071	0.95745		
3872557.00	0.54239	0.57934	0.62040	0.66712	0.72171
0.78647	0.86404	0.95796	1.06246		

^ \*\*\* AERMOD - VERSION 19191 \*\*\*  
 \*\*\* 09/09/20  
 \*\*\* AERMET - VERSION 14134 \*\*\*  
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1001A \*\*\*

INCLUDING SOURCE(S): 1001A ,

\*\*\* NETWORK ID: BORON ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD |

X-COORD (METERS)

(METERS) | 441307.60 441357.60 441407.60 441457.60

3874057.00	0.23572	0.23714	0.23765	0.23740
3874007.00	0.24269	0.24444	0.24511	0.24483
3873957.00	0.25007	0.25210	0.25308	0.25309
3873907.00	0.25796	0.26036	0.26155	0.26187
3873857.00	0.26660	0.26913	0.27063	0.27122
3873807.00	0.27557	0.27847	0.28038	0.28120
3873757.00	0.28512	0.28858	0.29079	0.29188
3873707.00	0.29551	0.29929	0.30187	0.30356
3873657.00	0.30651	0.31083	0.31398	0.31591
3873607.00	0.31824	0.32333	0.32708	0.32953
3873557.00	0.33100	0.33666	0.34126	0.34436
3873507.00	0.34442	0.35112	0.35631	0.36043
3873457.00	0.35907	0.36668	0.37283	0.37771
3873407.00	0.37485	0.38348	0.39083	0.39691
3873357.00	0.39191	0.40178	0.41051	0.41769
3873307.00	0.41040	0.42159	0.43180	0.44048
3873257.00	0.43018	0.44279	0.45460	0.46536
3873207.00	0.45204	0.46656	0.48067	0.49355
3873157.00	0.47537	0.49222	0.50888	0.52424
3873107.00	0.50099	0.52079	0.54007	0.55911
3873057.00	0.53041	0.55200	0.57531	0.59719
3873007.00	0.56176	0.58779	0.61475	0.64171
3872957.00	0.59784	0.62742	0.66017	0.69096
3872907.00	0.63711	0.67235	0.71029	0.74734
3872857.00	0.68278	0.72391	0.76792	0.81333
3872807.00	0.73382	0.78230	0.83678	0.89179
3872757.00	0.79409	0.85255	0.91783	0.98661
3872707.00	0.86515	0.93517	1.01445	1.10071
3872657.00	0.94929	1.03292	1.13149	1.24531
3872607.00	1.04946	1.15130	1.27752	1.43118
3872557.00	1.17092	1.29545	1.45754	1.67707

▲ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*  
\*\*\* 09/09/20

\*\*\* AERMET - VERSION 14134 \*\*\* \*\*  
\*\*\* 22:25:03

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: 1001A \*\*\*  
INCLUDING SOURCE(S): 1001A ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD (M)	X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)
3873356.00	439914.00	3872794.00	0.14773	436263.00
3873948.00	435903.00	3873538.00	0.03253	435899.00
3871503.00	442261.30	3871403.00	2.13736	442263.60
3871703.00	442265.80	3871603.00	5.33235	442268.00
3871903.00	442270.30	3871803.00	5.57519	442272.50
3872103.00	442274.70	3872003.00	5.65397	442276.90
3872303.00	442279.20	3872203.00	5.57945	442281.40
3872428.00	442283.60	3872403.00	4.80750	442284.20
3872435.00	442184.30	3872431.00	6.03068	442084.30
3872441.00	441984.40	3872438.00	6.52301	441884.40
3872448.00	441784.50	3872445.00	6.36592	441684.50
3872455.00	441584.60	3872451.00	5.54864	441487.60
3872255.00	441485.00	3872355.00	4.76350	441482.40
3872252.00	441482.30	3872248.00	6.95578	441382.30
3872155.00	441283.60	3872255.00	3.44567	441281.30
3871955.00	441279.00	3872055.00	4.73743	441276.70
3871844.00	441274.30	3871855.00	7.00981	441274.10
3871850.00	441174.10	3871847.00	6.61474	441074.20
3871856.00	440974.20	3871853.00	6.00637	440874.30
3871862.00	440774.30	3871859.00	4.93421	440676.30
3871662.00	440674.00	3871762.00	3.51976	440671.70
	440669.30	3871562.00	3.18760	440667.00

3871463.00	2.00492			
440666.80	3871450.00	1.70419		440766.70
3871447.00	2.53004			
440866.70	3871444.00	2.80861		440966.60
3871441.00	3.01273			
441066.60	3871438.00	3.12569		441166.50
3871435.00	3.21076			
441266.50	3871432.00	3.21808		441366.40
3871429.00	3.20429			
441466.40	3871426.00	3.23222		441566.40
3871423.00	3.24303			
441666.30	3871420.00	3.30436		441766.30
3871417.00	3.27890			
441866.20	3871415.00	3.30512		441966.20
3871412.00	3.45134			
442066.10	3871409.00	3.29326		442166.10
3871406.00	3.02418			
440693.20	3872567.00	0.43879		440695.70
3872667.00	0.39798			
440696.30	3872690.00	0.38973		440596.30
3872692.00	0.34528			
440496.30	3872695.00	0.29975		440495.40
3872695.00	0.29937			
440496.80	3872723.00	0.29360		440396.80
3872722.00	0.25771			
440296.80	3872722.00	0.22757		440196.80
3872721.00	0.20273			
440096.80	3872720.00	0.18229		439996.80
3872720.00	0.16434			
439896.80	3872719.00	0.14939		439887.70
3872719.00	0.14816			
439885.90	3872619.00	0.15439		439885.10
3872574.00	0.15747			
439985.10	3872573.00	0.17433		440085.10
3872572.00	0.19496			
440185.10	3872571.00	0.21870		440285.10
3872570.00	0.24766			

▲ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*\*  
 \*\*\* 09/09/20  
 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*  
 \*\*\* 22:25:03

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION  
 \*\*\*  
 VALUES FOR SOURCE GROUP: 1001A  
 INCLUDING SOURCE(S): 1001A ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)
Y-COORD (M)	CONC		
440385.10	3872570.00	0.28306	440485.10
3872569.00	0.32699		
440585.10	3872568.00	0.38028	440685.10
3872567.00	0.43461		
440685.70	3872275.00	0.66383	440688.30
3872375.00	0.57167		
440690.80	3872475.00	0.49363	440692.00
3872520.00	0.46494		
440592.00	3872522.00	0.40550	440492.00
3872523.00	0.34618		
440392.00	3872525.00	0.29810	440292.00
3872526.00	0.25855		
440192.10	3872528.00	0.22712	440092.10
3872529.00	0.20136		
439992.10	3872531.00	0.17955	439892.10
3872532.00	0.16257		
439884.50	3872532.00	0.16144	439883.00
3872432.00	0.17167		
439881.50	3872332.00	0.18512	439880.80
3872278.00	0.19362		
439980.80	3872278.00	0.21154	440080.80
3872277.00	0.23487		
440180.80	3872277.00	0.26684	440280.80
3872277.00	0.30862		
440380.80	3872276.00	0.36579	440480.80
3872276.00	0.44272		
440580.80	3872275.00	0.54455	440680.80
3872275.00	0.65865		
437456.80	3871498.00	0.05765	437556.80
3871496.00	0.06000		
437656.80	3871495.00	0.06228	437756.80
3871494.00	0.06468		
437856.80	3871492.00	0.06719	437956.80
3871491.00	0.06992		
438056.80	3871490.00	0.07285	438156.80
3871488.00	0.07595		
438256.80	3871487.00	0.07935	438356.80
3871486.00	0.08302		
438456.70	3871484.00	0.08642	438556.70
3871483.00	0.09071		
438656.70	3871482.00	0.09516	438756.70

3871480.00	0.10049			
438856.70	3871479.00	0.10647		438956.70
3871478.00	0.11382			
439056.70	3871476.00	0.12120		439156.70
3871475.00	0.12877			
439256.70	3871474.00	0.13760		439356.70
3871472.00	0.14782			
439456.60	3871471.00	0.15907		439556.60
3871470.00	0.17227			
439656.60	3871468.00	0.18749		439756.60
3871467.00	0.20501			
439856.60	3871466.00	0.22783		439877.70
3871465.00	0.23340			
439879.30	3871565.00	0.24708		439880.80
3871665.00	0.25051			
439882.40	3871765.00	0.24939		439884.00
3871865.00	0.24357			
439885.60	3871965.00	0.23312		439887.10
3872065.00	0.22906			
439888.70	3872165.00	0.21563		439890.30
3872265.00	0.19765			
439891.90	3872365.00	0.18169		439893.40
3872465.00	0.16982			
439895.00	3872565.00	0.15962		439896.60
3872665.00	0.15240			
439898.20	3872765.00	0.14692		439899.80
3872865.00	0.14210			
439901.30	3872965.00	0.13616		439902.90
3873065.00	0.12917			
439903.70	3873112.00	0.12575		439803.70
3873113.00	0.11688			
439703.70	3873114.00	0.10859		439603.70
3873115.00	0.10121			
439503.70	3873116.00	0.09495		439403.70
3873117.00	0.08970			
439303.70	3873118.00	0.08524		439203.70
3873120.00	0.08128			
439103.70	3873121.00	0.07774		439003.70
3873122.00	0.07462			

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^ *** AERMOD - VERSION 19191 *** ***
*** 09/09/20
*** AERMET - VERSION 14134 *** ***
*** 22:25:03

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: 1001A \*\*\*

INCLUDING SOURCE(S): 1001A ,



\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)
Y-COORD (M)	CONC		
438903.70	3873123.00	0.07203	438803.70
3873124.00	0.06970		
438703.70	3873125.00	0.06760	438603.70
3873126.00	0.06567		
438503.80	3873127.00	0.06375	438403.80
3873128.00	0.06192		
438303.80	3873129.00	0.06016	438203.80
3873130.00	0.05859		
438103.80	3873131.00	0.05717	438003.80
3873132.00	0.05585		
437903.80	3873133.00	0.05461	437803.80
3873134.00	0.05342		
437703.80	3873135.00	0.05223	437603.80
3873137.00	0.05083		
437503.80	3873138.00	0.04962	437449.40
3873138.00	0.04895		
437449.80	3873038.00	0.04916	437450.30
3872938.00	0.04927		
437450.80	3872838.00	0.04899	437451.20
3872738.00	0.04851		
437451.70	3872638.00	0.04770	437452.10
3872538.00	0.04682		
437452.60	3872438.00	0.04661	437453.00
3872338.00	0.04716		
437453.50	3872238.00	0.04886	437453.90
3872138.00	0.05112		
437454.40	3872038.00	0.05397	437454.80
3871938.00	0.05700		
437455.30	3871838.00	0.05971	437455.70
3871738.00	0.06132		
437456.20	3871638.00	0.06100	437456.60
3871538.00	0.05886		
435800.90	3871509.00	0.03481	435900.90
3871509.00	0.03576		
436000.90	3871509.00	0.03675	436100.90
3871509.00	0.03766		
436200.90	3871509.00	0.03874	436300.90
3871509.00	0.03986		
436400.90	3871509.00	0.04104	436500.90

3871509.00	0.04228			
436600.90	3871509.00	0.04359		436700.90
3871509.00	0.04495			
436800.90	3871509.00	0.04638		436900.90
3871509.00	0.04788			
437000.90	3871509.00	0.04955		437100.90
3871509.00	0.05130			
437200.90	3871510.00	0.05317		437300.90
3871510.00	0.05491			
437400.90	3871510.00	0.05695		437448.90
3871510.00	0.05789			
437448.90	3871610.00	0.06042		437448.90
3871710.00	0.06128			
437448.90	3871810.00	0.06008		437448.90
3871910.00	0.05768			
437448.90	3872010.00	0.05473		437448.90
3872110.00	0.05179			
437448.90	3872210.00	0.04936		437448.90
3872310.00	0.04745			
437448.90	3872410.00	0.04659		437448.90
3872510.00	0.04657			
437448.90	3872610.00	0.04740		437449.00
3872710.00	0.04822			
437449.00	3872810.00	0.04880		437449.00
3872910.00	0.04923			
437449.00	3873010.00	0.04923		437449.00
3873110.00	0.04901			
437449.00	3873210.00	0.04847		437449.00
3873211.00	0.04846			
437349.00	3873212.00	0.04727		437249.00
3873213.00	0.04614			
437149.00	3873215.00	0.04486		437049.00
3873216.00	0.04353			
436949.00	3873217.00	0.04233		436849.00
3873218.00	0.04117			
436749.10	3873220.00	0.04004		436649.10
3873221.00	0.03880			
436549.10	3873222.00	0.03759		436449.10
3873224.00	0.03642			
436349.10	3873225.00	0.03528		436249.10
3873226.00	0.03419			

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^ *** AERMOD - VERSION 19191 *** ***
***                               ***
*** AERMET - VERSION 14134 *** ***
***                               ***
                                     09/09/20
                                     22:25:03

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION

VALUES FOR SOURCE GROUP: 1001A

\*\*\*

INCLUDING SOURCE(S): 1001A ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)
Y-COORD (M)	CONC		
436149.10	3873228.00	0.03309	436049.10
3873229.00	0.03208		
435949.10	3873230.00	0.03106	435849.10
3873232.00	0.03004		
435835.80	3873232.00	0.02991	435833.70
3873132.00	0.02867		
435831.70	3873032.00	0.02729	435829.70
3872932.00	0.02599		
435827.70	3872832.00	0.02523	435825.60
3872732.00	0.02520		
435823.60	3872632.00	0.02598	435821.60
3872532.00	0.02729		
435819.60	3872432.00	0.02887	435817.50
3872332.00	0.03061		
435815.50	3872232.00	0.03226	435813.50
3872132.00	0.03390		
435811.50	3872032.00	0.03531	435809.40
3871932.00	0.03637		
435807.40	3871832.00	0.03686	435805.40
3871732.00	0.03679		
435803.40	3871632.00	0.03614	435801.40
3871532.00	0.03509		
435809.00	3873839.00	0.03238	435714.00
3873870.00	0.03178		
435619.00	3873902.00	0.03118	435524.10
3873933.00	0.03046		
435484.00	3873946.00	0.03021	435384.10
3873949.00	0.02972		
435284.10	3873952.00	0.02919	435184.20
3873956.00	0.02858		
435084.20	3873959.00	0.02799	434984.30
3873962.00	0.02743		
434884.30	3873965.00	0.02687	434784.30
3873968.00	0.02632		
434684.40	3873971.00	0.02576	434626.00
3873973.00	0.02545		
434568.80	3873891.00	0.02482	434511.60

3873809.00	0.02412			
434511.00	3873808.00	0.02411		434416.00
3873777.00	0.02341			
434404.00	3873773.00	0.02332		434346.10
3873855.00	0.02347			
434288.20	3873936.00	0.02355		434279.00
3873949.00	0.02356			
434180.20	3873964.00	0.02312		434081.30
3873980.00	0.02268			
434026.00	3873988.00	0.02244		433926.00
3873987.00	0.02196			
433826.00	3873985.00	0.02148		433726.00
3873984.00	0.02102			
433626.00	3873982.00	0.02055		433526.10
3873981.00	0.02007			
433426.10	3873980.00	0.01960		433326.10
3873978.00	0.01912			
433226.10	3873977.00	0.01863		433126.10
3873975.00	0.01813			
433026.10	3873974.00	0.01764		432967.00
3873973.00	0.01735			
432867.60	3873963.00	0.01679		432770.00
3873952.00	0.01624			
432681.60	3873905.00	0.01548		432679.00
3873904.00	0.01546			
432681.20	3873804.00	0.01456		432683.40
3873704.00	0.01378			
432685.70	3873604.00	0.01319		432687.90
3873504.00	0.01282			
432690.10	3873404.00	0.01269		432691.00
3873364.00	0.01269			
432791.00	3873364.00	0.01288		432891.00
3873364.00	0.01308			
432991.00	3873364.00	0.01331		433091.00
3873364.00	0.01354			
433191.00	3873364.00	0.01380		433291.00
3873364.00	0.01409			
433391.00	3873364.00	0.01440		433491.00
3873364.00	0.01475			
433591.00	3873364.00	0.01512		433691.00
3873364.00	0.01552			
433791.00	3873364.00	0.01595		433891.00
3873365.00	0.01642			

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^ *** AERMOD - VERSION 19191 *** ***
***                               *** 09/09/20
*** AERMET - VERSION 14134 *** ***
***                               *** 22:25:03

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VALUES FOR SOURCE GROUP: 1001A  
 \*\*\* THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION  
 \*\*\* INCLUDING SOURCE(S): 1001A ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)
Y-COORD (M)	CONC		
433991.00	3873365.00	0.01692	434091.00
3873365.00	0.01745		
434191.00	3873365.00	0.01803	434291.00
3873365.00	0.01864		
434391.00	3873365.00	0.01930	434491.00
3873365.00	0.01996		
434591.00	3873365.00	0.02066	434691.00
3873365.00	0.02139		
434791.00	3873365.00	0.02216	434891.00
3873365.00	0.02296		
434991.00	3873365.00	0.02374	435091.00
3873365.00	0.02459		
435191.00	3873365.00	0.02545	435291.00
3873365.00	0.02628		
435391.00	3873365.00	0.02710	435491.00
3873365.00	0.02798		
435591.00	3873365.00	0.02888	435691.00
3873365.00	0.02974		
435791.00	3873365.00	0.03061	435836.00
3873365.00	0.03101		
435830.30	3873465.00	0.03156	435824.60
3873565.00	0.03203		
435818.90	3873665.00	0.03237	435813.30
3873764.00	0.03248		
433343.00	3874839.00	0.02036	433243.10
3874835.00	0.02022		
433143.20	3874831.00	0.02005	433043.30
3874827.00	0.01987		
432943.30	3874823.00	0.01967	432843.40
3874819.00	0.01946		
432809.00	3874817.00	0.01938	432808.50
3874717.00	0.01949		
432807.90	3874617.00	0.01948	432807.40
3874517.00	0.01936		
432807.00	3874449.00	0.01922	432707.00

3874448.00	0.01892			
432675.00	3874448.00	0.01882		432675.30
3874348.00	0.01848			
432675.70	3874248.00	0.01803		432676.00
3874164.00	0.01756			
432754.00	3874129.00	0.01763		432853.50
3874119.00	0.01796			
432953.00	3874109.00	0.01830		432999.00
3874104.00	0.01847			
433099.00	3874105.00	0.01890		433199.00
3874105.00	0.01934			
433299.00	3874106.00	0.01978		433399.00
3874106.00	0.02019			
433499.00	3874107.00	0.02061		433599.00
3874107.00	0.02104			
433699.00	3874108.00	0.02147		433799.00
3874108.00	0.02190			
433899.00	3874109.00	0.02234		433999.00
3874109.00	0.02279			
434099.00	3874110.00	0.02325		434169.00
3874110.00	0.02358			
434176.00	3874210.00	0.02384		434183.00
3874310.00	0.02395			
434190.00	3874409.00	0.02385		434197.00
3874509.00	0.02348			
434204.00	3874609.00	0.02287		434211.00
3874709.00	0.02206			
434217.90	3874808.00	0.02116		434218.00
3874809.00	0.02115			
434118.10	3874813.00	0.02112		434018.10
3874816.00	0.02109			
433918.20	3874819.00	0.02104		433818.20
3874823.00	0.02095			
433718.30	3874826.00	0.02087		433618.30
3874830.00	0.02075			
433518.40	3874833.00	0.02062		433418.50
3874837.00	0.02047			

▲ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*\*  
 \*\*\* 09/09/20  
 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*  
 \*\*\* 22:25:03

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1001B \*\*\*

INCLUDING SOURCE(S): 1001B ,

\*\*\* NETWORK ID: COURSE ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD (METERS)	430733.00	431233.00	431733.00	X-COORD (METERS) 432233.00	432733.00
433233.00	433733.00	434233.00	434733.00		

3879761.00	0.01127	0.00911	0.01101	0.01331	0.01587
0.01791	0.01842	0.01961	0.02598		
3879261.00	0.01352	0.01288	0.01125	0.01139	0.01406
0.01718	0.01979	0.02002	0.02223		
3878761.00	0.01242	0.01441	0.01429	0.01255	0.01222
0.01495	0.01861	0.02147	0.02207		
3878261.00	0.01014	0.01224	0.01493	0.01592	0.01443
0.01339	0.01598	0.02046	0.02376		
3877761.00	0.00982	0.01047	0.01201	0.01486	0.01730
0.01675	0.01512	0.01720	0.02242		
3877261.00	0.01133	0.01093	0.01118	0.01216	0.01463
0.01821	0.01937	0.01750	0.01873		
3876761.00	0.01571	0.01456	0.01320	0.01257	0.01297
0.01467	0.01848	0.02180	0.02065		
3876261.00	0.01681	0.01814	0.01857	0.01748	0.01572
0.01484	0.01550	0.01849	0.02348		
3875761.00	0.01880	0.01878	0.01949	0.02108	0.02228
0.02157	0.01936	0.01790	0.01921		
3875261.00	0.01949	0.02202	0.02352	0.02382	0.02404
0.02527	0.02726	0.02721	0.02448		
3874761.00	0.01212	0.01444	0.01795	0.02250	0.02701
0.03025	0.03156	0.03231	0.03454		
3874261.00	0.01178	0.01235	0.01307	0.01412	0.01610
0.01967	0.02564	0.03356	0.04105		
3873761.00	0.01271	0.01342	0.01425	0.01519	0.01624
0.01739	0.01872	0.02052	0.02373		
3873261.00	0.01733	0.01818	0.01897	0.01986	0.02096
0.02219	0.02363	0.02539	0.02753		
3872761.00	0.02075	0.02232	0.02412	0.02608	0.02851
0.03134	0.03471	0.03888	0.04414		
3872261.00	0.01732	0.01848	0.01977	0.02129	0.02303
0.02505	0.02748	0.03059	0.03452		
3871761.00	0.01427	0.01550	0.01700	0.01879	0.02117
0.02397	0.02711	0.03060	0.03401		
3871261.00	0.01606	0.01724	0.01823	0.01876	0.01905
0.01896	0.01861	0.01845	0.01871		
3870761.00	0.01223	0.01196	0.01181	0.01164	0.01169
0.01205	0.01280	0.01425	0.01694		
3870261.00	0.00839	0.00854	0.00881	0.00933	0.01012

0.01159	0.01392	0.01779	0.02360		
3869761.00	0.00722	0.00777	0.00870	0.01001	0.01199
0.01504	0.01887	0.02343	0.02871		
3869261.00	0.00766	0.00891	0.01066	0.01314	0.01555
0.01857	0.02182	0.02460	0.02564		
3868761.00	0.00960	0.01130	0.01332	0.01536	0.01748
0.01961	0.02047	0.02005	0.02106		
3868261.00	0.01161	0.01313	0.01466	0.01627	0.01718
0.01663	0.01657	0.01807	0.01802		
3867761.00	0.01273	0.01395	0.01490	0.01459	0.01383
0.01445	0.01566	0.01490	0.01259		
3867261.00	0.01328	0.01329	0.01235	0.01209	0.01302
0.01365	0.01249	0.01059	0.00996		
3866761.00	0.01162	0.01083	0.01126	0.01202	0.01196
0.01061	0.00907	0.00873	0.01191		
3866261.00	0.00913	0.01045	0.01106	0.01058	0.00913
0.00790	0.00846	0.01086	0.00968		
3865761.00	0.01003	0.01008	0.00936	0.00793	0.00697
0.00757	0.00969	0.01016	0.00629		
3865261.00	0.00911	0.00824	0.00696	0.00625	0.00681
0.00868	0.01064	0.00763	0.00480		
3864761.00	0.00726	0.00618	0.00563	0.00620	0.00783
0.01005	0.00922	0.00672	0.00511		

^ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*  
 \*\*\* 09/09/20  
 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*  
 \*\*\* 22:25:03

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1001B \*\*\*

INCLUDING SOURCE(S): 1001B ,

\*\*\* NETWORK ID: COURSE ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD					X-COORD (METERS)
(METERS)		435233.00	435733.00	436233.00	436733.00 437233.00
437733.00		438233.00	438733.00	439233.00	

3879761.00		0.03218	0.03596	0.03872	0.03867	0.04616
0.05125		0.04766	0.05410	0.06599		
3879261.00		0.02980	0.03656	0.03892	0.03636	0.03772



0.05595	0.05152	0.05615	0.07104		
3878761.00		0.02575	0.03597	0.03909	0.04434 0.04144
0.05643	0.06058	0.05909	0.07563		
3878261.00		0.02528	0.03091	0.04155	0.04839 0.04768
0.05442	0.06802	0.06632	0.08478		
3877761.00		0.02641	0.02807	0.03672	0.04350 0.04675
0.05126	0.07265	0.07647	0.09121		
3877261.00		0.02484	0.02994	0.03280	0.04492 0.05726
0.06328	0.07498	0.08692	0.09883		
3876761.00		0.02071	0.02772	0.03451	0.03961 0.05747
0.07099	0.07761	0.09630	0.10966		
3876261.00		0.02474	0.02389	0.03153	0.04046 0.05025
0.07160	0.08336	0.10507	0.12145		
3875761.00		0.02429	0.02914	0.02868	0.03675 0.04922
0.06508	0.09483	0.11650	0.13063		
3875261.00		0.02250	0.02534	0.03331	0.03611 0.04441
0.06212	0.09203	0.12986	0.15223		
3874761.00		0.03606	0.03310	0.03040	0.03690 0.04601
0.05644	0.08626	0.14053	0.16908		
3874261.00		0.04569	0.04879	0.05163	0.04943 0.04589
0.05860	0.07883	0.13334	0.23806		
3873761.00		0.03050	0.04340	0.06137	0.07751 0.08676
0.08668	0.08525	0.12294	0.24998		
3873261.00		0.03025	0.03366	0.03822	0.04587 0.06358
0.10610	0.17327	0.21438	0.28040		
3872761.00		0.05097	0.05982	0.07122	0.08665 0.10899
0.14051	0.19081	0.27993	0.53496		
3872261.00		0.03984	0.04717	0.05746	0.07251 0.09435
0.12236	0.15137	0.19555	0.45520		
3871761.00		0.03659	0.03803	0.03865	0.04017 0.04686
0.06934	0.13575	0.22299	0.24480		
3871261.00		0.01993	0.02282	0.02906	0.04334 0.07196
0.10685	0.11557	0.11222	0.14874		
3870761.00		0.02200	0.03113	0.04554	0.06322 0.07018
0.06682	0.05616	0.08853	0.09254		
3870261.00		0.03154	0.04103	0.04693	0.04694 0.04465
0.03838	0.05705	0.05858	0.04415		
3869761.00		0.03315	0.03390	0.03440	0.03232 0.02688
0.03444	0.03722	0.03435	0.02904		
3869261.00		0.02575	0.02706	0.02443	0.01946 0.02717
0.01883	0.01514	0.01856	0.02072		
3868761.00		0.02192	0.01908	0.01577	0.02216 0.01896
0.01543	0.01073	0.01242	0.01607		
3868261.00		0.01532	0.01278	0.01872	0.01561 0.01216
0.00756	0.00715	0.00911	0.01346		
3867761.00		0.01120	0.01530	0.01293	0.01077 0.00722
0.00602	0.00621	0.00761	0.01152		
3867261.00		0.01396	0.01271	0.00962	0.00733 0.00552
0.00537	0.00533	0.00691	0.00971		
3866761.00		0.01013	0.00785	0.00634	0.00538 0.00481



0.08312	0.07997	0.06385	0.06086		
3875261.00		0.18733	0.19942	0.15095	0.11932 0.11924
0.11662	0.09418	0.08494	0.08030		
3874761.00		0.19924	0.27374	0.20027	0.17629 0.17897
0.14705	0.12693	0.11345	0.08809		
3874261.00		0.38717	0.39958	0.30356	0.28442 0.25337
0.20766	0.16458	0.10576	0.06400		
3873761.00		0.54007	0.71729	0.58413	0.52082 0.39193
0.24303	0.12577	0.07495	0.05246		
3873261.00		0.92444	1.91984	1.68013	0.97205 0.37886
0.17293	0.10674	0.07631	0.05921		
3872761.00		2.60472	27.25712	9.83988	0.98224 0.40810
0.23257	0.15209	0.10783	0.08036		
3872261.00		1.11942	1.67580	1.26639	0.69791 0.29200
0.17068	0.11316	0.08514	0.06691		
3871761.00		0.29707	0.39651	0.31250	0.25136 0.26122
0.18172	0.08731	0.06288	0.05901		
3871261.00		0.13729	0.19304	0.16244	0.09087 0.09693
0.11649	0.08020	0.08405	0.05038		
3870761.00		0.07273	0.10182	0.09374	0.04955 0.03816
0.03954	0.06011	0.03977	0.03586		
3870261.00		0.05520	0.06168	0.06405	0.03463 0.02471
0.01853	0.01799	0.02893	0.03205		
3869761.00		0.03792	0.05156	0.04109	0.02008 0.01567
0.01398	0.01139	0.01309	0.01483		
3869261.00		0.02738	0.03411	0.03280	0.01515 0.01072
0.00976	0.00897	0.01027	0.00958		
3868761.00		0.02053	0.02395	0.03168	0.01328 0.00673
0.00691	0.00656	0.00758	0.00739		
3868261.00		0.01616	0.01774	0.02615	0.01773 0.00948
0.00634	0.00637	0.00548	0.00715		
3867761.00		0.01252	0.01320	0.01917	0.01521 0.01078
0.00705	0.00718	0.00524	0.00549		
3867261.00		0.00998	0.01033	0.01414	0.01250 0.00893
0.00696	0.00622	0.00688	0.00412		
3866761.00		0.00790	0.00792	0.00973	0.00912 0.00731
0.00653	0.00459	0.00604	0.00481		
3866261.00		0.00608	0.00615	0.00693	0.00663 0.00600
0.00575	0.00424	0.00421	0.00530		
3865761.00		0.00494	0.00516	0.00544	0.00510 0.00475
0.00482	0.00420	0.00300	0.00443		
3865261.00		0.00424	0.00447	0.00480	0.00433 0.00403
0.00425	0.00390	0.00289	0.00313		
3864761.00		0.00390	0.00404	0.00441	0.00395 0.00354
0.00378	0.00357	0.00298	0.00230		
▲ *** AERMOD - VERSION	19191	***	***		
	***		09/09/20		
*** AERMET - VERSION	14134	***	***		
	***		22:25:03		

\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: 1001B \*\*\*

INCLUDING SOURCE(S): 1001B ,

\*\*\* NETWORK ID: COURSE ; NETWORK TYPE:  
GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD (METERS)	444233.00	444733.00	445233.00	X-COORD (METERS) 445733.00
3879761.00	0.01327	0.01327	0.01233	0.01339
3879261.00	0.01562	0.01438	0.01468	0.01560
3878761.00	0.01734	0.01617	0.01738	0.01737
3878261.00	0.01882	0.02040	0.02020	0.01788
3877761.00	0.02356	0.02477	0.02119	0.02186
3877261.00	0.02988	0.02662	0.02715	0.02770
3876761.00	0.03339	0.03486	0.03389	0.03181
3876261.00	0.04486	0.04397	0.03899	0.03868
3875761.00	0.05812	0.05332	0.04564	0.03672
3875261.00	0.07199	0.05509	0.03830	0.02556
3874761.00	0.05928	0.03882	0.02779	0.02226
3874261.00	0.04316	0.03247	0.02609	0.02167
3873761.00	0.04013	0.03245	0.02733	0.02367
3873261.00	0.04811	0.03999	0.03446	0.02992
3872761.00	0.06241	0.05001	0.04152	0.03552
3872261.00	0.05393	0.04680	0.04280	0.03832
3871761.00	0.04177	0.03035	0.02644	0.02463
3871261.00	0.02792	0.02450	0.02946	0.02963
3870761.00	0.04894	0.03390	0.02231	0.01550
3870261.00	0.01885	0.02336	0.03069	0.02438
3869761.00	0.02494	0.01367	0.00765	0.01322
3869261.00	0.01006	0.01533	0.01098	0.00799
3868761.00	0.00888	0.00747	0.00836	0.01112
3868261.00	0.00679	0.00681	0.00525	0.00523
3867761.00	0.00646	0.00542	0.00522	0.00409
3867261.00	0.00480	0.00504	0.00457	0.00461
3866761.00	0.00357	0.00398	0.00404	0.00401
3866261.00	0.00349	0.00303	0.00305	0.00346
3865761.00	0.00400	0.00282	0.00254	0.00257
3865261.00	0.00408	0.00298	0.00235	0.00215
3864761.00	0.00347	0.00319	0.00244	0.00191

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1001B \*\*\*

INCLUDING SOURCE(S): 1001B ,

\*\*\* NETWORK ID: DESERTL ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD (METERS)	435850.40	435900.40	435950.40	436000.40	X-COORD (METERS)	436050.40
436100.40	436150.40	436200.40	436250.40			

3874157.00	0.05362	0.05335	0.05341	0.05362	0.05395
0.05428	0.05462	0.05495	0.05531		
3874107.00	0.05497	0.05507	0.05512	0.05539	0.05564
0.05592	0.05624	0.05665	0.05726		
3874057.00	0.05552	0.05603	0.05659	0.05699	0.05738
0.05770	0.05810	0.05875	0.05954		
3874007.00	0.05639	0.05703	0.05772	0.05827	0.05879
0.05936	0.05992	0.06059	0.06132		
3873957.00	0.05712	0.05736	0.05820	0.05899	0.05972
0.06050	0.06132	0.06219	0.06296		
3873907.00	0.05590	0.05671	0.05784	0.05892	0.05994
0.06102	0.06208	0.06316	0.06416		
3873857.00	0.05353	0.05498	0.05639	0.05777	0.05909
0.06039	0.06187	0.06326	0.06457		
3873807.00	0.05060	0.05223	0.05386	0.05547	0.05706
0.05875	0.06050	0.06219	0.06385		
3873757.00	0.04703	0.04872	0.05045	0.05223	0.05403
0.05594	0.05790	0.05983	0.06182		
3873707.00	0.04322	0.04486	0.04657	0.04839	0.05028
0.05225	0.05429	0.05638	0.05850		
3873657.00	0.03962	0.04110	0.04266	0.04434	0.04618
0.04810	0.05011	0.05217	0.05434		
3873607.00	0.03658	0.03783	0.03917	0.04067	0.04230
0.04405	0.04589	0.04777	0.04979		
3873557.00	0.03432	0.03532	0.03641	0.03766	0.03903
0.04052	0.04212	0.04373	0.04546		
3873507.00	0.03289	0.03368	0.03454	0.03554	0.03666

0.03785	0.03914	0.04048	0.04190		
3873457.00	0.03224	0.03285	0.03356	0.03435	0.03521
0.03614	0.03712	0.03819	0.03932		
3873407.00	0.03225	0.03276	0.03333	0.03396	0.03462
0.03533	0.03611	0.03693	0.03784		
3873357.00	0.03272	0.03318	0.03367	0.03421	0.03475
0.03532	0.03592	0.03660	0.03732		
3873307.00	0.03354	0.03399	0.03445	0.03493	0.03542
0.03589	0.03640	0.03699	0.03760		
3873257.00	0.03471	0.03509	0.03557	0.03598	0.03650
0.03694	0.03741	0.03795	0.03849		
3873207.00	0.03616	0.03658	0.03704	0.03744	0.03795
0.03839	0.03884	0.03940	0.03997		
3873157.00	0.03803	0.03853	0.03893	0.03937	0.03987
0.04032	0.04087	0.04136	0.04193		

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 \*\*\* 09/09/20  
 \*\*\* AERMET - VERSION 14134 \*\*\*  
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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1001B  
 INCLUDING SOURCE(S): 1001B ,

\*\*\* NETWORK ID: DESERTL ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD (METERS)	X-COORD (METERS)				
	436300.40	436350.40	436400.40	436450.40	436500.40
436550.40	436600.40	436650.40	436700.40		

3874157.00	0.05559	0.05588	0.05622	0.05671	0.05712
0.05719	0.05708	0.05708	0.05688		
3874107.00	0.05777	0.05803	0.05852	0.05897	0.05943
0.05967	0.05979	0.05988	0.05995		
3874057.00	0.06002	0.06034	0.06073	0.06110	0.06153
0.06197	0.06227	0.06254	0.06282		
3874007.00	0.06192	0.06234	0.06277	0.06319	0.06361
0.06405	0.06452	0.06507	0.06547		
3873957.00	0.06363	0.06426	0.06475	0.06531	0.06579
0.06626	0.06683	0.06748	0.06803		
3873907.00	0.06508	0.06596	0.06666	0.06728	0.06791

0.06852	0.06927	0.06993	0.07063		
3873857.00	0.06579	0.06696	0.06795	0.06889	0.06970
0.07063	0.07143	0.07233	0.07313		
3873807.00	0.06550	0.06690	0.06833	0.06960	0.07086
0.07201	0.07309	0.07421	0.07533		
3873757.00	0.06374	0.06554	0.06734	0.06901	0.07065
0.07219	0.07380	0.07520	0.07672		
3873707.00	0.06064	0.06281	0.06485	0.06699	0.06899
0.07098	0.07297	0.07486	0.07678		
3873657.00	0.05652	0.05881	0.06106	0.06343	0.06576
0.06813	0.07050	0.07280	0.07507		
3873607.00	0.05195	0.05416	0.05648	0.05882	0.06137
0.06395	0.06660	0.06908	0.07169		
3873557.00	0.04739	0.04939	0.05155	0.05386	0.05623
0.05877	0.06143	0.06412	0.06682		
3873507.00	0.04344	0.04520	0.04707	0.04909	0.05124
0.05354	0.05595	0.05856	0.06129		
3873457.00	0.04058	0.04198	0.04347	0.04514	0.04692
0.04886	0.05092	0.05321	0.05567		
3873407.00	0.03881	0.03988	0.04105	0.04235	0.04376
0.04528	0.04695	0.04885	0.05092		
3873357.00	0.03808	0.03892	0.03983	0.04081	0.04189
0.04308	0.04440	0.04588	0.04753		
3873307.00	0.03825	0.03891	0.03963	0.04042	0.04128
0.04219	0.04323	0.04439	0.04566		
3873257.00	0.03912	0.03967	0.04031	0.04100	0.04167
0.04251	0.04329	0.04422	0.04522		
3873207.00	0.04049	0.04105	0.04166	0.04224	0.04294
0.04358	0.04432	0.04508	0.04594		
3873157.00	0.04242	0.04306	0.04359	0.04426	0.04482
0.04547	0.04617	0.04684	0.04764		

^ \*\*\* AERMOD - VERSION 19191 \*\*\*  
 \*\*\* 09/09/20  
 \*\*\* AERMET - VERSION 14134 \*\*\*  
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1001B \*\*\*

INCLUDING SOURCE(S): 1001B ,

\*\*\* NETWORK ID: DESERTL ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD |

X-COORD (METERS)

(METERS) | 436750.40 436800.40 436850.40

3874157.00	0.05667	0.05618	0.05565
3874107.00	0.05992	0.05974	0.05948
3874057.00	0.06302	0.06309	0.06305
3874007.00	0.06582	0.06614	0.06638
3873957.00	0.06852	0.06901	0.06945
3873907.00	0.07122	0.07184	0.07235
3873857.00	0.07394	0.07460	0.07528
3873807.00	0.07627	0.07721	0.07802
3873757.00	0.07809	0.07923	0.08037
3873707.00	0.07848	0.08026	0.08176
3873657.00	0.07724	0.07951	0.08160
3873607.00	0.07431	0.07692	0.07956
3873557.00	0.06974	0.07273	0.07563
3873507.00	0.06412	0.06711	0.07022
3873457.00	0.05834	0.06116	0.06412
3873407.00	0.05322	0.05565	0.05818
3873357.00	0.04936	0.05132	0.05339
3873307.00	0.04706	0.04851	0.05009
3873257.00	0.04631	0.04740	0.04860
3873207.00	0.04678	0.04765	0.04860
3873157.00	0.04836	0.04912	0.04993

\*\*\* AERMOD - VERSION 19191 \*\*\*  
\*\*\* 09/09/20  
\*\*\* AERMET - VERSION 14134 \*\*\*  
\*\*\* 22:25:03

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: 1001B \*\*\*

INCLUDING SOURCE(S): 1001B ,

\*\*\* NETWORK ID: BORON ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD (METERS)	439957.60	440007.60	440057.60	440107.60	440157.60
440207.60	440257.60	440307.60	440357.60		

3874057.00	0.48653	0.49006	0.49222	0.49350	0.49386
------------	---------	---------	---------	---------	---------



0.49294	0.48952	0.48340	0.47436		
3874007.00		0.50843	0.51306	0.51762	0.52026 0.52121
0.51945	0.51817	0.51154	0.50078		
3873957.00		0.53437	0.54016	0.54617	0.55032 0.55285
0.55238	0.54982	0.54219	0.53117		
3873907.00		0.56292	0.57077	0.57794	0.58457 0.58851
0.58878	0.58491	0.57711	0.56533		
3873857.00		0.59569	0.60424	0.61351	0.62237 0.62834
0.62911	0.62540	0.61556	0.60394		
3873807.00		0.63083	0.64235	0.65309	0.66386 0.67148
0.67337	0.66902	0.65971	0.64683		
3873757.00		0.67179	0.68499	0.69791	0.71021 0.71951
0.72269	0.71954	0.70946	0.69597		
3873707.00		0.71664	0.73293	0.74786	0.76236 0.77335
0.77849	0.77635	0.76587	0.75275		
3873657.00		0.76733	0.78703	0.80443	0.82142 0.83415
0.84071	0.83988	0.83224	0.81824		
3873607.00		0.82413	0.84706	0.87004	0.88872 0.90405
0.91133	0.91213	0.90633	0.89365		
3873557.00		0.88617	0.91575	0.94367	0.96584 0.98348
0.99225	0.99500	0.99376	0.98365		
3873507.00		0.95809	0.99453	1.02879	1.05703 1.07610
1.08764	1.09207	1.09243	1.08904		
3873457.00		1.04016	1.08477	1.12600	1.16012 1.18399
1.19756	1.20445	1.21004	1.21326		
3873407.00		1.13489	1.18922	1.24043	1.28106 1.30958
1.32887	1.34293	1.35292	1.36173		
3873357.00		1.24524	1.31155	1.37261	1.42301 1.45925
1.48523	1.50972	1.53094	1.54833		
3873307.00		1.37478	1.45631	1.52945	1.59048 1.63829
1.67883	1.71311	1.74961	1.77601		
3873257.00		1.52832	1.62821	1.71895	1.79508 1.85604
1.91262	1.96519	2.01218	2.05708		
3873207.00		1.71946	1.84735	1.95759	2.04931 2.13989
2.22458	2.30669	2.36225	2.39492		
3873157.00		1.94845	2.10222	2.24059	2.37366 2.48771
2.61881	2.71344	2.78211	2.81807		
3873107.00		2.23146	2.43966	2.61513	2.77376 2.94456
3.10305	3.22662	3.31653	3.37067		
3873057.00		2.61509	2.86349	3.08729	3.31927 3.54758
3.74467	3.92603	4.04955	4.12142		
3873007.00		3.13673	3.46180	3.76407	4.06865 4.36956
4.63907	4.86854	5.01694	5.11120		
3872957.00		3.85752	4.29366	4.72473	5.17926 5.57554
5.90839	6.17176	6.40757	6.50184		
3872907.00		4.99904	5.63659	6.26478	6.85162 7.39600
7.81619	8.15273	8.35792	8.45584		
3872857.00		6.85692	7.89993	8.92208	9.72773 10.35442
10.83125	11.18144	11.46433	11.52614		
3872807.00		10.47703	12.36251	13.83729	14.89312 15.78718

16.29713	16.60600	16.89228	16.98366		
3872757.00		20.00542	23.32477	25.56393	26.83813 27.92759
28.61864	29.23979	29.45453	29.50395		
3872707.00		43.06173	47.84766	50.36406	52.54578 53.32714
53.82317	54.11970	54.88235	56.60454		
3872657.00		47.19375	51.64314	53.61477	57.06334 57.74460
58.18911	58.47488	58.93909	58.88662		
3872607.00		37.16769	41.91307	44.76699	47.38453 48.13118
46.45609	49.01113	49.24561	49.81310		
3872557.00		12.79189	14.72032	15.93593	16.71735 17.28827
17.71336	18.00918	18.20421	18.30783		

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 \*\*\* 09/09/20  
 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*  
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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1001B \*\*\*

INCLUDING SOURCE(S): 1001B ,

\*\*\* NETWORK ID: BORON ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD					X-COORD (METERS)
(METERS)		440407.60	440457.60	440507.60	440557.60 440607.60
440657.60	440707.60	440757.60	440807.60		

3874057.00		0.46084	0.44464	0.42612	0.40830 0.39406
0.38456	0.37943	0.37785	0.37729		
3874007.00		0.48801	0.47072	0.45146	0.43421 0.41971
0.40993	0.40517	0.40313	0.40241		
3873957.00		0.51801	0.50045	0.48094	0.46345 0.44872
0.43910	0.43396	0.43175	0.43072		
3873907.00		0.55132	0.53411	0.51497	0.49661 0.48194
0.47230	0.46648	0.46423	0.46243		
3873857.00		0.58860	0.57248	0.55318	0.53556 0.52002
0.50939	0.50326	0.49980	0.49804		
3873807.00		0.63215	0.61602	0.59772	0.57964 0.56372
0.55204	0.54421	0.53995	0.53708		
3873757.00		0.68065	0.66581	0.64829	0.63010 0.61257
0.59900	0.59073	0.58546	0.58116		
3873707.00		0.73693	0.72311	0.70648	0.68798 0.66929

0.65465	0.64289	0.63590	0.63112		
3873657.00		0.80411	0.78947	0.77426	0.75393 0.73367
0.71604	0.70312	0.69442	0.68665		
3873607.00		0.88048	0.86883	0.85274	0.83126 0.80829
0.78807	0.77243	0.76160	0.75226		
3873557.00		0.97109	0.95853	0.94395	0.92310 0.89522
0.87167	0.85266	0.83927	0.82859		
3873507.00		1.07920	1.06656	1.05224	1.02778 0.99714
0.96723	0.94555	0.92911	0.91556		
3873457.00		1.20579	1.19542	1.17972	1.15152 1.11659
1.07968	1.05330	1.03386	1.01590		
3873407.00		1.36055	1.34916	1.33098	1.29898 1.25689
1.21332	1.17939	1.15683	1.13280		
3873357.00		1.54831	1.53415	1.51217	1.47522 1.42447
1.37064	1.33090	1.30103	1.26923		
3873307.00		1.77970	1.75886	1.73170	1.68826 1.62680
1.56100	1.51092	1.47050	1.42807		
3873257.00		2.05829	2.03489	1.99764	1.94896 1.87517
1.79306	1.72555	1.67244	1.61163		
3873207.00		2.39792	2.37190	2.32436	2.26031 2.18105
2.08198	1.99058	1.91022	1.82265		
3873157.00		2.82213	2.79712	2.74565	2.67420 2.55806
2.41916	2.29313	2.17817	2.05609		
3873107.00		3.39721	3.36070	3.28366	3.17114 3.01714
2.82966	2.65169	2.48773	2.32041		
3873057.00		4.12527	4.06731	3.98087	3.82230 3.60877
3.34773	3.09200	2.85935	2.63776		
3873007.00		5.13776	5.04852	4.88350	4.65691 4.35735
3.98987	3.62290	3.29693	2.99121		
3872957.00		6.47719	6.32504	6.07230	5.74766 5.32618
4.80236	4.30377	3.84197	3.42240		
3872907.00		8.42456	8.19729	7.81894	7.33807 6.72244
5.94614	5.16547	4.50433	3.93355		
3872857.00		11.40418	11.05262	10.41002	9.66829 8.76316
7.60740	6.40169	5.41411	4.55757		
3872807.00		16.79408	16.16810	14.91284	13.56027 12.01972
10.20867	8.26029	6.68266	5.30180		
3872757.00		29.29101	28.65647	24.64212	20.83712 18.42260
15.71807	11.83532	8.59264	6.05372		
3872707.00		56.18599	55.55464	48.33108	41.15256 38.00805
33.23488	20.46779	10.63338	6.45255		
3872657.00		61.92103	61.14970	59.78098	58.23494 55.95650
50.35443	27.88839	11.04558	6.28347		
3872607.00		50.26466	50.24180	49.89001	49.00424 47.31286
42.70695	22.49434	9.04198	5.51148		
3872557.00		18.30778	18.00979	17.67231	17.04820 16.02730
13.83500	9.35666	6.10905	4.38884		

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: 1001B \*\*\*

INCLUDING SOURCE(S): 1001B ,

\*\*\* NETWORK ID: BORON ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD (METERS)	440857.60	440907.60	440957.60	441007.60	X-COORD (METERS)	441057.60
441107.60	441157.60	441207.60	441257.60			

3874057.00	0.37695	0.37435	0.37098	0.36681	0.36347
0.36145	0.35962	0.35781	0.35583		
3874007.00	0.40147	0.39905	0.39397	0.39004	0.38633
0.38378	0.38159	0.37956	0.37697		
3873957.00	0.42930	0.42544	0.42041	0.41572	0.41153
0.40857	0.40615	0.40334	0.40041		
3873907.00	0.46008	0.45622	0.45034	0.44445	0.43968
0.43601	0.43317	0.42988	0.42627		
3873857.00	0.49485	0.48971	0.48313	0.47669	0.47151
0.46704	0.46305	0.45914	0.45461		
3873807.00	0.53251	0.52623	0.51922	0.51250	0.50662
0.50153	0.49690	0.49188	0.48559		
3873757.00	0.57564	0.56727	0.55948	0.55249	0.54585
0.53952	0.53403	0.52772	0.51956		
3873707.00	0.62402	0.61553	0.60606	0.59740	0.58984
0.58306	0.57551	0.56731	0.55664		
3873657.00	0.67864	0.66886	0.65794	0.64804	0.63901
0.63091	0.62173	0.61087	0.59692		
3873607.00	0.74213	0.73030	0.71717	0.70565	0.69532
0.68435	0.67270	0.65788	0.64000		
3873557.00	0.81481	0.79999	0.78535	0.77128	0.75871
0.74476	0.72837	0.70880	0.68537		
3873507.00	0.89894	0.87976	0.86125	0.84561	0.82905
0.81059	0.78826	0.76201	0.73231		
3873457.00	0.99366	0.97015	0.94817	0.92779	0.90668
0.88103	0.85121	0.81683	0.77925		
3873407.00	1.10498	1.07539	1.04681	1.02051	0.99164
0.95686	0.91554	0.87101	0.82462		
3873357.00	1.23198	1.19352	1.15762	1.12226	1.08187

1.03460	0.98006	0.92378	0.86712		
3873307.00	1.37827	1.32886	1.28076	1.23193	1.17493
1.11102	1.04211	0.97281	0.90446		
3873257.00	1.54507	1.47962	1.41507	1.34543	1.26817
1.18425	1.09875	1.01525	0.93578		
3873207.00	1.73037	1.64208	1.55454	1.45962	1.36048
1.25433	1.14985	1.05075	0.95934		
3873157.00	1.93361	1.81767	1.70383	1.57926	1.44555
1.31469	1.19125	1.07653	0.97254		
3873107.00	2.16998	2.01558	1.85621	1.68785	1.52168
1.36564	1.22218	1.09333	0.97305		
3873057.00	2.42444	2.21761	2.00279	1.79234	1.59047
1.40709	1.24283	1.09336	0.96041		
3873007.00	2.71059	2.43343	2.15180	1.88455	1.64542
1.43225	1.24295	1.07791	0.93388		
3872957.00	3.03275	2.64723	2.28465	1.96388	1.67998
1.43357	1.22291	1.04637	0.90137		
3872907.00	3.38417	2.86652	2.40443	2.01069	1.68011
1.40898	1.18895	1.01459	0.87672		
3872857.00	3.75746	3.05745	2.47900	2.01732	1.65394
1.37473	1.16176	0.99840	0.87132		
3872807.00	4.11701	3.18437	2.49287	1.99008	1.62672
1.36077	1.16240	1.01042	0.89081		
3872757.00	4.32705	3.21048	2.47629	1.98199	1.63745
1.38703	1.19774	1.04919	0.93065		
3872707.00	4.37056	3.20426	2.49154	2.02044	1.68792
1.44004	1.24980	1.09869	0.97587		
3872657.00	4.25093	3.16771	2.50018	2.04726	1.72007
1.47308	1.27987	1.12588	1.00014		
3872607.00	3.89369	2.97223	2.37969	1.96705	1.66372
1.43188	1.24957	1.10273	0.98227		
3872557.00	3.31720	2.61354	2.12875	1.78075	1.52073
1.31959	1.15965	1.02919	0.92192		

^ \*\*\* AERMOD - VERSION 19191 \*\*\*  
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   09/09/20  
 \*\*\* AERMET - VERSION 14134 \*\*\*  
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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1001B \*\*\*  
 INCLUDING SOURCE(S): 1001B ,

\*\*\* NETWORK ID: BORON ; NETWORK TYPE:  
 GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD  
(METERS)

441307.60

441357.60

441407.60

X-COORD (METERS)  
441457.60

3874057.00	0.35328	0.35009	0.34599	0.34075
3874007.00	0.37398	0.37013	0.36486	0.35812
3873957.00	0.39652	0.39164	0.38524	0.37729
3873907.00	0.42121	0.41512	0.40707	0.39784
3873857.00	0.44868	0.44040	0.43062	0.41992
3873807.00	0.47787	0.46757	0.45608	0.44369
3873757.00	0.50937	0.49712	0.48342	0.46914
3873707.00	0.54387	0.52859	0.51241	0.49644
3873657.00	0.58057	0.56219	0.54333	0.52410
3873607.00	0.61936	0.59760	0.57510	0.55225
3873557.00	0.66018	0.63331	0.60664	0.57941
3873507.00	0.70061	0.66869	0.63611	0.60431
3873457.00	0.74059	0.70203	0.66333	0.62556
3873407.00	0.77801	0.73203	0.68678	0.64288
3873357.00	0.81145	0.75756	0.70510	0.65414
3873307.00	0.83949	0.77685	0.71654	0.65862
3873257.00	0.85996	0.78803	0.71957	0.65520
3873207.00	0.87245	0.79109	0.71487	0.64408
3873157.00	0.87378	0.78344	0.70023	0.62472
3873107.00	0.86327	0.76538	0.67727	0.60041
3873057.00	0.84204	0.73858	0.65041	0.57571
3873007.00	0.81179	0.71027	0.62609	0.55669
3872957.00	0.78374	0.68829	0.61086	0.54738
3872907.00	0.76752	0.68006	0.60894	0.55023
3872857.00	0.77060	0.68908	0.62196	0.56574
3872807.00	0.79440	0.71509	0.64797	0.59165
3872757.00	0.83343	0.75194	0.68282	0.62380
3872707.00	0.87421	0.78873	0.71614	0.65381
3872657.00	0.89594	0.80833	0.73370	0.66923
3872607.00	0.88155	0.79691	0.72446	0.66188
3872557.00	0.83183	0.75509	0.68913	0.63184

▲ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*  
\*\*\* 09/09/20  
\*\*\* AERMET - VERSION 14134 \*\*\* \*\*  
\*\*\* 22:25:03

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: 1001B \*\*\*

INCLUDING SOURCE(S): 1001B ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)
Y-COORD (M)	CONC		
439914.00	3872794.00	9.74810	436263.00
3873356.00	0.03752		
435903.00	3873538.00	0.03464	435899.00
3873948.00	0.05728		
442261.30	3871403.00	0.12792	442263.60
3871503.00	0.13790		
442265.80	3871603.00	0.15435	442268.00
3871703.00	0.17213		
442270.30	3871803.00	0.17410	442272.50
3871903.00	0.15219		
442274.70	3872003.00	0.13805	442276.90
3872103.00	0.15147		
442279.20	3872203.00	0.16181	442281.40
3872303.00	0.16689		
442283.60	3872403.00	0.19104	442284.20
3872428.00	0.20015		
442184.30	3872431.00	0.21887	442084.30
3872435.00	0.24055		
441984.40	3872438.00	0.26567	441884.40
3872441.00	0.29669		
441784.50	3872445.00	0.33375	441684.50
3872448.00	0.38064		
441584.60	3872451.00	0.43558	441487.60
3872455.00	0.50697		
441485.00	3872355.00	0.44405	441482.40
3872255.00	0.43679		
441482.30	3872248.00	0.43757	441382.30
3872252.00	0.52800		
441283.60	3872255.00	0.63413	441281.30
3872155.00	0.59844		
441279.00	3872055.00	0.51329	441276.70
3871955.00	0.40110		
441274.30	3871855.00	0.31418	441274.10
3871844.00	0.30795		
441174.10	3871847.00	0.30942	441074.20
3871850.00	0.29945		
440974.20	3871853.00	0.29001	440874.30
3871856.00	0.29589		
440774.30	3871859.00	0.34736	440676.30
3871862.00	0.40738		
440674.00	3871762.00	0.33287	440671.70

3871662.00	0.29448			
440669.30	3871562.00	0.25729		440667.00
3871463.00	0.21790			
440666.80	3871450.00	0.21400		440766.70
3871447.00	0.19034			
440866.70	3871444.00	0.16402		440966.60
3871441.00	0.13716			
441066.60	3871438.00	0.12447		441166.50
3871435.00	0.11594			
441266.50	3871432.00	0.11508		441366.40
3871429.00	0.11882			
441466.40	3871426.00	0.12791		441566.40
3871423.00	0.13750			
441666.30	3871420.00	0.13945		441766.30
3871417.00	0.14449			
441866.20	3871415.00	0.14764		441966.20
3871412.00	0.14041			
442066.10	3871409.00	0.14028		442166.10
3871406.00	0.13431			
440693.20	3872567.00	14.01738		440695.70
3872667.00	34.70514			
440696.30	3872690.00	31.12335		440596.30
3872692.00	49.44957			
440496.30	3872695.00	55.93940		440495.40
3872695.00	56.01022			
440496.80	3872723.00	42.49379		440396.80
3872722.00	50.40479			
440296.80	3872722.00	49.13535		440196.80
3872721.00	48.83375			
440096.80	3872720.00	47.59764		439996.80
3872720.00	42.29338			
439896.80	3872719.00	24.05501		439887.70
3872719.00	20.39045			
439885.90	3872619.00	21.63369		439885.10
3872574.00	11.50211			
439985.10	3872573.00	20.12660		440085.10
3872572.00	23.46227			
440185.10	3872571.00	24.25593		440285.10
3872570.00	24.44361			

^ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*\*  
 \*\*\* 09/09/20  
 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*  
 \*\*\* 22:25:03

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1001B \*\*\*  
 INCLUDING SOURCE(S): 1001B ,



\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD (M)	X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)
3872569.00	440385.10	3872570.00	24.82525	440485.10
3872567.00	440585.10	3872568.00	22.45351	440685.10
3872375.00	440685.70	3872275.00	1.43697	440688.30
3872520.00	440690.80	3872475.00	4.04264	440692.00
3872523.00	440592.00	3872522.00	8.46459	440492.00
3872526.00	440392.00	3872525.00	10.58527	440292.00
3872529.00	440192.10	3872528.00	10.81513	440092.10
3872532.00	439992.10	3872531.00	8.85205	439892.10
3872432.00	439884.50	3872532.00	6.16139	439883.00
3872278.00	439881.50	3872332.00	1.75042	439880.80
3872277.00	439980.80	3872278.00	1.69204	440080.80
3872277.00	440180.80	3872277.00	1.79635	440280.80
3872276.00	440380.80	3872276.00	1.78781	440480.80
3872275.00	440580.80	3872275.00	1.55379	440680.80
3871496.00	437456.80	3871498.00	0.06966	437556.80
3871494.00	437656.80	3871495.00	0.08911	437756.80
3871491.00	437856.80	3871492.00	0.11203	437956.80
3871488.00	438056.80	3871490.00	0.13315	438156.80
3871486.00	438256.80	3871487.00	0.14672	438356.80
	438456.70	3871484.00	0.15193	438556.70

3871483.00	0.15290			
	438656.70	3871482.00	0.14905	438756.70
3871480.00	0.14434			
	438856.70	3871479.00	0.14427	438956.70
3871478.00	0.14794			
	439056.70	3871476.00	0.15664	439156.70
3871475.00	0.17054			
	439256.70	3871474.00	0.17895	439356.70
3871472.00	0.18058			
	439456.60	3871471.00	0.18415	439556.60
3871470.00	0.18800			
	439656.60	3871468.00	0.19081	439756.60
3871467.00	0.19609			
	439856.60	3871466.00	0.19558	439877.70
3871465.00	0.19500			
	439879.30	3871565.00	0.23320	439880.80
3871665.00	0.27568			
	439882.40	3871765.00	0.33040	439884.00
3871865.00	0.40891			
	439885.60	3871965.00	0.53442	439887.10
3872065.00	0.68880			
	439888.70	3872165.00	0.96553	439890.30
3872265.00	1.37486			
	439891.90	3872365.00	2.06305	439893.40
3872465.00	3.57539			
	439895.00	3872565.00	10.69895	439896.60
3872665.00	28.61008			
	439898.20	3872765.00	12.05577	439899.80
3872865.00	5.26182			
	439901.30	3872965.00	3.20790	439902.90
3873065.00	2.26783			
	439903.70	3873112.00	1.98242	439803.70
3873113.00	1.47624			
	439703.70	3873114.00	1.03547	439603.70
3873115.00	0.74608			
	439503.70	3873116.00	0.56197	439403.70
3873117.00	0.45337			
	439303.70	3873118.00	0.39131	439203.70
3873120.00	0.35467			
	439103.70	3873121.00	0.33032	439003.70
3873122.00	0.31119			

\*\*\* AERMOD - VERSION 19191 \*\*\* \*\*\*

\*\*\* 09/09/20

\*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*

\*\*\* 22:25:03

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION

VALUES FOR SOURCE GROUP: 1001B

\*\*\*

INCLUDING SOURCE(S): 1001B ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)
Y-COORD (M)	CONC		
438903.70	3873123.00	0.29476	438803.70
3873124.00	0.27578		
438703.70	3873125.00	0.25475	438603.70
3873126.00	0.23263		
438503.80	3873127.00	0.20894	438403.80
3873128.00	0.18592		
438303.80	3873129.00	0.16395	438203.80
3873130.00	0.14454		
438103.80	3873131.00	0.12750	438003.80
3873132.00	0.11289		
437903.80	3873133.00	0.10062	437803.80
3873134.00	0.09048		
437703.80	3873135.00	0.08218	437603.80
3873137.00	0.07518		
437503.80	3873138.00	0.06974	437449.40
3873138.00	0.06721		
437449.80	3873038.00	0.07098	437450.30
3872938.00	0.08518		
437450.80	3872838.00	0.10596	437451.20
3872738.00	0.12428		
437451.70	3872638.00	0.12843	437452.10
3872538.00	0.11961		
437452.60	3872438.00	0.11075	437453.00
3872338.00	0.10765		
437453.50	3872238.00	0.10471	437453.90
3872138.00	0.09196		
437454.40	3872038.00	0.07438	437454.80
3871938.00	0.06076		
437455.30	3871838.00	0.05444	437455.70
3871738.00	0.05425		
437456.20	3871638.00	0.05856	437456.60
3871538.00	0.06609		
435800.90	3871509.00	0.02615	435900.90
3871509.00	0.02652		
436000.90	3871509.00	0.02699	436100.90
3871509.00	0.02748		
436200.90	3871509.00	0.02819	436300.90

3871509.00	0.02906			
	436400.90	3871509.00	0.03011	436500.90
3871509.00	0.03138			
	436600.90	3871509.00	0.03291	436700.90
3871509.00	0.03475			
	436800.90	3871509.00	0.03698	436900.90
3871509.00	0.03969			
	437000.90	3871509.00	0.04302	437100.90
3871509.00	0.04704			
	437200.90	3871510.00	0.05182	437300.90
3871510.00	0.05746			
	437400.90	3871510.00	0.06431	437448.90
3871510.00	0.06796			
	437448.90	3871610.00	0.05993	437448.90
3871710.00	0.05473			
	437448.90	3871810.00	0.05360	437448.90
3871910.00	0.05814			
	437448.90	3872010.00	0.06986	437448.90
3872110.00	0.08701			
	437448.90	3872210.00	0.10196	437448.90
3872310.00	0.10708			
	437448.90	3872410.00	0.10906	437448.90
3872510.00	0.11624			
	437448.90	3872610.00	0.12673	437449.00
3872710.00	0.12678			
	437449.00	3872810.00	0.11167	437449.00
3872910.00	0.09062			
	437449.00	3873010.00	0.07400	437449.00
3873110.00	0.06707			
	437449.00	3873210.00	0.07166	437449.00
3873211.00	0.07177			
	437349.00	3873212.00	0.06577	437249.00
3873213.00	0.06098			
	437149.00	3873215.00	0.05689	437049.00
3873216.00	0.05343			
	436949.00	3873217.00	0.05070	436849.00
3873218.00	0.04845			
	436749.10	3873220.00	0.04652	436649.10
3873221.00	0.04473			
	436549.10	3873222.00	0.04316	436449.10
3873224.00	0.04173			
	436349.10	3873225.00	0.04045	436249.10
3873226.00	0.03931			

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^ *** AERMOD - VERSION 19191 ***   ***
      ***                          09/09/20
*** AERMET - VERSION 14134 ***   ***
      ***                          22:25:03

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VALUES FOR SOURCE GROUP: 1001B  
 \*\*\* THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION  
 \*\*\* INCLUDING SOURCE(S): 1001B ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)
Y-COORD (M)	CONC		
436149.10	3873228.00	0.03817	436049.10
3873229.00	0.03723		
435949.10	3873230.00	0.03630	435849.10
3873232.00	0.03538		
435835.80	3873232.00	0.03528	435833.70
3873132.00	0.03903		
435831.70	3873032.00	0.04488	435829.70
3872932.00	0.05208		
435827.70	3872832.00	0.05870	435825.60
3872732.00	0.06208		
435823.60	3872632.00	0.06167	435821.60
3872532.00	0.05808		
435819.60	3872432.00	0.05346	435817.50
3872332.00	0.04997		
435815.50	3872232.00	0.04857	435813.50
3872132.00	0.04936		
435811.50	3872032.00	0.04987	435809.40
3871932.00	0.04781		
435807.40	3871832.00	0.04267	435805.40
3871732.00	0.03635		
435803.40	3871632.00	0.03073	435801.40
3871532.00	0.02680		
435809.00	3873839.00	0.05139	435714.00
3873870.00	0.05026		
435619.00	3873902.00	0.04917	435524.10
3873933.00	0.04761		
435484.00	3873946.00	0.04711	435384.10
3873949.00	0.04474		
435284.10	3873952.00	0.04231	435184.20
3873956.00	0.03983		
435084.20	3873959.00	0.03744	434984.30
3873962.00	0.03525		
434884.30	3873965.00	0.03320	434784.30
3873968.00	0.03126		
434684.40	3873971.00	0.02945	434626.00

3873973.00	0.02848			
434568.80	3873891.00	0.02464		434511.60
3873809.00	0.02242			
434511.00	3873808.00	0.02241		434416.00
3873777.00	0.02150			
434404.00	3873773.00	0.02141		434346.10
3873855.00	0.02170			
434288.20	3873936.00	0.02259		434279.00
3873949.00	0.02279			
434180.20	3873964.00	0.02210		434081.30
3873980.00	0.02144			
434026.00	3873988.00	0.02107		433926.00
3873987.00	0.02020			
433826.00	3873985.00	0.01945		433726.00
3873984.00	0.01882			
433626.00	3873982.00	0.01826		433526.10
3873981.00	0.01779			
433426.10	3873980.00	0.01738		433326.10
3873978.00	0.01701			
433226.10	3873977.00	0.01669		433126.10
3873975.00	0.01640			
433026.10	3873974.00	0.01614		432967.00
3873973.00	0.01600			
432867.60	3873963.00	0.01579		432770.00
3873952.00	0.01563			
432681.60	3873905.00	0.01568		432679.00
3873904.00	0.01568			
432681.20	3873804.00	0.01600		432683.40
3873704.00	0.01633			
432685.70	3873604.00	0.01677		432687.90
3873504.00	0.01746			
432690.10	3873404.00	0.01857		432691.00
3873364.00	0.01914			
432791.00	3873364.00	0.01934		432891.00
3873364.00	0.01955			
432991.00	3873364.00	0.01977		433091.00
3873364.00	0.01999			
433191.00	3873364.00	0.02022		433291.00
3873364.00	0.02046			
433391.00	3873364.00	0.02071		433491.00
3873364.00	0.02101			
433591.00	3873364.00	0.02130		433691.00
3873364.00	0.02160			
433791.00	3873364.00	0.02191		433891.00
3873365.00	0.02222			

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^ *** AERMOD - VERSION 19191 ***      ***
      ***                               09/09/20
*** AERMET - VERSION 14134 ***      ***
      ***                               22:25:03

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1001B \*\*\*

INCLUDING SOURCE(S): 1001B ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)
Y-COORD (M)	CONC		
433991.00	3873365.00	0.02255	434091.00
3873365.00	0.02289		
434191.00	3873365.00	0.02328	434291.00
3873365.00	0.02367		
434391.00	3873365.00	0.02409	434491.00
3873365.00	0.02450		
434591.00	3873365.00	0.02493	434691.00
3873365.00	0.02537		
434791.00	3873365.00	0.02586	434891.00
3873365.00	0.02638		
434991.00	3873365.00	0.02687	435091.00
3873365.00	0.02745		
435191.00	3873365.00	0.02804	435291.00
3873365.00	0.02861		
435391.00	3873365.00	0.02920	435491.00
3873365.00	0.02987		
435591.00	3873365.00	0.03060	435691.00
3873365.00	0.03132		
435791.00	3873365.00	0.03210	435836.00
3873365.00	0.03249		
435830.30	3873465.00	0.03206	435824.60
3873565.00	0.03411		
435818.90	3873665.00	0.03926	435813.30
3873764.00	0.04630		
433343.00	3874839.00	0.02991	433243.10
3874835.00	0.02978		
433143.20	3874831.00	0.02956	433043.30
3874827.00	0.02923		
432943.30	3874823.00	0.02880	432843.40
3874819.00	0.02826		
432809.00	3874817.00	0.02807	432808.50
3874717.00	0.02701		
432807.90	3874617.00	0.02489	432807.40

3874517.00	0.02217			
	432807.00	3874449.00	0.02029	432707.00
3874448.00	0.01930			
	432675.00	3874448.00	0.01901	432675.30
3874348.00	0.01695			
	432675.70	3874248.00	0.01569	432676.00
3874164.00	0.01525			
	432754.00	3874129.00	0.01540	432853.50
3874119.00	0.01567			
	432953.00	3874109.00	0.01597	432999.00
3874104.00	0.01612			
	433099.00	3874105.00	0.01653	433199.00
3874105.00	0.01700			
	433299.00	3874106.00	0.01755	433399.00
3874106.00	0.01815			
	433499.00	3874107.00	0.01885	433599.00
3874107.00	0.01965			
	433699.00	3874108.00	0.02056	433799.00
3874108.00	0.02158			
	433899.00	3874109.00	0.02274	433999.00
3874109.00	0.02402			
	434099.00	3874110.00	0.02546	434169.00
3874110.00	0.02652			
	434176.00	3874210.00	0.03068	434183.00
3874310.00	0.03431			
	434190.00	3874409.00	0.03628	434197.00
3874509.00	0.03630			
	434204.00	3874609.00	0.03495	434211.00
3874709.00	0.03312			
	434217.90	3874808.00	0.03165	434218.00
3874809.00	0.03164			
	434118.10	3874813.00	0.03132	434018.10
3874816.00	0.03107			
	433918.20	3874819.00	0.03087	433818.20
3874823.00	0.03066			
	433718.30	3874826.00	0.03052	433618.30
3874830.00	0.03036			
	433518.40	3874833.00	0.03021	433418.50
3874837.00	0.03003			

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^ *** AERMOD - VERSION 19191 *** ***
                                     *** 09/09/20
*** AERMET - VERSION 14134 *** ***
                                     *** 22:25:03

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

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*** THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: 1001C ***
INCLUDING SOURCE(S): 1001C ,

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\*\*\* NETWORK ID: COURSE ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD (METERS)	430733.00	431233.00	431733.00	X-COORD (METERS) 432233.00	432733.00
433233.00	433733.00	434233.00	434733.00		

3879761.00	0.00994	0.00884	0.01179	0.01397	0.01613
0.01746	0.01764	0.02049	0.02732		
3879261.00	0.01242	0.01122	0.01058	0.01206	0.01488
0.01751	0.01921	0.01929	0.02349		
3878761.00	0.01319	0.01379	0.01253	0.01139	0.01271
0.01595	0.01902	0.02075	0.02148		
3878261.00	0.01097	0.01343	0.01505	0.01428	0.01271
0.01355	0.01718	0.02100	0.02285		
3877761.00	0.00967	0.01089	0.01324	0.01579	0.01621
0.01454	0.01473	0.01858	0.02314		
3877261.00	0.01018	0.01037	0.01113	0.01300	0.01612
0.01813	0.01696	0.01628	0.02018		
3876761.00	0.01331	0.01217	0.01164	0.01189	0.01315
0.01610	0.01962	0.01987	0.01842		
3876261.00	0.01664	0.01685	0.01580	0.01432	0.01356
0.01401	0.01618	0.02042	0.02296		
3875761.00	0.01690	0.01777	0.01914	0.01999	0.01917
0.01734	0.01624	0.01697	0.02074		
3875261.00	0.02020	0.02074	0.02087	0.02126	0.02261
0.02409	0.02387	0.02154	0.01991		
3874761.00	0.01514	0.01856	0.02217	0.02511	0.02656
0.02708	0.02797	0.02982	0.03063		
3874261.00	0.01128	0.01217	0.01375	0.01644	0.02072
0.02617	0.03177	0.03569	0.03771		
3873761.00	0.01212	0.01283	0.01358	0.01439	0.01532
0.01667	0.01906	0.02365	0.03150		
3873261.00	0.01428	0.01493	0.01561	0.01642	0.01745
0.01866	0.02009	0.02182	0.02387		
3872761.00	0.02000	0.02128	0.02271	0.02422	0.02604
0.02808	0.03041	0.03317	0.03650		
3872261.00	0.01899	0.02040	0.02197	0.02384	0.02601
0.02855	0.03158	0.03540	0.04010		
3871761.00	0.01515	0.01613	0.01727	0.01859	0.02035
0.02252	0.02525	0.02891	0.03372		
3871261.00	0.01492	0.01649	0.01825	0.01997	0.02176
0.02329	0.02431	0.02492	0.02497		
3870761.00	0.01470	0.01481	0.01485	0.01455	0.01428

0.01414	0.01427	0.01491	0.01635		
3870261.00		0.00971	0.00965	0.00970	0.00995 0.01035
0.01123	0.01263	0.01516	0.01952		
3869761.00		0.00754	0.00786	0.00846	0.00929 0.01063
0.01289	0.01617	0.02071	0.02654		
3869261.00		0.00722	0.00810	0.00941	0.01143 0.01374
0.01690	0.02053	0.02430	0.02808		
3868761.00		0.00852	0.01005	0.01204	0.01426 0.01666
0.01917	0.02161	0.02260	0.02250		
3868261.00		0.01068	0.01236	0.01410	0.01583 0.01758
0.01846	0.01803	0.01862	0.02001		
3867761.00		0.01233	0.01358	0.01490	0.01579 0.01536
0.01493	0.01608	0.01685	0.01511		
3867261.00		0.01310	0.01401	0.01379	0.01288 0.01305
0.01423	0.01432	0.01250	0.01115		
3866761.00		0.01296	0.01199	0.01153	0.01201 0.01271
0.01228	0.01051	0.00961	0.01050		
3866261.00		0.00994	0.01041	0.01117	0.01146 0.01059
0.00900	0.00844	0.00948	0.01032		
3865761.00		0.00964	0.01035	0.01030	0.00919 0.00779
0.00746	0.00855	0.01052	0.00641		
3865261.00		0.00949	0.00916	0.00802	0.00687 0.00667
0.00808	0.01049	0.00827	0.00490		
3864761.00		0.00811	0.00706	0.00610	0.00605 0.00728
0.00950	0.01003	0.00705	0.00530		

^ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*\*  
 \*\*\* 09/09/20  
 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*  
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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1001C \*\*\*

INCLUDING SOURCE(S): 1001C ,

\*\*\* NETWORK ID: COURSE ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD					X-COORD (METERS)
(METERS)		435233.00	435733.00	436233.00	436733.00 437233.00
437733.00		438233.00	438733.00	439233.00	

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3879761.00		0.03196	0.03517	0.03708	0.03793 0.04592
------------	--	---------	---------	---------	-----------------

0.04912	0.04648	0.05444	0.06569		
3879261.00		0.03087	0.03594	0.03911	0.03523 0.03945
0.05342	0.04991	0.05626	0.07059		
3878761.00		0.02739	0.03680	0.03999	0.04291 0.04190
0.05667	0.05787	0.05866	0.07527		
3878261.00		0.02503	0.03297	0.04230	0.04666 0.04543
0.05358	0.06447	0.06499	0.08253		
3877761.00		0.02532	0.02819	0.03873	0.04312 0.04465
0.05012	0.06981	0.07182	0.08804		
3877261.00		0.02582	0.02863	0.03354	0.04652 0.05511
0.06004	0.07278	0.08113	0.09472		
3876761.00		0.02198	0.02906	0.03301	0.04111 0.05813
0.06660	0.07500	0.09037	0.10348		
3876261.00		0.02162	0.02460	0.03333	0.03893 0.05240
0.07014	0.07843	0.09898	0.11695		
3875761.00		0.02569	0.02602	0.02819	0.03908 0.04796
0.06699	0.08895	0.11050	0.12824		
3875261.00		0.02164	0.02775	0.03180	0.03386 0.04709
0.06185	0.09187	0.12248	0.14752		
3874761.00		0.02820	0.02592	0.02990	0.03825 0.04253
0.05874	0.08737	0.13392	0.16648		
3874261.00		0.03994	0.04221	0.03973	0.03699 0.04521
0.05599	0.07921	0.13333	0.22510		
3873761.00		0.04230	0.05277	0.05984	0.06500 0.06358
0.06140	0.07772	0.12188	0.23230		
3873261.00		0.02666	0.03141	0.04143	0.06181 0.09114
0.11769	0.12761	0.13656	0.25245		
3872761.00		0.04059	0.04558	0.05160	0.05926 0.06990
0.08656	0.12671	0.23546	0.45378		
3872261.00		0.04619	0.05414	0.06461	0.07929 0.10137
0.13639	0.19534	0.30719	0.58435		
3871761.00		0.03965	0.04665	0.05409	0.06061 0.06597
0.07386	0.10290	0.21558	0.37495		
3871261.00		0.02499	0.02571	0.02822	0.03535 0.05366
0.09537	0.14571	0.15584	0.19176		
3870761.00		0.01920	0.02496	0.03627	0.05607 0.08045
0.08831	0.07483	0.09259	0.12766		
3870261.00		0.02667	0.03704	0.04930	0.05614 0.05556
0.04928	0.05559	0.07606	0.06317		
3869761.00		0.03339	0.03872	0.03937	0.03930 0.03344
0.03433	0.04508	0.04726	0.03559		
3869261.00		0.02909	0.02966	0.02976	0.02303 0.02623
0.02038	0.01815	0.02358	0.02369		
3868761.00		0.02392	0.02329	0.01778	0.02081 0.02094
0.01804	0.01272	0.01384	0.01751		
3868261.00		0.01861	0.01362	0.01713	0.01725 0.01317
0.00838	0.00773	0.00993	0.01433		
3867761.00		0.01191	0.01397	0.01415	0.01119 0.00797
0.00650	0.00663	0.00819	0.01228		
3867261.00		0.01233	0.01384	0.01005	0.00799 0.00604

0.00565	0.00575	0.00717	0.01028		
3866761.00		0.01091	0.00812	0.00668	0.00584 0.00509
0.00541	0.00534	0.00652	0.00871		
3866261.00		0.00751	0.00615	0.00534	0.00491 0.00483
0.00484	0.00470	0.00594	0.00746		
3865761.00		0.00502	0.00496	0.00476	0.00430 0.00463
0.00424	0.00426	0.00525	0.00630		
3865261.00		0.00471	0.00461	0.00412	0.00416 0.00437
0.00388	0.00421	0.00518	0.00533		
3864761.00		0.00455	0.00415	0.00374	0.00409 0.00395
0.00375	0.00419	0.00500	0.00495		

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 \*\*\* 09/09/20  
 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*  
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1001C \*\*\*

INCLUDING SOURCE(S): 1001C ,

\*\*\* NETWORK ID: COURSE ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD (METERS)		X-COORD (METERS)			
442233.00		439733.00	440233.00	440733.00	441233.00 441733.00
442733.00		443233.00	443733.00		

3879761.00		0.05223	0.03775	0.02713	0.02611	0.02330
0.01623	0.01310	0.01210	0.01369			
3879261.00		0.05948	0.04168	0.03028	0.02993	0.02501
0.01779	0.01528	0.01577	0.01581			
3878761.00		0.06985	0.04778	0.03533	0.03747	0.02900
0.02112	0.01785	0.01616	0.01926			
3878261.00		0.08221	0.05554	0.04187	0.04447	0.03396
0.02634	0.02271	0.01994	0.02280			
3877761.00		0.09472	0.06253	0.04641	0.05150	0.04118
0.03199	0.02868	0.02802	0.02532			
3877261.00		0.10721	0.07496	0.05753	0.05999	0.04573
0.03735	0.03907	0.03870	0.03081			
3876761.00		0.12237	0.08213	0.07001	0.07068	0.05143
0.04565	0.05327	0.04702	0.03952			
3876261.00		0.13927	0.10853	0.08566	0.07865	0.05194

0.06034	0.06525	0.05437	0.04580		
3875761.00		0.16603	0.13461	0.10517	0.05815 0.05384
0.07847	0.07698	0.06276	0.05425		
3875261.00		0.18248	0.17211	0.13153	0.11004 0.10258
0.10697	0.08875	0.07604	0.07163		
3874761.00		0.19234	0.22744	0.16822	0.14442 0.14878
0.13146	0.10975	0.10047	0.08891		
3874261.00		0.32244	0.31463	0.23746	0.21836 0.21136
0.17263	0.15024	0.11754	0.07701		
3873761.00		0.43173	0.51077	0.40032	0.37403 0.31369
0.24239	0.15314	0.08674	0.05568		
3873261.00		0.68626	1.08231	0.94501	0.75036 0.43315
0.20119	0.10865	0.07222	0.05368		
3872761.00		1.45060	4.92401	3.64746	1.00886 0.34094
0.18831	0.12598	0.09229	0.07094		
3872261.00		2.43218	11.69098	5.07262	0.90059 0.39617
0.23286	0.15784	0.11524	0.08848		
3871761.00		0.51997	0.71964	0.56666	0.45409 0.30852
0.15571	0.10444	0.07631	0.05445		
3871261.00		0.21323	0.27432	0.23193	0.13353 0.16634
0.15088	0.11905	0.06668	0.04041		
3870761.00		0.09835	0.13797	0.12581	0.07042 0.05158
0.07648	0.07445	0.04890	0.06005		
3870261.00		0.06625	0.08050	0.08028	0.04101 0.03160
0.02316	0.02745	0.04107	0.02773		
3869761.00		0.04429	0.06581	0.04973	0.02419 0.01748
0.01607	0.01342	0.01682	0.02267		
3869261.00		0.03160	0.04237	0.03850	0.01641 0.01233
0.01085	0.01052	0.01156	0.01066		
3868761.00		0.02320	0.02888	0.03726	0.01502 0.00749
0.00770	0.00705	0.00881	0.00849		
3868261.00		0.01793	0.02069	0.03047	0.02035 0.00994
0.00731	0.00665	0.00652	0.00787		
3867761.00		0.01384	0.01489	0.02204	0.01705 0.01165
0.00827	0.00796	0.00514	0.00673		
3867261.00		0.01098	0.01138	0.01603	0.01379 0.00989
0.00717	0.00754	0.00689	0.00457		
3866761.00		0.00862	0.00855	0.01075	0.01009 0.00793
0.00676	0.00533	0.00670	0.00452		
3866261.00		0.00654	0.00652	0.00747	0.00721 0.00646
0.00614	0.00433	0.00516	0.00538		
3865761.00		0.00525	0.00542	0.00571	0.00540 0.00509
0.00513	0.00423	0.00344	0.00494		
3865261.00		0.00447	0.00467	0.00499	0.00452 0.00429
0.00449	0.00401	0.00293	0.00379		
3864761.00		0.00410	0.00420	0.00457	0.00408 0.00374
0.00397	0.00375	0.00298	0.00266		

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\*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: 1001C \*\*\*

INCLUDING SOURCE(S): 1001C ,

\*\*\* NETWORK ID: COURSE ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD (METERS)	444233.00	444733.00	445233.00	X-COORD (METERS) 445733.00
3879761.00	0.01309	0.01367	0.01249	0.01275
3879261.00	0.01568	0.01473	0.01399	0.01534
3878761.00	0.01802	0.01594	0.01694	0.01770
3878261.00	0.01906	0.01967	0.02044	0.01853
3877761.00	0.02259	0.02501	0.02177	0.01957
3877261.00	0.02966	0.02748	0.02418	0.02689
3876761.00	0.03438	0.03102	0.03305	0.03052
3876261.00	0.04009	0.04209	0.03681	0.03785
3875761.00	0.05377	0.04927	0.04674	0.04043
3875261.00	0.06709	0.05922	0.04490	0.03207
3874761.00	0.06803	0.04675	0.03270	0.02369
3874261.00	0.04953	0.03488	0.02693	0.02205
3873761.00	0.04062	0.03194	0.02627	0.02233
3873261.00	0.04266	0.03544	0.03039	0.02653
3872761.00	0.05684	0.04684	0.03944	0.03365
3872261.00	0.07024	0.05716	0.04717	0.03936
3871761.00	0.04271	0.03739	0.03268	0.02863
3871261.00	0.03727	0.03786	0.03103	0.02315
3870761.00	0.04203	0.02487	0.01906	0.01915
3870261.00	0.02925	0.03987	0.02801	0.01881
3869761.00	0.02422	0.01237	0.01156	0.02238
3869261.00	0.01525	0.01764	0.00946	0.00814
3868761.00	0.00948	0.01053	0.01088	0.01018
3868261.00	0.00787	0.00703	0.00609	0.00704
3867761.00	0.00673	0.00623	0.00537	0.00406
3867261.00	0.00568	0.00526	0.00511	0.00477
3866761.00	0.00417	0.00456	0.00430	0.00437
3866261.00	0.00348	0.00351	0.00347	0.00371
3865761.00	0.00384	0.00291	0.00288	0.00294
3865261.00	0.00420	0.00291	0.00245	0.00240

3864761.00 | 0.00387 0.00316 0.00239 0.00196  
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 \*\*\* 09/09/20  
 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*  
 \*\*\* 22:25:03

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\*\*\* MODELOPTs: RegDFault CONC ELEV FLGPOL RURAL

\*\*\* THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1001C \*\*\*

INCLUDING SOURCE(S): 1001C ,

\*\*\* NETWORK ID: DESERTL ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD (METERS)	435850.40	435900.40	435950.40	436000.40	436050.40
436100.40	436150.40	436200.40	436250.40		

3874157.00	0.04608	0.04579	0.04568	0.04562	0.04557
0.04546	0.04528	0.04504	0.04475		
3874107.00	0.04724	0.04728	0.04725	0.04735	0.04737
0.04736	0.04731	0.04726	0.04726		
3874057.00	0.04795	0.04825	0.04859	0.04882	0.04901
0.04912	0.04924	0.04947	0.04974		
3874007.00	0.04924	0.04953	0.04988	0.05016	0.05042
0.05073	0.05100	0.05132	0.05165		
3873957.00	0.05108	0.05089	0.05120	0.05151	0.05182
0.05218	0.05259	0.05303	0.05340		
3873907.00	0.05225	0.05229	0.05262	0.05296	0.05330
0.05372	0.05416	0.05464	0.05509		
3873857.00	0.05324	0.05364	0.05404	0.05442	0.05480
0.05519	0.05575	0.05629	0.05679		
3873807.00	0.05424	0.05477	0.05527	0.05576	0.05622
0.05676	0.05737	0.05795	0.05852		
3873757.00	0.05473	0.05544	0.05612	0.05678	0.05742
0.05812	0.05882	0.05949	0.06019		
3873707.00	0.05448	0.05543	0.05633	0.05726	0.05815
0.05902	0.05989	0.06072	0.06152		
3873657.00	0.05338	0.05456	0.05570	0.05685	0.05806
0.05921	0.06032	0.06136	0.06239		
3873607.00	0.05139	0.05278	0.05414	0.05558	0.05704
0.05850	0.05988	0.06114	0.06241		
3873557.00	0.04866	0.05018	0.05171	0.05336	0.05505

0.05674	0.05842	0.05990	0.06137		
3873507.00		0.04544	0.04700	0.04861	0.05038 0.05223
0.05407	0.05591	0.05765	0.05934		
3873457.00		0.04207	0.04358	0.04522	0.04698 0.04882
0.05068	0.05255	0.05443	0.05630		
3873407.00		0.03894	0.04035	0.04186	0.04349 0.04518
0.04694	0.04878	0.05064	0.05260		
3873357.00		0.03629	0.03751	0.03884	0.04028 0.04177
0.04333	0.04497	0.04677	0.04863		
3873307.00		0.03429	0.03532	0.03642	0.03762 0.03890
0.04020	0.04160	0.04319	0.04487		
3873257.00		0.03303	0.03381	0.03474	0.03566 0.03675
0.03782	0.03897	0.04031	0.04169		
3873207.00		0.03241	0.03306	0.03378	0.03451 0.03538
0.03624	0.03716	0.03826	0.03946		
3873157.00		0.03238	0.03296	0.03351	0.03412 0.03481
0.03549	0.03631	0.03713	0.03808		

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 \*\*\* 09/09/20  
 \*\*\* AERMET - VERSION 14134 \*\*\*  
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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1001C  
 \*\*\*  
 INCLUDING SOURCE(S): 1001C ,

\*\*\* NETWORK ID: DESERTL ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD					X-COORD (METERS)
(METERS)		436300.40	436350.40	436400.40	436450.40 436500.40
436550.40		436600.40	436650.40	436700.40	

3874157.00		0.04437	0.04395	0.04355	0.04323	0.04287
0.04236	0.04181	0.04140	0.04100			
3874107.00		0.04712	0.04676	0.04648	0.04614	0.04577
0.04527	0.04471	0.04418	0.04370			
3874057.00		0.04971	0.04951	0.04928	0.04898	0.04864
0.04827	0.04778	0.04727	0.04677			
3874007.00		0.05183	0.05183	0.05176	0.05162	0.05140
0.05112	0.05079	0.05046	0.05001			
3873957.00		0.05369	0.05391	0.05400	0.05407	0.05401



0.05389	0.05375	0.05358	0.05328		
3873907.00	0.05550	0.05588	0.05613	0.05629	0.05643
0.05650	0.05660	0.05656	0.05647		
3873857.00	0.05727	0.05774	0.05811	0.05844	0.05869
0.05899	0.05919	0.05940	0.05947		
3873807.00	0.05912	0.05957	0.06007	0.06050	0.06093
0.06131	0.06165	0.06199	0.06231		
3873757.00	0.06082	0.06139	0.06197	0.06248	0.06301
0.06348	0.06403	0.06445	0.06496		
3873707.00	0.06230	0.06306	0.06370	0.06442	0.06502
0.06564	0.06627	0.06685	0.06747		
3873657.00	0.06332	0.06428	0.06510	0.06599	0.06679
0.06759	0.06836	0.06908	0.06977		
3873607.00	0.06367	0.06483	0.06597	0.06700	0.06813
0.06918	0.07021	0.07100	0.07188		
3873557.00	0.06292	0.06437	0.06581	0.06725	0.06856
0.06991	0.07121	0.07239	0.07344		
3873507.00	0.06101	0.06283	0.06458	0.06633	0.06801
0.06965	0.07121	0.07280	0.07431		
3873457.00	0.05821	0.06021	0.06214	0.06416	0.06611
0.06808	0.06995	0.07189	0.07380		
3873407.00	0.05460	0.05663	0.05872	0.06088	0.06304
0.06519	0.06734	0.06967	0.07196		
3873357.00	0.05054	0.05258	0.05467	0.05681	0.05905
0.06134	0.06372	0.06622	0.06880		
3873307.00	0.04665	0.04848	0.05042	0.05248	0.05466
0.05689	0.05933	0.06190	0.06456		
3873257.00	0.04329	0.04485	0.04659	0.04849	0.05039
0.05263	0.05477	0.05721	0.05979		
3873207.00	0.04067	0.04201	0.04349	0.04500	0.04678
0.04854	0.05054	0.05265	0.05500		
3873157.00	0.03903	0.04017	0.04130	0.04264	0.04396
0.04546	0.04713	0.04886	0.05085		

▲ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*  
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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: 1001C \*\*\*  
INCLUDING SOURCE(S): 1001C ,

\*\*\* NETWORK ID: DESERTL ; NETWORK TYPE:  
GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD  
(METERS)

436750.40 436800.40 436850.40

X-COORD (METERS)

-----  
-----  
3874157.00 | 0.04072 0.04044 0.04030  
3874107.00 | 0.04325 0.04284 0.04252  
3874057.00 | 0.04626 0.04575 0.04527  
3874007.00 | 0.04951 0.04899 0.04847  
3873957.00 | 0.05288 0.05244 0.05195  
3873907.00 | 0.05624 0.05595 0.05552  
3873857.00 | 0.05949 0.05933 0.05911  
3873807.00 | 0.06247 0.06257 0.06253  
3873757.00 | 0.06536 0.06559 0.06578  
3873707.00 | 0.06794 0.06849 0.06883  
3873657.00 | 0.07039 0.07110 0.07169  
3873607.00 | 0.07272 0.07353 0.07434  
3873557.00 | 0.07461 0.07574 0.07670  
3873507.00 | 0.07572 0.07713 0.07848  
3873457.00 | 0.07572 0.07755 0.07929  
3873407.00 | 0.07433 0.07656 0.07863  
3873357.00 | 0.07146 0.07403 0.07647  
3873307.00 | 0.06733 0.06993 0.07258  
3873257.00 | 0.06247 0.06507 0.06776  
3873207.00 | 0.05735 0.05978 0.06234  
3873157.00 | 0.05283 0.05495 0.05723

▲ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*\*  
\*\*\* 09/09/20  
\*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*  
\*\*\* 22:25:03

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: 1001C \*\*\*

INCLUDING SOURCE(S): 1001C ,

\*\*\* NETWORK ID: BORON ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD  
(METERS)

439957.60 440007.60 440057.60  
440207.60 440257.60 440307.60 440357.60

X-COORD (METERS)  
440107.60 440157.60

-----  
-----

3874057.00		0.38310	0.38231	0.38002	0.37755	0.37581
0.37484		0.37325	0.36978	0.36330		
3874007.00		0.39800	0.39804	0.39708	0.39508	0.39330
0.39161		0.39124	0.38770	0.38043		
3873957.00		0.41504	0.41599	0.41593	0.41458	0.41329
0.41200		0.41082	0.40688	0.39975		
3873907.00		0.43335	0.43571	0.43650	0.43645	0.43561
0.43432		0.43219	0.42827	0.42099		
3873857.00		0.45381	0.45675	0.45897	0.46026	0.46030
0.45881		0.45642	0.45137	0.44442		
3873807.00		0.47538	0.48002	0.48332	0.48593	0.48681
0.48548		0.48221	0.47729	0.46977		
3873757.00		0.49989	0.50538	0.51008	0.51393	0.51588
0.51485		0.51157	0.50584	0.49795		
3873707.00		0.52637	0.53320	0.53908	0.54455	0.54779
0.54759		0.54410	0.53747	0.52944		
3873657.00		0.55590	0.56392	0.57101	0.57818	0.58290
0.58346		0.57990	0.57369	0.56447		
3873607.00		0.58868	0.59746	0.60699	0.61532	0.62198
0.62321		0.61980	0.61310	0.60332		
3873557.00		0.62436	0.63527	0.64651	0.65660	0.66494
0.66738		0.66441	0.65821	0.64796		
3873507.00		0.66505	0.67803	0.69125	0.70389	0.71322
0.71745		0.71488	0.70750	0.69831		
3873457.00		0.71051	0.72620	0.74147	0.75607	0.76742
0.77273		0.77086	0.76403	0.75560		
3873407.00		0.76131	0.78058	0.79925	0.81575	0.82833
0.83559		0.83617	0.82972	0.82188		
3873357.00		0.81821	0.84207	0.86431	0.88396	0.89830
0.90667		0.91025	0.90761	0.90252		
3873307.00		0.88224	0.91181	0.93867	0.96186	0.97881
0.99002		0.99512	0.99839	0.99750		
3873257.00		0.95494	0.99093	1.02447	1.05281	1.07220
1.08524		1.09420	1.10165	1.11014		
3873207.00		1.04084	1.08620	1.12658	1.15944	1.18636
1.20477		1.22117	1.23226	1.23903		
3873157.00		1.13804	1.19121	1.24092	1.28611	1.31605
1.34569		1.36383	1.38019	1.39142		
3873107.00		1.24963	1.31997	1.38072	1.42970	1.47202
1.50596		1.53322	1.55773	1.57757		
3873057.00		1.38715	1.46769	1.54070	1.60555	1.65840
1.70175		1.74812	1.78497	1.81216		
3873007.00		1.55267	1.65268	1.74241	1.81759	1.88525
1.95004		2.01266	2.05910	2.09538		
3872957.00		1.74682	1.87082	1.98291	2.08640	2.17717
2.26286		2.33952	2.41486	2.45765		
3872907.00		1.99855	2.15463	2.29301	2.41841	2.54921
2.66749		2.77464	2.85370	2.90996		
3872857.00		2.31537	2.51272	2.70025	2.86972	3.03590

3.19218	3.32798	3.44572	3.51187		
3872807.00	2.74608	3.00093	3.23596	3.46691	3.70953
3.91246	4.07914	4.22359	4.31395		
3872757.00	3.35211	3.69470	4.03019	4.34773	4.65234
4.91158	5.12972	5.27869	5.36856		
3872707.00	4.25389	4.75800	5.23753	5.69123	6.06507
6.36669	6.59479	6.76647	6.89036		
3872657.00	5.74621	6.54146	7.24340	7.88280	8.33420
8.66436	8.89194	9.03916	9.09944		
3872607.00	8.56575	9.99017	11.04470	11.81178	12.29825
12.53445	12.80762	12.89597	12.90784		
3872557.00	16.17676	18.43153	19.79594	20.50792	20.90443
21.10266	21.15981	21.11000	21.01041		

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 \*\*\* 09/09/20  
 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*  
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1001C \*\*\*

INCLUDING SOURCE(S): 1001C ,

\*\*\* NETWORK ID: BORON ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD (METERS)	X-COORD (METERS)				
	440407.60	440457.60	440507.60	440557.60	440607.60
440657.60	440707.60	440757.60	440807.60		

3874057.00	0.35249	0.33907	0.32405	0.30952	0.29719
0.28801	0.28224	0.27975	0.27894		
3874007.00	0.37016	0.35576	0.33973	0.32502	0.31210
0.30255	0.29713	0.29466	0.29421		
3873957.00	0.38929	0.37439	0.35756	0.34205	0.32860
0.31911	0.31372	0.31163	0.31147		
3873907.00	0.41009	0.39497	0.37762	0.36089	0.34717
0.33781	0.33246	0.33091	0.33074		
3873857.00	0.43278	0.41781	0.39951	0.38255	0.36816
0.35854	0.35362	0.35189	0.35223		
3873807.00	0.45850	0.44296	0.42436	0.40654	0.39199
0.38231	0.37705	0.37544	0.37548		
3873757.00	0.48621	0.47082	0.45184	0.43352	0.41834

0.40827	0.40351	0.40187	0.40142		
3873707.00		0.51721	0.50187	0.48273	0.46403 0.44870
0.43890	0.43285	0.43072	0.43042		
3873657.00		0.55281	0.53671	0.51800	0.49837 0.48283
0.47223	0.46630	0.46374	0.46203		
3873607.00		0.59167	0.57717	0.55811	0.53816 0.52192
0.51083	0.50418	0.50098	0.49879		
3873557.00		0.63608	0.62162	0.60395	0.58479 0.56675
0.55486	0.54718	0.54311	0.54062		
3873507.00		0.68723	0.67382	0.65740	0.63701 0.61828
0.60402	0.59579	0.59055	0.58683		
3873457.00		0.74521	0.73447	0.71899	0.69743 0.67726
0.66040	0.65049	0.64419	0.63851		
3873407.00		0.81409	0.80481	0.79021	0.76762 0.74449
0.72535	0.71230	0.70514	0.69707		
3873357.00		0.89530	0.88681	0.87284	0.84887 0.82204
0.79889	0.78413	0.77429	0.76387		
3873307.00		0.99243	0.98291	0.96917	0.94335 0.91198
0.88449	0.86638	0.85328	0.84058		
3873257.00		1.10533	1.09619	1.08053	1.05393 1.01776
0.98486	0.96128	0.94609	0.92924		
3873207.00		1.23711	1.22798	1.21020	1.17919 1.14238
1.10592	1.07678	1.05515	1.03292		
3873157.00		1.39292	1.38550	1.36840	1.33844 1.28966
1.24181	1.20595	1.17861	1.15023		
3873107.00		1.59075	1.58227	1.55890	1.51920 1.46239
1.40422	1.35935	1.32402	1.28697		
3873057.00		1.82159	1.81211	1.79248	1.74616 1.67873
1.60630	1.54841	1.50112	1.45478		
3873007.00		2.11818	2.11064	2.07799	2.02259 1.94110
1.84909	1.77243	1.70768	1.64054		
3872957.00		2.47569	2.46699	2.42828	2.35984 2.25867
2.13906	2.04755	1.95695	1.86407		
3872907.00		2.94136	2.93574	2.89177	2.80273 2.67114
2.51034	2.36600	2.23969	2.11945		
3872857.00		3.53987	3.53287	3.46889	3.35032 3.18454
2.97183	2.76886	2.59067	2.41471		
3872807.00		4.34370	4.32104	4.23163	4.07064 3.83291
3.53165	3.24615	2.99656	2.76084		
3872757.00		5.39410	5.37368	5.24843	5.02955 4.70455
4.29573	3.88262	3.52416	3.18939		
3872707.00		6.90220	6.84674	6.67514	6.38004 5.93319
5.32824	4.71369	4.19804	3.71730		
3872657.00		9.14898	9.04494	8.81648	8.42664 7.80884
6.90647	5.92349	5.09308	4.32803		
3872607.00		12.85860	12.72533	12.43966	11.92986 11.07286
9.64090	7.85295	6.34897	5.04170		
3872557.00		20.85978	20.81104	20.36671	19.71137 18.42303
15.94916	11.54874	7.95853	5.67718		

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\*\*\* 09/09/20  
 \*\*\* AERMET - VERSION 14134 \*\*\*  
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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1001C \*\*\*

INCLUDING SOURCE(S): 1001C ,

\*\*\* NETWORK ID: BORON ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD (METERS)	440857.60	440907.60	440957.60	441007.60	X-COORD (METERS)	441057.60
441107.60	441157.60	441207.60	441257.60			

3874057.00	0.27916	0.27817	0.27649	0.27371	0.27112
0.26953	0.26837	0.26764	0.26725		
3874007.00	0.29442	0.29383	0.29099	0.28844	0.28567
0.28387	0.28269	0.28206	0.28145		
3873957.00	0.31173	0.31034	0.30765	0.30461	0.30163
0.29974	0.29865	0.29765	0.29706		
3873907.00	0.33070	0.32956	0.32638	0.32258	0.31937
0.31718	0.31599	0.31485	0.31410		
3873857.00	0.35196	0.35014	0.34664	0.34260	0.33929
0.33671	0.33484	0.33355	0.33261		
3873807.00	0.37461	0.37223	0.36859	0.36451	0.36088
0.35804	0.35597	0.35432	0.35280		
3873757.00	0.40028	0.39671	0.39267	0.38855	0.38455
0.38102	0.37876	0.37692	0.37505		
3873707.00	0.42862	0.42525	0.42017	0.41499	0.41058
0.40719	0.40409	0.40199	0.39965		
3873657.00	0.45999	0.45595	0.45000	0.44419	0.43913
0.43549	0.43237	0.42989	0.42679		
3873607.00	0.49576	0.49059	0.48335	0.47686	0.47164
0.46700	0.46379	0.46048	0.45648		
3873557.00	0.53562	0.52883	0.52113	0.51364	0.50799
0.50298	0.49875	0.49467	0.48885		
3873507.00	0.58064	0.57162	0.56218	0.55495	0.54827
0.54274	0.53762	0.53202	0.52423		
3873457.00	0.62971	0.61905	0.60883	0.60030	0.59337
0.58673	0.58074	0.57316	0.56246		
3873407.00	0.68654	0.67401	0.66176	0.65239	0.64460

0.63719	0.62833	0.61758	0.60342		
3873357.00	0.75040	0.73537	0.72208	0.71157	0.70240
0.69342	0.68107	0.66595	0.64711		
3873307.00	0.82412	0.80705	0.79144	0.77924	0.76734
0.75479	0.73811	0.71724	0.69212		
3873257.00	0.90964	0.88948	0.87124	0.85500	0.83967
0.82122	0.79770	0.76936	0.73845		
3873207.00	1.00737	0.98208	0.95970	0.93910	0.92048
0.89390	0.86055	0.82282	0.78506		
3873157.00	1.11845	1.08764	1.06257	1.03754	1.00574
0.96734	0.92302	0.87535	0.82986		
3873107.00	1.25315	1.21386	1.17780	1.13938	1.09458
1.04237	0.98522	0.92968	0.87123		
3873057.00	1.40146	1.35082	1.30168	1.25184	1.18954
1.12037	1.05004	0.97820	0.91046		
3873007.00	1.57227	1.50896	1.44374	1.36847	1.28565
1.19737	1.10864	1.02540	0.94312		
3872957.00	1.77045	1.68112	1.58973	1.49193	1.38210
1.27096	1.16364	1.06189	0.96661		
3872907.00	1.99479	1.87778	1.74869	1.61056	1.47037
1.33793	1.20970	1.09146	0.98021		
3872857.00	2.24797	2.08390	1.90873	1.73301	1.55801
1.39402	1.24304	1.10412	0.97819		
3872807.00	2.54402	2.31246	2.07394	1.84221	1.63021
1.43518	1.25811	1.10108	0.96344		
3872757.00	2.86727	2.54722	2.23299	1.94178	1.67923
1.44934	1.25093	1.08294	0.93942		
3872707.00	3.24104	2.78316	2.36664	2.00623	1.69873
1.44475	1.23213	1.05738	0.91449		
3872657.00	3.61277	2.98208	2.46374	2.03671	1.69560
1.42411	1.20941	1.03674	0.89907		
3872607.00	3.96298	3.13314	2.51081	2.04230	1.68448
1.40968	1.19694	1.03123	0.90068		
3872557.00	4.21943	3.22950	2.54017	2.04548	1.68257
1.41197	1.20666	1.04798	0.92204		

▲ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*  
\*\*\* 09/09/20

\*\*\* AERMET - VERSION 14134 \*\*\* \*\*  
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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: 1001C \*\*\*

INCLUDING SOURCE(S): 1001C ,

\*\*\* NETWORK ID: BORON ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD (METERS)	441307.60	441357.60	441407.60	X-COORD (METERS) 441457.60
3874057.00	0.26691	0.26666	0.26629	0.26546
3874007.00	0.28110	0.28072	0.27983	0.27806
3873957.00	0.29637	0.29567	0.29441	0.29208
3873907.00	0.31300	0.31204	0.31002	0.30702
3873857.00	0.33164	0.32970	0.32690	0.32296
3873807.00	0.35141	0.34875	0.34516	0.33997
3873757.00	0.37292	0.36966	0.36472	0.35813
3873707.00	0.39684	0.39201	0.38550	0.37800
3873657.00	0.42261	0.41624	0.40826	0.39882
3873607.00	0.45050	0.44264	0.43283	0.42178
3873557.00	0.48122	0.47076	0.45929	0.44648
3873507.00	0.51360	0.50124	0.48694	0.47265
3873457.00	0.54894	0.53364	0.51669	0.49962
3873407.00	0.58642	0.56769	0.54777	0.52786
3873357.00	0.62566	0.60307	0.57953	0.55561
3873307.00	0.66597	0.63856	0.61052	0.58232
3873257.00	0.70567	0.67252	0.63915	0.60666
3873207.00	0.74523	0.70589	0.66694	0.62874
3873157.00	0.78136	0.73542	0.69004	0.64559
3873107.00	0.81403	0.76111	0.70785	0.65736
3873057.00	0.84438	0.77988	0.71952	0.66080
3873007.00	0.86491	0.79228	0.72256	0.65735
3872957.00	0.87823	0.79381	0.71686	0.64445
3872907.00	0.87763	0.78467	0.70075	0.62498
3872857.00	0.86649	0.76638	0.67856	0.60268
3872807.00	0.84417	0.74185	0.65552	0.58176
3872757.00	0.81903	0.71895	0.63575	0.56648
3872707.00	0.79790	0.70278	0.62478	0.56043
3872657.00	0.78867	0.69941	0.62645	0.56606
3872607.00	0.79654	0.71166	0.64165	0.58296
3872557.00	0.82038	0.73686	0.66707	0.60792

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1001C \*\*\*

INCLUDING SOURCE(S): 1001C ,



\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)
Y-COORD (M)	CONC		
439914.00	3872794.00	2.62048	436263.00
3873356.00	0.04905		
435903.00	3873538.00	0.04910	435899.00
3873948.00	0.05112		
442261.30	3871403.00	0.16765	442263.60
3871503.00	0.17538		
442265.80	3871603.00	0.16739	442268.00
3871703.00	0.15243		
442270.30	3871803.00	0.15032	442272.50
3871903.00	0.15944		
442274.70	3872003.00	0.16846	442276.90
3872103.00	0.18318		
442279.20	3872203.00	0.20859	442281.40
3872303.00	0.23127		
442283.60	3872403.00	0.23571	442284.20
3872428.00	0.23402		
442184.30	3872431.00	0.25428	442084.30
3872435.00	0.28171		
441984.40	3872438.00	0.31419	441884.40
3872441.00	0.35323		
441784.50	3872445.00	0.40021	441684.50
3872448.00	0.45853		
441584.60	3872451.00	0.53123	441487.60
3872455.00	0.62164		
441485.00	3872355.00	0.61896	441482.40
3872255.00	0.56172		
441482.30	3872248.00	0.55670	441382.30
3872252.00	0.66230		
441283.60	3872255.00	0.80247	441281.30
3872155.00	0.71118		
441279.00	3872055.00	0.66404	441276.70
3871955.00	0.62087		
441274.30	3871855.00	0.54825	441274.10
3871844.00	0.53899		
441174.10	3871847.00	0.57051	441074.20
3871850.00	0.58878		
440974.20	3871853.00	0.60785	440874.30
3871856.00	0.63243		
440774.30	3871859.00	0.71215	440676.30

3871862.00	0.82875			
440674.00	3871762.00	0.59707		440671.70
3871662.00	0.48098			
440669.30	3871562.00	0.40474		440667.00
3871463.00	0.33457			
440666.80	3871450.00	0.32681		440766.70
3871447.00	0.28884			
440866.70	3871444.00	0.23236		440966.60
3871441.00	0.20030			
441066.60	3871438.00	0.19445		441166.50
3871435.00	0.20056			
441266.50	3871432.00	0.21454		441366.40
3871429.00	0.22691			
441466.40	3871426.00	0.22684		441566.40
3871423.00	0.22583			
441666.30	3871420.00	0.22354		441766.30
3871417.00	0.22483			
441866.20	3871415.00	0.22037		441966.20
3871412.00	0.20246			
442066.10	3871409.00	0.19070		442166.10
3871406.00	0.17655			
440693.20	3872567.00	11.53168		440695.70
3872667.00	5.84364			
440696.30	3872690.00	5.23481		440596.30
3872692.00	6.55007			
440496.30	3872695.00	7.17118		440495.40
3872695.00	7.17505			
440496.80	3872723.00	6.19914		440396.80
3872722.00	6.39764			
440296.80	3872722.00	6.22260		440196.80
3872721.00	5.84517			
440096.80	3872720.00	5.20163		439996.80
3872720.00	4.33439			
439896.80	3872719.00	3.38608		439887.70
3872719.00	3.28341			
439885.90	3872619.00	5.64435		439885.10
3872574.00	8.14640			
439985.10	3872573.00	13.86817		440085.10
3872572.00	16.68981			
440185.10	3872571.00	17.75880		440285.10
3872570.00	18.21251			

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION

VALUES FOR SOURCE GROUP: 1001C

\*\*\*

INCLUDING SOURCE(S): 1001C ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)
Y-COORD (M)	CONC		
440385.10	3872570.00	18.02403	440485.10
3872569.00	17.90984		
440585.10	3872568.00	16.67763	440685.10
3872567.00	12.12975		
440685.70	3872275.00	9.68709	440688.30
3872375.00	24.40738		
440690.80	3872475.00	23.96604	440692.00
3872520.00	20.62723		
440592.00	3872522.00	30.96155	440492.00
3872523.00	32.21253		
440392.00	3872525.00	32.19646	440292.00
3872526.00	31.85200		
440192.10	3872528.00	31.18449	440092.10
3872529.00	30.02433		
439992.10	3872531.00	26.50650	439892.10
3872532.00	15.33391		
439884.50	3872532.00	13.60928	439883.00
3872432.00	17.10002		
439881.50	3872332.00	14.66991	439880.80
3872278.00	7.98992		
439980.80	3872278.00	13.26186	440080.80
3872277.00	14.61422		
440180.80	3872277.00	15.86176	440280.80
3872277.00	16.27319		
440380.80	3872276.00	16.18069	440480.80
3872276.00	15.96480		
440580.80	3872275.00	14.62668	440680.80
3872275.00	10.11218		
437456.80	3871498.00	0.05419	437556.80
3871496.00	0.05932		
437656.80	3871495.00	0.06554	437756.80
3871494.00	0.07331		
437856.80	3871492.00	0.08304	437956.80
3871491.00	0.09484		
438056.80	3871490.00	0.10893	438156.80
3871488.00	0.12533		
438256.80	3871487.00	0.14314	438356.80

3871486.00	0.16138			
	438456.70	3871484.00	0.17865	438556.70
3871483.00	0.19367			
	438656.70	3871482.00	0.20576	438756.70
3871480.00	0.21389			
	438856.70	3871479.00	0.21891	438956.70
3871478.00	0.21919			
	439056.70	3871476.00	0.21943	439156.70
3871475.00	0.22973			
	439256.70	3871474.00	0.24604	439356.70
3871472.00	0.26038			
	439456.60	3871471.00	0.26996	439556.60
3871470.00	0.27382			
	439656.60	3871468.00	0.28390	439756.60
3871467.00	0.30361			
	439856.60	3871466.00	0.31876	439877.70
3871465.00	0.32140			
	439879.30	3871565.00	0.38683	439880.80
3871665.00	0.46519			
	439882.40	3871765.00	0.58338	439884.00
3871865.00	0.79046			
	439885.60	3871965.00	1.14908	439887.10
3872065.00	1.67307			
	439888.70	3872165.00	2.73048	439890.30
3872265.00	7.05724			
	439891.90	3872365.00	18.85692	439893.40
3872465.00	19.97226			
	439895.00	3872565.00	9.84176	439896.60
3872665.00	4.43240			
	439898.20	3872765.00	2.79993	439899.80
3872865.00	2.01764			
	439901.30	3872965.00	1.56817	439902.90
3873065.00	1.27287			
	439903.70	3873112.00	1.16331	439803.70
3873113.00	0.97144			
	439703.70	3873114.00	0.75993	439603.70
3873115.00	0.59290			
	439503.70	3873116.00	0.46629	439403.70
3873117.00	0.37028			
	439303.70	3873118.00	0.29835	439203.70
3873120.00	0.24851			
	439103.70	3873121.00	0.21487	439003.70
3873122.00	0.19310			

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1001C \*\*\*  
 INCLUDING SOURCE(S): 1001C ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)
Y-COORD (M)	CONC		
438903.70	3873123.00	0.18036	438803.70
3873124.00	0.17292		
438703.70	3873125.00	0.16893	438603.70
3873126.00	0.16713		
438503.80	3873127.00	0.16552	438403.80
3873128.00	0.16346		
438303.80	3873129.00	0.15988	438203.80
3873130.00	0.15524		
438103.80	3873131.00	0.14929	438003.80
3873132.00	0.14227		
437903.80	3873133.00	0.13450	437803.80
3873134.00	0.12623		
437703.80	3873135.00	0.11772	437603.80
3873137.00	0.10847		
437503.80	3873138.00	0.10016	437449.40
3873138.00	0.09567		
437449.80	3873038.00	0.08140	437450.30
3872938.00	0.07070		
437450.80	3872838.00	0.06938	437451.20
3872738.00	0.07887		
437451.70	3872638.00	0.09613	437452.10
3872538.00	0.11395		
437452.60	3872438.00	0.12376	437453.00
3872338.00	0.12068		
437453.50	3872238.00	0.11286	437453.90
3872138.00	0.10689		
437454.40	3872038.00	0.10324	437454.80
3871938.00	0.09495		
437455.30	3871838.00	0.08050	437455.70
3871738.00	0.06586		
437456.20	3871638.00	0.05658	437456.60
3871538.00	0.05379		
435800.90	3871509.00	0.03689	435900.90
3871509.00	0.03706		
436000.90	3871509.00	0.03723	436100.90

3871509.00	0.03722			
	436200.90	3871509.00	0.03740	436300.90
3871509.00	0.03761			
	436400.90	3871509.00	0.03787	436500.90
3871509.00	0.03821			
	436600.90	3871509.00	0.03867	436700.90
3871509.00	0.03924			
	436800.90	3871509.00	0.04001	436900.90
3871509.00	0.04099			
	437000.90	3871509.00	0.04232	437100.90
3871509.00	0.04399			
	437200.90	3871510.00	0.04611	437300.90
3871510.00	0.04858			
	437400.90	3871510.00	0.05187	437448.90
3871510.00	0.05368			
	437448.90	3871610.00	0.05502	437448.90
3871710.00	0.06249			
	437448.90	3871810.00	0.07586	437448.90
3871910.00	0.09111			
	437448.90	3872010.00	0.10139	437448.90
3872110.00	0.10558			
	437448.90	3872210.00	0.11047	437448.90
3872310.00	0.11826			
	437448.90	3872410.00	0.12375	437448.90
3872510.00	0.11748			
	437448.90	3872610.00	0.10144	437449.00
3872710.00	0.08296			
	437449.00	3872810.00	0.07090	437449.00
3872910.00	0.06920			
	437449.00	3873010.00	0.07771	437449.00
3873110.00	0.09177			
	437449.00	3873210.00	0.10235	437449.00
3873211.00	0.10242			
	437349.00	3873212.00	0.09530	437249.00
3873213.00	0.08857			
	437149.00	3873215.00	0.08167	437049.00
3873216.00	0.07486			
	436949.00	3873217.00	0.06889	436849.00
3873218.00	0.06345			
	436749.10	3873220.00	0.05858	436649.10
3873221.00	0.05383			
	436549.10	3873222.00	0.04964	436449.10
3873224.00	0.04604			
	436349.10	3873225.00	0.04285	436249.10
3873226.00	0.04015			

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^ *** AERMOD - VERSION 19191 ***   ***
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*** AERMET - VERSION 14134 ***   ***
                                     ***   22:25:03

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1001C \*\*\*

INCLUDING SOURCE(S): 1001C ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)
Y-COORD (M)	CONC		
436149.10	3873228.00	0.03779	436049.10
3873229.00	0.03583		
435949.10	3873230.00	0.03411	435849.10
3873232.00	0.03263		
435835.80	3873232.00	0.03245	435833.70
3873132.00	0.03240		
435831.70	3873032.00	0.03411	435829.70
3872932.00	0.03722		
435827.70	3872832.00	0.04209	435825.60
3872732.00	0.04843		
435823.60	3872632.00	0.05502	435821.60
3872532.00	0.05944		
435819.60	3872432.00	0.06044	435817.50
3872332.00	0.05850		
435815.50	3872232.00	0.05454	435813.50
3872132.00	0.05076		
435811.50	3872032.00	0.04838	435809.40
3871932.00	0.04799		
435807.40	3871832.00	0.04823	435805.40
3871732.00	0.04725		
435803.40	3871632.00	0.04370	435801.40
3871532.00	0.03824		
435809.00	3873839.00	0.05334	435714.00
3873870.00	0.05182		
435619.00	3873902.00	0.05031	435524.10
3873933.00	0.04849		
435484.00	3873946.00	0.04788	435384.10
3873949.00	0.04708		
435284.10	3873952.00	0.04616	435184.20
3873956.00	0.04497		
435084.20	3873959.00	0.04377	434984.30
3873962.00	0.04257		
434884.30	3873965.00	0.04129	434784.30

3873968.00	0.03992			
434684.40	3873971.00	0.03845		434626.00
3873973.00	0.03759			
434568.80	3873891.00	0.03388		434511.60
3873809.00	0.02947			
434511.00	3873808.00	0.02942		434416.00
3873777.00	0.02666			
434404.00	3873773.00	0.02634		434346.10
3873855.00	0.02857			
434288.20	3873936.00	0.03077		434279.00
3873949.00	0.03111			
434180.20	3873964.00	0.03003		434081.30
3873980.00	0.02900			
434026.00	3873988.00	0.02842		433926.00
3873987.00	0.02688			
433826.00	3873985.00	0.02539		433726.00
3873984.00	0.02405			
433626.00	3873982.00	0.02276		433526.10
3873981.00	0.02159			
433426.10	3873980.00	0.02054		433326.10
3873978.00	0.01955			
433226.10	3873977.00	0.01868		433126.10
3873975.00	0.01788			
433026.10	3873974.00	0.01719		432967.00
3873973.00	0.01682			
432867.60	3873963.00	0.01617		432770.00
3873952.00	0.01565			
432681.60	3873905.00	0.01519		432679.00
3873904.00	0.01518			
432681.20	3873804.00	0.01514		432683.40
3873704.00	0.01538			
432685.70	3873604.00	0.01572		432687.90
3873504.00	0.01607			
432690.10	3873404.00	0.01650		432691.00
3873364.00	0.01671			
432791.00	3873364.00	0.01692		432891.00
3873364.00	0.01715			
432991.00	3873364.00	0.01738		433091.00
3873364.00	0.01762			
433191.00	3873364.00	0.01787		433291.00
3873364.00	0.01812			
433391.00	3873364.00	0.01838		433491.00
3873364.00	0.01868			
433591.00	3873364.00	0.01897		433691.00
3873364.00	0.01926			
433791.00	3873364.00	0.01957		433891.00
3873365.00	0.01987			

▲ \*\*\* AERMOD - VERSION 19191 \*\*\*

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\*\*\* AERMET - VERSION 14134 \*\*\*

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: 1001C \*\*\*

INCLUDING SOURCE(S): 1001C ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)
Y-COORD (M)	CONC		
433991.00	3873365.00	0.02019	434091.00
3873365.00	0.02052		
434191.00	3873365.00	0.02088	434291.00
3873365.00	0.02125		
434391.00	3873365.00	0.02166	434491.00
3873365.00	0.02206		
434591.00	3873365.00	0.02250	434691.00
3873365.00	0.02298		
434791.00	3873365.00	0.02352	434891.00
3873365.00	0.02412		
434991.00	3873365.00	0.02476	435091.00
3873365.00	0.02555		
435191.00	3873365.00	0.02644	435291.00
3873365.00	0.02742		
435391.00	3873365.00	0.02853	435491.00
3873365.00	0.02988		
435591.00	3873365.00	0.03148	435691.00
3873365.00	0.03325		
435791.00	3873365.00	0.03530	435836.00
3873365.00	0.03633		
435830.30	3873465.00	0.04201	435824.60
3873565.00	0.04836		
435818.90	3873665.00	0.05287	435813.30
3873764.00	0.05414		
433343.00	3874839.00	0.02635	433243.10
3874835.00	0.02622		
433143.20	3874831.00	0.02614	433043.30
3874827.00	0.02609		
432943.30	3874823.00	0.02607	432843.40
3874819.00	0.02604		
432809.00	3874817.00	0.02604	432808.50

3874717.00	0.02708			
	432807.90	3874617.00	0.02749	432807.40
3874517.00	0.02692			
	432807.00	3874449.00	0.02592	432707.00
3874448.00	0.02499			
	432675.00	3874448.00	0.02469	432675.30
3874348.00	0.02235			
	432675.70	3874248.00	0.01985	432676.00
3874164.00	0.01799			
	432754.00	3874129.00	0.01790	432853.50
3874119.00	0.01846			
	432953.00	3874109.00	0.01908	432999.00
3874104.00	0.01938			
	433099.00	3874105.00	0.02036	433199.00
3874105.00	0.02142			
	433299.00	3874106.00	0.02258	433399.00
3874106.00	0.02375			
	433499.00	3874107.00	0.02503	433599.00
3874107.00	0.02635			
	433699.00	3874108.00	0.02773	433799.00
3874108.00	0.02912			
	433899.00	3874109.00	0.03052	433999.00
3874109.00	0.03190			
	434099.00	3874110.00	0.03328	434169.00
3874110.00	0.03420			
	434176.00	3874210.00	0.03543	434183.00
3874310.00	0.03502			
	434190.00	3874409.00	0.03364	434197.00
3874509.00	0.03207			
	434204.00	3874609.00	0.03091	434211.00
3874709.00	0.03012			
	434217.90	3874808.00	0.02940	434218.00
3874809.00	0.02939			
	434118.10	3874813.00	0.02905	434018.10
3874816.00	0.02868			
	433918.20	3874819.00	0.02828	433818.20
3874823.00	0.02786			
	433718.30	3874826.00	0.02749	433618.30
3874830.00	0.02712			
	433518.40	3874833.00	0.02680	433418.50
3874837.00	0.02651			

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^ *** AERMOD - VERSION 19191 *** ***
***                               *** 09/09/20
*** AERMET - VERSION 14134 *** ***
***                               *** 22:25:03

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION

VALUES FOR SOURCE GROUP: 1002

\*\*\*

INCLUDING SOURCE(S): 1002 ,

\*\*\* NETWORK ID: COURSE ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD (METERS)				X-COORD (METERS)	
	430733.00	431233.00	431733.00	432233.00	432733.00
433233.00	433733.00	434233.00	434733.00		

3879761.00	0.01451	0.01481	0.01815	0.02061	0.02394
0.02771	0.03141	0.03455	0.03848		
3879261.00	0.01389	0.01572	0.01755	0.01976	0.02300
0.02695	0.03146	0.03486	0.03915		
3878761.00	0.01368	0.01508	0.01680	0.01898	0.02198
0.02598	0.03042	0.03504	0.03956		
3878261.00	0.01397	0.01502	0.01653	0.01837	0.02098
0.02475	0.02965	0.03485	0.03990		
3877761.00	0.01426	0.01522	0.01641	0.01808	0.02033
0.02355	0.02836	0.03417	0.03990		
3877261.00	0.01411	0.01530	0.01653	0.01799	0.02001
0.02283	0.02690	0.03280	0.03970		
3876761.00	0.01425	0.01525	0.01651	0.01803	0.01992
0.02238	0.02599	0.03118	0.03834		
3876261.00	0.01561	0.01614	0.01696	0.01818	0.01995
0.02230	0.02536	0.02999	0.03678		
3875761.00	0.01827	0.01843	0.01885	0.01961	0.02070
0.02258	0.02539	0.02903	0.03528		
3875261.00	0.02145	0.02198	0.02245	0.02290	0.02359
0.02455	0.02645	0.02954	0.03428		
3874761.00	0.02192	0.02389	0.02567	0.02715	0.02826
0.02947	0.03068	0.03249	0.03628		
3874261.00	0.01998	0.02228	0.02493	0.02761	0.03057
0.03335	0.03645	0.03957	0.04306		
3873761.00	0.01781	0.02005	0.02269	0.02574	0.02921
0.03309	0.03741	0.04261	0.04900		
3873261.00	0.01866	0.02039	0.02251	0.02530	0.02897
0.03350	0.03903	0.04572	0.05371		
3872761.00	0.02166	0.02334	0.02532	0.02761	0.03068
0.03477	0.04039	0.04825	0.05932		
3872261.00	0.02282	0.02475	0.02701	0.02980	0.03315
0.03722	0.04223	0.04887	0.05787		
3871761.00	0.02221	0.02420	0.02642	0.02882	0.03187
0.03543	0.03971	0.04565	0.05440		
3871261.00	0.01878	0.02004	0.02149	0.02298	0.02500

0.02764	0.03126	0.03697	0.04540		
3870761.00	0.01558	0.01638	0.01756	0.01882	0.02070
0.02348	0.02751	0.03322	0.04105		
3870261.00	0.01253	0.01330	0.01446	0.01634	0.01890
0.02280	0.02753	0.03358	0.04049		
3869761.00	0.01106	0.01257	0.01484	0.01753	0.02079
0.02502	0.02922	0.03318	0.03702		
3869261.00	0.01212	0.01429	0.01686	0.02009	0.02246
0.02525	0.02740	0.02882	0.03128		
3868761.00	0.01417	0.01614	0.01833	0.02026	0.02178
0.02264	0.02327	0.02438	0.02667		
3868261.00	0.01542	0.01690	0.01813	0.01884	0.01904
0.01915	0.01959	0.02116	0.02429		
3867761.00	0.01558	0.01617	0.01638	0.01631	0.01611
0.01617	0.01724	0.01966	0.02281		
3867261.00	0.01446	0.01447	0.01422	0.01381	0.01368
0.01442	0.01630	0.01907	0.02108		
3866761.00	0.01292	0.01261	0.01225	0.01195	0.01234
0.01379	0.01611	0.01823	0.01584		
3866261.00	0.01093	0.01075	0.01053	0.01078	0.01186
0.01380	0.01599	0.01601	0.00983		
3865761.00	0.00925	0.00932	0.00951	0.01033	0.01193
0.01396	0.01508	0.01068	0.00634		
3865261.00	0.00827	0.00840	0.00910	0.01048	0.01225
0.01392	0.01238	0.00770	0.00468		
3864761.00	0.00746	0.00810	0.00926	0.01084	0.01244
0.01304	0.01010	0.00628	0.00453		

^ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*  
                               \*\*\*             09/09/20  
 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*  
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1002 \*\*\*

INCLUDING SOURCE(S): 1002 ,

\*\*\* NETWORK ID: COURSE ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD (METERS)					X-COORD (METERS)
	435233.00	435733.00	436233.00	436733.00	437233.00
437733.00	438233.00	438733.00	439233.00		

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3879761.00		0.04126	0.04364	0.04726	0.05342	0.05475
0.05284		0.04778	0.04186	0.03433		
3879261.00		0.04325	0.04617	0.04400	0.04473	0.04499
0.05628		0.04913	0.04718	0.03755		
3878761.00		0.04512	0.04802	0.04615	0.05440	0.05493
0.05845		0.05756	0.05267	0.04086		
3878261.00		0.04671	0.05263	0.05172	0.06500	0.06733
0.06710		0.06464	0.06095	0.04865		
3877761.00		0.04626	0.05406	0.06039	0.06043	0.06419
0.06582		0.07290	0.06941	0.05662		
3877261.00		0.04666	0.05550	0.06398	0.07381	0.08330
0.08661		0.08277	0.07855	0.06615		
3876761.00		0.04640	0.05618	0.06751	0.07932	0.09463
0.09718		0.09484	0.09013	0.07685		
3876261.00		0.04590	0.05646	0.07011	0.08450	0.10459
0.10882		0.10950	0.10486	0.08482		
3875761.00		0.04439	0.05632	0.07162	0.09051	0.11515
0.12422		0.13137	0.12335	0.08882		
3875261.00		0.04272	0.05557	0.07339	0.09664	0.12882
0.14563		0.15840	0.14947	0.11487		
3874761.00		0.04279	0.05466	0.07417	0.10305	0.14503
0.17445		0.19798	0.20166	0.13694		
3874261.00		0.04835	0.05824	0.07646	0.11098	0.16910
0.22208		0.25722	0.28643	0.26067		
3873761.00		0.05730	0.06896	0.08813	0.12769	0.21683
0.33183		0.40892	0.45813	0.46471		
3873261.00		0.06436	0.07937	0.10468	0.15935	0.32318
0.89482		1.11753	1.17480	1.16031		
3872761.00		0.07493	0.09745	0.13296	0.20733	0.49677
3.02089		3.50711	3.55201	3.60768		
3872261.00		0.07162	0.09442	0.13561	0.22015	0.51590
3.34771		4.00046	3.62433	2.99489		
3871761.00		0.06797	0.09013	0.12728	0.20213	0.43655
3.34749		2.36178	2.02897	1.78771		
3871261.00		0.05782	0.07540	0.10146	0.14845	0.22932
0.33230		0.32893	0.34069	0.25314		
3870761.00		0.05123	0.06547	0.08567	0.10961	0.11730
0.13853		0.11330	0.11007	0.11542		
3870261.00		0.04847	0.05799	0.06946	0.07978	0.08277
0.08579		0.07406	0.05830	0.05716		
3869761.00		0.04162	0.04812	0.05490	0.05604	0.05431
0.04114		0.03758	0.03897	0.03825		
3869261.00		0.03505	0.04016	0.04265	0.03804	0.03038
0.01990		0.01783	0.02658	0.02527		
3868761.00		0.03068	0.03401	0.03222	0.02405	0.01870
0.01591		0.01399	0.01712	0.01753		
3868261.00		0.02759	0.02671	0.02097	0.01491	0.01174
0.00932		0.00872	0.01147	0.01272		
3867761.00		0.02403	0.01764	0.01230	0.00983	0.00821

0.00686	0.00760	0.00940	0.00992		
3867261.00	0.01800	0.01201	0.00866	0.00737	0.00607
0.00596	0.00666	0.00808	0.00779		
3866761.00	0.01011	0.00730	0.00596	0.00573	0.00527
0.00602	0.00672	0.00689	0.00640		
3866261.00	0.00702	0.00544	0.00482	0.00515	0.00526
0.00544	0.00600	0.00588	0.00544		
3865761.00	0.00475	0.00441	0.00452	0.00483	0.00497
0.00505	0.00529	0.00497	0.00474		
3865261.00	0.00423	0.00408	0.00437	0.00466	0.00481
0.00500	0.00508	0.00465	0.00424		
3864761.00	0.00392	0.00393	0.00429	0.00437	0.00466
0.00485	0.00483	0.00431	0.00397		

^ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*  
 \*\*\* 09/09/20  
 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*  
 \*\*\* 22:25:03

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1002 \*\*\*

INCLUDING SOURCE(S): 1002 ,

\*\*\* NETWORK ID: COURSE ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD (METERS)	X-COORD (METERS)				
	439733.00	440233.00	440733.00	441233.00	441733.00
442233.00	442733.00	443233.00	443733.00		

3879761.00	0.02786	0.02312	0.02035	0.01725	0.01566
0.01348	0.01119	0.01007	0.01175		
3879261.00	0.03048	0.02519	0.02238	0.01911	0.01769
0.01506	0.01264	0.01308	0.01331		
3878761.00	0.03439	0.02899	0.02583	0.02248	0.02054
0.01801	0.01488	0.01383	0.01510		
3878261.00	0.03942	0.03431	0.03048	0.02591	0.02371
0.02175	0.01927	0.01665	0.01696		
3877761.00	0.04520	0.03811	0.03177	0.03040	0.02930
0.02629	0.02322	0.02057	0.01952		
3877261.00	0.05177	0.04720	0.04014	0.03678	0.03559
0.03279	0.02886	0.02537	0.02341		
3876761.00	0.05923	0.04888	0.04860	0.04572	0.04279

0.03909	0.03477	0.03116	0.02850			
3876261.00		0.06595	0.06601	0.05924	0.05109	0.04168
0.04344	0.04162	0.03745	0.03435			
3875761.00		0.08787	0.08419	0.07202	0.04613	0.04399
0.05039	0.04995	0.04440	0.03977			
3875261.00		0.09031	0.10639	0.09341	0.08358	0.07226
0.06503	0.05726	0.04875	0.04029			
3874761.00		0.10421	0.14163	0.12430	0.10891	0.09034
0.07415	0.05948	0.04685	0.03599			
3874261.00		0.23889	0.19733	0.16509	0.13137	0.09974
0.07432	0.05524	0.04103	0.03084			
3873761.00		0.39280	0.29287	0.21172	0.14387	0.09797
0.06852	0.04889	0.03639	0.02850			
3873261.00		0.98812	0.46282	0.24430	0.14669	0.09552
0.06542	0.04782	0.03754	0.03108			
3872761.00		3.67957	0.58937	0.26373	0.15061	0.09708
0.06953	0.05399	0.04380	0.03643			
3872261.00		2.34418	0.52116	0.23885	0.13957	0.09392
0.06862	0.05445	0.04433	0.03690			
3871761.00		1.56891	0.33810	0.18310	0.12429	0.08850
0.06452	0.04898	0.03963	0.03316			
3871261.00		0.20592	0.14628	0.11233	0.08735	0.06978
0.05303	0.04006	0.03183	0.02665			
3870761.00		0.09067	0.06688	0.06286	0.05756	0.04461
0.04204	0.03364	0.02554	0.02195			
3870261.00		0.06497	0.03795	0.03642	0.03501	0.02930
0.02220	0.02202	0.02175	0.01928			
3869761.00		0.03545	0.03138	0.02140	0.01855	0.01759
0.01681	0.01291	0.01595	0.01442			
3869261.00		0.02363	0.02170	0.01552	0.01155	0.01002
0.00985	0.01042	0.01167	0.01050			
3868761.00		0.01674	0.01654	0.01354	0.00903	0.00668
0.00670	0.00713	0.00824	0.00800			
3868261.00		0.01273	0.01321	0.01115	0.00977	0.00773
0.00620	0.00584	0.00662	0.00732			
3867761.00		0.00941	0.01015	0.00886	0.00805	0.00772
0.00707	0.00618	0.00538	0.00632			
3867261.00		0.00745	0.00788	0.00719	0.00660	0.00623
0.00628	0.00596	0.00563	0.00508			
3866761.00		0.00604	0.00574	0.00548	0.00523	0.00503
0.00507	0.00514	0.00482	0.00457			
3866261.00		0.00493	0.00439	0.00421	0.00428	0.00418
0.00415	0.00432	0.00418	0.00414			
3865761.00		0.00437	0.00390	0.00350	0.00356	0.00350
0.00344	0.00362	0.00360	0.00355			
3865261.00		0.00399	0.00360	0.00319	0.00308	0.00309
0.00306	0.00302	0.00318	0.00315			
3864761.00		0.00376	0.00339	0.00302	0.00280	0.00279
0.00276	0.00270	0.00281	0.00285			

▲ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*\*

\*\*\* 09/09/20  
 \*\*\* AERMET - VERSION 14134 \*\*\*  
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1002 \*\*\*

INCLUDING SOURCE(S): 1002 ,

\*\*\* NETWORK ID: COURSE ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD (METERS)	444233.00	444733.00	445233.00	X-COORD (METERS) 445733.00
3879761.00	0.01106	0.01125	0.01128	0.01140
3879261.00	0.01261	0.01264	0.01272	0.01260
3878761.00	0.01440	0.01424	0.01408	0.01413
3878261.00	0.01625	0.01631	0.01609	0.01611
3877761.00	0.01890	0.01906	0.01857	0.01823
3877261.00	0.02239	0.02274	0.02167	0.02049
3876761.00	0.02726	0.02647	0.02407	0.02179
3876261.00	0.03189	0.02923	0.02364	0.02090
3875761.00	0.03439	0.02752	0.02231	0.01857
3875261.00	0.03191	0.02533	0.01987	0.01601
3874761.00	0.02766	0.02166	0.01748	0.01461
3874261.00	0.02396	0.01954	0.01660	0.01456
3873761.00	0.02350	0.02018	0.01776	0.01584
3873261.00	0.02645	0.02297	0.02037	0.01826
3872761.00	0.03105	0.02693	0.02380	0.02128
3872261.00	0.03111	0.02718	0.02464	0.02229
3871761.00	0.02742	0.02458	0.02240	0.02032
3871261.00	0.02238	0.02076	0.01951	0.01797
3870761.00	0.01881	0.01611	0.01500	0.01363
3870261.00	0.01733	0.01527	0.01261	0.01114
3869761.00	0.01515	0.01204	0.00923	0.01005
3869261.00	0.01117	0.01088	0.00897	0.00907
3868761.00	0.00989	0.00882	0.00721	0.00794
3868261.00	0.00789	0.00671	0.00568	0.00506
3867761.00	0.00650	0.00583	0.00457	0.00392
3867261.00	0.00518	0.00510	0.00454	0.00404
3866761.00	0.00441	0.00418	0.00395	0.00379
3866261.00	0.00398	0.00368	0.00329	0.00314





0.08617	0.08873	0.09131	0.09416		
3873557.00		0.07657	0.07835	0.08024	0.08249 0.08493
0.08753	0.09030	0.09288	0.09569		
3873507.00		0.07734	0.07917	0.08115	0.08350 0.08611
0.08881	0.09163	0.09444	0.09731		
3873457.00		0.07812	0.07998	0.08216	0.08461 0.08724
0.08996	0.09276	0.09571	0.09876		
3873407.00		0.07916	0.08117	0.08338	0.08583 0.08835
0.09106	0.09397	0.09692	0.10021		
3873357.00		0.08046	0.08253	0.08482	0.08731 0.08981
0.09244	0.09521	0.09842	0.10177		
3873307.00		0.08209	0.08430	0.08664	0.08912 0.09171
0.09422	0.09690	0.10020	0.10365		
3873257.00		0.08423	0.08623	0.08883	0.09107 0.09399
0.09654	0.09928	0.10264	0.10602		
3873207.00		0.08643	0.08869	0.09119	0.09351 0.09647
0.09916	0.10198	0.10557	0.10946		
3873157.00		0.08880	0.09147	0.09376	0.09635 0.09934
0.10214	0.10566	0.10895	0.11293		

\*\*\* AERMOD - VERSION 19191 \*\*\*  
 \*\*\* 09/09/20  
 \*\*\* AERMET - VERSION 14134 \*\*\*  
 \*\*\* 22:25:03

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1002

INCLUDING SOURCE(S): 1002 ,

\*\*\* NETWORK ID: DESERTL ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD (METERS)		X-COORD (METERS)			
		436300.40	436350.40	436400.40	436450.40 436500.40
436550.40		436600.40	436650.40	436700.40	

3874157.00		0.08129	0.08398	0.08701	0.09053 0.09429
0.09791	0.10165	0.10595	0.11035		
3874107.00		0.08269	0.08528	0.08839	0.09172 0.09534
0.09900	0.10283	0.10701	0.11156		
3874057.00		0.08421	0.08685	0.08976	0.09291 0.09638
0.10017	0.10409	0.10834	0.11299		
3874007.00		0.08530	0.08801	0.09093	0.09409 0.09749

0.10122	0.10528	0.10981	0.11450		
3873957.00		0.08635	0.08921	0.09214	0.09539 0.09882
0.10253	0.10670	0.11131	0.11615		
3873907.00		0.08763	0.09060	0.09359	0.09677 0.10027
0.10406	0.10840	0.11299	0.11799		
3873857.00		0.08898	0.09199	0.09506	0.09836 0.10183
0.10583	0.11006	0.11485	0.11991		
3873807.00		0.09056	0.09346	0.09667	0.10001 0.10369
0.10762	0.11190	0.11670	0.12200		
3873757.00		0.09209	0.09507	0.09832	0.10171 0.10542
0.10940	0.11393	0.11868	0.12416		
3873707.00		0.09370	0.09683	0.10001	0.10362 0.10733
0.11143	0.11596	0.12086	0.12637		
3873657.00		0.09538	0.09857	0.10181	0.10547 0.10930
0.11352	0.11813	0.12311	0.12857		
3873607.00		0.09724	0.10042	0.10387	0.10743 0.11153
0.11590	0.12067	0.12551	0.13108		
3873557.00		0.09890	0.10219	0.10577	0.10965 0.11367
0.11816	0.12302	0.12819	0.13371		
3873507.00		0.10038	0.10400	0.10774	0.11179 0.11606
0.12064	0.12552	0.13099	0.13690		
3873457.00		0.10207	0.10579	0.10958	0.11384 0.11824
0.12305	0.12806	0.13375	0.13996		
3873407.00		0.10369	0.10737	0.11138	0.11575 0.12038
0.12527	0.13054	0.13668	0.14330		
3873357.00		0.10525	0.10914	0.11327	0.11765 0.12245
0.12764	0.13334	0.13972	0.14680		
3873307.00		0.10737	0.11120	0.11534	0.11989 0.12491
0.13019	0.13627	0.14303	0.15045		
3873257.00		0.11016	0.11392	0.11830	0.12322 0.12805
0.13420	0.13997	0.14698	0.15471		
3873207.00		0.11317	0.11734	0.12202	0.12661 0.13240
0.13795	0.14452	0.15151	0.15967		
3873157.00		0.11663	0.12144	0.12590	0.13149 0.13672
0.14283	0.14973	0.15685	0.16543		

▲ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*  
\*\*\* \*\*  
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\*\*\* AERMET - VERSION 14134 \*\*\* \*\*  
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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

VALUES FOR SOURCE GROUP: 1002  
\*\*\* THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION  
\*\*\*  
INCLUDING SOURCE(S): 1002 ,

\*\*\* NETWORK ID: DESERTL ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD  
(METERS)

436750.40 436800.40 436850.40

X-COORD (METERS)

3874157.00	0.11514	0.11982	0.12485
3874107.00	0.11637	0.12137	0.12669
3874057.00	0.11794	0.12310	0.12855
3874007.00	0.11951	0.12489	0.13060
3873957.00	0.12127	0.12682	0.13273
3873907.00	0.12325	0.12896	0.13493
3873857.00	0.12544	0.13118	0.13743
3873807.00	0.12754	0.13361	0.13999
3873757.00	0.12998	0.13608	0.14278
3873707.00	0.13217	0.13876	0.14561
3873657.00	0.13449	0.14125	0.14848
3873607.00	0.13722	0.14398	0.15152
3873557.00	0.14015	0.14728	0.15486
3873507.00	0.14334	0.15056	0.15858
3873457.00	0.14690	0.15446	0.16275
3873407.00	0.15077	0.15869	0.16712
3873357.00	0.15470	0.16309	0.17202
3873307.00	0.15867	0.16707	0.17641
3873257.00	0.16317	0.17184	0.18155
3873207.00	0.16798	0.17700	0.18714
3873157.00	0.17391	0.18340	0.19409

^ \*\*\* AERMOD - VERSION 19191 \*\*\*  
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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION  
 \*\*\*  
 VALUES FOR SOURCE GROUP: 1002

INCLUDING SOURCE(S): 1002 ,

\*\*\* NETWORK ID: BORON ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD  
(METERS)

439957.60 440007.60 440057.60

X-COORD (METERS)

440207.60 440257.60 440307.60 440357.60

3874057.00	0.25634	0.25181	0.24720	0.24225	0.23710
0.23200	0.22700	0.22220	0.21762		
3874007.00	0.26766	0.26265	0.25780	0.25233	0.24663
0.24091	0.23591	0.23074	0.22563		
3873957.00	0.28026	0.27470	0.26928	0.26323	0.25705
0.25097	0.24535	0.23970	0.23418		
3873907.00	0.29384	0.28785	0.28168	0.27512	0.26832
0.26169	0.25537	0.24927	0.24319		
3873857.00	0.30886	0.30193	0.29509	0.28787	0.28045
0.27313	0.26621	0.25931	0.25269		
3873807.00	0.32483	0.31738	0.30956	0.30150	0.29332
0.28529	0.27754	0.27003	0.26256		
3873757.00	0.34276	0.33419	0.32534	0.31622	0.30717
0.29832	0.28980	0.28132	0.27292		
3873707.00	0.36220	0.35257	0.34241	0.33218	0.32214
0.31239	0.30282	0.29318	0.28377		
3873657.00	0.38383	0.37278	0.36108	0.34959	0.33837
0.32742	0.31657	0.30583	0.29504		
3873607.00	0.40792	0.39489	0.38190	0.36866	0.35610
0.34354	0.33112	0.31886	0.30664		
3873557.00	0.43453	0.41971	0.40473	0.38967	0.37528
0.36080	0.34649	0.33255	0.31867		
3873507.00	0.46529	0.44783	0.43039	0.41323	0.39623
0.37940	0.36270	0.34647	0.33083		
3873457.00	0.50072	0.47985	0.45916	0.43900	0.41894
0.39898	0.37944	0.36074	0.34293		
3873407.00	0.54218	0.51679	0.49218	0.46764	0.44330
0.41965	0.39691	0.37512	0.35471		
3873357.00	0.59157	0.56015	0.52950	0.49913	0.46934
0.44089	0.41428	0.38931	0.36617		
3873307.00	0.65238	0.61183	0.57189	0.53313	0.49637
0.46234	0.43105	0.40281	0.37701		
3873257.00	0.72984	0.67347	0.61930	0.56903	0.52332
0.48288	0.44722	0.41575	0.38722		
3873207.00	0.83512	0.74834	0.67056	0.60483	0.55007
0.50348	0.46326	0.42850	0.39801		
3873157.00	0.97572	0.82656	0.71979	0.63998	0.57619
0.52323	0.47953	0.44211	0.40956		
3873107.00	1.12627	0.90285	0.76886	0.67461	0.60233
0.54429	0.49664	0.45626	0.42126		
3873057.00	1.23345	0.96464	0.81127	0.70559	0.62626
0.56384	0.51205	0.46885	0.43179		
3873007.00	1.28528	1.00662	0.84301	0.73041	0.64614
0.57963	0.52514	0.47999	0.44110		
3872957.00	1.31790	1.03653	0.86809	0.74952	0.66164
0.59254	0.53629	0.48836	0.44826		
3872907.00	1.33112	1.05248	0.88440	0.76569	0.67445

0.60301	0.54448	0.49596	0.45442		
3872857.00		1.34198	1.06471	0.89403	0.77533 0.68457
0.61184	0.55201	0.50129	0.45890		
3872807.00		1.34351	1.07009	0.90305	0.78398 0.69057
0.61752	0.55738	0.50587	0.46019		
3872757.00		1.34159	1.07229	0.90478	0.78676 0.69484
0.62149	0.55715	0.50673	0.46329		
3872707.00		1.33871	1.07081	0.90585	0.77959 0.69113
0.61960	0.56008	0.50857	0.46303		
3872657.00		1.30467	1.05271	0.89481	0.77417 0.68733
0.61688	0.55806	0.50760	0.46422		
3872607.00		1.29988	1.04040	0.88189	0.76784 0.68249
0.61639	0.55502	0.50540	0.46203		
3872557.00		1.27208	1.02524	0.87031	0.76229 0.67800
0.60940	0.55188	0.50265	0.45954		

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 \*\*\* AERMET - VERSION 14134 \*\*\*  
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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1002  
 INCLUDING SOURCE(S): 1002 ,

\*\*\* NETWORK ID: BORON ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

Y-COORD (METERS)				X-COORD (METERS)	
		440407.60	440457.60	440507.60	440557.60 440607.60
440657.60		440707.60	440757.60	440807.60	

3874057.00		0.21307	0.20866	0.20421	0.19968 0.19511
0.19054	0.18596	0.18142	0.17684		
3874007.00		0.22079	0.21585	0.21088	0.20599 0.20096
0.19591	0.19095	0.18596	0.18098		
3873957.00		0.22884	0.22336	0.21787	0.21245 0.20692
0.20142	0.19597	0.19054	0.18514		
3873907.00		0.23722	0.23118	0.22512	0.21906 0.21301
0.20701	0.20103	0.19515	0.18926		
3873857.00		0.24592	0.23929	0.23252	0.22590 0.21921
0.21261	0.20611	0.19964	0.19329		
3873807.00		0.25510	0.24764	0.24018	0.23281 0.22549

0.21826	0.21109	0.20405	0.19712		
3873757.00		0.26450	0.25623	0.24794	0.23980 0.23171
0.22375	0.21598	0.20830	0.20075		
3873707.00		0.27426	0.26502	0.25582	0.24682 0.23794
0.22926	0.22064	0.21225	0.20411		
3873657.00		0.28445	0.27397	0.26378	0.25374 0.24399
0.23442	0.22507	0.21595	0.20710		
3873607.00		0.29472	0.28312	0.27169	0.26057 0.24981
0.23935	0.22916	0.21932	0.20985		
3873557.00		0.30517	0.29207	0.27941	0.26718 0.25528
0.24390	0.23290	0.22236	0.21234		
3873507.00		0.31562	0.30092	0.28684	0.27329 0.26036
0.24802	0.23629	0.22513	0.21456		
3873457.00		0.32572	0.30938	0.29380	0.27898 0.26505
0.25185	0.23943	0.22770	0.21664		
3873407.00		0.33546	0.31732	0.30030	0.28434 0.26945
0.25549	0.24242	0.23017	0.21867		
3873357.00		0.34468	0.32483	0.30646	0.28947 0.27371
0.25907	0.24538	0.23258	0.22065		
3873307.00		0.35349	0.33210	0.31240	0.29447 0.27794
0.26265	0.24838	0.23516	0.22280		
3873257.00		0.36200	0.33925	0.31856	0.29962 0.28233
0.26640	0.25167	0.23790	0.22518		
3873207.00		0.37109	0.34698	0.32522	0.30543 0.28707
0.27030	0.25500	0.24087	0.22777		
3873157.00		0.38087	0.35520	0.33208	0.31106 0.29215
0.27484	0.25892	0.24426	0.23072		
3873107.00		0.39026	0.36321	0.33907	0.31728 0.29750
0.27944	0.26289	0.24770	0.23371		
3873057.00		0.39963	0.37125	0.34557	0.32284 0.30225
0.28351	0.26639	0.25072	0.23619		
3873007.00		0.40707	0.37749	0.35124	0.32767 0.30638
0.28705	0.26944	0.25335	0.23858		
3872957.00		0.41357	0.38307	0.35597	0.33169 0.30980
0.28996	0.27154	0.25514	0.24012		
3872907.00		0.41831	0.38682	0.35891	0.33409 0.31175
0.29156	0.27324	0.25657	0.24114		
3872857.00		0.42222	0.38982	0.36140	0.33604 0.31304
0.29170	0.27327	0.25654	0.24130		
3872807.00		0.42308	0.39036	0.36156	0.33589 0.31290
0.29223	0.27359	0.25670	0.24120		
3872757.00		0.42549	0.39122	0.36199	0.33595 0.31264
0.29128	0.27252	0.25557	0.24019		
3872707.00		0.42513	0.39108	0.36158	0.33532 0.31184
0.29079	0.27184	0.25432	0.23857		
3872657.00		0.42370	0.39008	0.36046	0.33409 0.31055
0.28946	0.27047	0.25331	0.23775		
3872607.00		0.42338	0.38894	0.35886	0.33249 0.30895
0.28786	0.26889	0.25174	0.23573		
3872557.00		0.42142	0.38626	0.35672	0.33009 0.30670

0.28569 0.26679 0.24974 0.23402

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\*\*\* AERMET - VERSION 14134 \*\*\* \*\*

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\*\*\* MODELOPTs: RegDFault CONC ELEV FLGPOL RURAL

\*\*\* THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: 1002 \*\*\*

INCLUDING SOURCE(S): 1002 ,

\*\*\* NETWORK ID: BORON ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD (METERS)	440857.60	440907.60	440957.60	441007.60	441057.60
441107.60	441157.60	441207.60	441257.60		

3874057.00	0.17229	0.16769	0.16314	0.15858	0.15408
0.14965	0.14524	0.14086	0.13654		
3874007.00	0.17605	0.17114	0.16615	0.16130	0.15647
0.15172	0.14701	0.14237	0.13779		
3873957.00	0.17980	0.17444	0.16912	0.16388	0.15870
0.15362	0.14861	0.14367	0.13883		
3873907.00	0.18345	0.17770	0.17197	0.16630	0.16075
0.15531	0.14998	0.14476	0.13967		
3873857.00	0.18699	0.18076	0.17459	0.16852	0.16259
0.15679	0.15113	0.14563	0.14032		
3873807.00	0.19027	0.18354	0.17695	0.17048	0.16417
0.15802	0.15207	0.14632	0.14078		
3873757.00	0.19335	0.18607	0.17902	0.17217	0.16549
0.15902	0.15280	0.14683	0.14111		
3873707.00	0.19613	0.18839	0.18087	0.17359	0.16657
0.15984	0.15337	0.14721	0.14133		
3873657.00	0.19859	0.19037	0.18242	0.17478	0.16747
0.16049	0.15382	0.14748	0.14146		
3873607.00	0.20080	0.19211	0.18377	0.17581	0.16823
0.16102	0.15418	0.14770	0.14152		
3873557.00	0.20276	0.19364	0.18496	0.17670	0.16885
0.16145	0.15446	0.14782	0.14156		
3873507.00	0.20454	0.19503	0.18604	0.17745	0.16942
0.16187	0.15474	0.14799	0.14162		
3873457.00	0.20620	0.19637	0.18706	0.17828	0.17004



0.16236	0.15507	0.14819	0.14173		
3873407.00		0.20782	0.19763	0.18811	0.17912 0.17072
0.16286	0.15549	0.14852	0.14195		
3873357.00		0.20950	0.19906	0.18927	0.18010 0.17153
0.16349	0.15601	0.14893	0.14229		
3873307.00		0.21132	0.20058	0.19059	0.18122 0.17251
0.16433	0.15669	0.14951	0.14280		
3873257.00		0.21333	0.20231	0.19209	0.18259 0.17368
0.16537	0.15759	0.15031	0.14345		
3873207.00		0.21564	0.20438	0.19392	0.18420 0.17496
0.16648	0.15861	0.15124	0.14421		
3873157.00		0.21821	0.20663	0.19577	0.18569 0.17645
0.16785	0.15982	0.15231	0.14511		
3873107.00		0.22054	0.20866	0.19765	0.18748 0.17803
0.16925	0.16106	0.15325	0.14610		
3873057.00		0.22298	0.21080	0.19957	0.18902 0.17939
0.17045	0.16204	0.15429	0.14694		
3873007.00		0.22500	0.21246	0.20093	0.19037 0.18054
0.17144	0.16300	0.15495	0.14764		
3872957.00		0.22639	0.21379	0.20212	0.19122 0.18131
0.17217	0.16367	0.15576	0.14832		
3872907.00		0.22725	0.21426	0.20261	0.19185 0.18191
0.17249	0.16396	0.15589	0.14849		
3872857.00		0.22737	0.21450	0.20272	0.19163 0.18163
0.17237	0.16375	0.15580	0.14840		
3872807.00		0.22674	0.21389	0.20215	0.19134 0.18106
0.17165	0.16312	0.15519	0.14781		
3872757.00		0.22617	0.21307	0.20114	0.19017 0.18023
0.17104	0.16251	0.15431	0.14696		
3872707.00		0.22455	0.21175	0.20004	0.18907 0.17917
0.16959	0.16113	0.15329	0.14595		
3872657.00		0.22360	0.21072	0.19824	0.18744 0.17758
0.16849	0.15952	0.15178	0.14455		
3872607.00		0.22162	0.20876	0.19683	0.18574 0.17575
0.16657	0.15826	0.15059	0.14350		
3872557.00		0.21939	0.20662	0.19493	0.18420 0.17437
0.16527	0.15684	0.14877	0.14179		

▲ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*  
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 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*  
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1002 \*\*\*

INCLUDING SOURCE(S): 1002 ,

\*\*\* NETWORK ID: BORON ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD | X-COORD (METERS)  
(METERS) | 441307.60 441357.60 441407.60 441457.60

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3874057.00	0.13229	0.12812	0.12404	0.12005
3874007.00	0.13330	0.12892	0.12465	0.12052
3873957.00	0.13411	0.12952	0.12508	0.12079
3873907.00	0.13473	0.12996	0.12535	0.12091
3873857.00	0.13518	0.13023	0.12548	0.12092
3873807.00	0.13547	0.13038	0.12550	0.12083
3873757.00	0.13565	0.13042	0.12543	0.12067
3873707.00	0.13572	0.13039	0.12530	0.12044
3873657.00	0.13573	0.13029	0.12512	0.12021
3873607.00	0.13569	0.13014	0.12490	0.11993
3873557.00	0.13561	0.13002	0.12468	0.11966
3873507.00	0.13561	0.12991	0.12456	0.11945
3873457.00	0.13564	0.12988	0.12447	0.11935
3873407.00	0.13577	0.12995	0.12448	0.11930
3873357.00	0.13603	0.13012	0.12459	0.11939
3873307.00	0.13643	0.13045	0.12486	0.11961
3873257.00	0.13703	0.13099	0.12534	0.11998
3873207.00	0.13770	0.13156	0.12580	0.12002
3873157.00	0.13854	0.13228	0.12607	0.12056
3873107.00	0.13943	0.13270	0.12679	0.12105
3873057.00	0.13991	0.13358	0.12745	0.12179
3873007.00	0.14080	0.13421	0.12810	0.12225
3872957.00	0.14124	0.13477	0.12846	0.12281
3872907.00	0.14158	0.13501	0.12880	0.12314
3872857.00	0.14130	0.13482	0.12880	0.12308
3872807.00	0.14092	0.13450	0.12822	0.12261
3872757.00	0.14012	0.13359	0.12744	0.12178
3872707.00	0.13908	0.13261	0.12664	0.12107
3872657.00	0.13788	0.13169	0.12584	0.12013
3872607.00	0.13660	0.13053	0.12469	0.11917
3872557.00	0.13536	0.12929	0.12362	0.11826

▲ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*  
\*\*\* 09/09/20

\*\*\* AERMET - VERSION 14134 \*\*\* \*\*  
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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION

VALUES FOR SOURCE GROUP: 1002

\*\*\*

INCLUDING SOURCE(S): 1002 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)
Y-COORD (M)	CONC		
439914.00	3872794.00	1.87393	436263.00
3873356.00	0.10272		
435903.00	3873538.00	0.07875	435899.00
3873948.00	0.06919		
442261.30	3871403.00	0.05581	442263.60
3871503.00	0.05791		
442265.80	3871603.00	0.05994	442268.00
3871703.00	0.06201		
442270.30	3871803.00	0.06405	442272.50
3871903.00	0.06545		
442274.70	3872003.00	0.06584	442276.90
3872103.00	0.06659		
442279.20	3872203.00	0.06683	442281.40
3872303.00	0.06744		
442283.60	3872403.00	0.06784	442284.20
3872428.00	0.06792		
442184.30	3872431.00	0.07180	442084.30
3872435.00	0.07589		
441984.40	3872438.00	0.08040	441884.40
3872441.00	0.08562		
441784.50	3872445.00	0.09124	441684.50
3872448.00	0.09797		
441584.60	3872451.00	0.10509	441487.60
3872455.00	0.11366		
441485.00	3872355.00	0.11266	441482.40
3872255.00	0.11297		
441482.30	3872248.00	0.11300	441382.30
3872252.00	0.12279		
441283.60	3872255.00	0.13350	441281.30
3872155.00	0.13282		
441279.00	3872055.00	0.13138	441276.70
3871955.00	0.12936		
441274.30	3871855.00	0.12588	441274.10
3871844.00	0.12571		
441174.10	3871847.00	0.13560	441074.20
3871850.00	0.14498		
440974.20	3871853.00	0.15704	440874.30

3871856.00	0.17119			
440774.30	3871859.00	0.18773		440676.30
3871862.00	0.20855			
440674.00	3871762.00	0.19277		440671.70
3871662.00	0.18312			
440669.30	3871562.00	0.16987		440667.00
3871463.00	0.14967			
440666.80	3871450.00	0.14714		440766.70
3871447.00	0.13663			
440866.70	3871444.00	0.12842		440966.60
3871441.00	0.11964			
441066.60	3871438.00	0.11255		441166.50
3871435.00	0.10602			
441266.50	3871432.00	0.10168		441366.40
3871429.00	0.09813			
441466.40	3871426.00	0.09286		441566.40
3871423.00	0.08769			
441666.30	3871420.00	0.08142		441766.30
3871417.00	0.07694			
441866.20	3871415.00	0.07236		441966.20
3871412.00	0.06605			
442066.10	3871409.00	0.06256		442166.10
3871406.00	0.05863			
440693.20	3872567.00	0.27274		440695.70
3872667.00	0.27494			
440696.30	3872690.00	0.27515		440596.30
3872692.00	0.31617			
440496.30	3872695.00	0.36732		440495.40
3872695.00	0.36783			
440496.80	3872723.00	0.36800		440396.80
3872722.00	0.43295			
440296.80	3872722.00	0.51907		440196.80
3872721.00	0.63319			
440096.80	3872720.00	0.80207		439996.80
3872720.00	1.11782			
439896.80	3872719.00	2.25578		439887.70
3872719.00	2.45428			
439885.90	3872619.00	2.15306		439885.10
3872574.00	2.15615			
439985.10	3872573.00	1.12839		440085.10
3872572.00	0.80802			
440185.10	3872571.00	0.63981		440285.10
3872570.00	0.52431			

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^ *** AERMOD - VERSION 19191 *** ***
***                               *** 09/09/20
*** AERMET - VERSION 14134 *** ***
***                               *** 22:25:03

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VALUES FOR SOURCE GROUP: 1002  
 \*\*\* THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION  
 \*\*\* INCLUDING SOURCE(S): 1002 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)
Y-COORD (M)	CONC		
440385.10	3872570.00	0.43904	440485.10
3872569.00	0.37004		
440585.10	3872568.00	0.31777	440685.10
3872567.00	0.27577		
440685.70	3872275.00	0.25491	440688.30
3872375.00	0.26227		
440690.80	3872475.00	0.26948	440692.00
3872520.00	0.27036		
440592.00	3872522.00	0.31130	440492.00
3872523.00	0.36358		
440392.00	3872525.00	0.42893	440292.00
3872526.00	0.51458		
440192.10	3872528.00	0.62626	440092.10
3872529.00	0.79098		
439992.10	3872531.00	1.09222	439892.10
3872532.00	1.93872		
439884.50	3872532.00	2.03838	439883.00
3872432.00	1.93822		
439881.50	3872332.00	1.80119	439880.80
3872278.00	1.74434		
439980.80	3872278.00	1.01980	440080.80
3872277.00	0.74510		
440180.80	3872277.00	0.58518	440280.80
3872277.00	0.48125		
440380.80	3872276.00	0.40217	440480.80
3872276.00	0.34074		
440580.80	3872275.00	0.29348	440680.80
3872275.00	0.25654		
437456.80	3871498.00	0.72910	437556.80
3871496.00	1.10140		
437656.80	3871495.00	1.09705	437756.80
3871494.00	1.02538		
437856.80	3871492.00	0.99202	437956.80
3871491.00	0.97041		
438056.80	3871490.00	0.94920	438156.80

3871488.00	0.91774			
	438256.80	3871487.00	0.89719	438356.80
3871486.00	0.87699			
	438456.70	3871484.00	0.87567	438556.70
3871483.00	0.85464			
	438656.70	3871482.00	0.84494	438756.70
3871480.00	0.80308			
	438856.70	3871479.00	0.77248	438956.70
3871478.00	0.72280			
	439056.70	3871476.00	0.68565	439156.70
3871475.00	0.67724			
	439256.70	3871474.00	0.66238	439356.70
3871472.00	0.63262			
	439456.60	3871471.00	0.62248	439556.60
3871470.00	0.60860			
	439656.60	3871468.00	0.58359	439756.60
3871467.00	0.56169			
	439856.60	3871466.00	0.48088	439877.70
3871465.00	0.43729			
	439879.30	3871565.00	0.86110	439880.80
3871665.00	1.03125			
	439882.40	3871765.00	1.13727	439884.00
3871865.00	1.24931			
	439885.60	3871965.00	1.40405	439887.10
3872065.00	1.45743			
	439888.70	3872165.00	1.53732	439890.30
3872265.00	1.62120			
	439891.90	3872365.00	1.74682	439893.40
3872465.00	1.82285			
	439895.00	3872565.00	2.00560	439896.60
3872665.00	2.22778			
	439898.20	3872765.00	2.46892	439899.80
3872865.00	2.29157			
	439901.30	3872965.00	2.18569	439902.90
3873065.00	2.01421			
	439903.70	3873112.00	1.70915	439803.70
3873113.00	2.34115			
	439703.70	3873114.00	2.46543	439603.70
3873115.00	2.51662			
	439503.70	3873116.00	2.53397	439403.70
3873117.00	2.53852			
	439303.70	3873118.00	2.53785	439203.70
3873120.00	2.51848			
	439103.70	3873121.00	2.50105	439003.70
3873122.00	2.48337			

▲ \*\*\* AERMOD - VERSION 19191 \*\*\*

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09/09/20

\*\*\* AERMET - VERSION 14134 \*\*\*

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22:25:03

\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1002 \*\*\*

INCLUDING SOURCE(S): 1002 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD (M)	X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)
3873124.00	438903.70	3873123.00	2.48566	438803.70
3873126.00	438703.70	3873125.00	2.48621	438603.70
3873128.00	438503.80	3873127.00	2.48725	438403.80
3873130.00	438303.80	3873129.00	2.44608	438203.80
3873132.00	438103.80	3873131.00	2.38259	438003.80
3873134.00	437903.80	3873133.00	2.28669	437803.80
3873137.00	437703.80	3873135.00	2.11294	437603.80
3873138.00	437503.80	3873138.00	1.60167	437449.40
3872938.00	437449.80	3873038.00	1.37213	437450.30
3872738.00	437450.80	3872838.00	1.51310	437451.20
3872538.00	437451.70	3872638.00	1.58977	437452.10
3872338.00	437452.60	3872438.00	1.63808	437453.00
3872138.00	437453.50	3872238.00	1.66177	437453.90
3871938.00	437454.40	3872038.00	1.64304	437454.80
3871738.00	437455.30	3871838.00	1.57703	437455.70
3871538.00	437456.20	3871638.00	1.39155	437456.60
	435800.90	3871509.00	0.08717	435900.90

3871509.00	0.09285			
	436000.90	3871509.00	0.09913	436100.90
3871509.00	0.10544			
	436200.90	3871509.00	0.11326	436300.90
3871509.00	0.12215			
	436400.90	3871509.00	0.13233	436500.90
3871509.00	0.14404			
	436600.90	3871509.00	0.15761	436700.90
3871509.00	0.17326			
	436800.90	3871509.00	0.19162	436900.90
3871509.00	0.21346			
	437000.90	3871509.00	0.24074	437100.90
3871509.00	0.27533			
	437200.90	3871510.00	0.32256	437300.90
3871510.00	0.39252			
	437400.90	3871510.00	0.53983	437448.90
3871510.00	0.77814			
	437448.90	3871610.00	1.18746	437448.90
3871710.00	1.33623			
	437448.90	3871810.00	1.43456	437448.90
3871910.00	1.49767			
	437448.90	3872010.00	1.53730	437448.90
3872110.00	1.54331			
	437448.90	3872210.00	1.57135	437448.90
3872310.00	1.56216			
	437448.90	3872410.00	1.57148	437448.90
3872510.00	1.54537			
	437448.90	3872610.00	1.55123	437449.00
3872710.00	1.52329			
	437449.00	3872810.00	1.48900	437449.00
3872910.00	1.46376			
	437449.00	3873010.00	1.39263	437449.00
3873110.00	1.22730			
	437449.00	3873210.00	0.69508	437449.00
3873211.00	0.69230			
	437349.00	3873212.00	0.46738	437249.00
3873213.00	0.35550			
	437149.00	3873215.00	0.28792	437049.00
3873216.00	0.24197			
	436949.00	3873217.00	0.20975	436849.00
3873218.00	0.18549			
	436749.10	3873220.00	0.16640	436649.10
3873221.00	0.15005			
	436549.10	3873222.00	0.13659	436449.10
3873224.00	0.12525			
	436349.10	3873225.00	0.11575	436249.10
3873226.00	0.10787			

▲ \*\*\* AERMOD - VERSION 19191 \*\*\*

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09/09/20

\*\*\* AERMET - VERSION 14134 \*\*\*

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\*\*\* 22:25:03

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: 1002 \*\*\*

INCLUDING SOURCE(S): 1002 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)
Y-COORD (M)	CONC		
436149.10	3873228.00	0.10072	436049.10
3873229.00	0.09513		
435949.10	3873230.00	0.09001	435849.10
3873232.00	0.08525		
435835.80	3873232.00	0.08473	435833.70
3873132.00	0.08931		
435831.70	3873032.00	0.09410	435829.70
3872932.00	0.09768		
435827.70	3872832.00	0.10083	435825.60
3872732.00	0.10279		
435823.60	3872632.00	0.10403	435821.60
3872532.00	0.10364		
435819.60	3872432.00	0.10238	435817.50
3872332.00	0.10120		
435815.50	3872232.00	0.09928	435813.50
3872132.00	0.09791		
435811.50	3872032.00	0.09653	435809.40
3871932.00	0.09573		
435807.40	3871832.00	0.09502	435805.40
3871732.00	0.09414		
435803.40	3871632.00	0.09187	435801.40
3871532.00	0.08815		
435809.00	3873839.00	0.06945	435714.00
3873870.00	0.06620		
435619.00	3873902.00	0.06318	435524.10
3873933.00	0.05988		
435484.00	3873946.00	0.05876	435384.10
3873949.00	0.05703		
435284.10	3873952.00	0.05536	435184.20
3873956.00	0.05353		
435084.20	3873959.00	0.05192	434984.30

3873962.00	0.05053			
434884.30	3873965.00	0.04926		434784.30
3873968.00	0.04803			
434684.40	3873971.00	0.04682		434626.00
3873973.00	0.04616			
434568.80	3873891.00	0.04611		434511.60
3873809.00	0.04579			
434511.00	3873808.00	0.04579		434416.00
3873777.00	0.04472			
434404.00	3873773.00	0.04460		434346.10
3873855.00	0.04378			
434288.20	3873936.00	0.04290		434279.00
3873949.00	0.04276			
434180.20	3873964.00	0.04167		434081.30
3873980.00	0.04056			
434026.00	3873988.00	0.04000		433926.00
3873987.00	0.03905			
433826.00	3873985.00	0.03817		433726.00
3873984.00	0.03735			
433626.00	3873982.00	0.03654		433526.10
3873981.00	0.03574			
433426.10	3873980.00	0.03498		433326.10
3873978.00	0.03421			
433226.10	3873977.00	0.03344		433126.10
3873975.00	0.03266			
433026.10	3873974.00	0.03192		432967.00
3873973.00	0.03148			
432867.60	3873963.00	0.03072		432770.00
3873952.00	0.03002			
432681.60	3873905.00	0.02950		432679.00
3873904.00	0.02949			
432681.20	3873804.00	0.02904		432683.40
3873704.00	0.02867			
432685.70	3873604.00	0.02843		432687.90
3873504.00	0.02834			
432690.10	3873404.00	0.02847		432691.00
3873364.00	0.02854			
432791.00	3873364.00	0.02932		432891.00
3873364.00	0.03014			
432991.00	3873364.00	0.03098		433091.00
3873364.00	0.03185			
433191.00	3873364.00	0.03275		433291.00
3873364.00	0.03368			
433391.00	3873364.00	0.03466		433491.00
3873364.00	0.03575			
433591.00	3873364.00	0.03682		433691.00
3873364.00	0.03792			
433791.00	3873364.00	0.03907		433891.00
3873365.00	0.04023			

▲ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*\*

\*\*\* AERMET - VERSION 14134 \*\*\* 09/09/20  
 \*\*\* 22:25:03

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1002 \*\*\*  
 INCLUDING SOURCE(S): 1002 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)
Y-COORD (M)	CONC		
433991.00	3873365.00	0.04139	434091.00
3873365.00	0.04259		
434191.00	3873365.00	0.04393	434291.00
3873365.00	0.04527		
434391.00	3873365.00	0.04672	434491.00
3873365.00	0.04813		
434591.00	3873365.00	0.04962	434691.00
3873365.00	0.05119		
434791.00	3873365.00	0.05295	434891.00
3873365.00	0.05482		
434991.00	3873365.00	0.05663	435091.00
3873365.00	0.05882		
435191.00	3873365.00	0.06110	435291.00
3873365.00	0.06330		
435391.00	3873365.00	0.06560	435491.00
3873365.00	0.06834		
435591.00	3873365.00	0.07143	435691.00
3873365.00	0.07452		
435791.00	3873365.00	0.07795	435836.00
3873365.00	0.07965		
435830.30	3873465.00	0.07726	435824.60
3873565.00	0.07556		
435818.90	3873665.00	0.07362	435813.30
3873764.00	0.07125		
433343.00	3874839.00	0.02884	433243.10
3874835.00	0.02867		
433143.20	3874831.00	0.02851	433043.30
3874827.00	0.02832		
432943.30	3874823.00	0.02814	432843.40

3874819.00	0.02795			
	432809.00	3874817.00	0.02790	432808.50
3874717.00	0.02885			
	432807.90	3874617.00	0.02969	432807.40
3874517.00	0.03034			
	432807.00	3874449.00	0.03064	432707.00
3874448.00	0.03025			
	432675.00	3874448.00	0.03011	432675.30
3874348.00	0.03025			
	432675.70	3874248.00	0.03024	432676.00
3874164.00	0.03019			
	432754.00	3874129.00	0.03057	432853.50
3874119.00	0.03107			
	432953.00	3874109.00	0.03166	432999.00
3874104.00	0.03196			
	433099.00	3874105.00	0.03263	433199.00
3874105.00	0.03336			
	433299.00	3874106.00	0.03408	433399.00
3874106.00	0.03475			
	433499.00	3874107.00	0.03546	433599.00
3874107.00	0.03622			
	433699.00	3874108.00	0.03696	433799.00
3874108.00	0.03775			
	433899.00	3874109.00	0.03852	433999.00
3874109.00	0.03932			
	434099.00	3874110.00	0.04013	434169.00
3874110.00	0.04070			
	434176.00	3874210.00	0.03981	434183.00
3874310.00	0.03864			
	434190.00	3874409.00	0.03729	434197.00
3874509.00	0.03581			
	434204.00	3874609.00	0.03439	434211.00
3874709.00	0.03304			
	434217.90	3874808.00	0.03191	434218.00
3874809.00	0.03190			
	434118.10	3874813.00	0.03137	434018.10
3874816.00	0.03093			
	433918.20	3874819.00	0.03054	433818.20
3874823.00	0.03016			
	433718.30	3874826.00	0.02986	433618.30
3874830.00	0.02956			
	433518.40	3874833.00	0.02929	433418.50
3874837.00	0.02901			

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^ *** AERMOD - VERSION 19191 ***   ***
                                     ***   09/09/20
*** AERMET - VERSION 14134 ***   ***
                                     ***   22:25:03

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VALUES FOR SOURCE GROUP: 1005  
 \*\*\* THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION  
 \*\*\* INCLUDING SOURCE(S): 1005 ,

GRIDCART \*\*\*  
 \*\*\* NETWORK ID: COURSE ; NETWORK TYPE:

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3  
 \*\*

Y-COORD (METERS)	430733.00	431233.00	431733.00	432233.00	432733.00
433233.00	433733.00	434233.00	434733.00		

3879761.00	0.05074	0.04513	0.05872	0.07693	0.07829
0.06862	0.05203	0.04500	0.03725		
3879261.00	0.05889	0.05955	0.06607	0.08774	0.08963
0.07907	0.05636	0.05320	0.04778		
3878761.00	0.06296	0.07351	0.08062	0.09816	0.10365
0.09273	0.07755	0.06119	0.05568		
3878261.00	0.06386	0.07801	0.09115	0.10963	0.12367
0.11172	0.09196	0.07163	0.06456		
3877761.00	0.06438	0.08107	0.10401	0.12477	0.14897
0.13661	0.11448	0.08716	0.08211		
3877261.00	0.06148	0.08491	0.11241	0.14537	0.18012
0.17331	0.15186	0.11177	0.10540		
3876761.00	0.05924	0.08357	0.12042	0.17050	0.22602
0.23407	0.20494	0.16089	0.14764		
3876261.00	0.06020	0.08122	0.12449	0.19628	0.29946
0.32909	0.30256	0.24800	0.21758		
3875761.00	0.08079	0.09149	0.12894	0.22581	0.41896
0.52875	0.53719	0.44163	0.36671		
3875261.00	0.10353	0.13441	0.17894	0.28939	0.70397
1.16522	1.34617	0.98805	0.58251		
3874761.00	0.10668	0.15649	0.24654	0.46367	2.16879
11.01606	11.34080	5.04888	0.69004		
3874261.00	0.12303	0.16537	0.25212	0.51083	6.95299
9.63542	10.31672	3.11643	0.59176		
3873761.00	0.07761	0.11118	0.18290	0.30844	0.49803
0.66250	0.66331	0.52028	0.34433		
3873261.00	0.08112	0.11391	0.14084	0.18060	0.20969
0.27007	0.24889	0.22806	0.17203		
3872761.00	0.07588	0.08072	0.09825	0.10939	0.12260
0.15222	0.15218	0.13576	0.09169		
3872261.00	0.05144	0.06075	0.07354	0.07719	0.07711
0.10050	0.10942	0.09839	0.06152		
3871761.00	0.04152	0.05303	0.05760	0.05406	0.05188

0.07352	0.08464	0.07758	0.04878		
3871261.00		0.03921	0.04571	0.04338	0.03819 0.03889
0.05649	0.06820	0.06453	0.04215		
3870761.00		0.03675	0.03650	0.03196	0.02879 0.03135
0.04470	0.05628	0.05522	0.03895		
3870261.00		0.03129	0.02806	0.02381	0.02342 0.02627
0.03641	0.04726	0.04815	0.03636		
3869761.00		0.02534	0.02123	0.01916	0.02003 0.02254
0.03029	0.04020	0.04239	0.03372		
3869261.00		0.01993	0.01675	0.01610	0.01779 0.01956
0.02559	0.03448	0.03761	0.03159		
3868761.00		0.01582	0.01399	0.01416	0.01587 0.01718
0.02203	0.02983	0.03371	0.02897		
3868261.00		0.01288	0.01220	0.01281	0.01438 0.01525
0.01923	0.02604	0.03072	0.02414		
3867761.00		0.01096	0.01092	0.01180	0.01306 0.01369
0.01695	0.02259	0.02713	0.01874		
3867261.00		0.00914	0.00968	0.01087	0.01186 0.01237
0.01464	0.01931	0.02138	0.01329		
3866761.00		0.00763	0.00847	0.00992	0.01092 0.01096
0.01256	0.01562	0.01422	0.00828		
3866261.00		0.00618	0.00759	0.00954	0.00995 0.00981
0.01052	0.01140	0.01012	0.00569		
3865761.00		0.00595	0.00750	0.00903	0.00916 0.00888
0.00864	0.00873	0.00677	0.00381		
3865261.00		0.00663	0.00742	0.00845	0.00844 0.00791
0.00703	0.00674	0.00533	0.00309		
3864761.00		0.00663	0.00713	0.00791	0.00773 0.00688
0.00605	0.00585	0.00456	0.00312		

\*\*\* AERMOD - VERSION 19191 \*\*\*  
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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION  
 \*\*\*  
 VALUES FOR SOURCE GROUP: 1005  
 INCLUDING SOURCE(S): 1005 ,

\*\*\* NETWORK ID: COURSE ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD (METERS)		X-COORD (METERS)			
		435233.00	435733.00	436233.00	436733.00 437233.00
437733.00		438233.00	438733.00	439233.00	

3879761.00	0.03509	0.03205	0.02916	0.02703	0.02661
0.02362	0.02128	0.01963	0.01883		
3879261.00	0.03951	0.03831	0.02519	0.02255	0.02189
0.02517	0.02297	0.02276	0.02167		
3878761.00	0.04622	0.03496	0.02859	0.02897	0.02729
0.02793	0.02822	0.02651	0.02414		
3878261.00	0.04694	0.04914	0.03678	0.04174	0.04662
0.04252	0.03476	0.03131	0.02750		
3877761.00	0.07634	0.07329	0.06080	0.05835	0.05092
0.04982	0.04078	0.03501	0.02758		
3877261.00	0.09916	0.09102	0.07765	0.06936	0.06573
0.05149	0.04202	0.03086	0.02229		
3876761.00	0.13711	0.11797	0.10133	0.08708	0.06381
0.04562	0.03357	0.02423	0.01896		
3876261.00	0.19507	0.15912	0.12369	0.08599	0.05423
0.03745	0.02815	0.02264	0.01869		
3875761.00	0.27192	0.18023	0.10861	0.06573	0.04498
0.03457	0.02765	0.02310	0.01947		
3875261.00	0.28892	0.14808	0.08816	0.06222	0.04788
0.03876	0.03178	0.02559	0.02093		
3874761.00	0.28123	0.16293	0.11015	0.08091	0.06242
0.04976	0.03878	0.02928	0.02105		
3874261.00	0.28051	0.16946	0.11742	0.08634	0.06755
0.05460	0.04492	0.03618	0.02623		
3873761.00	0.22358	0.13609	0.08849	0.06306	0.05030
0.04035	0.03337	0.02868	0.02519		
3873261.00	0.16130	0.13109	0.09311	0.06379	0.04525
0.03439	0.02880	0.02537	0.02182		
3872761.00	0.08874	0.08800	0.08048	0.06467	0.04947
0.03756	0.02692	0.02125	0.01880		
3872261.00	0.05150	0.05397	0.05386	0.05180	0.04218
0.03534	0.03248	0.02648	0.01872		
3871761.00	0.03842	0.03371	0.03473	0.03631	0.03544
0.02835	0.02259	0.02093	0.01960		
3871261.00	0.03019	0.02790	0.02476	0.02270	0.02407
0.02361	0.01911	0.01562	0.01290		
3870761.00	0.02496	0.02254	0.01995	0.01708	0.01183
0.01343	0.01328	0.01362	0.01181		
3870261.00	0.02277	0.01703	0.01736	0.01385	0.01149
0.00890	0.00916	0.00960	0.01091		
3869761.00	0.02076	0.01501	0.01271	0.01014	0.00857
0.00676	0.00601	0.00651	0.00760		
3869261.00	0.01802	0.01351	0.00864	0.00737	0.00567
0.00429	0.00436	0.00511	0.00505		
3868761.00	0.01546	0.01001	0.00704	0.00548	0.00430
0.00362	0.00357	0.00422	0.00427		
3868261.00	0.01234	0.00676	0.00544	0.00418	0.00338

0.00266	0.00260	0.00326	0.00375		
3867761.00		0.00977	0.00520	0.00384	0.00311 0.00263
0.00201	0.00231	0.00266	0.00317		
3867261.00		0.00715	0.00451	0.00302	0.00240 0.00169
0.00180	0.00207	0.00226	0.00257		
3866761.00		0.00475	0.00341	0.00252	0.00195 0.00146
0.00193	0.00221	0.00209	0.00208		
3866261.00		0.00363	0.00292	0.00226	0.00191 0.00167
0.00172	0.00207	0.00202	0.00186		
3865761.00		0.00287	0.00256	0.00231	0.00192 0.00167
0.00155	0.00184	0.00175	0.00180		
3865261.00		0.00272	0.00251	0.00234	0.00197 0.00168
0.00154	0.00167	0.00181	0.00163		
3864761.00		0.00262	0.00248	0.00234	0.00199 0.00170
0.00150	0.00151	0.00165	0.00157		

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1005  
 INCLUDING SOURCE(S): 1005 ,

\*\*\* NETWORK ID: COURSE ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD (METERS)		X-COORD (METERS)			
		439733.00	440233.00	440733.00	441233.00 441733.00
442233.00		442733.00	443233.00	443733.00	

3879761.00		0.01810	0.01689	0.01555	0.01444 0.01341
0.01151	0.00958	0.00818	0.00778		
3879261.00		0.02009	0.01842	0.01700	0.01524 0.01325
0.01078	0.00887	0.00786	0.00691		
3878761.00		0.02248	0.02022	0.01745	0.01453 0.01180
0.00958	0.00795	0.00694	0.00644		
3878261.00		0.02386	0.01968	0.01542	0.01210 0.00991
0.00853	0.00762	0.00685	0.00648		
3877761.00		0.02109	0.01571	0.01232	0.01060 0.00953
0.00860	0.00781	0.00720	0.00682		
3877261.00		0.01679	0.01391	0.01195	0.01074 0.00981



0.00902	0.00844	0.00796	0.00751		
3876761.00		0.01588	0.01366	0.01244	0.01137 0.01046
0.00964	0.00885	0.00809	0.00739		
3876261.00		0.01632	0.01460	0.01307	0.01168 0.01041
0.00961	0.00897	0.00834	0.00787		
3875761.00		0.01751	0.01592	0.01421	0.01175 0.01070
0.01048	0.01009	0.00921	0.00853		
3875261.00		0.01797	0.01813	0.01615	0.01379 0.01207
0.01130	0.01057	0.00977	0.00913		
3874761.00		0.01747	0.02042	0.01850	0.01616 0.01420
0.01274	0.01154	0.01076	0.00973		
3874261.00		0.02620	0.02485	0.02154	0.01956 0.01742
0.01570	0.01428	0.01301	0.01180		
3873761.00		0.02255	0.02043	0.01857	0.01684 0.01538
0.01408	0.01304	0.01249	0.01190		
3873261.00		0.01837	0.01551	0.01356	0.01228 0.01134
0.01043	0.00953	0.00874	0.00810		
3872761.00		0.01670	0.01511	0.01346	0.01165 0.00980
0.00841	0.00768	0.00732	0.00706		
3872261.00		0.01336	0.01130	0.01069	0.01064 0.01014
0.00905	0.00833	0.00732	0.00624		
3871761.00		0.01695	0.01350	0.01010	0.00821 0.00723
0.00678	0.00669	0.00671	0.00658		
3871261.00		0.01431	0.01528	0.01373	0.01087 0.00846
0.00679	0.00561	0.00488	0.00458		
3870761.00		0.00882	0.00887	0.01058	0.01155 0.00991
0.00868	0.00678	0.00546	0.00472		
3870261.00		0.01106	0.00674	0.00604	0.00668 0.00728
0.00689	0.00703	0.00652	0.00551		
3869761.00		0.00902	0.00906	0.00593	0.00428 0.00393
0.00435	0.00444	0.00598	0.00567		
3869261.00		0.00571	0.00721	0.00650	0.00435 0.00330
0.00285	0.00288	0.00356	0.00409		
3868761.00		0.00420	0.00472	0.00565	0.00430 0.00300
0.00275	0.00254	0.00246	0.00244		
3868261.00		0.00382	0.00382	0.00393	0.00442 0.00406
0.00314	0.00270	0.00260	0.00240		
3867761.00		0.00339	0.00352	0.00336	0.00319 0.00356
0.00398	0.00359	0.00275	0.00274		
3867261.00		0.00292	0.00316	0.00319	0.00296 0.00270
0.00287	0.00343	0.00353	0.00287		
3866761.00		0.00241	0.00270	0.00282	0.00280 0.00263
0.00234	0.00237	0.00273	0.00287		
3866261.00		0.00190	0.00223	0.00248	0.00255 0.00254
0.00239	0.00210	0.00197	0.00225		
3865761.00		0.00164	0.00180	0.00212	0.00232 0.00234
0.00231	0.00220	0.00189	0.00171		
3865261.00		0.00152	0.00151	0.00174	0.00205 0.00220
0.00220	0.00214	0.00203	0.00177		
3864761.00		0.00151	0.00140	0.00147	0.00171 0.00199

0.00210 0.00205 0.00201 0.00191

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\*\*\* 09/09/20

\*\*\* AERMET - VERSION 14134 \*\*\* \*\*

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: 1005 \*\*\*

INCLUDING SOURCE(S): 1005 ,

\*\*\* NETWORK ID: COURSE ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD (METERS)	444233.00	444733.00	445233.00	X-COORD (METERS) 445733.00
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3879761.00	0.00677	0.00604	0.00542	0.00499
3879261.00	0.00610	0.00559	0.00526	0.00501
3878761.00	0.00596	0.00561	0.00531	0.00506
3878261.00	0.00604	0.00577	0.00556	0.00543
3877761.00	0.00656	0.00638	0.00615	0.00588
3877261.00	0.00705	0.00660	0.00612	0.00567
3876761.00	0.00681	0.00636	0.00596	0.00568
3876261.00	0.00752	0.00724	0.00671	0.00649
3875761.00	0.00786	0.00705	0.00646	0.00611
3875261.00	0.00837	0.00793	0.00734	0.00692
3874761.00	0.00885	0.00829	0.00772	0.00707
3874261.00	0.01080	0.00999	0.00918	0.00840
3873761.00	0.01129	0.01087	0.01056	0.01012
3873261.00	0.00743	0.00683	0.00648	0.00619
3872761.00	0.00683	0.00659	0.00642	0.00628
3872261.00	0.00536	0.00490	0.00476	0.00475
3871761.00	0.00604	0.00584	0.00547	0.00483
3871261.00	0.00448	0.00478	0.00523	0.00550
3870761.00	0.00414	0.00371	0.00355	0.00352
3870261.00	0.00479	0.00420	0.00362	0.00327
3869761.00	0.00559	0.00443	0.00355	0.00354
3869261.00	0.00489	0.00495	0.00406	0.00383
3868761.00	0.00329	0.00380	0.00370	0.00411
3868261.00	0.00226	0.00219	0.00238	0.00264
3867761.00	0.00239	0.00200	0.00170	0.00167
3867261.00	0.00256	0.00222	0.00187	0.00161

3866761.00	0.00269	0.00231	0.00201	0.00179
3866261.00	0.00248	0.00231	0.00198	0.00181
3865761.00	0.00185	0.00200	0.00197	0.00173
3865261.00	0.00154	0.00153	0.00166	0.00168
3864761.00	0.00166	0.00137	0.00126	0.00132

↑ \*\*\* AERMOD - VERSION 19191 \*\*\*  
\*\*\* 09/09/20

\*\*\* AERMET - VERSION 14134 \*\*\*  
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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: 1005  
\*\*\*  
INCLUDING SOURCE(S): 1005 ,

\*\*\* NETWORK ID: DESERTL ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD (METERS)	X-COORD (METERS)				
	435850.40	435900.40	435950.40	436000.40	436050.40
436100.40	436150.40	436200.40	436250.40		

3874157.00	0.14215	0.13932	0.13525	0.13093	0.12655
0.12239	0.11844	0.11468	0.11105		
3874107.00	0.13861	0.13464	0.13088	0.12663	0.12268
0.11887	0.11519	0.11153	0.10765		
3874057.00	0.13685	0.13169	0.12664	0.12234	0.11833
0.11470	0.11110	0.10722	0.10325		
3874007.00	0.13231	0.12731	0.12240	0.11811	0.11414
0.11025	0.10663	0.10299	0.09942		
3873957.00	0.12596	0.12340	0.11869	0.11433	0.11030
0.10636	0.10250	0.09878	0.09545		
3873907.00	0.12417	0.12051	0.11575	0.11130	0.10717
0.10302	0.09911	0.09536	0.09195		
3873857.00	0.12377	0.11873	0.11395	0.10944	0.10520
0.10115	0.09686	0.09294	0.08939		
3873807.00	0.12283	0.11784	0.11309	0.10857	0.10427
0.09991	0.09556	0.09157	0.08785		
3873757.00	0.12253	0.11758	0.11287	0.10830	0.10394
0.09946	0.09513	0.09111	0.08717		
3873707.00	0.12264	0.11771	0.11305	0.10835	0.10387
0.09951	0.09526	0.09120	0.08734		
3873657.00	0.12301	0.11808	0.11343	0.10886	0.10417

0.09979	0.09559	0.09164	0.08777		
3873607.00	0.12362	0.11863	0.11395	0.10919	0.10452
0.10000	0.09587	0.09219	0.08846		
3873557.00	0.12444	0.11939	0.11465	0.10962	0.10481
0.10028	0.09599	0.09259	0.08922		
3873507.00	0.12540	0.12035	0.11544	0.11022	0.10509
0.10049	0.09627	0.09272	0.08953		
3873457.00	0.12629	0.12136	0.11604	0.11064	0.10551
0.10091	0.09684	0.09314	0.08987		
3873407.00	0.12648	0.12148	0.11633	0.11107	0.10628
0.10172	0.09744	0.09378	0.09013		
3873357.00	0.12606	0.12136	0.11639	0.11131	0.10675
0.10248	0.09853	0.09431	0.09059		
3873307.00	0.12489	0.12043	0.11588	0.11128	0.10683
0.10314	0.09953	0.09516	0.09125		
3873257.00	0.12256	0.11949	0.11483	0.11156	0.10674
0.10337	0.09997	0.09570	0.09208		
3873207.00	0.12057	0.11735	0.11373	0.11093	0.10668
0.10354	0.10047	0.09613	0.09182		
3873157.00	0.11825	0.11440	0.11211	0.10926	0.10571
0.10300	0.09900	0.09600	0.09208		

\*\*\* AERMOD - VERSION 19191 \*\*\*  
 \*\*\* 09/09/20  
 \*\*\* AERMET - VERSION 14134 \*\*\*  
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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1005  
 \*\*\* INCLUDING SOURCE(S): 1005 ,

\*\*\* NETWORK ID: DESERTL ; NETWORK TYPE:  
 GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

Y-COORD (METERS)	X-COORD (METERS)			
436550.40	436300.40	436350.40	436400.40	436450.40
	436600.40	436650.40	436700.40	436500.40

3874157.00	0.10769	0.10443	0.10113	0.09763	0.09428
0.09158	0.08917	0.08650	0.08411		
3874107.00	0.10417	0.10128	0.09808	0.09502	0.09202
0.08943	0.08705	0.08466	0.08228		
3874057.00	0.10010	0.09741	0.09470	0.09210	0.08950

0.08694	0.08463	0.08237	0.08009		
3874007.00	0.09630	0.09367	0.09115	0.08874	0.08642
0.08413	0.08188	0.07956	0.07747		
3873957.00	0.09248	0.08975	0.08737	0.08498	0.08282
0.08075	0.07860	0.07642	0.07442		
3873907.00	0.08887	0.08601	0.08361	0.08142	0.07929
0.07726	0.07510	0.07315	0.07121		
3873857.00	0.08618	0.08321	0.08068	0.07833	0.07627
0.07409	0.07215	0.07014	0.06834		
3873807.00	0.08431	0.08141	0.07860	0.07615	0.07381
0.07171	0.06976	0.06781	0.06592		
3873757.00	0.08363	0.08048	0.07749	0.07486	0.07238
0.07016	0.06793	0.06604	0.06406		
3873707.00	0.08368	0.08023	0.07722	0.07420	0.07161
0.06916	0.06684	0.06476	0.06273		
3873657.00	0.08423	0.08069	0.07757	0.07440	0.07156
0.06886	0.06635	0.06410	0.06203		
3873607.00	0.08478	0.08141	0.07809	0.07508	0.07191
0.06898	0.06624	0.06402	0.06176		
3873557.00	0.08562	0.08231	0.07902	0.07578	0.07281
0.06981	0.06695	0.06439	0.06211		
3873507.00	0.08646	0.08296	0.07976	0.07657	0.07357
0.07066	0.06793	0.06516	0.06259		
3873457.00	0.08666	0.08331	0.08037	0.07726	0.07441
0.07157	0.06896	0.06620	0.06354		
3873407.00	0.08681	0.08377	0.08078	0.07781	0.07504
0.07244	0.06990	0.06703	0.06432		
3873357.00	0.08732	0.08403	0.08104	0.07829	0.07556
0.07293	0.07029	0.06756	0.06482		
3873307.00	0.08757	0.08446	0.08153	0.07866	0.07583
0.07333	0.07055	0.06777	0.06507		
3873257.00	0.08771	0.08484	0.08163	0.07838	0.07599
0.07264	0.07051	0.06774	0.06508		
3873207.00	0.08860	0.08522	0.08174	0.07918	0.07569
0.07332	0.07052	0.06807	0.06530		
3873157.00	0.08933	0.08522	0.08246	0.07874	0.07637
0.07361	0.07076	0.06853	0.06573		

\*\*\* AERMOD - VERSION 19191 \*\*\*  
 \*\*\*  
 09/09/20  
 \*\*\*  
 \*\*\* AERMET - VERSION 14134 \*\*\*  
 \*\*\*  
 22:25:03

\*\*\* MODELOPTs: RegDFault CONC ELEV FLGPOL RURAL

\*\*\* THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION  
 \*\*\*  
 VALUES FOR SOURCE GROUP: 1005  
 INCLUDING SOURCE(S): 1005 ,

\*\*\* NETWORK ID: DESERTL ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD |  
(METERS) |

X-COORD (METERS)

436750.40 436800.40 436850.40

-----

3874157.00	0.08168	0.07967	0.07765
3874107.00	0.08001	0.07788	0.07580
3874057.00	0.07790	0.07585	0.07388
3874007.00	0.07546	0.07346	0.07154
3873957.00	0.07255	0.07068	0.06888
3873907.00	0.06946	0.06771	0.06612
3873857.00	0.06656	0.06501	0.06346
3873807.00	0.06429	0.06268	0.06125
3873757.00	0.06232	0.06083	0.05938
3873707.00	0.06103	0.05929	0.05787
3873657.00	0.06018	0.05832	0.05671
3873607.00	0.05968	0.05777	0.05595
3873557.00	0.05972	0.05750	0.05564
3873507.00	0.06022	0.05792	0.05576
3873457.00	0.06090	0.05846	0.05620
3873407.00	0.06154	0.05909	0.05695
3873357.00	0.06208	0.05967	0.05756
3873307.00	0.06246	0.06045	0.05847
3873257.00	0.06261	0.06077	0.05896
3873207.00	0.06326	0.06147	0.05971
3873157.00	0.06392	0.06216	0.06043

^ \*\*\* AERMOD - VERSION 19191 \*\*\*  
 \*\*\* 09/09/20  
 \*\*\* AERMET - VERSION 14134 \*\*\*  
 \*\*\* 22:25:03

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION  
 \*\*\*  
 VALUES FOR SOURCE GROUP: 1005

INCLUDING SOURCE(S): 1005 ,

\*\*\* NETWORK ID: BORON ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD |

X-COORD (METERS)

(METERS)	439957.60	440007.60	440057.60	440107.60	440157.60
440207.60	440257.60	440307.60	440357.60		

-----

3874057.00		0.02583	0.02555	0.02528	0.02502	0.02474
0.02443		0.02413	0.02383	0.02354		
3874007.00		0.02563	0.02536	0.02503	0.02477	0.02451
0.02426		0.02385	0.02355	0.02332		
3873957.00		0.02519	0.02492	0.02461	0.02435	0.02408
0.02380		0.02345	0.02318	0.02294		
3873907.00		0.02455	0.02427	0.02398	0.02371	0.02345
0.02318		0.02290	0.02263	0.02239		
3873857.00		0.02366	0.02343	0.02315	0.02288	0.02263
0.02239		0.02213	0.02192	0.02167		
3873807.00		0.02264	0.02239	0.02215	0.02190	0.02167
0.02146		0.02126	0.02103	0.02082		
3873757.00		0.02147	0.02126	0.02104	0.02083	0.02063
0.02044		0.02024	0.02005	0.01985		
3873707.00		0.02035	0.02014	0.01996	0.01976	0.01957
0.01939		0.01920	0.01905	0.01885		
3873657.00		0.01933	0.01912	0.01897	0.01879	0.01861
0.01843		0.01826	0.01807	0.01792		
3873607.00		0.01849	0.01832	0.01812	0.01797	0.01778
0.01762		0.01745	0.01727	0.01712		
3873557.00		0.01790	0.01769	0.01749	0.01733	0.01714
0.01698		0.01681	0.01661	0.01646		
3873507.00		0.01747	0.01725	0.01704	0.01684	0.01667
0.01649		0.01633	0.01616	0.01597		
3873457.00		0.01719	0.01696	0.01675	0.01654	0.01634
0.01616		0.01600	0.01582	0.01562		
3873407.00		0.01704	0.01679	0.01655	0.01634	0.01614
0.01594		0.01574	0.01558	0.01537		
3873357.00		0.01697	0.01670	0.01646	0.01622	0.01600
0.01580		0.01557	0.01536	0.01513		
3873307.00		0.01695	0.01667	0.01642	0.01617	0.01593
0.01568		0.01546	0.01519	0.01495		
3873257.00		0.01696	0.01668	0.01641	0.01613	0.01589
0.01564		0.01540	0.01512	0.01479		
3873207.00		0.01690	0.01659	0.01634	0.01609	0.01578
0.01550		0.01520	0.01497	0.01474		
3873157.00		0.01691	0.01665	0.01639	0.01603	0.01578
0.01541		0.01518	0.01496	0.01475		
3873107.00		0.01697	0.01658	0.01633	0.01609	0.01576
0.01547		0.01525	0.01502	0.01478		
3873057.00		0.01687	0.01664	0.01641	0.01608	0.01579
0.01556		0.01525	0.01500	0.01475		
3873007.00		0.01673	0.01652	0.01631	0.01610	0.01585
0.01558		0.01529	0.01508	0.01482		
3872957.00		0.01675	0.01656	0.01633	0.01600	0.01579

0.01559	0.01539	0.01504	0.01483		
3872907.00		0.01655	0.01638	0.01620	0.01603 0.01574
0.01554	0.01530	0.01512	0.01490		
3872857.00		0.01645	0.01629	0.01600	0.01584 0.01568
0.01550	0.01530	0.01501	0.01484		
3872807.00		0.01622	0.01608	0.01594	0.01580 0.01548
0.01532	0.01518	0.01492	0.01471		
3872757.00		0.01596	0.01584	0.01563	0.01551 0.01531
0.01515	0.01494	0.01481	0.01469		
3872707.00		0.01568	0.01552	0.01538	0.01517 0.01506
0.01496	0.01485	0.01468	0.01443		
3872657.00		0.01525	0.01514	0.01506	0.01479 0.01470
0.01461	0.01452	0.01441	0.01432		
3872607.00		0.01492	0.01469	0.01455	0.01440 0.01433
0.01437	0.01418	0.01411	0.01401		
3872557.00		0.01437	0.01420	0.01407	0.01401 0.01395
0.01390	0.01384	0.01378	0.01370		

\*\*\* AERMOD - VERSION 19191 \*\*\*  
 \*\*\* 09/09/20  
 \*\*\* AERMET - VERSION 14134 \*\*\*  
 \*\*\* 22:25:03

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1005

INCLUDING SOURCE(S): 1005 ,

\*\*\* NETWORK ID: BORON ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD (METERS)		X-COORD (METERS)			
		440407.60	440457.60	440507.60	440557.60 440607.60
440657.60		440707.60	440757.60	440807.60	

3874057.00		0.02331	0.02305	0.02282	0.02261	0.02240
0.02218	0.02194	0.02168	0.02145			
3874007.00		0.02304	0.02282	0.02260	0.02233	0.02213
0.02192	0.02167	0.02145	0.02122			
3873957.00		0.02266	0.02244	0.02223	0.02196	0.02176
0.02154	0.02131	0.02109	0.02087			
3873907.00		0.02214	0.02191	0.02169	0.02147	0.02125
0.02103	0.02082	0.02058	0.02039			
3873857.00		0.02147	0.02122	0.02102	0.02078	0.02059



0.02039	0.02018	0.01999	0.01976		
3873807.00		0.02060	0.02039	0.02019	0.01998 0.01979
0.01961	0.01944	0.01926	0.01906		
3873757.00		0.01967	0.01946	0.01928	0.01909 0.01893
0.01878	0.01859	0.01843	0.01826		
3873707.00		0.01870	0.01851	0.01835	0.01817 0.01802
0.01785	0.01773	0.01759	0.01741		
3873657.00		0.01775	0.01761	0.01745	0.01732 0.01716
0.01701	0.01688	0.01675	0.01662		
3873607.00		0.01696	0.01679	0.01666	0.01653 0.01638
0.01623	0.01611	0.01599	0.01585		
3873557.00		0.01631	0.01617	0.01602	0.01585 0.01573
0.01557	0.01545	0.01533	0.01518		
3873507.00		0.01581	0.01566	0.01550	0.01536 0.01521
0.01508	0.01494	0.01482	0.01467		
3873457.00		0.01545	0.01527	0.01511	0.01497 0.01481
0.01469	0.01455	0.01442	0.01428		
3873407.00		0.01517	0.01498	0.01481	0.01467 0.01452
0.01438	0.01426	0.01411	0.01398		
3873357.00		0.01494	0.01476	0.01458	0.01443 0.01429
0.01415	0.01401	0.01386	0.01373		
3873307.00		0.01474	0.01458	0.01439	0.01424 0.01409
0.01395	0.01380	0.01366	0.01352		
3873257.00		0.01461	0.01443	0.01425	0.01407 0.01392
0.01377	0.01363	0.01346	0.01332		
3873207.00		0.01454	0.01435	0.01417	0.01400 0.01377
0.01357	0.01342	0.01328	0.01314		
3873157.00		0.01454	0.01432	0.01409	0.01385 0.01367
0.01350	0.01333	0.01318	0.01303		
3873107.00		0.01447	0.01425	0.01405	0.01385 0.01366
0.01348	0.01330	0.01313	0.01296		
3873057.00		0.01454	0.01433	0.01404	0.01384 0.01364
0.01344	0.01325	0.01307	0.01285		
3873007.00		0.01452	0.01430	0.01409	0.01389 0.01368
0.01348	0.01329	0.01310	0.01290		
3872957.00		0.01463	0.01442	0.01422	0.01402 0.01382
0.01362	0.01330	0.01311	0.01290		
3872907.00		0.01465	0.01443	0.01421	0.01402 0.01383
0.01364	0.01344	0.01325	0.01298		
3872857.00		0.01467	0.01445	0.01428	0.01410 0.01386
0.01364	0.01346	0.01328	0.01310		
3872807.00		0.01456	0.01440	0.01424	0.01409 0.01393
0.01376	0.01360	0.01343	0.01323		
3872757.00		0.01455	0.01431	0.01417	0.01404 0.01390
0.01368	0.01354	0.01339	0.01324		
3872707.00		0.01432	0.01415	0.01403	0.01391 0.01379
0.01367	0.01354	0.01334	0.01316		
3872657.00		0.01405	0.01393	0.01384	0.01374 0.01363
0.01353	0.01342	0.01331	0.01319		
3872607.00		0.01388	0.01372	0.01360	0.01352 0.01343

0.01335	0.01326	0.01316	0.01300		
3872557.00		0.01360	0.01341	0.01333	0.01316
0.01309	0.01302	0.01294	0.01283		

^ \*\*\* AERMOD - VERSION 19191 \*\*\*  
                                   \*\*\*                  09/09/20  
 \*\*\* AERMET - VERSION 14134 \*\*\*  
                                   \*\*\*                  22:25:03

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\*\*\* MODELOPTs:    RegDEFAULT   CONC   ELEV   FLGPOL   RURAL

\*\*\* THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1005       \*\*\*

INCLUDING SOURCE(S):       1005       ,

\*\*\* NETWORK ID: BORON       ;   NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER       IN MICROGRAMS/M\*\*3

\*\*

Y-COORD					X-COORD (METERS)
(METERS)		440857.60	440907.60	440957.60	441007.60   441057.60
441107.60	441157.60	441207.60	441257.60		

3874057.00		0.02119	0.02101	0.02080	0.02063	0.02042
0.02015	0.01990	0.01967	0.01947			
3874007.00		0.02099	0.02076	0.02063	0.02041	0.02021
0.01996	0.01971	0.01947	0.01929			
3873957.00		0.02064	0.02046	0.02028	0.02008	0.01988
0.01964	0.01938	0.01918	0.01898			
3873907.00		0.02017	0.01995	0.01978	0.01961	0.01942
0.01920	0.01895	0.01875	0.01855			
3873857.00		0.01956	0.01936	0.01918	0.01901	0.01880
0.01860	0.01841	0.01821	0.01803			
3873807.00		0.01889	0.01870	0.01850	0.01830	0.01811
0.01792	0.01773	0.01756	0.01741			
3873757.00		0.01808	0.01794	0.01774	0.01752	0.01734
0.01719	0.01701	0.01685	0.01670			
3873707.00		0.01725	0.01706	0.01688	0.01671	0.01654
0.01637	0.01625	0.01610	0.01596			
3873657.00		0.01644	0.01625	0.01609	0.01593	0.01578
0.01563	0.01549	0.01535	0.01523			
3873607.00		0.01568	0.01550	0.01536	0.01521	0.01506
0.01495	0.01481	0.01469	0.01456			
3873557.00		0.01504	0.01488	0.01473	0.01459	0.01445
0.01434	0.01423	0.01410	0.01399			
3873507.00		0.01452	0.01439	0.01426	0.01410	0.01398

0.01387	0.01377	0.01364	0.01352		
3873457.00		0.01416	0.01403	0.01389	0.01375
0.01353	0.01340	0.01327	0.01315		0.01362
3873407.00		0.01385	0.01371	0.01359	0.01346
0.01322	0.01312	0.01299	0.01286		0.01333
3873357.00		0.01361	0.01348	0.01336	0.01322
0.01297	0.01287	0.01274	0.01262		0.01310
3873307.00		0.01339	0.01326	0.01314	0.01300
0.01276	0.01264	0.01252	0.01242		0.01289
3873257.00		0.01318	0.01304	0.01292	0.01281
0.01256	0.01245	0.01233	0.01221		0.01268
3873207.00		0.01300	0.01288	0.01276	0.01264
0.01234	0.01224	0.01214	0.01199		0.01246
3873157.00		0.01288	0.01275	0.01257	0.01240
0.01217	0.01206	0.01196	0.01178		0.01228
3873107.00		0.01271	0.01256	0.01241	0.01228
0.01202	0.01190	0.01171	0.01160		0.01215
3873057.00		0.01268	0.01252	0.01236	0.01215
0.01187	0.01170	0.01158	0.01141		0.01200
3873007.00		0.01269	0.01247	0.01227	0.01210
0.01176	0.01162	0.01141	0.01128		0.01192
3872957.00		0.01272	0.01253	0.01233	0.01207
0.01173	0.01157	0.01141	0.01125		0.01189
3872907.00		0.01279	0.01256	0.01237	0.01219
0.01177	0.01160	0.01139	0.01123		0.01201
3872857.00		0.01292	0.01271	0.01251	0.01225
0.01187	0.01168	0.01150	0.01134		0.01206
3872807.00		0.01296	0.01277	0.01260	0.01225
0.01195	0.01178	0.01161	0.01144		0.01218
3872757.00		0.01309	0.01287	0.01267	0.01243
0.01214	0.01198	0.01174	0.01157		0.01230
3872707.00		0.01303	0.01289	0.01275	0.01246
0.01216	0.01202	0.01187	0.01170		0.01234
3872657.00		0.01308	0.01296	0.01268	0.01256
0.01229	0.01202	0.01189	0.01174		0.01242
3872607.00		0.01290	0.01280	0.01266	0.01254
0.01220	0.01209	0.01197	0.01185		0.01242
3872557.00		0.01266	0.01258	0.01249	0.01249
0.01220	0.01207	0.01186	0.01176		0.01231

↑ \*\*\* AERMOD - VERSION 19191 \*\*\*  
 \*\*\* 09/09/20

\*\*\* AERMET - VERSION 14134 \*\*\*  
 \*\*\* 22:25:03

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1005 \*\*\*

INCLUDING SOURCE(S): 1005 ,

\*\*\* NETWORK ID: BORON ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD  
(METERS)

X-COORD (METERS)

441307.60 441357.60 441407.60 441457.60

3874057.00	0.01930	0.01913	0.01895	0.01876
3874007.00	0.01910	0.01892	0.01876	0.01862
3873957.00	0.01881	0.01864	0.01846	0.01831
3873907.00	0.01841	0.01822	0.01807	0.01790
3873857.00	0.01784	0.01770	0.01755	0.01739
3873807.00	0.01723	0.01709	0.01694	0.01679
3873757.00	0.01655	0.01639	0.01626	0.01613
3873707.00	0.01580	0.01568	0.01556	0.01541
3873657.00	0.01509	0.01497	0.01485	0.01474
3873607.00	0.01444	0.01431	0.01419	0.01408
3873557.00	0.01385	0.01375	0.01361	0.01351
3873507.00	0.01341	0.01328	0.01318	0.01305
3873457.00	0.01303	0.01291	0.01281	0.01270
3873407.00	0.01274	0.01262	0.01251	0.01240
3873357.00	0.01250	0.01237	0.01226	0.01217
3873307.00	0.01228	0.01216	0.01205	0.01196
3873257.00	0.01209	0.01198	0.01188	0.01177
3873207.00	0.01187	0.01175	0.01164	0.01154
3873157.00	0.01168	0.01155	0.01143	0.01132
3873107.00	0.01150	0.01132	0.01122	0.01107
3873057.00	0.01126	0.01116	0.01100	0.01088
3873007.00	0.01116	0.01098	0.01083	0.01066
3872957.00	0.01104	0.01090	0.01068	0.01056
3872907.00	0.01108	0.01089	0.01069	0.01055
3872857.00	0.01111	0.01094	0.01078	0.01060
3872807.00	0.01127	0.01111	0.01085	0.01068
3872757.00	0.01141	0.01120	0.01096	0.01076
3872707.00	0.01152	0.01132	0.01112	0.01093
3872657.00	0.01160	0.01146	0.01129	0.01104
3872607.00	0.01164	0.01152	0.01133	0.01112
3872557.00	0.01166	0.01152	0.01136	0.01118

▲ \*\*\* AERMOD - VERSION 19191 \*\*\*  
 \*\*\* 09/09/20  
 \*\*\* AERMET - VERSION 14134 \*\*\*  
 \*\*\* 22:25:03

VALUES FOR SOURCE GROUP: 1005  
 \*\*\* THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION  
 \*\*\* INCLUDING SOURCE(S): 1005 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)
Y-COORD (M)	CONC		
439914.00	3872794.00	0.01630	436263.00
3873356.00	0.08962		
435903.00	3873538.00	0.11952	435899.00
3873948.00	0.12297		
442261.30	3871403.00	0.00634	442263.60
3871503.00	0.00620		
442265.80	3871603.00	0.00623	442268.00
3871703.00	0.00649		
442270.30	3871803.00	0.00703	442272.50
3871903.00	0.00771		
442274.70	3872003.00	0.00827	442276.90
3872103.00	0.00875		
442279.20	3872203.00	0.00894	442281.40
3872303.00	0.00907		
442283.60	3872403.00	0.00905	442284.20
3872428.00	0.00903		
442184.30	3872431.00	0.00931	442084.30
3872435.00	0.00954		
441984.40	3872438.00	0.00976	441884.40
3872441.00	0.01004		
441784.50	3872445.00	0.01026	441684.50
3872448.00	0.01058		
441584.60	3872451.00	0.01074	441487.60
3872455.00	0.01105		
441485.00	3872355.00	0.01077	441482.40
3872255.00	0.01041		
441482.30	3872248.00	0.01038	441382.30
3872252.00	0.01054		
441283.60	3872255.00	0.01060	441281.30
3872155.00	0.00984		
441279.00	3872055.00	0.00901	441276.70
3871955.00	0.00840		
441274.30	3871855.00	0.00810	441274.10
3871844.00	0.00810		
441174.10	3871847.00	0.00831	441074.20

3871850.00	0.00850			
440974.20	3871853.00	0.00877		440874.30
3871856.00	0.00909			
440774.30	3871859.00	0.00945		440676.30
3871862.00	0.00989			
440674.00	3871762.00	0.01039		440671.70
3871662.00	0.01132			
440669.30	3871562.00	0.01234		440667.00
3871463.00	0.01303			
440666.80	3871450.00	0.01311		440766.70
3871447.00	0.01243			
440866.70	3871444.00	0.01182		440966.60
3871441.00	0.01115			
441066.60	3871438.00	0.01058		441166.50
3871435.00	0.01004			
441266.50	3871432.00	0.00964		441366.40
3871429.00	0.00930			
441466.40	3871426.00	0.00888		441566.40
3871423.00	0.00849			
441666.30	3871420.00	0.00806		441766.30
3871417.00	0.00774			
441866.20	3871415.00	0.00743		441966.20
3871412.00	0.00704			
442066.10	3871409.00	0.00680		442166.10
3871406.00	0.00654			
440693.20	3872567.00	0.01312		440695.70
3872667.00	0.01345			
440696.30	3872690.00	0.01348		440596.30
3872692.00	0.01373			
440496.30	3872695.00	0.01398		440495.40
3872695.00	0.01398			
440496.80	3872723.00	0.01412		440396.80
3872722.00	0.01441			
440296.80	3872722.00	0.01479		440196.80
3872721.00	0.01502			
440096.80	3872720.00	0.01526		439996.80
3872720.00	0.01566			
439896.80	3872719.00	0.01589		439887.70
3872719.00	0.01591			
439885.90	3872619.00	0.01511		439885.10
3872574.00	0.01478			
439985.10	3872573.00	0.01446		440085.10
3872572.00	0.01414			
440185.10	3872571.00	0.01402		440285.10
3872570.00	0.01388			

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^ *** AERMOD - VERSION 19191 ***      ***
      ***                               09/09/20
*** AERMET - VERSION 14134 ***      ***
      ***                               22:25:03

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1005 \*\*\*

INCLUDING SOURCE(S): 1005 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)
Y-COORD (M)	CONC		
440385.10	3872570.00	0.01375	440485.10
3872569.00	0.01343		
440585.10	3872568.00	0.01328	440685.10
3872567.00	0.01313		
440685.70	3872275.00	0.01082	440688.30
3872375.00	0.01167		
440690.80	3872475.00	0.01259	440692.00
3872520.00	0.01279		
440592.00	3872522.00	0.01291	440492.00
3872523.00	0.01313		
440392.00	3872525.00	0.01332	440292.00
3872526.00	0.01355		
440192.10	3872528.00	0.01368	440092.10
3872529.00	0.01383		
439992.10	3872531.00	0.01412	439892.10
3872532.00	0.01426		
439884.50	3872532.00	0.01427	439883.00
3872432.00	0.01336		
439881.50	3872332.00	0.01265	439880.80
3872278.00	0.01251		
439980.80	3872278.00	0.01211	440080.80
3872277.00	0.01181		
440180.80	3872277.00	0.01151	440280.80
3872277.00	0.01134		
440380.80	3872276.00	0.01115	440480.80
3872276.00	0.01098		
440580.80	3872275.00	0.01086	440680.80
3872275.00	0.01082		
437456.80	3871498.00	0.02994	437556.80
3871496.00	0.02849		
437656.80	3871495.00	0.02748	437756.80
3871494.00	0.02634		
437856.80	3871492.00	0.02504	437956.80

3871491.00	0.02366			
	438056.80	3871490.00	0.02227	438156.80
3871488.00	0.02096			
	438256.80	3871487.00	0.01977	438356.80
3871486.00	0.01874			
	438456.70	3871484.00	0.01831	438556.70
3871483.00	0.01759			
	438656.70	3871482.00	0.01720	438756.70
3871480.00	0.01662			
	438856.70	3871479.00	0.01622	438956.70
3871478.00	0.01560			
	439056.70	3871476.00	0.01542	439156.70
3871475.00	0.01569			
	439256.70	3871474.00	0.01588	439356.70
3871472.00	0.01596			
	439456.60	3871471.00	0.01629	439556.60
3871470.00	0.01657			
	439656.60	3871468.00	0.01687	439756.60
3871467.00	0.01735			
	439856.60	3871466.00	0.01747	439877.70
3871465.00	0.01744			
	439879.30	3871565.00	0.01758	439880.80
3871665.00	0.01700			
	439882.40	3871765.00	0.01619	439884.00
3871865.00	0.01542			
	439885.60	3871965.00	0.01479	439887.10
3872065.00	0.01350			
	439888.70	3872165.00	0.01269	439890.30
3872265.00	0.01243			
	439891.90	3872365.00	0.01284	439893.40
3872465.00	0.01357			
	439895.00	3872565.00	0.01469	439896.60
3872665.00	0.01558			
	439898.20	3872765.00	0.01625	439899.80
3872865.00	0.01670			
	439901.30	3872965.00	0.01697	439902.90
3873065.00	0.01711			
	439903.70	3873112.00	0.01723	439803.70
3873113.00	0.01773			
	439703.70	3873114.00	0.01834	439603.70
3873115.00	0.01896			
	439503.70	3873116.00	0.01958	439403.70
3873117.00	0.02023			
	439303.70	3873118.00	0.02086	439203.70
3873120.00	0.02150			
	439103.70	3873121.00	0.02223	439003.70
3873122.00	0.02297			

▲ \*\*\* AERMOD - VERSION 19191 \*\*\*

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09/09/20

\*\*\* AERMET - VERSION 14134 \*\*\*

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: 1005 \*\*\*

INCLUDING SOURCE(S): 1005 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)
Y-COORD (M)	CONC		
438903.70	3873123.00	0.02351	438803.70
3873124.00	0.02407		
438703.70	3873125.00	0.02456	438603.70
3873126.00	0.02499		
438503.80	3873127.00	0.02559	438403.80
3873128.00	0.02624		
438303.80	3873129.00	0.02706	438203.80
3873130.00	0.02787		
438103.80	3873131.00	0.02878	438003.80
3873132.00	0.02982		
437903.80	3873133.00	0.03101	437803.80
3873134.00	0.03239		
437703.80	3873135.00	0.03402	437603.80
3873137.00	0.03639		
437503.80	3873138.00	0.03857	437449.40
3873138.00	0.03987		
437449.80	3873038.00	0.04113	437450.30
3872938.00	0.04205		
437450.80	3872838.00	0.04374	437451.20
3872738.00	0.04457		
437451.70	3872638.00	0.04481	437452.10
3872538.00	0.04437		
437452.60	3872438.00	0.04209	437453.00
3872338.00	0.04041		
437453.50	3872238.00	0.03790	437453.90
3872138.00	0.03675		
437454.40	3872038.00	0.03530	437454.80
3871938.00	0.03395		
437455.30	3871838.00	0.03276	437455.70
3871738.00	0.03179		
437456.20	3871638.00	0.03125	437456.60

3871538.00	0.03040			
435800.90	3871509.00	0.02926		435900.90
3871509.00	0.02849			
436000.90	3871509.00	0.02823		436100.90
3871509.00	0.02872			
436200.90	3871509.00	0.02872		436300.90
3871509.00	0.02859			
436400.90	3871509.00	0.02840		436500.90
3871509.00	0.02831			
436600.90	3871509.00	0.02840		436700.90
3871509.00	0.02875			
436800.90	3871509.00	0.02924		436900.90
3871509.00	0.02980			
437000.90	3871509.00	0.03009		437100.90
3871509.00	0.03027			
437200.90	3871510.00	0.03027		437300.90
3871510.00	0.03066			
437400.90	3871510.00	0.03017		437448.90
3871510.00	0.03007			
437448.90	3871610.00	0.03106		437448.90
3871710.00	0.03169			
437448.90	3871810.00	0.03285		437448.90
3871910.00	0.03377			
437448.90	3872010.00	0.03492		437448.90
3872110.00	0.03646			
437448.90	3872210.00	0.03758		437448.90
3872310.00	0.03982			
437448.90	3872410.00	0.04165		437448.90
3872510.00	0.04414			
437448.90	3872610.00	0.04467		437449.00
3872710.00	0.04498			
437449.00	3872810.00	0.04430		437449.00
3872910.00	0.04240			
437449.00	3873010.00	0.04131		437449.00
3873110.00	0.04029			
437449.00	3873210.00	0.03947		437449.00
3873211.00	0.03946			
437349.00	3873212.00	0.04221		437249.00
3873213.00	0.04496			
437149.00	3873215.00	0.04846		437049.00
3873216.00	0.05252			
436949.00	3873217.00	0.05612		436849.00
3873218.00	0.05959			
436749.10	3873220.00	0.06314		436649.10
3873221.00	0.06794			
436549.10	3873222.00	0.07316		436449.10
3873224.00	0.07896			
436349.10	3873225.00	0.08548		436249.10
3873226.00	0.09231			

▲ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*\*

\*\*\* 09/09/20  
 \*\*\* AERMET - VERSION 14134 \*\*\*  
 \*\*\* 22:25:03

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION  
 \*\*\*  
 VALUES FOR SOURCE GROUP: 1005  
 INCLUDING SOURCE(S): 1005 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)
Y-COORD (M)	CONC		
436149.10	3873228.00	0.10040	436049.10
3873229.00	0.10724		
435949.10	3873230.00	0.11438	435849.10
3873232.00	0.12169		
435835.80	3873232.00	0.12242	435833.70
3873132.00	0.11765		
435831.70	3873032.00	0.11077	435829.70
3872932.00	0.10404		
435827.70	3872832.00	0.09507	435825.60
3872732.00	0.08604		
435823.60	3872632.00	0.07659	435821.60
3872532.00	0.06953		
435819.60	3872432.00	0.06352	435817.50
3872332.00	0.05725		
435815.50	3872232.00	0.05235	435813.50
3872132.00	0.04724		
435811.50	3872032.00	0.04293	435809.40
3871932.00	0.03892		
435807.40	3871832.00	0.03569	435805.40
3871732.00	0.03286		
435803.40	3871632.00	0.03084	435801.40
3871532.00	0.02949		
435809.00	3873839.00	0.12731	435714.00
3873870.00	0.13926		
435619.00	3873902.00	0.15352	435524.10
3873933.00	0.17311		
435484.00	3873946.00	0.18150	435384.10
3873949.00	0.20086		
435284.10	3873952.00	0.22418	435184.20

3873956.00	0.25324			
435084.20	3873959.00	0.28550		434984.30
3873962.00	0.32358			
434884.30	3873965.00	0.36373		434784.30
3873968.00	0.41043			
434684.40	3873971.00	0.46519		434626.00
3873973.00	0.50150			
434568.80	3873891.00	0.47436		434511.60
3873809.00	0.43193			
434511.00	3873808.00	0.43132		434416.00
3873777.00	0.43611			
434404.00	3873773.00	0.43706		434346.10
3873855.00	0.54530			
434288.20	3873936.00	0.71429		434279.00
3873949.00	0.75085			
434180.20	3873964.00	0.94132		434081.30
3873980.00	1.13792			
434026.00	3873988.00	1.25060		433926.00
3873987.00	1.34768			
433826.00	3873985.00	1.40984		433726.00
3873984.00	1.45606			
433626.00	3873982.00	1.47251		433526.10
3873981.00	1.47531			
433426.10	3873980.00	1.46700		433326.10
3873978.00	1.43290			
433226.10	3873977.00	1.38825		433126.10
3873975.00	1.31266			
433026.10	3873974.00	1.22885		432967.00
3873973.00	1.16443			
432867.60	3873963.00	1.00741		432770.00
3873952.00	0.86597			
432681.60	3873905.00	0.66685		432679.00
3873904.00	0.66284			
432681.20	3873804.00	0.51741		432683.40
3873704.00	0.42123			
432685.70	3873604.00	0.35114		432687.90
3873504.00	0.29644			
432690.10	3873404.00	0.25358		432691.00
3873364.00	0.23877			
432791.00	3873364.00	0.25521		432891.00
3873364.00	0.27583			
432991.00	3873364.00	0.29375		433091.00
3873364.00	0.30569			
433191.00	3873364.00	0.31072		433291.00
3873364.00	0.31067			
433391.00	3873364.00	0.30748		433491.00
3873364.00	0.30256			
433591.00	3873364.00	0.29533		433691.00
3873364.00	0.28932			
433791.00	3873364.00	0.28682		433891.00

3873365.00 0.28646  
 ^ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*\*  
 \*\*\* 09/09/20  
 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*  
 \*\*\* 22:25:03

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION  
 \*\*\*  
 VALUES FOR SOURCE GROUP: 1005  
 INCLUDING SOURCE(S): 1005 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)
Y-COORD (M)	CONC		
433991.00	3873365.00	0.28441	434091.00
3873365.00	0.27988		
434191.00	3873365.00	0.27044	434291.00
3873365.00	0.25079		
434391.00	3873365.00	0.22768	434491.00
3873365.00	0.21224		
434591.00	3873365.00	0.20464	434691.00
3873365.00	0.20102		
434791.00	3873365.00	0.19816	434891.00
3873365.00	0.19397		
434991.00	3873365.00	0.19082	435091.00
3873365.00	0.18565		
435191.00	3873365.00	0.17902	435291.00
3873365.00	0.17215		
435391.00	3873365.00	0.16506	435491.00
3873365.00	0.15680		
435591.00	3873365.00	0.14800	435691.00
3873365.00	0.14011		
435791.00	3873365.00	0.13163	435836.00
3873365.00	0.12753		
435830.30	3873465.00	0.12824	435824.60
3873565.00	0.12706		
435818.90	3873665.00	0.12626	435813.30
3873764.00	0.12649		
433343.00	3874839.00	8.95156	433243.10
3874835.00	8.83545		
433143.20	3874831.00	8.61746	433043.30

3874827.00	8.24933			
432943.30	3874823.00	7.60901		432843.40
3874819.00	5.87939			
432809.00	3874817.00	4.14018		432808.50
3874717.00	5.24392			
432807.90	3874617.00	5.56240		432807.40
3874517.00	6.17942			
432807.00	3874449.00	8.19852		432707.00
3874448.00	5.67570			
432675.00	3874448.00	3.96929		432675.30
3874348.00	4.51640			
432675.70	3874248.00	4.11029		432676.00
3874164.00	2.59052			
432754.00	3874129.00	2.82864		432853.50
3874119.00	3.31805			
432953.00	3874109.00	3.49007		432999.00
3874104.00	3.46851			
433099.00	3874105.00	3.78057		433199.00
3874105.00	3.91941			
433299.00	3874106.00	4.06862		433399.00
3874106.00	4.07365			
433499.00	3874107.00	4.14350		433599.00
3874107.00	4.16527			
433699.00	3874108.00	4.21220		433799.00
3874108.00	4.11980			
433899.00	3874109.00	4.04804		433999.00
3874109.00	3.82398			
434099.00	3874110.00	3.50225		434169.00
3874110.00	2.61009			
434176.00	3874210.00	5.78992		434183.00
3874310.00	6.66730			
434190.00	3874409.00	7.13333		434197.00
3874509.00	7.34020			
434204.00	3874609.00	7.54797		434211.00
3874709.00	7.23368			
434217.90	3874808.00	5.80585		434218.00
3874809.00	5.73876			
434118.10	3874813.00	8.39101		434018.10
3874816.00	8.98109			
433918.20	3874819.00	9.27473		433818.20
3874823.00	9.21577			
433718.30	3874826.00	9.30808		433618.30
3874830.00	9.23439			
433518.40	3874833.00	9.24867		433418.50
3874837.00	9.10148			

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^ *** AERMOD - VERSION 19191 ***      ***
      ***                               09/09/20
*** AERMET - VERSION 14134 ***      ***
      ***                               22:25:03

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: 1004 \*\*\*

INCLUDING SOURCE(S): 1004 ,

\*\*\* NETWORK ID: COURSE ; NETWORK TYPE:  
GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD (METERS)	430733.00	431233.00	431733.00	432233.00	432733.00
433233.00	433733.00	434233.00	434733.00		

-----

3879761.00	0.04454	0.03827	0.05155	0.06191	0.06448
0.06258	0.05781	0.05648	0.04854		
3879261.00	0.04687	0.05077	0.05711	0.06743	0.07066
0.06931	0.06258	0.06347	0.05808		
3878761.00	0.04768	0.05555	0.06351	0.07381	0.07816
0.07681	0.07563	0.07089	0.06576		
3878261.00	0.04847	0.05793	0.06685	0.08065	0.08696
0.08678	0.08590	0.08064	0.07440		
3877761.00	0.04835	0.05995	0.07075	0.08661	0.09789
0.09862	0.09840	0.09357	0.08626		
3877261.00	0.04815	0.05980	0.07519	0.09285	0.10939
0.11373	0.11481	0.11027	0.10280		
3876761.00	0.04783	0.06037	0.07815	0.10032	0.12281
0.13256	0.13694	0.13212	0.12763		
3876261.00	0.04538	0.06110	0.08120	0.10810	0.14051
0.15789	0.16660	0.16522	0.16439		
3875761.00	0.04712	0.06001	0.08264	0.11896	0.16506
0.19350	0.20996	0.21921	0.22093		
3875261.00	0.05650	0.06595	0.08960	0.13313	0.20350
0.25210	0.28953	0.31088	0.32318		
3874761.00	0.07146	0.08351	0.10594	0.16453	0.28832
0.38558	0.46865	0.50704	0.53480		
3874261.00	0.06730	0.09136	0.12890	0.21091	0.57490
0.97311	1.17564	1.13207	1.09501		
3873761.00	0.08860	0.11509	0.16997	0.31947	3.73224
5.38119	5.60611	5.59769	5.71723		
3873261.00	0.07527	0.09624	0.13855	0.24053	0.57582
0.84533	0.95931	1.01336	1.03188		
3872761.00	0.05356	0.07471	0.10484	0.14862	0.20266
0.26435	0.29434	0.32291	0.32515		
3872261.00	0.05430	0.06713	0.08553	0.10622	0.12610

0.15434	0.16020	0.16449	0.16599		
3871761.00		0.04981	0.05872	0.07060	0.07550 0.08259
0.10184	0.10679	0.10750	0.09957		
3871261.00		0.04244	0.04942	0.05348	0.05433 0.05905
0.07483	0.07950	0.07630	0.07156		
3870761.00		0.03595	0.03956	0.04093	0.04206 0.04627
0.05763	0.06080	0.05812	0.05555		
3870261.00		0.03059	0.03220	0.03266	0.03496 0.03763
0.04488	0.04760	0.04703	0.04579		
3869761.00		0.02616	0.02689	0.02837	0.02980 0.03064
0.03512	0.03868	0.03964	0.03909		
3869261.00		0.02288	0.02370	0.02465	0.02552 0.02492
0.02788	0.03247	0.03424	0.03410		
3868761.00		0.02100	0.02119	0.02136	0.02109 0.02048
0.02313	0.02794	0.03047	0.03023		
3868261.00		0.01900	0.01881	0.01838	0.01775 0.01720
0.01984	0.02464	0.02712	0.02649		
3867761.00		0.01703	0.01652	0.01573	0.01504 0.01491
0.01741	0.02184	0.02413	0.02202		
3867261.00		0.01504	0.01436	0.01348	0.01304 0.01318
0.01550	0.01943	0.02057	0.01644		
3866761.00		0.01240	0.01198	0.01121	0.01157 0.01187
0.01388	0.01684	0.01543	0.01022		
3866261.00		0.00910	0.00971	0.01011	0.01038 0.01077
0.01214	0.01333	0.01149	0.00704		
3865761.00		0.00822	0.00880	0.00921	0.00943 0.00960
0.01062	0.01050	0.00786	0.00482		
3865261.00		0.00832	0.00834	0.00850	0.00858 0.00869
0.00908	0.00815	0.00622	0.00373		
3864761.00		0.00775	0.00761	0.00782	0.00789 0.00782
0.00792	0.00703	0.00529	0.00372		

^ \*\*\* AERMOD - VERSION 19191 \*\*\*  
 \*\*\* 09/09/20  
 \*\*\* AERMET - VERSION 14134 \*\*\*  
 \*\*\* 22:25:03

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1004 \*\*\*

INCLUDING SOURCE(S): 1004 ,

\*\*\* NETWORK ID: COURSE ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD |

X-COORD (METERS)



(METERS)	435233.00	435733.00	436233.00	436733.00	437233.00
437733.00	438233.00	438733.00	439233.00		

-----

3879761.00	0.04182	0.03557	0.03078	0.02895	0.02690
0.02492	0.02268	0.02018	0.01812		
3879261.00	0.04690	0.04024	0.02582	0.02145	0.02006
0.02618	0.02268	0.02227	0.02010		
3878761.00	0.05269	0.03689	0.02791	0.02708	0.02500
0.02671	0.02799	0.02500	0.02240		
3878261.00	0.05279	0.05033	0.03369	0.04288	0.04375
0.04140	0.03375	0.02966	0.02679		
3877761.00	0.07550	0.06455	0.05964	0.04872	0.04317
0.04293	0.03954	0.03564	0.03200		
3877261.00	0.09243	0.07815	0.07085	0.06200	0.05872
0.05163	0.04681	0.04196	0.03726		
3876761.00	0.11602	0.09660	0.08604	0.07649	0.06801
0.05937	0.05549	0.04768	0.03959		
3876261.00	0.14981	0.12353	0.11083	0.09913	0.08700
0.07386	0.06149	0.04930	0.03478		
3875761.00	0.20402	0.16908	0.14782	0.12648	0.10248
0.08128	0.06085	0.04378	0.02899		
3875261.00	0.30286	0.24470	0.19657	0.15593	0.11473
0.08274	0.05532	0.03599	0.02631		
3874761.00	0.49630	0.37946	0.27525	0.18464	0.11553
0.07087	0.04662	0.03472	0.02724		
3874261.00	1.11006	0.79349	0.40213	0.19002	0.10330
0.06972	0.05298	0.04217	0.03250		
3873761.00	5.95425	5.63292	0.48963	0.20968	0.13093
0.09256	0.07017	0.05542	0.04478		
3873261.00	1.00451	0.75490	0.32889	0.17153	0.10855
0.08051	0.06258	0.05121	0.04313		
3872761.00	0.30705	0.25515	0.17281	0.13287	0.09054
0.06361	0.04572	0.03682	0.03068		
3872261.00	0.16311	0.15039	0.11362	0.09510	0.07921
0.05922	0.04575	0.03602	0.02695		
3871761.00	0.10124	0.09849	0.07590	0.06875	0.06117
0.05308	0.04241	0.03030	0.02442		
3871261.00	0.07085	0.06740	0.05600	0.04803	0.04250
0.03676	0.03276	0.03215	0.02303		
3870761.00	0.05571	0.05185	0.03995	0.03290	0.02500
0.02277	0.01819	0.01906	0.02172		
3870261.00	0.04501	0.04321	0.03308	0.02331	0.01996
0.01770	0.01547	0.01294	0.01317		
3869761.00	0.03769	0.03586	0.02812	0.01686	0.01271
0.00970	0.00950	0.01067	0.01061		
3869261.00	0.03259	0.02877	0.02052	0.01141	0.00847
0.00584	0.00516	0.00749	0.00796		
3868761.00	0.02740	0.02191	0.01368	0.00833	0.00600

0.00501	0.00456	0.00492	0.00559		
3868261.00		0.02051	0.01451	0.00930	0.00587 0.00418
0.00325	0.00321	0.00393	0.00421		
3867761.00		0.01511	0.00944	0.00635	0.00425 0.00321
0.00235	0.00282	0.00343	0.00368		
3867261.00		0.01039	0.00705	0.00466	0.00341 0.00258
0.00213	0.00246	0.00299	0.00317		
3866761.00		0.00668	0.00458	0.00335	0.00281 0.00223
0.00242	0.00237	0.00253	0.00276		
3866261.00		0.00490	0.00372	0.00291	0.00259 0.00247
0.00231	0.00220	0.00218	0.00234		
3865761.00		0.00359	0.00317	0.00286	0.00251 0.00235
0.00221	0.00206	0.00193	0.00199		
3865261.00		0.00335	0.00308	0.00283	0.00247 0.00228
0.00217	0.00203	0.00187	0.00178		
3864761.00		0.00323	0.00308	0.00281	0.00241 0.00223
0.00210	0.00196	0.00181	0.00170		

\*\*\* AERMOD - VERSION 19191 \*\*\*  
 \*\*\* 09/09/20  
 \*\*\* AERMET - VERSION 14134 \*\*\*  
 \*\*\* 22:25:03

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1004  
 INCLUDING SOURCE(S): 1004 ,

\*\*\* NETWORK ID: COURSE ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD					X-COORD (METERS)
(METERS)		439733.00	440233.00	440733.00	441233.00 441733.00
442233.00		442733.00	443233.00	443733.00	

3879761.00		0.01656	0.01578	0.01489	0.01399 0.01332
0.01217	0.01094	0.00995	0.01023		
3879261.00		0.01874	0.01755	0.01648	0.01556 0.01489
0.01329	0.01158	0.01105	0.01042		
3878761.00		0.02143	0.01999	0.01883	0.01783 0.01632
0.01429	0.01202	0.01056	0.00999		
3878261.00		0.02496	0.02346	0.02155	0.01914 0.01687
0.01467	0.01228	0.01006	0.00886		
3877761.00		0.02916	0.02568	0.02164	0.01936 0.01664

0.01361	0.01111	0.00923	0.00800			
3877261.00		0.03228	0.02748	0.02180	0.01805	0.01490
0.01209	0.01005	0.00865	0.00776			
3876761.00		0.03107	0.02361	0.01976	0.01597	0.01294
0.01095	0.00973	0.00884	0.00812			
3876261.00		0.02674	0.02155	0.01703	0.01382	0.01181
0.01094	0.01007	0.00920	0.00852			
3875761.00		0.02360	0.01931	0.01614	0.01345	0.01214
0.01125	0.01031	0.00942	0.00866			
3875261.00		0.02157	0.01917	0.01660	0.01459	0.01306
0.01199	0.01112	0.01039	0.00980			
3874761.00		0.02267	0.02128	0.01898	0.01700	0.01531
0.01390	0.01265	0.01166	0.01061			
3874261.00		0.02947	0.02631	0.02279	0.02031	0.01805
0.01627	0.01485	0.01365	0.01256			
3873761.00		0.03689	0.03100	0.02643	0.02269	0.01969
0.01714	0.01507	0.01361	0.01228			
3873261.00		0.03700	0.03215	0.02832	0.02530	0.02296
0.02084	0.01893	0.01737	0.01618			
3872761.00		0.02530	0.02141	0.01867	0.01666	0.01488
0.01329	0.01208	0.01107	0.01017			
3872261.00		0.02209	0.01909	0.01659	0.01457	0.01257
0.01090	0.01014	0.00958	0.00901			
3871761.00		0.02020	0.01654	0.01429	0.01328	0.01243
0.01097	0.00946	0.00821	0.00721			
3871261.00		0.01954	0.01773	0.01475	0.01154	0.00995
0.00910	0.00839	0.00789	0.00756			
3870761.00		0.01809	0.01508	0.01417	0.01317	0.01045
0.00867	0.00704	0.00605	0.00572			
3870261.00		0.01615	0.01274	0.01195	0.01108	0.00971
0.00806	0.00755	0.00660	0.00557			
3869761.00		0.01042	0.01067	0.00899	0.00780	0.00724
0.00700	0.00598	0.00692	0.00614			
3869261.00		0.00840	0.00863	0.00702	0.00534	0.00472
0.00471	0.00504	0.00565	0.00543			
3868761.00		0.00629	0.00734	0.00717	0.00472	0.00330
0.00329	0.00348	0.00408	0.00423			
3868261.00		0.00473	0.00562	0.00630	0.00596	0.00452
0.00339	0.00303	0.00316	0.00344			
3867761.00		0.00373	0.00422	0.00466	0.00506	0.00508
0.00455	0.00382	0.00302	0.00316			
3867261.00		0.00327	0.00350	0.00366	0.00385	0.00415
0.00430	0.00413	0.00376	0.00311			
3866761.00		0.00281	0.00294	0.00306	0.00309	0.00320
0.00341	0.00364	0.00344	0.00312			
3866261.00		0.00243	0.00247	0.00260	0.00273	0.00275
0.00277	0.00289	0.00302	0.00298			
3865761.00		0.00210	0.00221	0.00225	0.00239	0.00250
0.00249	0.00245	0.00244	0.00258			
3865261.00		0.00174	0.00196	0.00206	0.00210	0.00226

0.00237      0.00230      0.00220      0.00218  
 3864761.00 |      0.00159      0.00166      0.00189      0.00194      0.00200  
 0.00216      0.00223      0.00217      0.00202

↑ \*\*\* AERMOD - VERSION 19191 \*\*\*      \*\*\*  
                                  \*\*\*      09/09/20  
 \*\*\* AERMET - VERSION 14134 \*\*\*      \*\*\*  
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\*\*\* MODELOPTs:      RegDEFAULT      CONC      ELEV      FLGPOL      RURAL

VALUES FOR SOURCE GROUP: 1004      \*\*\* THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION  
    \*\*\*  
    INCLUDING SOURCE(S):      1004      ,

\*\*\* NETWORK ID: COURSE      ;      NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER      IN MICROGRAMS/M\*\*3

\*\*

Y-COORD				X-COORD (METERS)
(METERS)		444233.00	444733.00	445233.00
				445733.00

3879761.00		0.00931	0.00884	0.00816	0.00744
3879261.00		0.00930	0.00840	0.00750	0.00665
3878761.00		0.00861	0.00753	0.00667	0.00601
3878261.00		0.00765	0.00685	0.00621	0.00577
3877761.00		0.00712	0.00661	0.00618	0.00585
3877261.00		0.00718	0.00684	0.00643	0.00610
3876761.00		0.00760	0.00718	0.00679	0.00644
3876261.00		0.00794	0.00740	0.00685	0.00637
3875761.00		0.00801	0.00741	0.00696	0.00668
3875261.00		0.00922	0.00874	0.00820	0.00770
3874761.00		0.00967	0.00898	0.00835	0.00773
3874261.00		0.01166	0.01092	0.01018	0.00945
3873761.00		0.01107	0.01012	0.00934	0.00857
3873261.00		0.01495	0.01384	0.01309	0.01229
3872761.00		0.00955	0.00913	0.00902	0.00908
3872261.00		0.00836	0.00784	0.00748	0.00702
3871761.00		0.00640	0.00614	0.00611	0.00612
3871261.00		0.00676	0.00636	0.00587	0.00524
3870761.00		0.00563	0.00564	0.00598	0.00584
3870261.00		0.00491	0.00445	0.00411	0.00412
3869761.00		0.00566	0.00453	0.00369	0.00360
3869261.00		0.00569	0.00533	0.00427	0.00393
3868761.00		0.00521	0.00498	0.00434	0.00445
3868261.00		0.00390	0.00381	0.00360	0.00344

3867761.00		0.00294	0.00283	0.00267	0.00260
3867261.00		0.00287	0.00249	0.00221	0.00219
3866761.00		0.00287	0.00254	0.00219	0.00194
3866261.00		0.00275	0.00246	0.00213	0.00195
3865761.00		0.00254	0.00227	0.00208	0.00184
3865261.00		0.00227	0.00212	0.00192	0.00177
3864761.00		0.00196	0.00192	0.00173	0.00155

^ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*\*  
 \*\*\* 09/09/20  
 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*  
 \*\*\* 22:25:03

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1004 \*\*\*  
 INCLUDING SOURCE(S): 1004 ,

\*\*\* NETWORK ID: DESERTL ; NETWORK TYPE:  
 GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD (METERS)		X-COORD (METERS)			
		435850.40	435900.40	435950.40	436000.40 436050.40
436100.40		436150.40	436200.40	436250.40	

3874157.00		0.80737	0.75176	0.69516	0.64135	0.59022
0.54222		0.49730	0.45546	0.41668		
3874107.00		0.90008	0.82461	0.75541	0.68920	0.62794
0.57118		0.51888	0.47079	0.42664		
3874057.00		1.02620	0.92143	0.82741	0.74370	0.66802
0.60029		0.53917	0.48391	0.43482		
3874007.00		1.17437	1.03453	0.91116	0.80365	0.71014
0.62860		0.55811	0.49691	0.44419		
3873957.00		1.35770	1.17380	1.00465	0.86518	0.75073
0.65568		0.57612	0.50925	0.45329		
3873907.00		1.64861	1.33633	1.09838	0.92237	0.78738
0.67976		0.59256	0.52088	0.46173		
3873857.00		2.04972	1.49602	1.18269	0.97255	0.81882
0.70038		0.60592	0.53002	0.46823		
3873807.00		2.35873	1.62049	1.24723	1.00907	0.83994
0.71223		0.61287	0.53426	0.47090		
3873757.00		2.50570	1.69778	1.28679	1.02791	0.84739
0.71379		0.61189	0.53235	0.46874		
3873707.00		2.58034	1.72974	1.30322	1.03196	0.84378

0.70704	0.60430	0.52509	0.46271		
3873657.00		2.61769	1.72525	1.29191	1.01921 0.82997
0.69359	0.59206	0.51471	0.45436		
3873607.00		2.62530	1.68969	1.25373	0.98566 0.80354
0.67281	0.57606	0.50282	0.44562		
3873557.00		2.59796	1.62129	1.18933	0.93332 0.76440
0.64514	0.55681	0.48972	0.43655		
3873507.00		2.51992	1.51210	1.09713	0.86477 0.71589
0.61231	0.53499	0.47449	0.42554		
3873457.00		2.35254	1.34592	0.97770	0.78519 0.66299
0.57597	0.50943	0.45576	0.41129		
3873407.00		1.96747	1.10807	0.84375	0.70149 0.60601
0.53457	0.47804	0.43178	0.39235		
3873357.00		1.11380	0.85189	0.70749	0.61235 0.54265
0.48759	0.44210	0.40303	0.36709		
3873307.00		0.76123	0.66047	0.58879	0.53018 0.48157
0.44112	0.40580	0.37381	0.34215		
3873257.00		0.60971	0.54638	0.49971	0.46461 0.43024
0.40046	0.37300	0.34276	0.31961		
3873207.00		0.51746	0.46970	0.43476	0.40979 0.38618
0.36482	0.34408	0.31867	0.29767		
3873157.00		0.45326	0.41488	0.38636	0.36552 0.34788
0.33241	0.31114	0.29595	0.27908		

\*\*\* AERMOD - VERSION 19191 \*\*\* \*\*  
 \*\*\* 09/09/20  
 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*  
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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1004  
 \*\*\* INCLUDING SOURCE(S): 1004 ,

\*\*\* NETWORK ID: DESERTL ; NETWORK TYPE:  
 GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD (METERS)		X-COORD (METERS)			
		436300.40	436350.40	436400.40	436450.40 436500.40
436550.40		436600.40	436650.40	436700.40	

3874157.00		0.38130	0.34913	0.31992	0.29331 0.26952
0.24864	0.23004	0.21304	0.19788		
3874107.00		0.38745	0.35320	0.32228	0.29490 0.27057

0.24921	0.23027	0.21329	0.19807		
3874057.00		0.39288	0.35666	0.32480	0.29685 0.27214
0.25030	0.23114	0.21412	0.19897		
3874007.00		0.39936	0.36120	0.32817	0.29944 0.27435
0.25233	0.23295	0.21580	0.20081		
3873957.00		0.40618	0.36617	0.33208	0.30255 0.27708
0.25493	0.23550	0.21845	0.20256		
3873907.00		0.41243	0.37089	0.33588	0.30598 0.28023
0.25800	0.23859	0.22114	0.20635		
3873857.00		0.41729	0.37476	0.33915	0.30895 0.28329
0.26111	0.24198	0.22528	0.21081		
3873807.00		0.41901	0.37647	0.34081	0.31093 0.28555
0.26420	0.24560	0.22933	0.21501		
3873757.00		0.41739	0.37544	0.34061	0.31157 0.28725
0.26633	0.24809	0.23230	0.21817		
3873707.00		0.41275	0.37214	0.33883	0.31081 0.28729
0.26699	0.24928	0.23376	0.21988		
3873657.00		0.40659	0.36778	0.33591	0.30887 0.28615
0.26640	0.24911	0.23387	0.22029		
3873607.00		0.39997	0.36292	0.33209	0.30567 0.28337
0.26410	0.24718	0.23250	0.21918		
3873557.00		0.39323	0.35762	0.32767	0.30128 0.27952
0.26049	0.24385	0.22930	0.21644		
3873507.00		0.38505	0.35074	0.32102	0.29599 0.27439
0.25555	0.23916	0.22454	0.21167		
3873457.00		0.37361	0.34013	0.31275	0.28874 0.26800
0.24961	0.23354	0.21900	0.20608		
3873407.00		0.35697	0.32749	0.30165	0.27905 0.25943
0.24222	0.22685	0.21255	0.19978		
3873357.00		0.33810	0.31177	0.28837	0.26770 0.24928
0.23300	0.21840	0.20502	0.19276		
3873307.00		0.31702	0.29490	0.27457	0.25573 0.23847
0.22331	0.20921	0.19646	0.18495		
3873257.00		0.29674	0.27843	0.26044	0.24318 0.22829
0.21264	0.20026	0.18796	0.17694		
3873207.00		0.28013	0.26333	0.24719	0.23340 0.21829
0.20569	0.19290	0.18151	0.17049		
3873157.00		0.26507	0.24893	0.23612	0.22193 0.21061
0.19876	0.18700	0.17665	0.16590		

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\*\*\* 09/09/20

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: 1004 \*\*\*  
INCLUDING SOURCE(S): 1004 ,

\*\*\* NETWORK ID: DESERTL ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD  
(METERS)

X-COORD (METERS)

436750.40 436800.40 436850.40

3874157.00	0.18416	0.17202	0.16105
3874107.00	0.18449	0.17240	0.16157
3874057.00	0.18553	0.17247	0.16185
3874007.00	0.18644	0.17466	0.16423
3873957.00	0.18950	0.17794	0.16770
3873907.00	0.19350	0.18210	0.17206
3873857.00	0.19802	0.18681	0.17673
3873807.00	0.20246	0.19121	0.18118
3873757.00	0.20568	0.19462	0.18458
3873707.00	0.20764	0.19647	0.18654
3873657.00	0.20816	0.19706	0.18709
3873607.00	0.20717	0.19629	0.18634
3873557.00	0.20458	0.19381	0.18419
3873507.00	0.20024	0.18985	0.18040
3873457.00	0.19450	0.18422	0.17506
3873407.00	0.18809	0.17792	0.16911
3873357.00	0.18148	0.17154	0.16287
3873307.00	0.17444	0.16549	0.15723
3873257.00	0.16712	0.15896	0.15134
3873207.00	0.16157	0.15376	0.14654
3873157.00	0.15746	0.14975	0.14272

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\*\*\* AERMET - VERSION 14134 \*\*\*  
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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: 1004 \*\*\*

INCLUDING SOURCE(S): 1004 ,

\*\*\* NETWORK ID: BORON ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*



Y-COORD (METERS)					X-COORD (METERS)	
	439957.60	440007.60	440057.60		440107.60	440157.60
440207.60	440257.60	440307.60	440357.60			

-----

3874057.00	0.03093	0.03048	0.03004	0.02960	0.02917
0.02873	0.02829	0.02787	0.02745		
3874007.00	0.03145	0.03098	0.03049	0.03004	0.02961
0.02918	0.02866	0.02822	0.02783		
3873957.00	0.03189	0.03140	0.03089	0.03043	0.02997
0.02951	0.02900	0.02856	0.02814		
3873907.00	0.03234	0.03181	0.03130	0.03079	0.03032
0.02984	0.02935	0.02888	0.02845		
3873857.00	0.03283	0.03231	0.03175	0.03121	0.03070
0.03022	0.02972	0.02928	0.02880		
3873807.00	0.03346	0.03287	0.03231	0.03175	0.03122
0.03072	0.03023	0.02973	0.02925		
3873757.00	0.03411	0.03352	0.03294	0.03238	0.03183
0.03131	0.03078	0.03029	0.02979		
3873707.00	0.03484	0.03422	0.03364	0.03306	0.03250
0.03195	0.03141	0.03091	0.03039		
3873657.00	0.03551	0.03489	0.03432	0.03373	0.03316
0.03261	0.03206	0.03152	0.03101		
3873607.00	0.03606	0.03547	0.03486	0.03431	0.03373
0.03319	0.03265	0.03211	0.03161		
3873557.00	0.03646	0.03586	0.03526	0.03472	0.03416
0.03363	0.03310	0.03255	0.03206		
3873507.00	0.03662	0.03603	0.03545	0.03490	0.03439
0.03386	0.03337	0.03287	0.03235		
3873457.00	0.03657	0.03601	0.03547	0.03494	0.03442
0.03394	0.03348	0.03300	0.03248		
3873407.00	0.03636	0.03581	0.03528	0.03478	0.03430
0.03382	0.03335	0.03292	0.03244		
3873357.00	0.03599	0.03545	0.03495	0.03446	0.03399
0.03354	0.03305	0.03259	0.03211		
3873307.00	0.03541	0.03490	0.03443	0.03395	0.03349
0.03302	0.03258	0.03207	0.03158		
3873257.00	0.03459	0.03411	0.03365	0.03318	0.03275
0.03232	0.03188	0.03141	0.03083		
3873207.00	0.03338	0.03290	0.03250	0.03210	0.03162
0.03118	0.03071	0.03032	0.02994		
3873157.00	0.03197	0.03159	0.03121	0.03071	0.03034
0.02982	0.02948	0.02915	0.02883		
3873107.00	0.03045	0.02995	0.02959	0.02926	0.02883
0.02845	0.02814	0.02784	0.02751		
3873057.00	0.02872	0.02840	0.02809	0.02767	0.02730
0.02701	0.02662	0.02630	0.02599		
3873007.00	0.02710	0.02680	0.02650	0.02621	0.02589

0.02555	0.02519	0.02493	0.02462		
3872957.00		0.02593	0.02562	0.02528	0.02486
0.02429	0.02403	0.02361	0.02334		
3872907.00		0.02487	0.02454	0.02423	0.02393
0.02324	0.02292	0.02266	0.02238		0.02354
3872857.00		0.02422	0.02388	0.02343	0.02312
0.02251	0.02220	0.02181	0.02156		0.02282
3872807.00		0.02372	0.02337	0.02303	0.02270
0.02191	0.02162	0.02125	0.02093		0.02223
3872757.00		0.02338	0.02302	0.02260	0.02227
0.02153	0.02116	0.02087	0.02059		0.02187
3872707.00		0.02313	0.02272	0.02234	0.02192
0.02127	0.02096	0.02062	0.02022		0.02159
3872657.00		0.02280	0.02244	0.02210	0.02161
0.02098	0.02067	0.02036	0.02006		0.02129
3872607.00		0.02261	0.02213	0.02173	0.02134
0.02083	0.02043	0.02013	0.01983		0.02103
3872557.00		0.02225	0.02180	0.02141	0.02111
0.02052	0.02023	0.01994	0.01965		0.02082

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\*\*\* MODELOPTs: RegDFault CONC ELEV FLGPOL RURAL

\*\*\* THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1004 \*\*\*

INCLUDING SOURCE(S): 1004 ,

\*\*\* NETWORK ID: BORON ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD (METERS)		X-COORD (METERS)				
		440407.60	440457.60	440507.60	440557.60	440607.60
440657.60		440707.60	440757.60	440807.60		

3874057.00		0.02708	0.02670	0.02633	0.02599	0.02565
0.02531	0.02497	0.02461	0.02428			
3874007.00		0.02741	0.02704	0.02668	0.02629	0.02594
0.02560	0.02524	0.02489	0.02455			
3873957.00		0.02771	0.02733	0.02695	0.02655	0.02619
0.02583	0.02547	0.02511	0.02476			
3873907.00		0.02802	0.02761	0.02721	0.02682	0.02644

0.02605	0.02568	0.02530	0.02495		
3873857.00		0.02838	0.02792	0.02752	0.02709 0.02671
0.02632	0.02592	0.02555	0.02516		
3873807.00		0.02878	0.02832	0.02789	0.02745 0.02704
0.02664	0.02626	0.02587	0.02548		
3873757.00		0.02932	0.02882	0.02837	0.02792 0.02751
0.02710	0.02668	0.02628	0.02589		
3873707.00		0.02992	0.02941	0.02895	0.02848 0.02804
0.02759	0.02722	0.02682	0.02639		
3873657.00		0.03051	0.03004	0.02956	0.02911 0.02865
0.02821	0.02779	0.02739	0.02699		
3873607.00		0.03110	0.03060	0.03014	0.02970 0.02924
0.02878	0.02837	0.02796	0.02755		
3873557.00		0.03158	0.03111	0.03063	0.03016 0.02973
0.02928	0.02887	0.02847	0.02804		
3873507.00		0.03188	0.03143	0.03095	0.03052 0.03008
0.02967	0.02925	0.02887	0.02845		
3873457.00		0.03203	0.03155	0.03110	0.03070 0.03026
0.02988	0.02948	0.02910	0.02871		
3873407.00		0.03195	0.03149	0.03105	0.03067 0.03027
0.02989	0.02953	0.02914	0.02878		
3873357.00		0.03167	0.03124	0.03082	0.03045 0.03008
0.02973	0.02936	0.02900	0.02866		
3873307.00		0.03116	0.03079	0.03038	0.03003 0.02969
0.02936	0.02900	0.02867	0.02833		
3873257.00		0.03047	0.03012	0.02976	0.02940 0.02907
0.02875	0.02844	0.02809	0.02778		
3873207.00		0.02960	0.02926	0.02894	0.02862 0.02821
0.02784	0.02755	0.02726	0.02698		
3873157.00		0.02851	0.02817	0.02782	0.02744 0.02715
0.02687	0.02659	0.02632	0.02606		
3873107.00		0.02709	0.02679	0.02652	0.02624 0.02598
0.02572	0.02546	0.02521	0.02496		
3873057.00		0.02573	0.02547	0.02511	0.02486 0.02461
0.02437	0.02414	0.02390	0.02361		
3873007.00		0.02427	0.02401	0.02377	0.02353 0.02330
0.02308	0.02286	0.02264	0.02241		
3872957.00		0.02310	0.02287	0.02264	0.02241 0.02219
0.02197	0.02161	0.02141	0.02119		
3872907.00		0.02207	0.02180	0.02154	0.02132 0.02110
0.02089	0.02068	0.02048	0.02019		
3872857.00		0.02131	0.02102	0.02079	0.02056 0.02028
0.02002	0.01981	0.01961	0.01941		
3872807.00		0.02067	0.02041	0.02017	0.01994 0.01971
0.01949	0.01928	0.01907	0.01884		
3872757.00		0.02032	0.01997	0.01972	0.01948 0.01925
0.01897	0.01875	0.01854	0.01834		
3872707.00		0.01994	0.01963	0.01937	0.01912 0.01888
0.01865	0.01843	0.01816	0.01791		
3872657.00		0.01965	0.01936	0.01909	0.01884 0.01859

0.01835 0.01812 0.01790 0.01768  
3872607.00 | 0.01950 0.01916 0.01887 0.01861 0.01836  
0.01811 0.01787 0.01764 0.01737  
3872557.00 | 0.01934 0.01895 0.01867 0.01838 0.01813  
0.01789 0.01765 0.01741 0.01716

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\*\*\* 09/09/20  
\*\*\* AERMET - VERSION 14134 \*\*\*  
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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: 1004  
\*\*\* INCLUDING SOURCE(S): 1004 ,

\*\*\* NETWORK ID: BORON ; NETWORK TYPE:  
GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*  
Y-COORD | X-COORD (METERS)  
(METERS) | 440857.60 440907.60 440957.60 441007.60 441057.60  
441107.60 441157.60 441207.60 441257.60

-----  
3874057.00 | 0.02394 0.02365 0.02334 0.02306 0.02277  
0.02244 0.02212 0.02182 0.02154  
3874007.00 | 0.02421 0.02388 0.02361 0.02329 0.02299  
0.02266 0.02234 0.02202 0.02174  
3873957.00 | 0.02441 0.02410 0.02379 0.02347 0.02316  
0.02282 0.02247 0.02217 0.02187  
3873907.00 | 0.02460 0.02424 0.02393 0.02362 0.02329  
0.02295 0.02259 0.02227 0.02196  
3873857.00 | 0.02479 0.02443 0.02410 0.02376 0.02341  
0.02307 0.02273 0.02240 0.02207  
3873807.00 | 0.02511 0.02474 0.02435 0.02398 0.02361  
0.02326 0.02290 0.02257 0.02227  
3873757.00 | 0.02549 0.02513 0.02472 0.02430 0.02392  
0.02358 0.02322 0.02288 0.02256  
3873707.00 | 0.02598 0.02555 0.02514 0.02474 0.02435  
0.02397 0.02364 0.02329 0.02296  
3873657.00 | 0.02655 0.02610 0.02569 0.02528 0.02490  
0.02452 0.02416 0.02381 0.02347  
3873607.00 | 0.02711 0.02666 0.02627 0.02586 0.02547  
0.02512 0.02475 0.02441 0.02405  
3873557.00 | 0.02763 0.02721 0.02679 0.02640 0.02601

0.02567	0.02534	0.02498	0.02465		
3873507.00	0.02804	0.02765	0.02727	0.02686	0.02651
0.02617	0.02585	0.02550	0.02516		
3873457.00	0.02834	0.02797	0.02759	0.02722	0.02687
0.02656	0.02622	0.02588	0.02555		
3873407.00	0.02842	0.02807	0.02773	0.02737	0.02704
0.02672	0.02643	0.02609	0.02577		
3873357.00	0.02833	0.02800	0.02767	0.02733	0.02700
0.02667	0.02639	0.02608	0.02576		
3873307.00	0.02801	0.02768	0.02738	0.02705	0.02675
0.02644	0.02614	0.02584	0.02557		
3873257.00	0.02745	0.02714	0.02685	0.02658	0.02628
0.02599	0.02571	0.02543	0.02513		
3873207.00	0.02671	0.02644	0.02617	0.02592	0.02554
0.02527	0.02503	0.02479	0.02446		
3873157.00	0.02580	0.02554	0.02522	0.02489	0.02466
0.02443	0.02420	0.02398	0.02361		
3873107.00	0.02457	0.02434	0.02409	0.02386	0.02364
0.02342	0.02321	0.02287	0.02265		
3873057.00	0.02339	0.02317	0.02295	0.02264	0.02244
0.02224	0.02198	0.02178	0.02150		
3873007.00	0.02217	0.02190	0.02165	0.02145	0.02123
0.02102	0.02084	0.02054	0.02037		
3872957.00	0.02099	0.02079	0.02057	0.02027	0.02007
0.01989	0.01971	0.01954	0.01934		
3872907.00	0.01999	0.01974	0.01955	0.01937	0.01919
0.01893	0.01875	0.01853	0.01836		
3872857.00	0.01922	0.01900	0.01880	0.01854	0.01835
0.01816	0.01796	0.01779	0.01763		
3872807.00	0.01856	0.01835	0.01817	0.01799	0.01773
0.01751	0.01734	0.01717	0.01701		
3872757.00	0.01814	0.01790	0.01768	0.01746	0.01728
0.01711	0.01694	0.01671	0.01654		
3872707.00	0.01771	0.01752	0.01733	0.01711	0.01694
0.01668	0.01652	0.01635	0.01618		
3872657.00	0.01747	0.01727	0.01697	0.01678	0.01660
0.01643	0.01616	0.01600	0.01583		
3872607.00	0.01716	0.01695	0.01673	0.01649	0.01629
0.01609	0.01592	0.01575	0.01559		
3872557.00	0.01688	0.01667	0.01646	0.01626	0.01607
0.01588	0.01568	0.01543	0.01527		

▲ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*\*

\*\*\* 09/09/20

\*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*

\*\*\* 22:25:03

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION

VALUES FOR SOURCE GROUP: 1004

\*\*\*  
INCLUDING SOURCE(S): 1004 ,

\*\*\* NETWORK ID: BORON ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD  
(METERS)

X-COORD (METERS)

441307.60

441357.60

441407.60

441457.60

3874057.00	0.02129	0.02104	0.02078	0.02052
3874007.00	0.02147	0.02120	0.02095	0.02071
3873957.00	0.02159	0.02132	0.02105	0.02079
3873907.00	0.02169	0.02139	0.02112	0.02084
3873857.00	0.02176	0.02149	0.02121	0.02092
3873807.00	0.02194	0.02165	0.02135	0.02106
3873757.00	0.02223	0.02191	0.02161	0.02133
3873707.00	0.02261	0.02231	0.02201	0.02168
3873657.00	0.02313	0.02282	0.02250	0.02220
3873607.00	0.02372	0.02338	0.02306	0.02276
3873557.00	0.02429	0.02398	0.02364	0.02334
3873507.00	0.02484	0.02450	0.02420	0.02387
3873457.00	0.02523	0.02490	0.02462	0.02432
3873407.00	0.02545	0.02513	0.02485	0.02455
3873357.00	0.02546	0.02514	0.02486	0.02461
3873307.00	0.02524	0.02494	0.02467	0.02444
3873257.00	0.02485	0.02457	0.02433	0.02407
3873207.00	0.02419	0.02391	0.02365	0.02339
3873157.00	0.02340	0.02310	0.02284	0.02259
3873107.00	0.02245	0.02210	0.02188	0.02157
3873057.00	0.02125	0.02107	0.02078	0.02056
3873007.00	0.02019	0.01991	0.01968	0.01939
3872957.00	0.01906	0.01888	0.01857	0.01841
3872907.00	0.01819	0.01798	0.01773	0.01758
3872857.00	0.01738	0.01721	0.01705	0.01686
3872807.00	0.01685	0.01669	0.01642	0.01626
3872757.00	0.01639	0.01618	0.01596	0.01576
3872707.00	0.01601	0.01581	0.01563	0.01545
3872657.00	0.01568	0.01553	0.01536	0.01513
3872607.00	0.01538	0.01523	0.01505	0.01485
3872557.00	0.01512	0.01494	0.01477	0.01458

\*\*\* AERMOD - VERSION 19191 \*\*\*

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09/09/20

\*\*\* AERMET - VERSION 14134 \*\*\*

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22:25:03

\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1004 \*\*\*

INCLUDING SOURCE(S): 1004 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)
Y-COORD (M)	CONC		
439914.00	3872794.00	0.02397	436263.00
3873356.00	0.35871		
435903.00	3873538.00	1.55563	435899.00
3873948.00	1.20740		
442261.30	3871403.00	0.00972	442263.60
3871503.00	0.01020		
442265.80	3871603.00	0.01060	442268.00
3871703.00	0.01081		
442270.30	3871803.00	0.01089	442272.50
3871903.00	0.01080		
442274.70	3872003.00	0.01057	442276.90
3872103.00	0.01054		
442279.20	3872203.00	0.01063	442281.40
3872303.00	0.01105		
442283.60	3872403.00	0.01162	442284.20
3872428.00	0.01177		
442184.30	3872431.00	0.01201	442084.30
3872435.00	0.01223		
441984.40	3872438.00	0.01245	441884.40
3872441.00	0.01272		
441784.50	3872445.00	0.01298	441684.50
3872448.00	0.01332		
441584.60	3872451.00	0.01359	441487.60
3872455.00	0.01397		
441485.00	3872355.00	0.01360	441482.40
3872255.00	0.01352		
441482.30	3872248.00	0.01352	441382.30
3872252.00	0.01398		
441283.60	3872255.00	0.01438	441281.30
3872155.00	0.01441		
441279.00	3872055.00	0.01438	441276.70
3871955.00	0.01425		
441274.30	3871855.00	0.01383	441274.10

3871844.00	0.01380			
441174.10	3871847.00	0.01401		441074.20
3871850.00	0.01408			
440974.20	3871853.00	0.01429		440874.30
3871856.00	0.01454			
440774.30	3871859.00	0.01479		440676.30
3871862.00	0.01515			
440674.00	3871762.00	0.01444		440671.70
3871662.00	0.01425			
440669.30	3871562.00	0.01425		440667.00
3871463.00	0.01430			
440666.80	3871450.00	0.01433		440766.70
3871447.00	0.01365			
440866.70	3871444.00	0.01312		440966.60
3871441.00	0.01257			
441066.60	3871438.00	0.01216		441166.50
3871435.00	0.01181			
441266.50	3871432.00	0.01162		441366.40
3871429.00	0.01152			
441466.40	3871426.00	0.01131		441566.40
3871423.00	0.01112			
441666.30	3871420.00	0.01082		441766.30
3871417.00	0.01067			
441866.20	3871415.00	0.01050		441966.20
3871412.00	0.01012			
442066.10	3871409.00	0.01001		442166.10
3871406.00	0.00982			
440693.20	3872567.00	0.01778		440695.70
3872667.00	0.01821			
440696.30	3872690.00	0.01833		440596.30
3872692.00	0.01881			
440496.30	3872695.00	0.01933		440495.40
3872695.00	0.01933			
440496.80	3872723.00	0.01954		440396.80
3872722.00	0.02010			
440296.80	3872722.00	0.02078		440196.80
3872721.00	0.02139			
440096.80	3872720.00	0.02206		439996.80
3872720.00	0.02289			
439896.80	3872719.00	0.02364		439887.70
3872719.00	0.02371			
439885.90	3872619.00	0.02314		439885.10
3872574.00	0.02299			
439985.10	3872573.00	0.02213		440085.10
3872572.00	0.02129			
440185.10	3872571.00	0.02071		440285.10
3872570.00	0.02010			

▲ \*\*\* AERMOD - VERSION 19191 \*\*\*

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09/09/20

\*\*\* AERMET - VERSION 14134 \*\*\*

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: 1004 \*\*\*

INCLUDING SOURCE(S): 1004 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)
Y-COORD (M)	CONC		
440385.10	3872570.00	0.01954	440485.10
3872569.00	0.01883		
440585.10	3872568.00	0.01831	440685.10
3872567.00	0.01782		
440685.70	3872275.00	0.01681	440688.30
3872375.00	0.01701		
440690.80	3872475.00	0.01746	440692.00
3872520.00	0.01754		
440592.00	3872522.00	0.01803	440492.00
3872523.00	0.01863		
440392.00	3872525.00	0.01923	440292.00
3872526.00	0.01990		
440192.10	3872528.00	0.02049	440092.10
3872529.00	0.02113		
439992.10	3872531.00	0.02193	439892.10
3872532.00	0.02259		
439884.50	3872532.00	0.02264	439883.00
3872432.00	0.02218		
439881.50	3872332.00	0.02156	439880.80
3872278.00	0.02122		
439980.80	3872278.00	0.02063	440080.80
3872277.00	0.02009		
440180.80	3872277.00	0.01945	440280.80
3872277.00	0.01896		
440380.80	3872276.00	0.01840	440480.80
3872276.00	0.01780		
440580.80	3872275.00	0.01727	440680.80
3872275.00	0.01683		
437456.80	3871498.00	0.04916	437556.80
3871496.00	0.04654		
437656.80	3871495.00	0.04512	437756.80

3871494.00	0.04412			
437856.80	3871492.00	0.04324		437956.80
3871491.00	0.04236			
438056.80	3871490.00	0.04138		438156.80
3871488.00	0.04025			
438256.80	3871487.00	0.03899		438356.80
3871486.00	0.03756			
438456.70	3871484.00	0.03683		438556.70
3871483.00	0.03499			
438656.70	3871482.00	0.03338		438756.70
3871480.00	0.03111			
438856.70	3871479.00	0.02896		438956.70
3871478.00	0.02635			
439056.70	3871476.00	0.02458		439156.70
3871475.00	0.02361			
439256.70	3871474.00	0.02265		439356.70
3871472.00	0.02171			
439456.60	3871471.00	0.02127		439556.60
3871470.00	0.02091			
439656.60	3871468.00	0.02071		439756.60
3871467.00	0.02078			
439856.60	3871466.00	0.02050		439877.70
3871465.00	0.02039			
439879.30	3871565.00	0.02030		439880.80
3871665.00	0.01975			
439882.40	3871765.00	0.01922		439884.00
3871865.00	0.01910			
439885.60	3871965.00	0.01965		439887.10
3872065.00	0.01976			
439888.70	3872165.00	0.02035		439890.30
3872265.00	0.02102			
439891.90	3872365.00	0.02176		439893.40
3872465.00	0.02218			
439895.00	3872565.00	0.02289		439896.60
3872665.00	0.02343			
439898.20	3872765.00	0.02396		439899.80
3872865.00	0.02476			
439901.30	3872965.00	0.02646		439902.90
3873065.00	0.02932			
439903.70	3873112.00	0.03099		439803.70
3873113.00	0.03178			
439703.70	3873114.00	0.03271		439603.70
3873115.00	0.03369			
439503.70	3873116.00	0.03474		439403.70
3873117.00	0.03586			
439303.70	3873118.00	0.03705		439203.70
3873120.00	0.03835			
439103.70	3873121.00	0.03979		439003.70
3873122.00	0.04134			

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\*\*\* 09/09/20  
 \*\*\* AERMET - VERSION 14134 \*\*\*  
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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1004  
 \*\*\* INCLUDING SOURCE(S): 1004 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)
Y-COORD (M)	CONC		
438903.70	3873123.00	0.04280	438803.70
3873124.00	0.04439		
438703.70	3873125.00	0.04601	438603.70
3873126.00	0.04768		
438503.80	3873127.00	0.04962	438403.80
3873128.00	0.05171		
438303.80	3873129.00	0.05406	438203.80
3873130.00	0.05648		
438103.80	3873131.00	0.05906	438003.80
3873132.00	0.06180		
437903.80	3873133.00	0.06473	437803.80
3873134.00	0.06790		
437703.80	3873135.00	0.07139	437603.80
3873137.00	0.07600		
437503.80	3873138.00	0.08058	437449.40
3873138.00	0.08337		
437449.80	3873038.00	0.07992	437450.30
3872938.00	0.07870		
437450.80	3872838.00	0.07817	437451.20
3872738.00	0.07677		
437451.70	3872638.00	0.07584	437452.10
3872538.00	0.07529		
437452.60	3872438.00	0.07329	437453.00
3872338.00	0.07283		
437453.50	3872238.00	0.07055	437453.90
3872138.00	0.06899		
437454.40	3872038.00	0.06592	437454.80
3871938.00	0.06242		
437455.30	3871838.00	0.05877	437455.70

3871738.00	0.05529			
437456.20	3871638.00	0.05262		437456.60
3871538.00	0.05013			
435800.90	3871509.00	0.08063		435900.90
3871509.00	0.07867			
436000.90	3871509.00	0.07508		436100.90
3871509.00	0.07072			
436200.90	3871509.00	0.06582		436300.90
3871509.00	0.06244			
436400.90	3871509.00	0.06054		436500.90
3871509.00	0.05907			
436600.90	3871509.00	0.05785		436700.90
3871509.00	0.05710			
436800.90	3871509.00	0.05632		436900.90
3871509.00	0.05532			
437000.90	3871509.00	0.05414		437100.90
3871509.00	0.05329			
437200.90	3871510.00	0.05244		437300.90
3871510.00	0.05195			
437400.90	3871510.00	0.05014		437448.90
3871510.00	0.04950			
437448.90	3871610.00	0.05195		437448.90
3871710.00	0.05454			
437448.90	3871810.00	0.05824		437448.90
3871910.00	0.06161			
437448.90	3872010.00	0.06497		437448.90
3872110.00	0.06840			
437448.90	3872210.00	0.07032		437448.90
3872310.00	0.07258			
437448.90	3872410.00	0.07330		437448.90
3872510.00	0.07529			
437448.90	3872610.00	0.07563		437449.00
3872710.00	0.07687			
437449.00	3872810.00	0.07815		437449.00
3872910.00	0.07851			
437449.00	3873010.00	0.07940		437449.00
3873110.00	0.08206			
437449.00	3873210.00	0.08921		437449.00
3873211.00	0.08930			
437349.00	3873212.00	0.09543		437249.00
3873213.00	0.10227			
437149.00	3873215.00	0.11131		437049.00
3873216.00	0.12238			
436949.00	3873217.00	0.13438		436849.00
3873218.00	0.14772			
436749.10	3873220.00	0.16309		436649.10
3873221.00	0.18326			
436549.10	3873222.00	0.20797		436449.10
3873224.00	0.23700			
436349.10	3873225.00	0.26964		436249.10

3873226.00 0.30685  
 ^ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*\*  
 \*\*\* 09/09/20  
 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*  
 \*\*\* 22:25:03

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION  
 \*\*\*  
 VALUES FOR SOURCE GROUP: 1004  
 INCLUDING SOURCE(S): 1004 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)
Y-COORD (M)	CONC		
436149.10	3873228.00	0.35652	436049.10
3873229.00	0.40598		
435949.10	3873230.00	0.46306	435849.10
3873232.00	0.56030		
435835.80	3873232.00	0.57516	435833.70
3873132.00	0.43760		
435831.70	3873032.00	0.35621	435829.70
3872932.00	0.30229		
435827.70	3872832.00	0.26297	435825.60
3872732.00	0.23362		
435823.60	3872632.00	0.20853	435821.60
3872532.00	0.18934		
435819.60	3872432.00	0.17236	435817.50
3872332.00	0.15622		
435815.50	3872232.00	0.14239	435813.50
3872132.00	0.12947		
435811.50	3872032.00	0.11881	435809.40
3871932.00	0.10968		
435807.40	3871832.00	0.10201	435805.40
3871732.00	0.09484		
435803.40	3871632.00	0.08825	435801.40
3871532.00	0.08202		
435809.00	3873839.00	3.60488	435714.00
3873870.00	4.78140		
435619.00	3873902.00	4.95725	435524.10
3873933.00	4.65374		
435484.00	3873946.00	4.48666	435384.10

3873949.00	4.69747		
435284.10	3873952.00	4.73685	435184.20
3873956.00	4.63137		
435084.20	3873959.00	4.59441	434984.30
3873962.00	4.57746		
434884.30	3873965.00	4.54798	434784.30
3873968.00	4.46151		
434684.40	3873971.00	4.18678	434626.00
3873973.00	3.42956		
434568.80	3873891.00	4.05237	434511.60
3873809.00	4.83258		
434511.00	3873808.00	4.85332	434416.00
3873777.00	5.12889		
434404.00	3873773.00	5.23943	434346.10
3873855.00	4.62660		
434288.20	3873936.00	4.28095	434279.00
3873949.00	4.11810		
434180.20	3873964.00	4.47264	434081.30
3873980.00	4.43189		
434026.00	3873988.00	4.35568	433926.00
3873987.00	4.41193		
433826.00	3873985.00	4.43766	433726.00
3873984.00	4.41945		
433626.00	3873982.00	4.42131	433526.10
3873981.00	4.37974		
433426.10	3873980.00	4.33402	433326.10
3873978.00	4.29619		
433226.10	3873977.00	4.20594	433126.10
3873975.00	4.10980		
433026.10	3873974.00	3.94818	432967.00
3873973.00	3.79257		
432867.60	3873963.00	3.56367	432770.00
3873952.00	2.99109		
432681.60	3873905.00	2.15702	432679.00
3873904.00	2.08990		
432681.20	3873804.00	2.38536	432683.40
3873704.00	2.40213		
432685.70	3873604.00	2.33463	432687.90
3873504.00	2.15264		
432690.10	3873404.00	1.66760	432691.00
3873364.00	1.08543		
432791.00	3873364.00	1.58283	432891.00
3873364.00	1.74981		
432991.00	3873364.00	1.85007	433091.00
3873364.00	1.91601		
433191.00	3873364.00	1.96594	433291.00
3873364.00	2.00808		
433391.00	3873364.00	2.04035	433491.00
3873364.00	2.06986		
433591.00	3873364.00	2.09344	433691.00

3873364.00 2.11189  
 433791.00 3873364.00 2.13040 433891.00

3873365.00 2.18095

▲ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*\*

\*\*\* 09/09/20

\*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*

\*\*\* 22:25:03

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION

VALUES FOR SOURCE GROUP: 1004

\*\*\*

INCLUDING SOURCE(S): 1004 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)
Y-COORD (M)	CONC		
433991.00	3873365.00	2.18849	434091.00
3873365.00	2.19107		
434191.00	3873365.00	2.20470	434291.00
3873365.00	2.21509		
434391.00	3873365.00	2.22913	434491.00
3873365.00	2.22822		
434591.00	3873365.00	2.23684	434691.00
3873365.00	2.24785		
434791.00	3873365.00	2.26363	434891.00
3873365.00	2.28029		
434991.00	3873365.00	2.26941	435091.00
3873365.00	2.29643		
435191.00	3873365.00	2.32450	435291.00
3873365.00	2.31296		
435391.00	3873365.00	2.27799	435491.00
3873365.00	2.27753		
435591.00	3873365.00	2.26673	435691.00
3873365.00	2.12249		
435791.00	3873365.00	1.81278	435836.00
3873365.00	1.41878		
435830.30	3873465.00	3.24619	435824.60
3873565.00	3.72567		
435818.90	3873665.00	3.92451	435813.30
3873764.00	3.94517		
433343.00	3874839.00	0.37055	433243.10

3874835.00	0.35661			
433143.20	3874831.00	0.34311		433043.30
3874827.00	0.32853			
432943.30	3874823.00	0.31217		432843.40
3874819.00	0.29388			
432809.00	3874817.00	0.28804		432808.50
3874717.00	0.31862			
432807.90	3874617.00	0.35677		432807.40
3874517.00	0.40594			
432807.00	3874449.00	0.44848		432707.00
3874448.00	0.40358			
432675.00	3874448.00	0.38741		432675.30
3874348.00	0.44714			
432675.70	3874248.00	0.53214		432676.00
3874164.00	0.63836			
432754.00	3874129.00	0.84631		432853.50
3874119.00	1.06376			
432953.00	3874109.00	1.30211		432999.00
3874104.00	1.41331			
433099.00	3874105.00	1.55078		433199.00
3874105.00	1.66112			
433299.00	3874106.00	1.73667		433399.00
3874106.00	1.79717			
433499.00	3874107.00	1.83885		433599.00
3874107.00	1.88019			
433699.00	3874108.00	1.90223		433799.00
3874108.00	1.92586			
433899.00	3874109.00	1.93114		433999.00
3874109.00	1.92798			
434099.00	3874110.00	1.87333		434169.00
3874110.00	1.80985			
434176.00	3874210.00	1.31471		434183.00
3874310.00	1.03218			
434190.00	3874409.00	0.84900		434197.00
3874509.00	0.71714			
434204.00	3874609.00	0.61974		434211.00
3874709.00	0.54147			
434217.90	3874808.00	0.47853		434218.00
3874809.00	0.47797			
434118.10	3874813.00	0.47171		434018.10
3874816.00	0.46447			
433918.20	3874819.00	0.45588		433818.20
3874823.00	0.44355			
433718.30	3874826.00	0.43122		433618.30
3874830.00	0.41652			
433518.40	3874833.00	0.40073		433418.50
3874837.00	0.38292			

▲ \*\*\* AERMOD - VERSION 19191 \*\*\*

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\*\*\* AERMET - VERSION 14134 \*\*\*

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: 1003 \*\*\*

INCLUDING SOURCE(S): 1003 ,

\*\*\* NETWORK ID: COURSE ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD (METERS)	430733.00	431233.00	431733.00	432233.00	432733.00
433233.00	433733.00	434233.00	434733.00		

3879761.00	0.02334	0.02278	0.03183	0.03538	0.03759
0.04145	0.04420	0.04721	0.05016		
3879261.00	0.02268	0.02647	0.03183	0.03660	0.03954
0.04328	0.04623	0.05058	0.05530		
3878761.00	0.02192	0.02571	0.03107	0.03681	0.04125
0.04522	0.05025	0.05410	0.05979		
3878261.00	0.02133	0.02477	0.02955	0.03583	0.04199
0.04713	0.05299	0.05797	0.06399		
3877761.00	0.02062	0.02387	0.02822	0.03423	0.04170
0.04849	0.05564	0.06252	0.06894		
3877261.00	0.02029	0.02306	0.02701	0.03261	0.04039
0.04908	0.05754	0.06706	0.07462		
3876761.00	0.02035	0.02280	0.02613	0.03112	0.03851
0.04845	0.05891	0.07061	0.08130		
3876261.00	0.02042	0.02274	0.02583	0.03010	0.03679
0.04660	0.05934	0.07330	0.08882		
3875761.00	0.02163	0.02311	0.02567	0.02969	0.03539
0.04470	0.05802	0.07485	0.09533		
3875261.00	0.02495	0.02605	0.02760	0.03018	0.03486
0.04260	0.05599	0.07435	0.10019		
3874761.00	0.03010	0.03155	0.03316	0.03502	0.03771
0.04303	0.05357	0.07276	0.10324		
3874261.00	0.03174	0.03489	0.03848	0.04222	0.04652
0.05108	0.05844	0.07399	0.10514		
3873761.00	0.03044	0.03458	0.03916	0.04415	0.05024
0.05829	0.06995	0.08798	0.11953		
3873261.00	0.03054	0.03555	0.04117	0.04797	0.05646
0.06675	0.08072	0.10297	0.14531		
3872761.00	0.03168	0.03569	0.04127	0.04879	0.05966

0.07454	0.09458	0.12437	0.17769		
3872261.00	0.03428	0.03835	0.04315	0.04926	0.05714
0.06845	0.08691	0.12153	0.18742		
3871761.00	0.03218	0.03555	0.03968	0.04478	0.05279
0.06501	0.08444	0.11681	0.17335		
3871261.00	0.02488	0.02748	0.03119	0.03628	0.04454
0.05638	0.07220	0.09491	0.13169		
3870761.00	0.02075	0.02345	0.02786	0.03335	0.04083
0.05049	0.06258	0.08030	0.10436		
3870261.00	0.01914	0.02309	0.02804	0.03443	0.04083
0.04859	0.05588	0.06520	0.07734		
3869761.00	0.02135	0.02547	0.03051	0.03449	0.03748
0.04067	0.04434	0.05150	0.05905		
3869261.00	0.02309	0.02616	0.02853	0.03033	0.03007
0.03201	0.03731	0.04358	0.04674		
3868761.00	0.02278	0.02351	0.02368	0.02353	0.02458
0.02843	0.03404	0.03785	0.03691		
3868261.00	0.01978	0.01941	0.01908	0.01977	0.02264
0.02731	0.03134	0.03157	0.02770		
3867761.00	0.01636	0.01592	0.01639	0.01861	0.02245
0.02622	0.02748	0.02506	0.02025		
3867261.00	0.01357	0.01392	0.01568	0.01881	0.02218
0.02399	0.02282	0.01857	0.01433		
3866761.00	0.01112	0.01300	0.01594	0.01912	0.02100
0.02079	0.01790	0.01273	0.00980		
3866261.00	0.00973	0.01330	0.01642	0.01848	0.01886
0.01719	0.01272	0.00936	0.00754		
3865761.00	0.01062	0.01421	0.01624	0.01703	0.01622
0.01339	0.00911	0.00688	0.00587		
3865261.00	0.01243	0.01428	0.01533	0.01510	0.01347
0.00995	0.00693	0.00575	0.00479		
3864761.00	0.01255	0.01376	0.01402	0.01301	0.01055
0.00784	0.00600	0.00505	0.00485		

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1003 \*\*\*  
 INCLUDING SOURCE(S): 1003 ,

\*\*\* NETWORK ID: COURSE ; NETWORK TYPE:  
 GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD (METERS)	435233.00	435733.00	436233.00	X-COORD (METERS)	
437733.00	438233.00	438733.00	439233.00	436733.00	437233.00

-----

3879761.00	0.05749	0.05803	0.04870	0.03657	0.03340
0.02987	0.02723	0.02148	0.01825		
3879261.00	0.06196	0.06324	0.04186	0.03179	0.02646
0.03067	0.02602	0.02333	0.01998		
3878761.00	0.06707	0.05790	0.04472	0.03786	0.03120
0.03005	0.03212	0.02498	0.02194		
3878261.00	0.06821	0.07269	0.05186	0.05470	0.04921
0.04471	0.03651	0.02890	0.02657		
3877761.00	0.08093	0.08483	0.07853	0.05915	0.04638
0.04240	0.04071	0.03428	0.03188		
3877261.00	0.08840	0.09569	0.08933	0.07821	0.06300
0.05176	0.04630	0.04050	0.03877		
3876761.00	0.09613	0.10871	0.10225	0.09256	0.06865
0.05738	0.05429	0.04946	0.04587		
3876261.00	0.10590	0.12441	0.11938	0.11106	0.08342
0.07321	0.06582	0.05987	0.04703		
3875761.00	0.11739	0.14397	0.14270	0.13538	0.10405
0.09158	0.07803	0.06837	0.05058		
3875261.00	0.13143	0.17048	0.17734	0.16988	0.13440
0.11912	0.10248	0.08237	0.06549		
3874761.00	0.14721	0.20780	0.23118	0.22646	0.18902
0.16451	0.14132	0.11382	0.07975		
3874261.00	0.16408	0.26713	0.32434	0.33995	0.29921
0.24809	0.20814	0.16128	0.10577		
3873761.00	0.18992	0.37314	0.54908	0.63562	0.57262
0.41002	0.28570	0.18776	0.12530		
3873261.00	0.24901	0.71954	2.47654	2.41902	2.01487
0.69712	0.33842	0.19717	0.12363		
3872761.00	0.31961	1.12087	5.38368	4.05419	3.23031
0.80971	0.34909	0.19271	0.11932		
3872261.00	0.33895	1.16676	4.63031	3.69928	2.98814
0.70202	0.29701	0.16632	0.10818		
3871761.00	0.30131	0.99680	3.66280	3.01042	2.44227
0.46086	0.20979	0.12837	0.08590		
3871261.00	0.19983	0.31032	0.44737	0.40533	0.28388
0.16161	0.11183	0.09017	0.06270		
3870761.00	0.13124	0.15103	0.18934	0.15790	0.08969
0.06511	0.04942	0.04835	0.04813		
3870261.00	0.08607	0.09135	0.11309	0.09882	0.06939
0.04060	0.02992	0.02660	0.02881		
3869761.00	0.06130	0.06108	0.07191	0.06034	0.04175
0.02227	0.01641	0.01729	0.01799		
3869261.00	0.04557	0.04127	0.04454	0.03587	0.02344

0.01122	0.00898	0.01152	0.01160		
3868761.00		0.03263	0.02797	0.02893	0.02320 0.01473
0.00954	0.00734	0.00776	0.00812		
3868261.00		0.02262	0.01941	0.01912	0.01493 0.00929
0.00631	0.00517	0.00563	0.00619		
3867761.00		0.01679	0.01414	0.01289	0.00971 0.00703
0.00541	0.00462	0.00483	0.00501		
3867261.00		0.01267	0.01120	0.00970	0.00734 0.00563
0.00502	0.00419	0.00429	0.00415		
3866761.00		0.00921	0.00807	0.00707	0.00576 0.00516
0.00479	0.00415	0.00380	0.00356		
3866261.00		0.00727	0.00640	0.00515	0.00504 0.00478
0.00445	0.00389	0.00345	0.00309		
3865761.00		0.00519	0.00476	0.00483	0.00480 0.00460
0.00416	0.00362	0.00315	0.00276		
3865261.00		0.00474	0.00463	0.00471	0.00456 0.00437
0.00398	0.00349	0.00308	0.00259		
3864761.00		0.00463	0.00464	0.00452	0.00426 0.00417
0.00380	0.00335	0.00298	0.00256		

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1003

INCLUDING SOURCE(S): 1003 ,

\*\*\* NETWORK ID: COURSE ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD (METERS)		X-COORD (METERS)			
		439733.00	440233.00	440733.00	441233.00 441733.00
442233.00		442733.00	443233.00	443733.00	

3879761.00		0.01685	0.01595	0.01469	0.01340 0.01235
0.01102	0.01035	0.01000	0.01050		
3879261.00		0.01869	0.01759	0.01613	0.01470 0.01373
0.01247	0.01164	0.01168	0.01157		
3878761.00		0.02156	0.02013	0.01838	0.01682 0.01560
0.01444	0.01317	0.01256	0.01296		
3878261.00		0.02538	0.02390	0.02124	0.01892 0.01759

0.01663	0.01552	0.01437	0.01442		
3877761.00		0.03027	0.02626	0.02222	0.02148 0.02057
0.01912	0.01804	0.01689	0.01611		
3877261.00		0.03558	0.03205	0.02668	0.02499 0.02406
0.02283	0.02139	0.01975	0.01799		
3876761.00		0.03944	0.03201	0.03148	0.03035 0.02868
0.02684	0.02482	0.02200	0.01901		
3876261.00		0.04163	0.04092	0.03843	0.03416 0.02930
0.02868	0.02645	0.02201	0.01831		
3875761.00		0.05418	0.05276	0.04610	0.03288 0.02887
0.02805	0.02541	0.02032	0.01663		
3875261.00		0.05773	0.06354	0.05440	0.04280 0.03350
0.02780	0.02244	0.01787	0.01459		
3874761.00		0.06468	0.06951	0.05540	0.04208 0.03183
0.02440	0.01926	0.01598	0.01372		
3874261.00		0.08797	0.06761	0.04899	0.03626 0.02730
0.02172	0.01825	0.01595	0.01420		
3873761.00		0.08594	0.05996	0.04312	0.03280 0.02656
0.02244	0.01944	0.01721	0.01542		
3873261.00		0.08161	0.05754	0.04386	0.03543 0.02966
0.02527	0.02186	0.01925	0.01728		
3872761.00		0.08171	0.06173	0.04905	0.04031 0.03369
0.02860	0.02495	0.02201	0.01941		
3872261.00		0.07683	0.05897	0.04716	0.03924 0.03278
0.02722	0.02395	0.02109	0.01856		
3871761.00		0.06361	0.05032	0.04026	0.03414 0.02940
0.02466	0.02088	0.01822	0.01627		
3871261.00		0.05018	0.04084	0.03349	0.02732 0.02312
0.01998	0.01733	0.01538	0.01402		
3870761.00		0.03801	0.03102	0.02698	0.02348 0.01892
0.01669	0.01393	0.01182	0.01076		
3870261.00		0.03300	0.02421	0.02200	0.01895 0.01576
0.01271	0.01182	0.01077	0.00938		
3869761.00		0.01952	0.02066	0.01634	0.01383 0.01211
0.01080	0.00892	0.00972	0.00864		
3869261.00		0.01257	0.01395	0.01212	0.00899 0.00788
0.00772	0.00775	0.00815	0.00752		
3868761.00		0.00854	0.01012	0.01045	0.00723 0.00518
0.00518	0.00557	0.00632	0.00614		
3868261.00		0.00660	0.00741	0.00819	0.00803 0.00651
0.00492	0.00445	0.00495	0.00543		
3867761.00		0.00517	0.00572	0.00612	0.00635 0.00645
0.00622	0.00530	0.00416	0.00470		
3867261.00		0.00427	0.00460	0.00489	0.00509 0.00516
0.00525	0.00533	0.00505	0.00413		
3866761.00		0.00355	0.00370	0.00375	0.00403 0.00429
0.00430	0.00435	0.00426	0.00400		
3866261.00		0.00291	0.00301	0.00311	0.00320 0.00354
0.00376	0.00373	0.00363	0.00357		
3865761.00		0.00250	0.00257	0.00269	0.00272 0.00285

0.00317	0.00336	0.00325	0.00314		
3865261.00		0.00224	0.00223	0.00240	0.00246 0.00246
0.00265	0.00291	0.00304	0.00295		
3864761.00		0.00213	0.00191	0.00216	0.00228 0.00225
0.00228	0.00247	0.00273	0.00280		

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\*\*\* AERMET - VERSION 14134 \*\*\*  
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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

VALUES FOR SOURCE GROUP: 1003  
\*\*\* THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION  
\*\*\* INCLUDING SOURCE(S): 1003 ,

\*\*\* NETWORK ID: COURSE ; NETWORK TYPE:  
GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD (METERS)				X-COORD (METERS)
		444233.00	444733.00	445233.00 445733.00

3879761.00		0.01006	0.01006	0.01004	0.01009
3879261.00		0.01120	0.01116	0.01111	0.01092
3878761.00		0.01255	0.01228	0.01200	0.01185
3878261.00		0.01379	0.01357	0.01310	0.01263
3877761.00		0.01526	0.01486	0.01377	0.01262
3877261.00		0.01645	0.01547	0.01356	0.01165
3876761.00		0.01669	0.01453	0.01211	0.01031
3876261.00		0.01532	0.01293	0.01045	0.00917
3875761.00		0.01364	0.01115	0.00964	0.00877
3875261.00		0.01227	0.01084	0.00980	0.00900
3874761.00		0.01218	0.01102	0.01003	0.00917
3874261.00		0.01281	0.01168	0.01074	0.00993
3873761.00		0.01395	0.01278	0.01181	0.01094
3873261.00		0.01555	0.01413	0.01314	0.01223
3872761.00		0.01736	0.01565	0.01443	0.01347
3872261.00		0.01633	0.01496	0.01437	0.01368
3871761.00		0.01437	0.01362	0.01312	0.01241
3871261.00		0.01238	0.01161	0.01109	0.01060
3870761.00		0.00994	0.00927	0.00901	0.00835
3870261.00		0.00848	0.00779	0.00710	0.00683
3869761.00		0.00829	0.00677	0.00555	0.00563
3869261.00		0.00749	0.00691	0.00572	0.00536

3868761.00	0.00715	0.00660	0.00557	0.00555
3868261.00	0.00580	0.00529	0.00483	0.00448
3867761.00	0.00464	0.00425	0.00376	0.00354
3867261.00	0.00396	0.00366	0.00325	0.00312
3866761.00	0.00370	0.00333	0.00299	0.00273
3866261.00	0.00341	0.00305	0.00268	0.00254
3865761.00	0.00299	0.00275	0.00252	0.00225
3865261.00	0.00279	0.00251	0.00229	0.00211
3864761.00	0.00270	0.00244	0.00209	0.00185

^ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*  
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 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*  
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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1003 \*\*\*  
                                   INCLUDING SOURCE(S): 1003 ,

\*\*\* NETWORK ID: DESERTL ; NETWORK TYPE:  
 GRIDCART \*\*\*

\*\* CONC OF OTHER        IN MICROGRAMS/M\*\*3  
 \*\*

Y-COORD (METERS)	X-COORD (METERS)				
436100.40	435850.40	435900.40	435950.40	436000.40	436050.40
436150.40	436200.40	436250.40			

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3874157.00	0.31322	0.31726	0.32168	0.32693	0.33321
0.33951	0.34546	0.35082	0.35568		
3874107.00	0.32338	0.32979	0.33475	0.34119	0.34758
0.35409	0.36039	0.36676	0.37400		
3874057.00	0.32987	0.33878	0.34762	0.35536	0.36326
0.37051	0.37797	0.38660	0.39498		
3874007.00	0.34261	0.35200	0.36138	0.37009	0.37892
0.38828	0.39701	0.40593	0.41438		
3873957.00	0.36152	0.36673	0.37642	0.38622	0.39608
0.40644	0.41695	0.42709	0.43590		
3873907.00	0.37488	0.38301	0.39393	0.40499	0.41601
0.42780	0.43911	0.45017	0.46021		
3873857.00	0.38809	0.40118	0.41352	0.42600	0.43832
0.45033	0.46397	0.47646	0.48796		
3873807.00	0.40694	0.42169	0.43569	0.44979	0.46356
0.47810	0.49296	0.50678	0.51997		
3873757.00	0.42834	0.44508	0.46106	0.47745	0.49332

0.51002	0.52640	0.54183	0.55731		
3873707.00		0.45291	0.47209	0.49047	0.51001 0.52885
0.54730	0.56562	0.58338	0.60038		
3873657.00		0.48140	0.50365	0.52500	0.54689 0.56988
0.59165	0.61289	0.63296	0.65249		
3873607.00		0.51483	0.54105	0.56616	0.59264 0.61932
0.64596	0.67084	0.69316	0.71519		
3873557.00		0.55456	0.58606	0.61606	0.64852 0.68087
0.71265	0.74319	0.76823	0.79211		
3873507.00		0.60273	0.64146	0.67871	0.71867 0.75960
0.79804	0.83373	0.86449	0.89160		
3873457.00		0.66292	0.71208	0.76181	0.81284 0.86310
0.90938	0.95075	0.98771	1.01953		
3873407.00		0.74401	0.81199	0.87752	0.94348 1.00452
1.06069	1.11109	1.15292	1.19089		
3873357.00		0.85859	0.95679	1.05096	1.14088 1.21813
1.28393	1.33895	1.39027	1.43168		
3873307.00		1.04609	1.21226	1.35933	1.48144 1.57884
1.64946	1.70621	1.76457	1.80862		
3873257.00		1.47371	1.82899	2.08137	2.21644 2.35352
2.42019	2.47103	2.54347	2.58077		
3873207.00		2.15601	2.85880	3.20536	3.37980 3.59156
3.69203	3.76122	3.96037	4.03332		
3873157.00		2.37072	3.17543	3.50498	3.73559 3.96111
4.07920	4.30318	4.37312	4.46442		

\*\*\* AERMOD - VERSION 19191 \*\*\* \*\*  
 \*\*\* \*\*  
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\*\*\* AERMET - VERSION 14134 \*\*\* \*\*  
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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1003 \*\*\*

INCLUDING SOURCE(S): 1003 ,

\*\*\* NETWORK ID: DESERTL ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD					X-COORD (METERS)
(METERS)		436300.40	436350.40	436400.40	436450.40 436500.40
436550.40		436600.40	436650.40	436700.40	

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3874157.00		0.35939	0.36272	0.36647	0.37115 0.37484
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0.37650	0.37722	0.37846	0.37870		
3874107.00	0.37954	0.38285	0.38733	0.39127	0.39478
0.39696	0.39831	0.39937	0.40010		
3874057.00	0.40064	0.40495	0.40914	0.41284	0.41635
0.41942	0.42142	0.42293	0.42401		
3874007.00	0.42125	0.42672	0.43173	0.43622	0.44013
0.44357	0.44648	0.44905	0.45044		
3873957.00	0.44363	0.45064	0.45657	0.46232	0.46704
0.47104	0.47479	0.47795	0.47993		
3873907.00	0.46939	0.47795	0.48510	0.49143	0.49723
0.50225	0.50703	0.51052	0.51270		
3873857.00	0.49856	0.50846	0.51698	0.52477	0.53137
0.53782	0.54295	0.54692	0.54942		
3873807.00	0.53269	0.54330	0.55360	0.56258	0.57082
0.57791	0.58367	0.58814	0.59075		
3873757.00	0.57127	0.58375	0.59555	0.60590	0.61541
0.62348	0.62999	0.63515	0.63811		
3873707.00	0.61640	0.63129	0.64422	0.65675	0.66723
0.67630	0.68335	0.68906	0.69271		
3873657.00	0.67003	0.68705	0.70179	0.71606	0.72793
0.73788	0.74552	0.75187	0.75652		
3873607.00	0.73614	0.75468	0.77198	0.78704	0.80015
0.80973	0.81753	0.82542	0.83032		
3873557.00	0.81622	0.83728	0.85669	0.87357	0.88745
0.89744	0.90540	0.91226	0.91809		
3873507.00	0.91616	0.94144	0.96269	0.98004	0.99323
1.00369	1.01246	1.01793	1.02175		
3873457.00	1.04835	1.07525	1.09663	1.11380	1.12717
1.13731	1.14636	1.15094	1.15305		
3873407.00	1.22296	1.24932	1.27114	1.28723	1.30029
1.31137	1.31982	1.32112	1.32045		
3873357.00	1.46416	1.49051	1.50953	1.52593	1.53782
1.54660	1.55129	1.55046	1.54492		
3873307.00	1.83799	1.86046	1.87832	1.89067	1.89770
1.90499	1.90174	1.89265	1.87966		
3873257.00	2.58426	2.60290	2.60414	2.59506	2.60155
2.56878	2.56900	2.53489	2.49542		
3873207.00	4.08851	4.13720	4.26136	4.27671	4.69785
4.63722	4.17154	4.00880	3.77698		
3873157.00	4.50844	4.66149	4.71995	5.04326	5.06294
4.71488	4.44541	4.38317	3.94338		

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^ *** AERMOD - VERSION 19191 ***
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*** AERMET - VERSION 14134 ***
      *** 22:25:03

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION

VALUES FOR SOURCE GROUP: 1003

\*\*\*  
INCLUDING SOURCE(S): 1003 ,

\*\*\* NETWORK ID: DESERTL ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD (METERS)			X-COORD (METERS)
	436750.40	436800.40	436850.40

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3874157.00	0.37871	0.37753	0.37602
3874107.00	0.40016	0.39948	0.39827
3874057.00	0.42437	0.42390	0.42264
3874007.00	0.45105	0.45077	0.44960
3873957.00	0.48075	0.48070	0.47940
3873907.00	0.51384	0.51376	0.51300
3873857.00	0.55057	0.55119	0.55050
3873807.00	0.59277	0.59334	0.59304
3873757.00	0.64012	0.64146	0.64105
3873707.00	0.69565	0.69606	0.69598
3873657.00	0.75976	0.76015	0.75935
3873607.00	0.83330	0.83430	0.83279
3873557.00	0.91992	0.91953	0.91856
3873507.00	1.02400	1.02337	1.02041
3873457.00	1.15184	1.14896	1.14450
3873407.00	1.31469	1.30944	1.30512
3873357.00	1.53454	1.52569	1.51895
3873307.00	1.86296	1.85744	1.84907
3873257.00	2.40180	2.39289	2.38101
3873207.00	3.54988	3.54325	3.53218
3873157.00	3.94643	3.94564	3.94086

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\*\*\* AERMET - VERSION 14134 \*\*\*  
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\*\*\* MODELOPTs: RegDFault CONC ELEV FLGPOL RURAL

\*\*\* THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION  
\*\*\*

VALUES FOR SOURCE GROUP: 1003

INCLUDING SOURCE(S): 1003 ,

\*\*\* NETWORK ID: BORON ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD (METERS)	439957.60	440007.60	440057.60	X-COORD (METERS) 440107.60	440157.60
440207.60	440257.60	440307.60	440357.60		
3874057.00	0.07752	0.07503	0.07261	0.07026	0.06796
0.06570	0.06352	0.06141	0.05938		
3874007.00	0.07690	0.07437	0.07186	0.06949	0.06720
0.06499	0.06270	0.06060	0.05863		
3873957.00	0.07612	0.07357	0.07105	0.06867	0.06636
0.06412	0.06189	0.05981	0.05784		
3873907.00	0.07533	0.07272	0.07021	0.06780	0.06550
0.06326	0.06110	0.05902	0.05706		
3873857.00	0.07446	0.07190	0.06937	0.06695	0.06464
0.06244	0.06029	0.05829	0.05631		
3873807.00	0.07368	0.07106	0.06856	0.06615	0.06385
0.06167	0.05958	0.05756	0.05562		
3873757.00	0.07285	0.07026	0.06777	0.06540	0.06312
0.06096	0.05887	0.05688	0.05496		
3873707.00	0.07210	0.06951	0.06706	0.06470	0.06245
0.06029	0.05822	0.05627	0.05436		
3873657.00	0.07139	0.06881	0.06641	0.06407	0.06183
0.05969	0.05765	0.05568	0.05383		
3873607.00	0.07075	0.06823	0.06579	0.06351	0.06127
0.05917	0.05716	0.05521	0.05340		
3873557.00	0.07027	0.06772	0.06529	0.06303	0.06082
0.05875	0.05676	0.05482	0.05305		
3873507.00	0.06981	0.06728	0.06487	0.06260	0.06046
0.05841	0.05648	0.05463	0.05284		
3873457.00	0.06947	0.06696	0.06460	0.06236	0.06023
0.05824	0.05636	0.05455	0.05279		
3873407.00	0.06924	0.06676	0.06441	0.06222	0.06015
0.05817	0.05630	0.05457	0.05286		
3873357.00	0.06911	0.06666	0.06436	0.06218	0.06015
0.05823	0.05636	0.05461	0.05292		
3873307.00	0.06905	0.06662	0.06438	0.06224	0.06022
0.05830	0.05650	0.05471	0.05303		
3873257.00	0.06905	0.06668	0.06445	0.06232	0.06036
0.05849	0.05670	0.05495	0.05317		
3873207.00	0.06898	0.06660	0.06447	0.06246	0.06041
0.05853	0.05670	0.05507	0.05352		
3873157.00	0.06924	0.06702	0.06489	0.06268	0.06080
0.05877	0.05712	0.05555	0.05407		
3873107.00	0.06986	0.06738	0.06529	0.06334	0.06133
0.05949	0.05785	0.05630	0.05477		
3873057.00	0.07031	0.06815	0.06611	0.06401	0.06208

0.06037	0.05858	0.05699	0.05548		
3873007.00		0.07075	0.06864	0.06665	0.06477 0.06292
0.06114	0.05940	0.05788	0.05635		
3872957.00		0.07138	0.06932	0.06730	0.06522 0.06345
0.06179	0.06022	0.05845	0.05700		
3872907.00		0.07144	0.06944	0.06754	0.06574 0.06383
0.06217	0.06053	0.05906	0.05760		
3872857.00		0.07162	0.06966	0.06752	0.06577 0.06410
0.06247	0.06088	0.05918	0.05780		
3872807.00		0.07154	0.06963	0.06781	0.06607 0.06406
0.06245	0.06095	0.05929	0.05782		
3872757.00		0.07145	0.06957	0.06760	0.06590 0.06411
0.06247	0.06083	0.05941	0.05805		
3872707.00		0.07139	0.06940	0.06755	0.06564 0.06405
0.06252	0.06105	0.05951	0.05788		
3872657.00		0.07102	0.06915	0.06742	0.06533 0.06376
0.06226	0.06081	0.05938	0.05805		
3872607.00		0.07102	0.06879	0.06687	0.06504 0.06349
0.06229	0.06058	0.05921	0.05785		
3872557.00		0.07052	0.06840	0.06648	0.06486 0.06331
0.06184	0.06042	0.05907	0.05772		

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 \*\*\* 09/09/20  
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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1003  
 \*\*\* INCLUDING SOURCE(S): 1003 ,

\*\*\* NETWORK ID: BORON ; NETWORK TYPE:  
 GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

Y-COORD (METERS)				X-COORD (METERS)	
440657.60		440407.60	440457.60	440507.60	440557.60 440607.60
		440707.60	440757.60	440807.60	

3874057.00		0.05747	0.05560	0.05382	0.05211 0.05046
0.04886	0.04730	0.04577	0.04432		
3874007.00		0.05668	0.05485	0.05309	0.05135 0.04972
0.04814	0.04659	0.04510	0.04368		
3873957.00		0.05590	0.05409	0.05234	0.05062 0.04900

0.04743	0.04591	0.04445	0.04306		
3873907.00		0.05516	0.05335	0.05160	0.04993 0.04832
0.04676	0.04528	0.04384	0.04249		
3873857.00		0.05446	0.05263	0.05092	0.04924 0.04768
0.04616	0.04470	0.04332	0.04197		
3873807.00		0.05375	0.05197	0.05027	0.04864 0.04708
0.04560	0.04420	0.04286	0.04156		
3873757.00		0.05314	0.05137	0.04970	0.04810 0.04659
0.04516	0.04377	0.04246	0.04122		
3873707.00		0.05258	0.05084	0.04920	0.04763 0.04615
0.04474	0.04343	0.04218	0.04095		
3873657.00		0.05205	0.05039	0.04878	0.04727 0.04582
0.04445	0.04317	0.04195	0.04079		
3873607.00		0.05166	0.04999	0.04845	0.04699 0.04557
0.04423	0.04299	0.04181	0.04068		
3873557.00		0.05136	0.04976	0.04824	0.04677 0.04543
0.04412	0.04292	0.04178	0.04066		
3873507.00		0.05118	0.04963	0.04813	0.04674 0.04541
0.04416	0.04296	0.04186	0.04077		
3873457.00		0.05117	0.04961	0.04815	0.04681 0.04550
0.04430	0.04314	0.04205	0.04100		
3873407.00		0.05123	0.04971	0.04828	0.04698 0.04571
0.04453	0.04342	0.04232	0.04131		
3873357.00		0.05136	0.04988	0.04849	0.04721 0.04599
0.04484	0.04372	0.04265	0.04166		
3873307.00		0.05150	0.05010	0.04873	0.04748 0.04629
0.04516	0.04406	0.04302	0.04202		
3873257.00		0.05173	0.05036	0.04904	0.04777 0.04661
0.04549	0.04443	0.04338	0.04240		
3873207.00		0.05210	0.05075	0.04947	0.04825 0.04698
0.04580	0.04476	0.04376	0.04280		
3873157.00		0.05266	0.05128	0.04995	0.04863 0.04749
0.04639	0.04535	0.04435	0.04339		
3873107.00		0.05320	0.05185	0.05059	0.04939 0.04825
0.04715	0.04610	0.04509	0.04413		
3873057.00		0.05409	0.05277	0.05136	0.05016 0.04901
0.04791	0.04686	0.04585	0.04479		
3873007.00		0.05481	0.05347	0.05222	0.05102 0.04987
0.04877	0.04771	0.04669	0.04568		
3872957.00		0.05564	0.05434	0.05309	0.05190 0.05075
0.04964	0.04836	0.04735	0.04634		
3872907.00		0.05613	0.05479	0.05350	0.05232 0.05118
0.05009	0.04904	0.04802	0.04689		
3872857.00		0.05648	0.05511	0.05390	0.05273 0.05148
0.05031	0.04927	0.04827	0.04730		
3872807.00		0.05651	0.05522	0.05401	0.05285 0.05174
0.05066	0.04963	0.04863	0.04761		
3872757.00		0.05675	0.05527	0.05407	0.05292 0.05181
0.05060	0.04958	0.04859	0.04764		
3872707.00		0.05659	0.05523	0.05404	0.05290 0.05180

0.05074	0.04971	0.04859	0.04754		
3872657.00		0.05639	0.05513	0.05396	0.05283 0.05174
0.05069	0.04967	0.04869	0.04775		
3872607.00		0.05646	0.05508	0.05384	0.05272 0.05165
0.05061	0.04961	0.04865	0.04756		
3872557.00		0.05638	0.05487	0.05369	0.05250 0.05144
0.05042	0.04944	0.04849	0.04749		

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\*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

VALUES FOR SOURCE GROUP: 1003 \*\*\* THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION \*\*\*

INCLUDING SOURCE(S): 1003 ,

\*\*\* NETWORK ID: BORON ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD					X-COORD (METERS)
(METERS)		440857.60	440907.60	440957.60	441007.60 441057.60
441107.60	441157.60	441207.60	441257.60		

3874057.00		0.04290	0.04159	0.04031	0.03910	0.03792
0.03675	0.03564	0.03460	0.03361			
3874007.00		0.04230	0.04097	0.03977	0.03856	0.03742
0.03629	0.03522	0.03420	0.03326			
3873957.00		0.04171	0.04045	0.03925	0.03808	0.03697
0.03589	0.03484	0.03388	0.03297			
3873907.00		0.04118	0.03993	0.03876	0.03766	0.03658
0.03554	0.03454	0.03361	0.03273			
3873857.00		0.04071	0.03950	0.03837	0.03729	0.03624
0.03525	0.03431	0.03341	0.03257			
3873807.00		0.04034	0.03918	0.03806	0.03700	0.03599
0.03503	0.03412	0.03327	0.03246			
3873757.00		0.04003	0.03892	0.03783	0.03678	0.03581
0.03490	0.03402	0.03320	0.03242			
3873707.00		0.03980	0.03868	0.03764	0.03665	0.03570
0.03481	0.03398	0.03318	0.03243			
3873657.00		0.03965	0.03857	0.03755	0.03659	0.03569
0.03482	0.03401	0.03323	0.03250			
3873607.00		0.03958	0.03852	0.03755	0.03662	0.03573

0.03492	0.03412	0.03337	0.03265		
3873557.00		0.03961	0.03859	0.03763	0.03587
0.03508	0.03432	0.03359	0.03289		
3873507.00		0.03974	0.03877	0.03785	0.03695
0.03535	0.03462	0.03389	0.03320		0.03613
3873457.00		0.04002	0.03907	0.03816	0.03729
0.03572	0.03498	0.03426	0.03357		0.03647
3873407.00		0.04033	0.03940	0.03852	0.03767
0.03610	0.03538	0.03466	0.03398		0.03686
3873357.00		0.04070	0.03980	0.03892	0.03807
0.03649	0.03578	0.03506	0.03437		0.03727
3873307.00		0.04108	0.04017	0.03931	0.03846
0.03690	0.03616	0.03544	0.03476		0.03768
3873257.00		0.04145	0.04054	0.03969	0.03888
0.03731	0.03656	0.03585	0.03513		0.03808
3873207.00		0.04189	0.04101	0.04017	0.03936
0.03768	0.03696	0.03627	0.03549		0.03846
3873157.00		0.04247	0.04159	0.04066	0.03976
0.03822	0.03749	0.03678	0.03595		0.03897
3873107.00		0.04303	0.04214	0.04126	0.04044
0.03887	0.03813	0.03726	0.03655		0.03964
3873057.00		0.04385	0.04295	0.04208	0.04113
0.03954	0.03871	0.03798	0.03717		0.04032
3873007.00		0.04469	0.04370	0.04276	0.04191
0.04024	0.03948	0.03860	0.03789		0.04105
3872957.00		0.04539	0.04448	0.04355	0.04255
0.04091	0.04015	0.03940	0.03864		0.04171
3872907.00		0.04595	0.04495	0.04407	0.04255
0.04148	0.04071	0.03989	0.03917		0.04240
3872857.00		0.04637	0.04542	0.04452	0.04322
0.04189	0.04109	0.04035	0.03965		0.04240
3872807.00		0.04648	0.04556	0.04470	0.04353
0.04202	0.04128	0.04056	0.03986		0.04270
3872757.00		0.04672	0.04571	0.04476	0.04387
0.04228	0.04154	0.04065	0.03996		0.04290
3872707.00		0.04662	0.04574	0.04489	0.04385
0.04219	0.04145	0.04074	0.04002		0.04305
3872657.00		0.04684	0.04595	0.04480	0.04397
0.04239	0.04136	0.04065	0.03992		0.04318
3872607.00		0.04666	0.04579	0.04488	0.04395
0.04224	0.04150	0.04079	0.04009		0.04316
3872557.00		0.04641	0.04555	0.04473	0.04392
0.04235	0.04155	0.04060	0.03992		0.04307

^ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*\*  
                                     \*\*\*          09/09/20  
 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*  
                                     \*\*\*          22:25:03

VALUES FOR SOURCE GROUP: 1003  
 \*\*\* THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION  
 \*\*\*  
 INCLUDING SOURCE(S): 1003 ,

GRIDCART \*\*\*  
 \*\*\* NETWORK ID: BORON ; NETWORK TYPE:

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3  
 \*\*

Y-COORD (METERS)	441307.60	441357.60	441407.60	X-COORD (METERS) 441457.60
3874057.00	0.03269	0.03182	0.03098	0.03017
3874007.00	0.03237	0.03152	0.03071	0.02996
3873957.00	0.03211	0.03129	0.03051	0.02978
3873907.00	0.03192	0.03112	0.03038	0.02966
3873857.00	0.03176	0.03101	0.03030	0.02961
3873807.00	0.03168	0.03096	0.03026	0.02960
3873757.00	0.03167	0.03096	0.03028	0.02965
3873707.00	0.03169	0.03102	0.03037	0.02973
3873657.00	0.03179	0.03114	0.03050	0.02990
3873607.00	0.03197	0.03132	0.03070	0.03012
3873557.00	0.03221	0.03159	0.03096	0.03039
3873507.00	0.03255	0.03191	0.03132	0.03073
3873457.00	0.03292	0.03228	0.03170	0.03113
3873407.00	0.03331	0.03268	0.03208	0.03150
3873357.00	0.03370	0.03305	0.03244	0.03188
3873307.00	0.03407	0.03341	0.03279	0.03222
3873257.00	0.03445	0.03379	0.03318	0.03256
3873207.00	0.03480	0.03412	0.03347	0.03285
3873157.00	0.03529	0.03456	0.03389	0.03325
3873107.00	0.03588	0.03507	0.03441	0.03368
3873057.00	0.03642	0.03576	0.03500	0.03434
3873007.00	0.03720	0.03640	0.03569	0.03491
3872957.00	0.03781	0.03712	0.03627	0.03565
3872907.00	0.03848	0.03773	0.03695	0.03632
3872857.00	0.03882	0.03814	0.03749	0.03680
3872807.00	0.03918	0.03852	0.03766	0.03702
3872757.00	0.03929	0.03853	0.03774	0.03702
3872707.00	0.03929	0.03852	0.03781	0.03712
3872657.00	0.03925	0.03860	0.03791	0.03707
3872607.00	0.03923	0.03858	0.03783	0.03703
3872557.00	0.03925	0.03854	0.03782	0.03705

↑ \*\*\* AERMOD - VERSION 19191 \*\*\*  
 \*\*\* 09/09/20  
 \*\*\* AERMET - VERSION 14134 \*\*\*



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\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: 1003 \*\*\*

INCLUDING SOURCE(S): 1003 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)
Y-COORD (M)	CONC		
439914.00	3872794.00	0.07334	436263.00
3873356.00	1.44687		
435903.00	3873538.00	0.60722	435899.00
3873948.00	0.36917		
442261.30	3871403.00	0.02156	442263.60
3871503.00	0.02249		
442265.80	3871603.00	0.02324	442268.00
3871703.00	0.02393		
442270.30	3871803.00	0.02471	442272.50
3871903.00	0.02541		
442274.70	3872003.00	0.02577	442276.90
3872103.00	0.02631		
442279.20	3872203.00	0.02664	442281.40
3872303.00	0.02722		
442283.60	3872403.00	0.02770	442284.20
3872428.00	0.02781		
442184.30	3872431.00	0.02879	442084.30
3872435.00	0.02968		
441984.40	3872438.00	0.03061	441884.40
3872441.00	0.03172		
441784.50	3872445.00	0.03275	441684.50
3872448.00	0.03407		
441584.60	3872451.00	0.03512	441487.60
3872455.00	0.03653		
441485.00	3872355.00	0.03610	441482.40
3872255.00	0.03578		
441482.30	3872248.00	0.03575	441382.30
3872252.00	0.03722		
441283.60	3872255.00	0.03856	441281.30
3872155.00	0.03806		
441279.00	3872055.00	0.03735	441276.70

3871955.00	0.03653			
441274.30	3871855.00	0.03530	441274.10	
3871844.00	0.03521			
441174.10	3871847.00	0.03638	441074.20	
3871850.00	0.03726			
440974.20	3871853.00	0.03852	440874.30	
3871856.00	0.03991			
440774.30	3871859.00	0.04140	440676.30	
3871862.00	0.04321			
440674.00	3871762.00	0.04112	440671.70	
3871662.00	0.04016			
440669.30	3871562.00	0.03931	440667.00	
3871463.00	0.03781			
440666.80	3871450.00	0.03761	440766.70	
3871447.00	0.03590			
440866.70	3871444.00	0.03445	440966.60	
3871441.00	0.03289			
441066.60	3871438.00	0.03160	441166.50	
3871435.00	0.03042			
441266.50	3871432.00	0.02962	441366.40	
3871429.00	0.02901			
441466.40	3871426.00	0.02812	441566.40	
3871423.00	0.02726			
441666.30	3871420.00	0.02616	441766.30	
3871417.00	0.02542			
441866.20	3871415.00	0.02465	441966.20	
3871412.00	0.02342			
442066.10	3871409.00	0.02283	442166.10	
3871406.00	0.02208			
440693.20	3872567.00	0.04983	440695.70	
3872667.00	0.04987			
440696.30	3872690.00	0.04982	440596.30	
3872692.00	0.05193			
440496.30	3872695.00	0.05421	440495.40	
3872695.00	0.05423			
440496.80	3872723.00	0.05434	440396.80	
3872722.00	0.05689			
440296.80	3872722.00	0.05988	440196.80	
3872721.00	0.06279			
440096.80	3872720.00	0.06603	439996.80	
3872720.00	0.06990			
439896.80	3872719.00	0.07381	439887.70	
3872719.00	0.07418			
439885.90	3872619.00	0.07376	439885.10	
3872574.00	0.07384			
439985.10	3872573.00	0.06953	440085.10	
3872572.00	0.06557			
440185.10	3872571.00	0.06253	440285.10	
3872570.00	0.05966			

▲ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*\*

\*\*\* 09/09/20  
 \*\*\* AERMET - VERSION 14134 \*\*\*  
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1003  
 \*\*\* INCLUDING SOURCE(S): 1003 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)
Y-COORD (M)	CONC		
440385.10	3872570.00	0.05706	440485.10
3872569.00	0.05423		
440585.10	3872568.00	0.05203	440685.10
3872567.00	0.04998		
440685.70	3872275.00	0.04812	440688.30
3872375.00	0.04859		
440690.80	3872475.00	0.04949	440692.00
3872520.00	0.04948		
440592.00	3872522.00	0.05148	440492.00
3872523.00	0.05391		
440392.00	3872525.00	0.05645	440292.00
3872526.00	0.05935		
440192.10	3872528.00	0.06218	440092.10
3872529.00	0.06537		
439992.10	3872531.00	0.06926	439892.10
3872532.00	0.07304		
439884.50	3872532.00	0.07334	439883.00
3872432.00	0.07288		
439881.50	3872332.00	0.07161	439880.80
3872278.00	0.07086		
439980.80	3872278.00	0.06722	440080.80
3872277.00	0.06398		
440180.80	3872277.00	0.06067	440280.80
3872277.00	0.05799		
440380.80	3872276.00	0.05525	440480.80
3872276.00	0.05257		
440580.80	3872275.00	0.05022	440680.80
3872275.00	0.04821		
437456.80	3871498.00	0.51690	437556.80

3871496.00	0.38199			
437656.80	3871495.00	0.31180		437756.80
3871494.00	0.26573			
437856.80	3871492.00	0.23226		437956.80
3871491.00	0.20665			
438056.80	3871490.00	0.18591		438156.80
3871488.00	0.16839			
438256.80	3871487.00	0.15350		438356.80
3871486.00	0.14058			
438456.70	3871484.00	0.13197		438556.70
3871483.00	0.12173			
438656.70	3871482.00	0.11352		438756.70
3871480.00	0.10426			
438856.70	3871479.00	0.09623		438956.70
3871478.00	0.08748			
439056.70	3871476.00	0.08110		439156.70
3871475.00	0.07678			
439256.70	3871474.00	0.07240		439356.70
3871472.00	0.06794			
439456.60	3871471.00	0.06474		439556.60
3871470.00	0.06172			
439656.60	3871468.00	0.05917		439756.60
3871467.00	0.05749			
439856.60	3871466.00	0.05531		439877.70
3871465.00	0.05477			
439879.30	3871565.00	0.05686		439880.80
3871665.00	0.05825			
439882.40	3871765.00	0.05982		439884.00
3871865.00	0.06211			
439885.60	3871965.00	0.06570		439887.10
3872065.00	0.06677			
439888.70	3872165.00	0.06853		439890.30
3872265.00	0.07015			
439891.90	3872365.00	0.07184		439893.40
3872465.00	0.07245			
439895.00	3872565.00	0.07346		439896.60
3872665.00	0.07383			
439898.20	3872765.00	0.07408		439899.80
3872865.00	0.07411			
439901.30	3872965.00	0.07377		439902.90
3873065.00	0.07270			
439903.70	3873112.00	0.07231		439803.70
3873113.00	0.07746			
439703.70	3873114.00	0.08350		439603.70
3873115.00	0.09034			
439503.70	3873116.00	0.09806		439403.70
3873117.00	0.10677			
439303.70	3873118.00	0.11655		439203.70
3873120.00	0.12757			
439103.70	3873121.00	0.14022		439003.70

3873122.00 0.15446  
 ^ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*\*  
 \*\*\* 09/09/20  
 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*  
 \*\*\* 22:25:03

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION  
 \*\*\*  
 VALUES FOR SOURCE GROUP: 1003  
 INCLUDING SOURCE(S): 1003 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)
Y-COORD (M)	CONC		
438903.70	3873123.00	0.16994	438803.70
3873124.00	0.18750		
438703.70	3873125.00	0.20724	438603.70
3873126.00	0.22947		
438503.80	3873127.00	0.25561	438403.80
3873128.00	0.28615		
438303.80	3873129.00	0.32277	438203.80
3873130.00	0.36553		
438103.80	3873131.00	0.41652	438003.80
3873132.00	0.47852		
437903.80	3873133.00	0.55644	437803.80
3873134.00	0.65893		
437703.80	3873135.00	0.80368	437603.80
3873137.00	1.04746		
437503.80	3873138.00	1.53074	437449.40
3873138.00	2.14697		
437449.80	3873038.00	2.21877	437450.30
3872938.00	2.18539		
437450.80	3872838.00	2.19090	437451.20
3872738.00	2.14134		
437451.70	3872638.00	2.09765	437452.10
3872538.00	2.07455		
437452.60	3872438.00	2.00322	437453.00
3872338.00	1.97690		
437453.50	3872238.00	1.89432	437453.90
3872138.00	1.85121		
437454.40	3872038.00	1.77557	437454.80

3871938.00	1.68516			
437455.30	3871838.00	1.57130		437455.70
3871738.00	1.42534			
437456.20	3871638.00	1.21983		437456.60
3871538.00	0.81346			
435800.90	3871509.00	0.96096		435900.90
3871509.00	1.44707			
436000.90	3871509.00	1.68117		436100.90
3871509.00	1.75626			
436200.90	3871509.00	1.62928		436300.90
3871509.00	1.46450			
436400.90	3871509.00	1.39778		436500.90
3871509.00	1.33607			
436600.90	3871509.00	1.27633		436700.90
3871509.00	1.22342			
436800.90	3871509.00	1.16992		436900.90
3871509.00	1.11525			
437000.90	3871509.00	1.04531		437100.90
3871509.00	0.97663			
437200.90	3871510.00	0.91811		437300.90
3871510.00	0.85111			
437400.90	3871510.00	0.72084		437448.90
3871510.00	0.60700			
437448.90	3871610.00	1.21546		437448.90
3871710.00	1.46282			
437448.90	3871810.00	1.62918		437448.90
3871910.00	1.74089			
437448.90	3872010.00	1.82643		437448.90
3872110.00	1.90529			
437448.90	3872210.00	1.95063		437448.90
3872310.00	2.02206			
437448.90	3872410.00	2.05362		437448.90
3872510.00	2.11991			
437448.90	3872610.00	2.12566		437449.00
3872710.00	2.17656			
437449.00	3872810.00	2.22464		437449.00
3872910.00	2.19954			
437449.00	3873010.00	2.21763		437449.00
3873110.00	2.19645			
437449.00	3873210.00	1.94122		437449.00
3873211.00	1.93125			
437349.00	3873212.00	2.60331		437249.00
3873213.00	2.78934			
437149.00	3873215.00	2.96832		437049.00
3873216.00	3.22322			
436949.00	3873217.00	3.31391		436849.00
3873218.00	3.33667			
436749.10	3873220.00	3.32032		436649.10
3873221.00	3.66935			
436549.10	3873222.00	4.13673		436449.10

3873224.00 3.83221  
436349.10 3873225.00 3.71950 436249.10

3873226.00 3.62596  
\*\*\* AERMOD - VERSION 19191 \*\*\* \*\*\*  
\*\*\* 09/09/20

\*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*  
\*\*\* 22:25:03

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\*\*\* MODELOPTs: RegDFault CONC ELEV FLGPOL RURAL

\*\*\* THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: 1003 \*\*\*  
INCLUDING SOURCE(S): 1003 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)
Y-COORD (M)	CONC		
436149.10	3873228.00	3.37357	436049.10
3873229.00	3.18174		
435949.10	3873230.00	2.84464	435849.10
3873232.00	1.88836		
435835.80	3873232.00	1.63865	435833.70
3873132.00	2.04005		
435831.70	3873032.00	2.20022	435829.70
3872932.00	2.27149		
435827.70	3872832.00	2.34823	435825.60
3872732.00	2.37923		
435823.60	3872632.00	2.44975	435821.60
3872532.00	2.44995		
435819.60	3872432.00	2.44347	435817.50
3872332.00	2.44149		
435815.50	3872232.00	2.41870	435813.50
3872132.00	2.40660		
435811.50	3872032.00	2.35990	435809.40
3871932.00	2.29087		
435807.40	3871832.00	2.20242	435805.40
3871732.00	2.08794		
435803.40	3871632.00	1.88776	435801.40
3871532.00	1.30876		
435809.00	3873839.00	0.38255	435714.00
3873870.00	0.33592		
435619.00	3873902.00	0.29080	435524.10

3873933.00	0.24944			
435484.00	3873946.00	0.23549		435384.10
3873949.00	0.20979			
435284.10	3873952.00	0.18781		435184.20
3873956.00	0.16778			
435084.20	3873959.00	0.15097		434984.30
3873962.00	0.13705			
434884.30	3873965.00	0.12529		434784.30
3873968.00	0.11525			
434684.40	3873971.00	0.10658		434626.00
3873973.00	0.10216			
434568.80	3873891.00	0.10105		434511.60
3873809.00	0.10079			
434511.00	3873808.00	0.10079		434416.00
3873777.00	0.09655			
434404.00	3873773.00	0.09607		434346.10
3873855.00	0.09029			
434288.20	3873936.00	0.08471		434279.00
3873949.00	0.08385			
434180.20	3873964.00	0.07932		434081.30
3873980.00	0.07510			
434026.00	3873988.00	0.07308		433926.00
3873987.00	0.07028			
433826.00	3873985.00	0.06791		433726.00
3873984.00	0.06582			
433626.00	3873982.00	0.06385		433526.10
3873981.00	0.06187			
433426.10	3873980.00	0.06010		433326.10
3873978.00	0.05833			
433226.10	3873977.00	0.05662		433126.10
3873975.00	0.05492			
433026.10	3873974.00	0.05339		432967.00
3873973.00	0.05250			
432867.60	3873963.00	0.05108		432770.00
3873952.00	0.04987			
432681.60	3873905.00	0.04953		432679.00
3873904.00	0.04952			
432681.20	3873804.00	0.04953		432683.40
3873704.00	0.04982			
432685.70	3873604.00	0.05055		432687.90
3873504.00	0.05174			
432690.10	3873404.00	0.05356		432691.00
3873364.00	0.05433			
432791.00	3873364.00	0.05591		432891.00
3873364.00	0.05755			
432991.00	3873364.00	0.05928		433091.00
3873364.00	0.06110			
433191.00	3873364.00	0.06303		433291.00
3873364.00	0.06507			
433391.00	3873364.00	0.06728		433491.00



3873364.00 0.06993  
 433591.00 3873364.00 0.07258 433691.00  
 3873364.00 0.07540  
 433791.00 3873364.00 0.07859 433891.00  
 3873365.00 0.08200

▲ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*\*  
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 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*  
 \*\*\* 22:25:03

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

VALUES FOR SOURCE GROUP: 1003  
 \*\*\* THE PERIOD ( 43872 HRS) AVERAGE CONCENTRATION  
 \*\*\* INCLUDING SOURCE(S): 1003 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)
Y-COORD (M)	CONC		
433991.00	3873365.00	0.08569	434091.00
3873365.00	0.08990		
434191.00	3873365.00	0.09499	434291.00
3873365.00	0.10052		
434391.00	3873365.00	0.10711	434491.00
3873365.00	0.11417		
434591.00	3873365.00	0.12252	434691.00
3873365.00	0.13231		
434791.00	3873365.00	0.14431	434891.00
3873365.00	0.15854		
434991.00	3873365.00	0.17441	435091.00
3873365.00	0.19560		
435191.00	3873365.00	0.22154	435291.00
3873365.00	0.25226		
435391.00	3873365.00	0.29076	435491.00
3873365.00	0.34377		
435591.00	3873365.00	0.41925	435691.00
3873365.00	0.53049		
435791.00	3873365.00	0.70995	435836.00
3873365.00	0.80801		
435830.30	3873465.00	0.63122	435824.60
3873565.00	0.53006		
435818.90	3873665.00	0.46095	435813.30

3873764.00	0.41087			
433343.00	3874839.00	0.04445		433243.10
3874835.00	0.04278			
433143.20	3874831.00	0.04134		433043.30
3874827.00	0.04007			
432943.30	3874823.00	0.03898		432843.40
3874819.00	0.03800			
432809.00	3874817.00	0.03771		432808.50
3874717.00	0.03888			
432807.90	3874617.00	0.04035		432807.40
3874517.00	0.04210			
432807.00	3874449.00	0.04340		432707.00
3874448.00	0.04282			
432675.00	3874448.00	0.04262		432675.30
3874348.00	0.04449			
432675.70	3874248.00	0.04629		432676.00
3874164.00	0.04767			
432754.00	3874129.00	0.04879		432853.50
3874119.00	0.04974			
432953.00	3874109.00	0.05090		432999.00
3874104.00	0.05151			
433099.00	3874105.00	0.05275		433199.00
3874105.00	0.05418			
433299.00	3874106.00	0.05562		433399.00
3874106.00	0.05701			
433499.00	3874107.00	0.05852		433599.00
3874107.00	0.06023			
433699.00	3874108.00	0.06194		433799.00
3874108.00	0.06393			
433899.00	3874109.00	0.06607		433999.00
3874109.00	0.06867			
434099.00	3874110.00	0.07173		434169.00
3874110.00	0.07423			
434176.00	3874210.00	0.07234		434183.00
3874310.00	0.07128			
434190.00	3874409.00	0.07083		434197.00
3874509.00	0.07078			
434204.00	3874609.00	0.07120		434211.00
3874709.00	0.07168			
434217.90	3874808.00	0.07217		434218.00
3874809.00	0.07218			
434118.10	3874813.00	0.06776		434018.10
3874816.00	0.06363			
433918.20	3874819.00	0.05984		433818.20
3874823.00	0.05633			
433718.30	3874826.00	0.05326		433618.30
3874830.00	0.05049			
433518.40	3874833.00	0.04804		433418.50
3874837.00	0.04587			

▲ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*\*

\*\*\* 09/09/20  
 \*\*\* AERMET - VERSION 14134 \*\*\*  
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1001A \*\*\*  
 INCLUDING SOURCE(S): 1001A ,

\*\*\* NETWORK ID: COURSE ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD			X-COORD (METERS)
(METERS)	430733.00	431233.00	431733.00
432233.00	432733.00		

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-----				
3879761.0	41.02829 (13120417)	26.35076 (13120417)	26.44170 (11112117)	
42.17355 (11112117)	55.34415 (11112117)			
3879261.0	51.04176 (13120417)	49.59061 (13120417)	34.81968 (13120417)	
23.16409 (11112117)	41.42764 (11112117)			
3878761.0	42.05802 (13120417)	52.36216 (13120417)	53.23781 (13120417)	
42.45809 (13120417)	24.88706 (13120417)			
3878261.0	31.59241 (12013117)	37.56924 (13120417)	51.53275 (13120417)	
57.13083 (13120417)	51.37963 (13120417)			
3877761.0	42.10886 (12013117)	39.65061 (12013117)	32.81837 (12013117)	
47.39233 (13120417)	58.62802 (13120417)			
3877261.0	38.45344 (12013117)	44.39018 (12013117)	45.91136 (12013117)	
42.00247 (12013117)	41.71678 (13120417)			
3876761.0	44.86568 (13121208)	37.16762 (13121208)	42.79254 (12013117)	
49.05727 (12013117)	50.16554 (12013117)			
3876261.0	50.61931 (10102917)	52.65122 (13121208)	51.00765 (13121208)	
43.93306 (13121208)	48.06255 (12013117)			
3875761.0	48.49424 (10020408)	48.24961 (10102917)	54.71036 (10102917)	
57.18467 (13121208)	57.67359 (13121208)			
3875261.0	47.79276 (12121907)	52.05503 (10020408)	55.50542 (10020408)	
54.11820 (10020408)	58.46845 (10102917)			
3874761.0	53.61534 (12121907)	58.51447 (12121907)	59.71713 (12121907)	
57.33433 (12121907)	60.02259 (10020408)			
3874261.0	24.28022 (12121907)	35.38611 (12121907)	47.69886 (12121907)	
58.71447 (12121907)	66.68941 (12121907)			
3873761.0	19.17188 (12122017)	18.71366 (12122017)	17.88416 (12122017)	
19.92975 (12121907)	32.52518 (12121907)			
3873261.0	18.08781 (12122017)	20.30123 (12122017)	22.13311 (12122017)	

23.66450 (12122017)	24.91199 (12122017)		
3872761.0   33.22496 (13121007)	32.78654 (13121007)	32.28635 (13121007)	
31.61290 (13121007)	30.99338 (13121007)		
3872261.0   61.08495 (13121007)	63.54670 (13121007)	66.01065 (13121007)	
68.65597 (13121007)	71.31109 (13121007)		
3871761.0   40.06620 (13121007)	43.09870 (13121007)	46.47739 (13121007)	
50.14909 (13121007)	54.59732 (13121007)		
3871261.0   38.92798 (11122207)	42.61815 (11122207)	46.71622 (11122207)	
50.91406 (11122207)	55.82233 (11122207)		
3870761.0   45.99359 (11122207)	47.58260 (11122207)	49.38914 (11122207)	
50.38229 (11122207)	58.34296 (09113007)		
3870261.0   59.61689 (09113007)	65.22287 (09113007)	69.57745 (09113007)	
72.55212 (09113007)	72.61860 (09113007)		
3869761.0   46.65143 (09113007)	43.73537 (09112517)	47.68915 (09112517)	
49.91768 (09112517)	50.68669 (09112517)		
3869261.0   38.15439 (09112517)	37.12034 (09112517)	34.80495 (09112517)	
31.73983 (09112517)	26.40349 (09112517)		
3868761.0   21.24730 (09112517)	17.47001 (09112517)	14.23701 (10110217)	
15.26870 (10110217)	18.72129 (10102007)		
3868261.0   12.97540 (10110217)	14.22985 (10102007)	18.38068 (10102007)	
23.07473 (10102007)	36.22695 (12011217)		
3867761.0   18.21604 (10102007)	24.85724 (12011217)	36.18971 (12011217)	
44.08666 (12011217)	44.15492 (12011217)		
3867261.0   36.75111 (12011217)	41.87218 (12011217)	39.59669 (12011217)	
45.93700 (09011517)	49.22903 (09011517)		
3866761.0   38.56388 (12011217)	45.62561 (09011517)	49.48123 (09011517)	
42.20718 (12112717)	51.43060 (12112717)		
3866261.0   49.07679 (09011517)	39.64270 (09011517)	49.03596 (12112717)	
45.32156 (12112717)	43.45128 (12122817)		
3865761.0   47.23073 (12112717)	46.66248 (12112717)	39.13288 (12122817)	
37.49272 (12122817)	39.25800 (11111017)		
3865261.0   37.04706 (12112717)	35.89507 (12122817)	31.81385 (11111017)	
36.83883 (11111017)	38.33386 (09013007)		
3864761.0   30.52727 (12122817)	31.66605 (11111017)	32.94677 (11111017)	
38.01682 (09013007)	40.56757 (09013007)		

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1001A \*\*\*  
 INCLUDING SOURCE(S): 1001A ,

\*\*\* NETWORK ID: COURSE ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD				X-COORD (METERS)
(METERS)	433233.00		433733.00	434233.00
434733.00		435233.00		

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3879761.0	55.68082 (11112117)	38.77075 (11112117)	31.92051 (10012807)
29.15227 (09012607)	49.76482 (09012607)		
3879261.0	56.75754 (11112117)	62.07065 (11112117)	42.23329 (11112117)
33.33101 (10012807)	34.09213 (09012607)		
3878761.0	40.94102 (11112117)	57.35442 (11112117)	63.45230 (11112117)
46.82462 (11112117)	35.18473 (10012807)		
3878261.0	34.87715 (13120417)	40.42463 (11112117)	59.05799 (11112117)
67.31318 (11112117)	57.60255 (11112117)		
3877761.0	59.30942 (13120417)	46.86270 (13120417)	39.77608 (11112117)
59.38837 (11112117)	70.50844 (11112117)		
3877261.0	57.71797 (13120417)	65.09779 (13120417)	58.60700 (13120417)
38.99897 (11112117)	60.07123 (11112117)		
3876761.0	44.93370 (12013117)	54.17854 (13120417)	67.39184 (13120417)
68.18288 (13120417)	51.66742 (13120417)		
3876261.0	55.07002 (12013117)	55.36546 (12013117)	48.21445 (12013117)
66.36104 (13120417)	75.34415 (13120417)		
3875761.0	52.00127 (13121208)	54.73759 (12013117)	61.59388 (12013117)
60.93682 (12013117)	62.77163 (13120417)		
3875261.0	62.32816 (10102917)	64.78958 (13121208)	60.70760 (13121208)
62.05652 (12013117)	69.73213 (12013117)		
3874761.0	62.93682 (10020408)	61.21976 (10102917)	68.77274 (10102917)
72.22316 (13121208)	71.11829 (13121208)		
3874261.0	69.67839 (12121907)	68.59145 (12121907)	70.19389 (10020408)
72.64760 (10020408)	76.63071 (10102917)		
3873761.0	48.19173 (12121907)	64.20236 (12121907)	76.76040 (12121907)
83.08867 (12121907)	83.93157 (12121907)		
3873261.0	25.57382 (12122017)	25.65631 (12122017)	27.33676 (12121907)
47.10233 (12121907)	70.99491 (12121907)		
3872761.0	30.28111 (13121007)	29.46353 (13121007)	28.58573 (13121007)
31.77763 (12122017)	35.22670 (12122017)		
3872261.0	73.99381 (13121007)	76.72885 (13121007)	79.78429 (13121007)
82.95444 (13121007)	86.58605 (13121007)		
3871761.0	59.59417 (13121007)	65.21610 (13121007)	71.95201 (13121007)
80.00880 (13121007)	89.38057 (13121007)		
3871261.0	61.19588 (11122207)	66.93859 (11122207)	73.63571 (11122207)
80.81574 (11122207)	88.96875 (11122207)		
3870761.0	69.11930 (09113007)	80.30572 (09113007)	91.56012 (09113007)
102.13262 (09113007)	110.77346 (09113007)		
3870261.0	70.66334 (09113007)	65.01683 (09113007)	67.81863 (09112517)
71.86309 (09112517)	73.38257 (09112517)		
3869761.0	50.20969 (09112517)	47.04474 (09112517)	41.81894 (09112517)

35.01018	(09112517)	28.25225	(10102007)		
3869261.0	21.17522	(09112517)	19.00460	(10102007)	26.14817 (10102007)
35.93523	(12011217)	60.76900	(12011217)		
3868761.0	24.51404	(10102007)	36.21372	(12011217)	53.52273 (12011217)
62.83039	(12011217)	74.04655	(09011517)		
3868261.0	47.98847	(12011217)	51.68599	(12011217)	60.32909 (09011517)
67.20812	(09011517)	81.80583	(12112717)		
3867761.0	50.99917	(09011517)	56.08526	(09011517)	62.62566 (12112717)
68.74076	(12112717)	64.76072	(12122817)		
3867261.0	49.75339	(12112717)	58.60754	(12112717)	55.97144 (12122817)
53.54771	(11111017)	65.29896	(11111017)		
3866761.0	46.34952	(12112717)	48.21987	(12122817)	51.16975 (11111017)
63.78921	(09013007)	58.64194	(09013007)		
3866261.0	40.36877	(11111017)	46.20762	(11111017)	52.74766 (09013007)
53.32436	(09013007)	17.63743	(12031507)		
3865761.0	39.87059	(11111017)	49.51927	(09013007)	48.72369 (09013007)
16.57686	(12031507)	10.35808	(09092807)		
3865261.0	45.26159	(09013007)	40.48522	(09013007)	18.24431 (12031507)
11.22297	(09092807)	9.03490	(09092807)		
3864761.0	31.64431	(09013007)	16.23035	(12031507)	16.93525 (12031507)
11.34961	(09092807)	5.54661	(13120609)		

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\*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

VALUES FOR SOURCE GROUP: 1001A \*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION \*\*\*

INCLUDING SOURCE(S): 1001A ,

\*\*\* NETWORK ID: COURSE ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD			X-COORD (METERS)
(METERS)	435733.00	436233.00	436733.00
	437233.00	437733.00	

3879761.0	68.44043	(09012607)	69.57931	(12110107)	69.03791 (12110107)
73.98971	(13123017)	68.70557	(13123017)		
3879261.0	57.25188	(09012607)	82.36376	(09012607)	84.41709 (12110107)
61.70986	(12110107)	85.54419	(13123017)		
3878761.0	46.37834	(09012607)	75.01310	(09012607)	86.67615 (09012607)

89.01614 (12110107)	83.93586 (13123017)		
3878261.0   38.96092 (10012807)	56.81047 (09012607)	77.27092 (09012607)	
68.71222 (09012607)	70.88617 (12110107)		
3877761.0   58.07840 (11112117)	39.62280 (10012807)	50.32331 (09012607)	
73.59882 (09012607)	75.60378 (12110107)		
3877261.0   74.96530 (11112117)	65.22277 (11112117)	41.90005 (10012807)	
64.14483 (09012607)	95.40000 (09012607)		
3876761.0   60.58075 (11112117)	79.71913 (11112117)	73.57920 (11112117)	
50.41537 (09012607)	82.73526 (09012607)		
3876261.0   67.20583 (13120417)	61.70771 (11112117)	84.11034 (11112117)	
84.68401 (11112117)	56.84524 (09012607)		
3875761.0   78.46861 (13120417)	81.04185 (13120417)	63.41802 (11112117)	
89.65248 (11112117)	93.40447 (11112117)		
3875261.0   67.78273 (12013117)	78.77978 (13120417)	92.02337 (13120417)	
82.78101 (13120417)	94.56847 (11112117)		
3874761.0   72.33283 (12013117)	80.85089 (12013117)	77.81686 (12013117)	
97.38564 (13120417)	102.95696 (13120417)		
3874261.0   82.06723 (13121208)	83.56332 (13121208)	86.60870 (12013117)	
95.31453 (12013117)	98.31459 (13120417)		
3873761.0   85.13258 (10020408)	87.00846 (10020408)	95.16352 (10102917)	
99.66538 (13121208)	105.80106 (12013117)		
3873261.0   92.23880 (12121907)	104.16666 (12121907)	107.20710 (12121907)	
107.56761 (10020408)	113.38110 (10102917)		
3872761.0   37.82863 (12122017)	42.62913 (12121907)	78.78356 (12121907)	
118.75037 (12121907)	142.00023 (12121907)		
3872261.0   90.66974 (13121007)	95.06037 (13121007)	100.30353 (13121007)	
107.18626 (13121007)	115.67306 (13121007)		
3871761.0   100.65075 (13121007)	114.37477 (13121007)	130.83494 (13121007)	
151.47550 (13121007)	177.81850 (13121007)		
3871261.0   97.98856 (11122207)	107.05579 (11122207)	121.20107 (09113007)	
151.31114 (09113007)	189.35570 (09113007)		
3870761.0   116.43991 (09113007)	117.27725 (09113007)	118.97691 (09112517)	
141.47961 (09112517)	142.27957 (09112517)		
3870261.0   71.40436 (09112517)	65.04646 (09112517)	54.78468 (09112517)	
77.58005 (12011217)	131.01474 (12011217)		
3869761.0   41.79736 (10102007)	69.25740 (12011217)	102.60160 (12011217)	
121.23346 (09011517)	143.91492 (12112717)		
3869261.0   79.47275 (12011217)	94.87052 (09011517)	105.51846 (12112717)	
116.25209 (12112717)	56.87036 (11111017)		
3868761.0   82.53414 (09011517)	100.52383 (12112717)	99.25799 (12122817)	
83.42324 (11111017)	41.92889 (12121917)		
3868261.0   77.62896 (12112717)	85.79027 (11111017)	79.69907 (09013007)	
22.24299 (12121917)	14.47651 (09092807)		
3867761.0   80.95398 (11111017)	72.46514 (09013007)	20.59431 (12121917)	
15.11744 (09092807)	8.71065 (09092807)		
3867261.0   74.52242 (09013007)	20.63978 (12121917)	15.49275 (09092807)	
8.40081 (09092807)	5.66336 (10082007)		
3866761.0   17.12208 (12031507)	13.53868 (09092807)	9.44412 (09092807)	
5.66646 (13120609)	9.63870 (13020117)		
3866261.0   13.01562 (09092807)	7.78745 (09092807)	5.86960 (13020117)	

9.03736 (13020117)	7.31463 (10082007)		
3865761.0   7.75062 (09092807)	5.64809 (13120609)	8.85813 (13020117)	
7.50939 (13020117)	7.40458 (11082307)		
3865261.0   5.59242 (13120609)	8.95392 (13020117)	8.67312 (13020117)	
7.16343 (11082307)	6.70742 (09121009)		
3864761.0   8.92028 (13020117)	10.24488 (13020117)	6.49845 (11082307)	
6.87313 (09121009)	5.14264 (09121009)		

\*\*\* AERMOD - VERSION 19191 \*\*\*  
 \*\*\* 09/09/20

\*\*\* AERMET - VERSION 14134 \*\*\*  
 \*\*\* 22:25:03

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1001A \*\*\*  
 INCLUDING SOURCE(S): 1001A ,

\*\*\* NETWORK ID: COURSE ; NETWORK TYPE:  
 GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD			X-COORD (METERS)
(METERS)	438233.00	438733.00	439233.00
439733.00	440233.00		

3879761.0	68.46781 (13110817)	84.04307 (13110817)	75.27994 (12032707)
81.58778 (09102117)	77.77879 (12101107)		
3879261.0	58.80923 (09122317)	89.33127 (13110817)	82.73767 (12032707)
78.68762 (09102117)	77.21170 (12101107)		
3878761.0	82.16387 (13123017)	82.93538 (13110817)	90.01316 (13110817)
73.39228 (12032707)	90.77631 (09102117)		
3878261.0	92.96253 (13123017)	68.70731 (09122317)	102.28798 (13110817)
91.53448 (12032707)	96.62818 (09102117)		
3877761.0	81.88635 (13123017)	94.32547 (13123017)	98.02655 (13110817)
97.92379 (12032707)	100.39674 (09102117)		
3877261.0	97.29861 (12110107)	102.01043 (13123017)	81.70492 (09122317)
113.95548 (13110817)	96.16641 (09102117)		
3876761.0	99.78443 (09012607)	98.13726 (12110107)	112.53399 (13123017)
120.43000 (13110817)	116.25636 (12032707)		
3876261.0	92.09832 (09012607)	107.84219 (12110107)	124.59289 (13123017)
112.70978 (13110817)	128.27407 (13110817)		
3875761.0	69.43373 (09012607)	119.47608 (09012607)	147.05161 (12110107)
141.52892 (13123017)	135.72674 (13110817)		
3875261.0	109.36069 (11112117)	90.92685 (09012607)	158.62291 (09012607)



157.62762	(12110107)	126.99749	(13110817)		
3874761.0	102.24714	(11112117)	133.31395	(11112117)	130.53962 (09012607)
181.86323	(09012607)	153.95666	(13123017)		
3874261.0	120.02800	(13120417)	110.31384	(13120417)	162.99206 (11112117)
137.05353	(09012607)	165.11300	(12110107)		
3873761.0	115.40718	(12013117)	130.30585	(13120417)	141.62135 (13120417)
165.60137	(11112117)	173.30873	(09012607)		
3873261.0	119.91764	(13121208)	131.04504	(12013117)	147.59641 (12013117)
180.69989	(13120417)	205.74957	(11112117)		
3872761.0	143.77142	(12121907)	144.62085	(10102917)	151.06522 (13121208)
177.83601	(12013117)	219.28443	(13120417)		
3872261.0	124.66099	(13121007)	158.55596	(12121907)	223.91750 (12121907)
227.24581	(12121907)	235.85059	(12013117)		
3871761.0	211.62920	(13121007)	257.01608	(13121007)	318.76278 (13121007)
388.67452	(13121007)	476.35267	(13121007)		
3871261.0	233.75590	(09113007)	264.52806	(09113007)	312.04787 (09113007)
334.91862	(09112517)	427.44058	(10102007)		
3870761.0	131.59291	(09112517)	167.96467	(12011217)	214.65610 (10102007)
234.81696	(12112717)	233.10510	(09013007)		
3870261.0	157.95091	(09011517)	182.01893	(12112717)	173.98092 (09013007)
165.82691	(09013007)	166.92510	(09010507)		
3869761.0	133.38337	(12122817)	148.91284	(09013007)	117.68458 (09013007)
147.27860	(09010507)	171.93927	(09010207)		
3869261.0	32.22882	(12121917)	74.11657	(09013007)	104.57279 (09010507)
103.62545	(13010208)	138.23509	(09010207)		
3868761.0	25.17703	(12031507)	45.26796	(09010507)	58.98289 (10012008)
74.23443	(09010207)	94.04894	(09010207)		
3868261.0	11.55777	(09092807)	26.62772	(13020117)	30.47316 (13010208)
44.42866	(09010207)	56.67105	(09030207)		
3867761.0	10.88856	(13020117)	18.66672	(13020117)	18.15636 (11120917)
22.31153	(09030207)	31.00598	(10101507)		
3867261.0	8.96109	(13020117)	10.77915	(10020517)	12.24425 (09012908)
17.55701	(09012908)	24.18341	(10101507)		
3866761.0	8.68942	(10020517)	7.53725	(10020517)	11.59925 (09012908)
11.57177	(09012908)	14.87682	(09031707)		
3866261.0	7.45535	(09121009)	7.02746	(11121209)	9.45084 (13100407)
6.60719	(09031707)	9.49578	(09031707)		
3865761.0	6.00796	(09121009)	7.62337	(11121209)	6.79217 (13100407)
6.73868	(09090207)	7.41579	(09090207)		
3865261.0	6.54433	(11121209)	7.25295	(11121209)	4.48785 (09072207)
7.18812	(09090207)	7.41221	(10030508)		
3864761.0	7.24230	(11121209)	6.13017	(13100407)	5.13447 (09090207)
7.33007	(09090207)	7.53191	(10030508)		

▲ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*\*

\*\*\* 09/09/20

\*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

VALUES FOR SOURCE GROUP: 1001A \*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 INCLUDING SOURCE(S): 1001A ,

GRIDCART \*\*\* \*\* NETWORK ID: COURSE ; NETWORK TYPE:

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

Y-COORD | X-COORD (METERS)  
 (METERS) | 440733.00 441233.00 441733.00  
 442233.00 442733.00

3879761.0	76.17013	(13010917)	62.41593	(11112407)	49.90415	(12111517)
22.67754	(10021007)	12.12535	(13102417)			
3879261.0	88.29719	(13010917)	74.89970	(11112407)	61.28052	(12111517)
29.46725	(10021007)	14.52029	(13102417)			
3878761.0	102.23840	(13010917)	97.21141	(11112407)	78.12525	(12111517)
46.64370	(10021007)	23.92672	(09012717)			
3878261.0	109.42553	(13010917)	108.36075	(11112407)	91.22968	(12111517)
59.03291	(10021007)	55.09623	(09012717)			
3877761.0	111.33289	(13010917)	118.62040	(09121717)	105.66381	(12111517)
74.18122	(13120517)	79.19241	(13120517)			
3877261.0	113.10884	(13010917)	125.24968	(09121717)	112.38622	(12111517)
86.66397	(13120517)	99.33149	(09021007)			
3876761.0	115.41347	(09102117)	132.07460	(09121717)	121.32623	(12111517)
99.20187	(13120517)	107.15588	(09021007)			
3876261.0	125.05238	(09102117)	143.26742	(09121717)	137.09504	(11112407)
112.28259	(13120517)	114.95279	(10022507)			
3875761.0	128.64416	(09102117)	103.17808	(13010917)	97.63707	(12111517)
125.78965	(13120517)	120.37297	(10022507)			
3875261.0	133.52318	(12032707)	161.23422	(13010917)	171.73002	(11112407)
134.62933	(13120517)	130.37327	(09122808)			
3874761.0	155.14112	(13110817)	154.19403	(13010917)	166.74810	(11112407)
141.20621	(09021007)	137.75035	(09122808)			
3874261.0	163.35742	(13110817)	161.71412	(13010917)	180.07867	(11112407)
151.07816	(09021007)	149.26495	(11110817)			
3873761.0	196.01471	(13123017)	199.38583	(13110817)	207.19306	(11112407)
170.78541	(09021007)	181.91867	(11122017)			
3873261.0	228.83395	(09012607)	255.93742	(13110817)	255.94618	(11112407)
211.45403	(11110817)	236.87552	(12011107)			
3872761.0	284.01328	(11112117)	360.23085	(09012607)	357.16427	(11112407)
331.86310	(12011107)	336.28324	(13010717)			
3872261.0	293.99881	(12013117)	497.93759	(13120417)	438.80968	(13123017)
573.57314	(09110217)	311.31877	(09110217)			
3871761.0	619.55961	(13121007)	481.12295	(09113007)	405.38317	(09010207)

511.20155 (13121217) 331.97697 (13121217)  
3871261.0 | 418.23194 (10102007) 460.05847 (09010207) 410.91297 (09010207)  
386.91362 (12112107) 275.71807 (12022307)  
3870761.0 | 264.26975 (09010207) 274.39769 (09010207) 177.47137 (10010408)  
213.18090 (12112107) 194.75299 (13120607)  
3870261.0 | 195.97604 (09010207) 135.28877 (10101507) 95.92916 (10010408)  
55.54510 (13020708) 67.33109 (09103017)  
3869761.0 | 117.48411 (09010207) 65.53739 (10101507) 53.88647 (09121117)  
46.30356 (13020708) 28.66340 (12120608)  
3869261.0 | 73.77245 (09030207) 38.38710 (09121117) 30.11774 (09121117)  
25.31332 (13020708) 27.33108 (12120608)  
3868761.0 | 78.51694 (10101507) 35.50669 (09121117) 17.37476 (09121117)  
15.59786 (11121217) 17.60064 (11121307)  
3868261.0 | 66.61011 (10101507) 55.43929 (13020407) 27.37282 (09121117)  
16.73605 (11121217) 15.56789 (11121307)  
3867761.0 | 46.55897 (10101507) 43.42573 (13020407) 40.45774 (10010408)  
37.12192 (13020708) 25.07185 (09021307)  
3867261.0 | 30.84626 (10101507) 34.63668 (09121117) 29.30075 (10010408)  
34.16328 (13020708) 31.26249 (09021307)  
3866761.0 | 20.91354 (09100107) 24.23587 (09121117) 19.74101 (13011508)  
24.91348 (13020708) 25.09064 (12102517)  
3866261.0 | 16.13587 (09100107) 16.78424 (09121117) 15.08104 (13011508)  
18.85863 (13020708) 19.39753 (12102517)  
3865761.0 | 12.03447 (09100107) 12.06172 (09121117) 10.90625 (13011508)  
12.95208 (13020708) 15.31644 (13020708)  
3865261.0 | 9.68005 (09100107) 8.78534 (09121117) 9.08972 (12091907)  
11.07488 (11121217) 11.62678 (13020708)  
3864761.0 | 8.20507 (09100107) 7.44196 (13010107) 8.90410 (12091907)  
9.79863 (11121217) 9.51433 (13020708)

▲ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*  
\*\*\* 09/09/20  
\*\*\* AERMET - VERSION 14134 \*\*\* \*\*  
\*\*\* 22:25:03

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: 1001A \*\*\*  
INCLUDING SOURCE(S): 1001A ,

\*\*\* NETWORK ID: COURSE ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD | X-COORD (METERS)  
(METERS) | 443233.00 443733.00 444233.00  
444733.00 445233.00

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3879761.0	9.19038 (10082507)	17.27878 (09020308)	14.84963 (12012417)
24.31494 (12013017)	23.31702 (12013017)		
3879261.0	20.05798 (09020308)	24.16400 (09122808)	22.26305 (12012417)
30.49537 (12013017)	32.45203 (10102517)		
3878761.0	15.82188 (09020308)	37.26639 (12012417)	32.54847 (12013017)
33.82885 (12013017)	40.46410 (11110817)		
3878261.0	29.75916 (09020308)	44.94731 (12012417)	38.86185 (12013017)
47.51615 (10102517)	57.03078 (11110817)		
3877761.0	61.33475 (09122808)	57.83600 (12012417)	46.26831 (10102517)
74.45908 (11110817)	76.10958 (11122017)		
3877261.0	91.20628 (09122808)	75.77477 (12012417)	74.71183 (11110817)
89.75982 (11110817)	87.95674 (11122017)		
3876761.0	104.21564 (09122808)	72.72365 (10102517)	103.86475 (11110817)
107.14930 (11122017)	103.93835 (12122708)		
3876261.0	106.43761 (12012417)	101.63889 (11110817)	109.32129 (11122017)
110.63763 (12122708)	106.64312 (09111717)		
3875761.0	106.93022 (12012417)	124.13160 (11110817)	120.02628 (11122017)
120.77287 (09111717)	124.35291 (12011107)		
3875261.0	123.90845 (11110817)	135.38280 (11122017)	135.61099 (09111717)
135.79812 (12011107)	129.30487 (12111417)		
3874761.0	142.42258 (11110817)	146.99694 (12122708)	152.25416 (12011107)
144.98266 (12111417)	112.40427 (13010717)		
3874261.0	158.48335 (11122017)	168.41340 (12011107)	164.06042 (12111417)
141.23830 (13010717)	123.64787 (13103117)		
3873761.0	190.68176 (12011107)	185.95574 (12111417)	167.07172 (13010717)
154.50000 (13103117)	128.81203 (09110217)		
3873261.0	232.16250 (12111417)	209.15797 (13103117)	175.92176 (09110217)
126.11931 (09110217)	72.49386 (09030307)		
3872761.0	266.37484 (09110217)	180.60463 (09110217)	98.06155 (09030307)
69.21482 (09030307)	52.35408 (09011407)		
3872261.0	178.11106 (13121217)	151.20654 (13121217)	134.59076 (13121217)
122.72438 (13121217)	113.13738 (13121217)		
3871761.0	243.76818 (09111617)	195.84433 (09111617)	172.59526 (09111617)
137.28190 (09111617)	117.88287 (09111617)		
3871261.0	205.60608 (12022307)	184.58502 (12112617)	160.71199 (12112617)
141.89352 (12112617)	122.46447 (12112617)		
3870761.0	131.83724 (10110207)	116.04622 (13111317)	102.83283 (09010807)
117.50193 (12022307)	111.81924 (12022307)		
3870261.0	84.77448 (09010608)	86.34913 (13012117)	85.00441 (10031507)
78.47277 (13021307)	65.37066 (11121207)		
3869761.0	39.72019 (09010608)	35.56124 (09010608)	57.28018 (13020507)
38.02445 (10012608)	20.57973 (10012617)		
3869261.0	34.32426 (09103017)	23.71173 (09010608)	26.90141 (13022207)
27.85727 (13012117)	23.39051 (13012117)		
3868761.0	22.01621 (12120608)	17.99983 (12111317)	33.03582 (09010608)
22.68403 (13022207)	20.26235 (12112808)		
3868261.0	19.49911 (12120608)	23.86332 (09103017)	20.84779 (13120607)

19.07075 (09010608) 17.54017 (12112808)  
3867761.0 | 14.79171 (12120608) 20.96555 (09103017) 18.82992 (12111317)  
13.67530 (09123107) 12.05948 (09020508)  
3867261.0 | 23.12576 (12120608) 17.70911 (12120608) 17.63787 (09103017)  
12.97146 (13030807) 10.27029 (09123107)  
3866761.0 | 22.93410 (09021307) 19.99707 (12120608) 14.73726 (09103017)  
12.11290 (12111317) 9.94147 (13030807)  
3866261.0 | 19.57186 (09021307) 18.46062 (12120608) 12.10571 (09103017)  
12.42493 (12011117) 9.34364 (13030807)  
3865761.0 | 14.98842 (09021307) 12.80390 (12120608) 14.78260 (12120608)  
10.54685 (12011117) 9.06312 (10040707)  
3865261.0 | 12.15753 (09021307) 9.93835 (11121307) 13.58441 (12120608)  
7.53490 (09103017) 9.45090 (12011117)  
3864761.0 | 9.51453 (09021307) 10.43895 (11121307) 10.62740 (12120608)  
7.61205 (12120608) 7.20555 (12011117)

↑ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*  
\*\*\* 09/09/20  
\*\*\* AERMET - VERSION 14134 \*\*\* \*\*  
\*\*\* 22:25:03

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: 1001A \*\*\*  
INCLUDING SOURCE(S): 1001A ,

\*\*\* NETWORK ID: COURSE ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD | X-COORD (METERS)  
(METERS) | 445733.00

-----  
3879761.0 | 30.43674 (11110817)  
3879261.0 | 39.56165 (11110817)  
3878761.0 | 51.45408 (11122017)  
3878261.0 | 67.85718 (11122017)  
3877761.0 | 78.12508 (12122708)  
3877261.0 | 92.39264 (09111717)  
3876761.0 | 98.25052 (12011107)  
3876261.0 | 110.30427 (12011107)  
3875761.0 | 111.73293 (12111417)  
3875261.0 | 103.09013 (12111417)  
3874761.0 | 115.77387 (13010717)  
3874261.0 | 122.18824 (13103117)

3873761.0 | 95.05332 (09110217)  
3873261.0 | 59.29028 (09030307)  
3872761.0 | 54.35227 (09011407)  
3872261.0 | 104.93332 (13121217)  
3871761.0 | 102.16538 (09111617)  
3871261.0 | 104.52157 (12112617)  
3870761.0 | 95.11187 (10012908)  
3870261.0 | 63.97663 (11121207)  
3869761.0 | 37.57077 (11121207)  
3869261.0 | 26.33766 (10031507)  
3868761.0 | 24.65052 (13012117)  
3868261.0 | 17.22463 (12112808)  
3867761.0 | 13.61477 (12112808)  
3867261.0 | 11.53406 (09020508)  
3866761.0 | 8.30547 (09123107)  
3866261.0 | 6.65185 (13030807)  
3865761.0 | 7.33799 (13030807)  
3865261.0 | 8.67786 (10040707)  
3864761.0 | 8.46698 (10040707)

▲ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*\*  
\*\*\* 09/09/20  
\*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*  
\*\*\* 22:25:03

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: 1001A \*\*\*  
INCLUDING SOURCE(S): 1001A ,  
\*\*\* NETWORK ID: DESERTL ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD (METERS)		X-COORD (METERS)
436000.40	435850.40	435900.40
	436050.40	435950.40

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-----  
3874157.0 | 84.58720 (10102917) 84.29326 (13121208) 84.56253 (13121208)  
84.91032 (13121208) 85.30535 (13121208)  
3874107.0 | 84.79218 (10102917) 84.83748 (10102917) 84.75772 (10102917)  
85.01820 (13121208) 85.50780 (13121208)  
3874057.0 | 83.95822 (10102917) 84.53250 (10102917) 85.12176 (10102917)  
85.47408 (10102917) 85.75850 (10102917)  
3874007.0 | 83.56256 (10102917) 84.30187 (10102917) 85.03683 (10102917)

85.59033 (10102917)	86.05101 (10102917)		
3873957.0   83.22975 (10102917)	83.54992 (10102917)	84.44815 (10102917)	
85.24068 (10102917)	85.92553 (10102917)		
3873907.0   82.72023 (10020408)	82.12664 (10102917)	83.32946 (10102917)	
84.40489 (10102917)	85.36275 (10102917)		
3873857.0   83.90217 (10020408)	83.83116 (10020408)	83.71399 (10020408)	
83.56618 (10020408)	84.14355 (10102917)		
3873807.0   85.19612 (10020408)	85.25122 (10020408)	85.25247 (10020408)	
85.21230 (10020408)	85.13436 (10020408)		
3873757.0   86.12162 (10020408)	86.33534 (10020408)	86.48660 (10020408)	
86.60687 (10020408)	86.68043 (10020408)		
3873707.0   86.56692 (10020408)	86.98970 (10020408)	87.33227 (10020408)	
87.68794 (10020408)	87.97721 (10020408)		
3873657.0   86.72425 (12121907)	87.06271 (10020408)	87.65639 (10020408)	
88.21114 (10020408)	88.80262 (10020408)		
3873607.0   89.44537 (12121907)	89.16747 (12121907)	88.86243 (12121907)	
88.64331 (12121907)	89.05509 (10020408)		
3873557.0   91.89966 (12121907)	91.70981 (12121907)	91.49338 (12121907)	
91.42726 (12121907)	91.37532 (12121907)		
3873507.0   94.06236 (12121907)	93.98123 (12121907)	93.90521 (12121907)	
93.96757 (12121907)	94.06995 (12121907)		
3873457.0   95.84434 (12121907)	95.92320 (12121907)	96.10199 (12121907)	
96.33336 (12121907)	96.52107 (12121907)		
3873407.0   97.18458 (12121907)	97.57648 (12121907)	97.95171 (12121907)	
98.33624 (12121907)	98.59142 (12121907)		
3873357.0   97.78493 (12121907)	98.49683 (12121907)	99.16908 (12121907)	
99.80815 (12121907)	100.25726 (12121907)		
3873307.0   97.38996 (12121907)	98.51774 (12121907)	99.53475 (12121907)	
100.46131 (12121907)	101.25566 (12121907)		
3873257.0   95.85075 (12121907)	97.18536 (12121907)	98.73928 (12121907)	
99.84165 (12121907)	101.19266 (12121907)		
3873207.0   92.68292 (12121907)	94.57121 (12121907)	96.42768 (12121907)	
97.96789 (12121907)	99.70546 (12121907)		
3873157.0   87.98772 (12121907)	90.47531 (12121907)	92.57235 (12121907)	
94.65752 (12121907)	96.78123 (12121907)		

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: 1001A \*\*\*  
INCLUDING SOURCE(S): 1001A ,

\*\*\* NETWORK ID: DESERTL ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD				X-COORD (METERS)
(METERS)	436100.40		436150.40	436200.40
	436250.40	436300.40		

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3874157.0	85.63194 (13121208)	85.89338 (13121208)	86.09704 (13121208)
86.26878 (13121208)	86.31915 (13121208)		
3874107.0	85.94467 (13121208)	86.34002 (13121208)	86.75330 (13121208)
87.31952 (13121208)	87.70755 (13121208)		
3874057.0	85.92732 (13121208)	86.56853 (13121208)	87.37649 (13121208)
88.26468 (13121208)	88.75069 (13121208)		
3874007.0	86.53125 (10102917)	86.94367 (10102917)	87.42408 (10102917)
88.24017 (13121208)	88.96809 (13121208)		
3873957.0	86.60152 (10102917)	87.28731 (10102917)	87.96713 (10102917)
88.51910 (10102917)	88.93977 (10102917)		
3873907.0	86.31520 (10102917)	87.19807 (10102917)	88.04977 (10102917)
88.78494 (10102917)	89.41565 (10102917)		
3873857.0	85.31095 (10102917)	86.55864 (10102917)	87.66654 (10102917)
88.64008 (10102917)	89.48498 (10102917)		
3873807.0	85.14204 (10020408)	85.28967 (10102917)	86.68304 (10102917)
87.95114 (10102917)	89.13604 (10102917)		
3873757.0	86.82988 (10020408)	86.97222 (10020408)	87.05680 (10020408)
87.17266 (10020408)	88.01487 (10102917)		
3873707.0	88.23665 (10020408)	88.47921 (10020408)	88.67672 (10020408)
88.83235 (10020408)	88.95372 (10020408)		
3873657.0	89.28303 (10020408)	89.69684 (10020408)	90.01123 (10020408)
90.30018 (10020408)	90.46620 (10020408)		
3873607.0	89.85684 (10020408)	90.50356 (10020408)	90.95573 (10020408)
91.39048 (10020408)	91.79389 (10020408)		
3873557.0	91.30025 (12121907)	91.20994 (12121907)	91.37429 (10020408)
91.95373 (10020408)	92.58440 (10020408)		
3873507.0	94.08674 (12121907)	94.05891 (12121907)	93.87121 (12121907)
93.58967 (12121907)	93.29059 (12121907)		
3873457.0	96.62161 (12121907)	96.61620 (12121907)	96.54464 (12121907)
96.37585 (12121907)	96.22340 (12121907)		
3873407.0	98.80117 (12121907)	98.95767 (12121907)	98.95966 (12121907)
99.00414 (12121907)	98.97279 (12121907)		
3873357.0	100.59656 (12121907)	100.82894 (12121907)	101.14476 (12121907)
101.33381 (12121907)	101.38354 (12121907)		
3873307.0	101.76334 (12121907)	102.18263 (12121907)	102.77008 (12121907)
103.20855 (12121907)	103.57797 (12121907)		
3873257.0	102.06057 (12121907)	102.81861 (12121907)	103.73107 (12121907)
104.39344 (12121907)	105.24774 (12121907)		
3873207.0	101.03742 (12121907)	102.21403 (12121907)	103.60665 (12121907)
104.89846 (12121907)	105.78672 (12121907)		
3873157.0	98.57992 (12121907)	100.55587 (12121907)	102.15069 (12121907)



103.85767 (12121907) 105.11453 (12121907)  
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 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*  
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1001A \*\*\*  
 INCLUDING SOURCE(S): 1001A ,

\*\*\* NETWORK ID: DESERTL ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD			X-COORD (METERS)
(METERS)	436350.40	436400.40	436450.40
436500.40	436550.40		

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3874157.0	86.34341 (13121208)	86.42678 (13121208)	86.65942 (13121208)
86.81547 (13121208)	86.60632 (13121208)		
3874107.0	87.78042 (13121208)	88.05161 (13121208)	88.26851 (13121208)
88.46515 (13121208)	88.43361 (13121208)		
3874057.0	88.99503 (13121208)	89.24645 (13121208)	89.44481 (13121208)
89.65290 (13121208)	89.84146 (13121208)		
3874007.0	89.44881 (13121208)	89.85494 (13121208)	90.19624 (13121208)
90.47585 (13121208)	90.73829 (13121208)		
3873957.0	89.46280 (13121208)	90.04946 (13121208)	90.62649 (13121208)
91.05657 (13121208)	91.42548 (13121208)		
3873907.0	89.97065 (10102917)	90.31507 (10102917)	90.65262 (13121208)
91.29937 (13121208)	91.86797 (13121208)		
3873857.0	90.23817 (10102917)	90.79449 (10102917)	91.27668 (10102917)
91.61693 (10102917)	92.04342 (10102917)		
3873807.0	90.03731 (10102917)	90.89562 (10102917)	91.58135 (10102917)
92.21400 (10102917)	92.73086 (10102917)		
3873757.0	89.26362 (10102917)	90.41195 (10102917)	91.36449 (10102917)
92.23625 (10102917)	92.96497 (10102917)		
3873707.0	89.03980 (10020408)	89.18453 (10102917)	90.57864 (10102917)
91.72067 (10102917)	92.76870 (10102917)		
3873657.0	90.66124 (10020408)	90.70908 (10020408)	90.84028 (10020408)
90.86005 (10020408)	91.85520 (10102917)		
3873607.0	92.05931 (10020408)	92.30575 (10020408)	92.43161 (10020408)
92.66661 (10020408)	92.83018 (10020408)		
3873557.0	93.05188 (10020408)	93.47658 (10020408)	93.87138 (10020408)

94.12102 (10020408) 94.39774 (10020408)  
 3873507.0 | 93.57688 (10020408) 94.25499 (10020408) 94.87212 (10020408)  
 95.36080 (10020408) 95.77107 (10020408)  
 3873457.0 | 96.16179 (12121907) 95.96427 (12121907) 95.87355 (12121907)  
 95.99558 (10020408) 96.65500 (10020408)  
 3873407.0 | 98.87354 (12121907) 98.79359 (12121907) 98.73225 (12121907)  
 98.61579 (12121907) 98.43718 (12121907)  
 3873357.0 | 101.47907 (12121907) 101.49369 (12121907) 101.43131 (12121907)  
 101.37975 (12121907) 101.31367 (12121907)  
 3873307.0 | 103.75529 (12121907) 103.87190 (12121907) 103.97161 (12121907)  
 104.07930 (12121907) 104.05525 (12121907)  
 3873257.0 | 105.58376 (12121907) 106.01525 (12121907) 106.45195 (12121907)  
 106.55156 (12121907) 107.04358 (12121907)  
 3873207.0 | 106.64172 (12121907) 107.48603 (12121907) 107.94408 (12121907)  
 108.72534 (12121907) 109.03913 (12121907)  
 3873157.0 | 106.66767 (12121907) 107.70219 (12121907) 108.97991 (12121907)  
 109.70489 (12121907) 110.50632 (12121907)

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1001A \*\*\*  
 INCLUDING SOURCE(S): 1001A ,

\*\*\* NETWORK ID: DESERTL ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD			X-COORD (METERS)
(METERS)			
436750.40	436600.40	436650.40	436700.40
	436800.40		

3874157.0 | 86.22821 (13121208) 85.99502 (13121208) 85.57702 (13121208)  
 85.16442 (13121208) 85.48631 (12013117)  
 3874107.0 | 88.26800 (13121208) 88.09977 (13121208) 87.92655 (13121208)  
 87.67481 (13121208) 87.30084 (13121208)  
 3874057.0 | 89.87123 (13121208) 89.87667 (13121208) 89.88565 (13121208)  
 89.83119 (13121208) 89.67004 (13121208)  
 3874007.0 | 90.98013 (13121208) 91.27846 (13121208) 91.41303 (13121208)  
 91.49216 (13121208) 91.54592 (13121208)  
 3873957.0 | 91.84112 (13121208) 92.27809 (13121208) 92.59103 (13121208)

92.81729 (13121208)	93.02754 (13121208)		
3873907.0   92.50843 (13121208)	93.01385 (13121208)	93.50156 (13121208)	
93.86243 (13121208)	94.20984 (13121208)		
3873857.0   92.73317 (13121208)	93.48012 (13121208)	94.08043 (13121208)	
94.65845 (13121208)	95.06110 (13121208)		
3873807.0   93.17821 (10102917)	93.63914 (10102917)	94.36977 (13121208)	
95.03669 (13121208)	95.66800 (13121208)		
3873757.0   93.71698 (10102917)	94.26987 (10102917)	94.90802 (10102917)	
95.40669 (10102917)	95.90908 (13121208)		
3873707.0   93.73457 (10102917)	94.55291 (10102917)	95.34942 (10102917)	
95.93879 (10102917)	96.57807 (10102917)		
3873657.0   93.14849 (10102917)	94.26416 (10102917)	95.24886 (10102917)	
96.07214 (10102917)	96.91348 (10102917)		
3873607.0   92.96649 (10020408)	93.25165 (10102917)	94.58575 (10102917)	
95.76614 (10102917)	96.81041 (10102917)		
3873557.0   94.63669 (10020408)	94.75560 (10020408)	94.75685 (10020408)	
94.89973 (10020408)	96.19784 (10102917)		
3873507.0   96.06937 (10020408)	96.39622 (10020408)	96.63302 (10020408)	
96.77804 (10020408)	96.94012 (10020408)		
3873457.0   97.13044 (10020408)	97.65091 (10020408)	98.08928 (10020408)	
98.50788 (10020408)	98.82951 (10020408)		
3873407.0   98.25710 (12121907)	98.49190 (10020408)	99.22282 (10020408)	
99.95736 (10020408)	100.46880 (10020408)		
3873357.0   101.27076 (12121907)	101.30217 (12121907)	101.37041 (12121907)	
101.49087 (12121907)	101.65000 (10020408)		
3873307.0   104.17350 (12121907)	104.32181 (12121907)	104.45993 (12121907)	
104.59452 (12121907)	104.41752 (12121907)		
3873257.0   107.02022 (12121907)	107.28686 (12121907)	107.52218 (12121907)	
107.68144 (12121907)	107.50839 (12121907)		
3873207.0   109.51002 (12121907)	109.80911 (12121907)	110.25862 (12121907)	
110.33430 (12121907)	110.25018 (12121907)		
3873157.0   111.29556 (12121907)	111.77996 (12121907)	112.48323 (12121907)	
112.65648 (12121907)	112.75244 (12121907)		

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: 1001A \*\*\*  
INCLUDING SOURCE(S): 1001A ,

\*\*\* NETWORK ID: DESERTL ; NETWORK TYPE:  
GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD  
(METERS)

436850.40

X-COORD (METERS)

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-----  
3874157.0 | 87.18761 (12013117)  
3874107.0 | 86.87012 (13121208)  
3874057.0 | 89.42928 (13121208)  
3874007.0 | 91.53548 (13121208)  
3873957.0 | 93.18624 (13121208)  
3873907.0 | 94.43471 (13121208)  
3873857.0 | 95.45145 (13121208)  
3873807.0 | 96.15266 (13121208)  
3873757.0 | 96.60368 (13121208)  
3873707.0 | 96.97895 (10102917)  
3873657.0 | 97.58244 (10102917)  
3873607.0 | 97.77198 (10102917)  
3873557.0 | 97.41207 (10102917)  
3873507.0 | 97.07348 (10020408)  
3873457.0 | 99.06322 (10020408)  
3873407.0 | 100.75699 (10020408)  
3873357.0 | 102.18210 (10020408)  
3873307.0 | 104.23733 (12121907)  
3873257.0 | 107.31012 (12121907)  
3873207.0 | 110.11781 (12121907)  
3873157.0 | 112.77856 (12121907)

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: 1001A \*\*\*

INCLUDING SOURCE(S): 1001A ,

\*\*\* NETWORK ID: BORON ; NETWORK TYPE:  
GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD  
(METERS)

439957.60

440007.60

X-COORD (METERS)

440057.60

440107.60

440157.60

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3874057.0	150.70636 (09012607)	156.95931 (09012607)	162.25206 (09012607)
166.75814 (09012607)	170.58282 (09012607)		
3874007.0	147.32509 (09012607)	154.50678 (09012607)	160.68047 (09012607)
165.82902 (09012607)	170.26775 (09012607)		
3873957.0	143.36724 (09012607)	151.56147 (09012607)	158.65838 (09012607)
164.54984 (09012607)	169.61772 (09012607)		
3873907.0	138.63842 (09012607)	147.88946 (09012607)	156.01597 (09012607)
162.88347 (09012607)	168.63713 (09012607)		
3873857.0	147.39536 (11112117)	143.34521 (09012607)	152.60137 (09012607)
160.59840 (09012607)	167.25557 (09012607)		
3873807.0	155.02789 (11112117)	151.00893 (11112117)	148.28715 (09012607)
157.47296 (09012607)	165.23337 (09012607)		
3873757.0	161.54530 (11112117)	158.74722 (11112117)	154.83749 (11112117)
153.40537 (09012607)	162.43778 (09012607)		
3873707.0	166.98604 (11112117)	165.19496 (11112117)	162.53696 (11112117)
158.79275 (11112117)	158.66814 (09012607)		
3873657.0	171.74369 (11112117)	170.63711 (11112117)	168.90566 (11112117)
166.47838 (11112117)	162.91865 (11112117)		
3873607.0	176.03955 (11112117)	175.34816 (11112117)	174.35435 (11112117)
172.79725 (11112117)	170.62016 (11112117)		
3873557.0	179.71019 (11112117)	179.70844 (11112117)	179.14271 (11112117)
178.13661 (11112117)	176.87095 (11112117)		
3873507.0	182.62261 (11112117)	183.64249 (11112117)	183.66873 (11112117)
183.09691 (11112117)	182.22472 (11112117)		
3873457.0	184.04719 (11112117)	186.67027 (11112117)	187.73086 (11112117)
187.72896 (11112117)	187.18397 (11112117)		
3873407.0	183.36711 (11112117)	188.10019 (11112117)	190.93366 (11112117)
192.04012 (11112117)	192.00535 (11112117)		
3873357.0	180.23355 (11112117)	187.26066 (11112117)	192.32204 (11112117)
195.35296 (11112117)	196.55386 (11112117)		
3873307.0	174.72435 (11112117)	183.80347 (11112117)	191.24897 (11112117)
196.72471 (11112117)	200.02588 (11112117)		
3873257.0	178.78358 (13120417)	177.83038 (11112117)	187.43520 (11112117)
195.52004 (11112117)	201.41806 (11112117)		
3873207.0	186.35649 (13120417)	184.82750 (13120417)	182.85219 (13120417)
191.45435 (11112117)	200.30800 (11112117)		
3873157.0	193.02464 (13120417)	192.23847 (13120417)	190.67862 (13120417)
189.04816 (13120417)	195.71870 (11112117)		
3873107.0	197.56278 (13120417)	199.03155 (13120417)	198.73838 (13120417)
197.32887 (13120417)	195.60210 (13120417)		
3873057.0	199.81026 (13120417)	202.98609 (13120417)	204.72101 (13120417)
205.32755 (13120417)	204.50175 (13120417)		
3873007.0	198.95873 (13120417)	204.31216 (13120417)	208.41310 (13120417)
211.02930 (13120417)	212.17032 (13120417)		
3872957.0	194.54125 (13120417)	201.69057 (13120417)	208.10593 (13120417)
213.72057 (13120417)	217.42221 (13120417)		
3872907.0	190.63595 (12013117)	197.02595 (13120417)	204.95216 (13120417)
212.15234 (13120417)	218.76082 (13120417)		
3872857.0	193.97495 (12013117)	196.21714 (12013117)	199.42178 (13120417)

208.10219 (13120417) 216.20375 (13120417)  
 3872807.0 | 196.06789 (12013117) 199.31594 (12013117) 202.21986 (12013117)  
 204.68189 (12013117) 211.05806 (13120417)  
 3872757.0 | 196.41794 (12013117) 200.46756 (12013117) 204.95397 (12013117)  
 208.55662 (12013117) 212.36568 (12013117)  
 3872707.0 | 195.26075 (12013117) 200.24058 (12013117) 205.13423 (12013117)  
 210.47861 (12013117) 214.80479 (12013117)  
 3872657.0 | 194.33425 (12013117) 199.06914 (12013117) 203.92631 (12013117)  
 210.57240 (12013117) 215.69759 (12013117)  
 3872607.0 | 192.32756 (12013117) 197.90472 (12013117) 203.34095 (12013117)  
 209.24532 (12013117) 214.70074 (12013117)  
 3872557.0 | 192.81061 (12013117) 197.42811 (12013117) 202.34348 (12013117)  
 207.06909 (12013117) 212.35657 (12013117)

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1001A \*\*\*

INCLUDING SOURCE(S): 1001A ,

\*\*\* NETWORK ID: BORON ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD			X-COORD (METERS)
(METERS)	440207.60	440257.60	440307.60
	440357.60	440407.60	

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3874057.0 | 173.52454 (09012607) 175.02596 (09012607) 174.49570 (09012607)  
 175.06893 (12110107) 177.63462 (12110107)  
 3874007.0 | 173.99465 (09012607) 177.03590 (09012607) 178.23248 (09012607)  
 177.06219 (09012607) 179.03105 (12110107)  
 3873957.0 | 174.08240 (09012607) 177.99541 (09012607) 180.61422 (09012607)  
 181.37358 (09012607) 179.74291 (09012607)  
 3873907.0 | 173.65011 (09012607) 178.13979 (09012607) 181.90328 (09012607)  
 184.30533 (09012607) 184.67823 (09012607)  
 3873857.0 | 172.84205 (09012607) 177.85101 (09012607) 182.24457 (09012607)  
 185.97845 (09012607) 188.10951 (09012607)  
 3873807.0 | 171.63047 (09012607) 177.08989 (09012607) 182.04594 (09012607)  
 186.57017 (09012607) 190.21679 (09012607)  
 3873757.0 | 169.91851 (09012607) 176.13546 (09012607) 181.49563 (09012607)

186.49707	(09012607)	191.05670	(09012607)		
3873707.0		167.51230	(09012607)	174.76874	(09012607)
186.08437	(09012607)	191.11266	(09012607)		180.70477 (09012607)
3873657.0		164.09325	(09012607)	172.70570	(09012607)
185.49500	(09012607)	190.85309	(09012607)		179.70279 (09012607)
3873607.0		167.23112	(11112117)	169.67729	(09012607)
184.66599	(09012607)	190.35481	(09012607)		178.03402 (09012607)
3873557.0		174.86008	(11112117)	171.74141	(11112117)
183.46948	(09012607)	189.81556	(09012607)		175.51365 (09012607)
3873507.0		181.11204	(11112117)	179.35840	(11112117)
181.40261	(09012607)	189.01899	(09012607)		176.49948 (11112117)
3873457.0		186.40595	(11112117)	185.42310	(11112117)
181.53007	(11112117)	187.43810	(09012607)		183.98305 (11112117)
3873407.0		191.46421	(11112117)	190.80545	(11112117)
188.96851	(11112117)	186.85703	(11112117)		190.02530 (11112117)
3873357.0		196.50924	(11112117)	196.03666	(11112117)
195.12216	(11112117)	194.35659	(11112117)		195.48953 (11112117)
3873307.0		201.41776	(11112117)	201.39993	(11112117)
200.68836	(11112117)	200.44338	(11112117)		201.03203 (11112117)
3873257.0		205.02513	(11112117)	206.53188	(11112117)
206.55572	(11112117)	205.92419	(11112117)		206.67950 (11112117)
3873207.0		206.89170	(11112117)	211.08827	(11112117)
212.59899	(11112117)	211.71487	(11112117)		212.68478 (11112117)
3873157.0		205.52209	(11112117)	212.46202	(11112117)
218.33659	(11112117)	218.09005	(11112117)		216.70137 (11112117)
3873107.0		200.20916	(11112117)	210.13945	(11112117)
222.57030	(11112117)	224.84285	(11112117)		217.73698 (11112117)
3873057.0		202.50098	(13120417)	204.68124	(11112117)
223.98354	(11112117)	229.23120	(11112117)		215.52437 (11112117)
3873007.0		211.81184	(13120417)	210.32345	(13120417)
221.01261	(11112117)	230.58861	(11112117)		209.24358 (11112117)
3872957.0		219.35017	(13120417)	219.51659	(13120417)
216.25816	(13120417)	226.94446	(11112117)		218.72369 (13120417)
3872907.0		223.57804	(13120417)	226.84852	(13120417)
227.28826	(13120417)	225.23808	(13120417)		227.94817 (13120417)
3872857.0		223.47829	(13120417)	229.56512	(13120417)
236.72613	(13120417)	236.81294	(13120417)		234.46644 (13120417)
3872807.0		220.14661	(13120417)	228.38336	(13120417)
242.02716	(13120417)	245.66463	(13120417)		236.10869 (13120417)
3872757.0		215.36214	(12013117)	224.02851	(13120417)
241.62259	(13120417)	248.65254	(13120417)		233.28277 (13120417)
3872707.0		218.82103	(12013117)	222.39311	(12013117)
238.14708	(13120417)	247.67470	(13120417)		227.03454 (13120417)
3872657.0		220.75786	(12013117)	225.61515	(12013117)
234.32433	(12013117)	242.89612	(13120417)		230.30851 (12013117)
3872607.0		219.22431	(12013117)	226.13952	(12013117)
237.55494	(12013117)	243.26868	(12013117)		231.85153 (12013117)
3872557.0		218.13489	(12013117)	224.28980	(12013117)
237.43122	(12013117)	244.32991	(12013117)		230.69933 (12013117)

\*\*\* 09/09/20  
\*\*\* AERMET - VERSION 14134 \*\*\*  
\*\*\* 22:25:03

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: 1001A \*\*\*  
INCLUDING SOURCE(S): 1001A ,

\*\*\* NETWORK ID: BORON ; NETWORK TYPE:  
GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

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Y-COORD (METERS)		X-COORD (METERS)
440607.60	440457.60	440507.60
	440657.60	440557.60

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3874057.0	177.91798 (12110107)	175.28545 (12110107)	175.77314 (13123017)
181.08230 (13123017)	184.21575 (13123017)		
3874007.0	181.07041 (12110107)	180.43242 (12110107)	176.85688 (12110107)
181.21135 (13123017)	185.87315 (13123017)		
3873957.0	183.05948 (12110107)	184.45362 (12110107)	182.97189 (12110107)
180.64794 (13123017)	186.71190 (13123017)		
3873907.0	183.91483 (12110107)	187.20657 (12110107)	187.84432 (12110107)
185.21652 (12110107)	186.73996 (13123017)		
3873857.0	188.02140 (09012607)	188.60641 (12110107)	191.42640 (12110107)
191.07403 (12110107)	187.27993 (12110107)		
3873807.0	192.13956 (09012607)	191.37706 (09012607)	193.52352 (12110107)
195.55459 (12110107)	194.13497 (12110107)		
3873757.0	194.67643 (09012607)	196.18940 (09012607)	194.77538 (09012607)
198.40440 (12110107)	199.49276 (12110107)		
3873707.0	195.84639 (09012607)	199.28036 (09012607)	200.36890 (09012607)
199.81065 (12110107)	203.42778 (12110107)		
3873657.0	196.04424 (09012607)	200.85833 (09012607)	204.07749 (09012607)
204.58733 (09012607)	205.51779 (12110107)		
3873607.0	195.85774 (09012607)	201.26863 (09012607)	206.09563 (09012607)
209.13137 (09012607)	208.92233 (09012607)		
3873557.0	195.39451 (09012607)	201.04037 (09012607)	206.84038 (09012607)
211.74445 (09012607)	214.42936 (09012607)		
3873507.0	195.09289 (09012607)	200.77445 (09012607)	206.66052 (09012607)
212.74549 (09012607)	217.69069 (09012607)		
3873457.0	194.71795 (09012607)	200.65496 (09012607)	206.33847 (09012607)
212.70249 (09012607)	219.04638 (09012607)		
3873407.0	193.79203 (09012607)	200.62920 (09012607)	206.30422 (09012607)





\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

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Y-COORD				X-COORD (METERS)
(METERS)	440707.60		440757.60	440807.60
	440857.60	440907.60		

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3874057.0	184.42741 (13123017)	181.55808 (13123017)	175.64466 (13123017)
177.20227 (13110817)	182.55942 (13110817)		
3874007.0	187.93927 (13123017)	186.72345 (13123017)	182.31013 (13123017)
177.03279 (13110817)	183.59460 (13110817)		
3873957.0	190.53623 (13123017)	191.19953 (13123017)	188.46663 (13123017)
182.64478 (13123017)	184.09857 (13110817)		
3873907.0	192.20015 (13123017)	194.85813 (13123017)	193.95528 (13123017)
189.67631 (13123017)	184.44476 (13110817)		
3873857.0	192.92221 (13123017)	197.44804 (13123017)	198.65690 (13123017)
196.16379 (13123017)	190.36037 (13123017)		
3873807.0	192.71091 (13123017)	199.01719 (13123017)	202.31445 (13123017)
201.80900 (13123017)	197.66477 (13123017)		
3873757.0	196.88289 (12110107)	199.56970 (13123017)	204.93983 (13123017)
206.67903 (13123017)	204.38879 (13123017)		
3873707.0	203.34118 (12110107)	199.31800 (12110107)	206.45046 (13123017)
210.52060 (13123017)	210.55223 (13123017)		
3873657.0	208.26057 (12110107)	206.96860 (12110107)	206.73891 (13123017)
213.18765 (13123017)	215.68050 (13123017)		
3873607.0	211.40519 (12110107)	213.09436 (12110107)	210.39522 (12110107)
214.68239 (13123017)	219.77104 (13123017)		
3873557.0	213.28837 (09012607)	217.39647 (12110107)	217.90445 (12110107)
214.90781 (13123017)	222.52184 (13123017)		
3873507.0	219.81472 (09012607)	219.68820 (12110107)	223.49392 (12110107)
222.47022 (12110107)	223.84930 (13123017)		
3873457.0	223.95151 (09012607)	225.33220 (09012607)	226.89558 (12110107)
229.37019 (12110107)	226.57836 (12110107)		
3873407.0	225.78384 (09012607)	230.51682 (09012607)	230.99821 (09012607)
234.19713 (12110107)	235.14040 (12110107)		
3873357.0	226.01318 (09012607)	233.08823 (09012607)	237.32407 (09012607)
236.68640 (09012607)	241.43136 (12110107)		
3873307.0	225.43381 (09012607)	233.49807 (09012607)	240.78475 (09012607)
244.40962 (09012607)	245.24891 (12110107)		
3873257.0	225.04948 (09012607)	232.87488 (09012607)	241.67985 (09012607)
249.04893 (09012607)	251.81767 (09012607)		
3873207.0	225.85550 (09012607)	232.38286 (09012607)	241.01868 (09012607)
250.53258 (09012607)	257.68161 (09012607)		
3873157.0	227.14764 (09012607)	232.61312 (09012607)	239.90406 (09012607)
249.69284 (09012607)	259.92951 (09012607)		
3873107.0	228.68983 (09012607)	234.17200 (09012607)	239.87918 (09012607)
248.65140 (09012607)	259.73245 (09012607)		
3873057.0	231.54512 (11112117)	236.74305 (09012607)	241.98094 (09012607)



189.53916 (13110817)	185.19701 (13110817)		
3873907.0   190.87984 (13110817)	194.51155 (13110817)	195.41781 (13110817)	
194.03051 (13110817)	190.57264 (13110817)		
3873857.0   191.98029 (13110817)	196.96335 (13110817)	199.01136 (13110817)	
198.46483 (13110817)	195.72475 (13110817)		
3873807.0   192.57930 (13110817)	199.03382 (13110817)	202.31071 (13110817)	
202.72636 (13110817)	200.82951 (13110817)		
3873757.0   198.71308 (13123017)	200.64789 (13110817)	205.32255 (13110817)	
206.71183 (13110817)	205.66265 (13110817)		
3873707.0   206.60546 (13123017)	201.75261 (13110817)	207.97153 (13110817)	
210.67594 (13110817)	210.39959 (13110817)		
3873657.0   213.78287 (13123017)	208.12889 (13123017)	210.13871 (13110817)	
214.27312 (13110817)	215.04015 (13110817)		
3873607.0   220.21199 (13123017)	216.42917 (13123017)	211.89268 (13110817)	
217.56790 (13110817)	219.55085 (13110817)		
3873557.0   225.73721 (13123017)	224.11261 (13123017)	218.51740 (13123017)	
220.58525 (13110817)	223.89763 (13110817)		
3873507.0   229.87573 (13123017)	230.99521 (13123017)	227.27399 (13123017)	
222.98907 (13110817)	228.02749 (13110817)		
3873457.0   232.61476 (13123017)	236.63755 (13123017)	235.34629 (13123017)	
229.62504 (13123017)	231.83363 (13110817)		
3873407.0   233.74414 (13123017)	241.05186 (13123017)	242.62486 (13123017)	
239.07028 (13123017)	235.16670 (13110817)		
3873357.0   240.49713 (12110107)	243.83377 (13123017)	248.80553 (13123017)	
247.89908 (13123017)	242.26366 (13123017)		
3873307.0   248.66276 (12110107)	245.67472 (12110107)	253.52051 (13123017)	
255.81226 (13123017)	252.45208 (13123017)		
3873257.0   254.25225 (12110107)	255.63525 (12110107)	256.37887 (13123017)	
262.51950 (13123017)	261.91822 (13123017)		
3873207.0   259.14824 (09012607)	263.04339 (12110107)	262.44588 (12110107)	
267.79824 (13123017)	270.68869 (13123017)		
3873157.0   266.89763 (09012607)	267.67865 (12110107)	272.21629 (12110107)	
270.61699 (13123017)	278.07802 (13123017)		
3873107.0   270.62838 (09012607)	276.59275 (09012607)	278.72286 (12110107)	
280.69732 (12110107)	283.66782 (13123017)		
3873057.0   270.48397 (09012607)	282.03401 (09012607)	286.75574 (09012607)	
290.22965 (12110107)	289.31507 (12110107)		
3873007.0   268.85144 (09012607)	282.89858 (09012607)	294.35312 (09012607)	
297.34883 (09012607)	301.72654 (12110107)		
3872957.0   267.19215 (09012607)	281.10069 (09012607)	296.73233 (09012607)	
307.69561 (09012607)	310.50153 (12110107)		
3872907.0   268.26654 (09012607)	278.57886 (09012607)	294.50191 (09012607)	
311.88580 (09012607)	321.84129 (09012607)		
3872857.0   272.30451 (09012607)	278.94707 (09012607)	291.71294 (09012607)	
310.43831 (09012607)	328.79176 (09012607)		
3872807.0   279.16265 (09012607)	282.93537 (11112117)	290.85665 (09012607)	
306.87461 (09012607)	328.56582 (09012607)		
3872757.0   286.56878 (09012607)	290.56157 (09012607)	295.80128 (11112117)	
304.39293 (11112117)	323.71366 (09012607)		
3872707.0   291.22272 (09012607)	299.75920 (09012607)	302.23824 (09012607)	



204.78795	(13010917)	210.99556	(13010917)		
3873557.0	224.07511	(13110817)	222.01805	(13110817)	217.94690 (13110817)
211.04335	(13110817)	214.96280	(13010917)		
3873507.0	229.26840	(13110817)	228.03703	(13110817)	224.77434 (13110817)
219.15707	(13110817)	218.95742	(13010917)		
3873457.0	234.44183	(13110817)	234.01993	(13110817)	231.62058 (13110817)
227.07773	(13110817)	223.23421	(13010917)		
3873407.0	239.46164	(13110817)	240.00718	(13110817)	238.40851 (13110817)
234.84671	(13110817)	228.50166	(13110817)		
3873357.0	244.38657	(13110817)	246.08259	(13110817)	245.20690 (13110817)
242.57449	(13110817)	237.46756	(13110817)		
3873307.0	248.95388	(13110817)	252.09956	(13110817)	252.08414 (13110817)
250.21616	(13110817)	246.18794	(13110817)		
3873257.0	256.42373	(13123017)	258.15209	(13110817)	258.94679 (13110817)
257.67516	(13110817)	254.53023	(13110817)		
3873207.0	267.36040	(13123017)	264.11177	(13110817)	266.17064 (13110817)
265.58358	(13110817)	263.37702	(13110817)		
3873157.0	277.72327	(13123017)	272.64642	(13123017)	273.33510 (13110817)
273.61773	(09122317)	272.03256	(13110817)		
3873107.0	287.79377	(13123017)	284.60935	(13123017)	280.66532 (13110817)
282.28530	(09122317)	280.86512	(13110817)		
3873057.0	296.28264	(13123017)	296.53519	(13123017)	291.20929 (13123017)
291.03926	(09122317)	290.67924	(09122317)		
3873007.0	303.17547	(13123017)	307.80516	(13123017)	304.59666 (13123017)
300.51438	(09122317)	300.94968	(09122317)		
3872957.0	312.98285	(12110107)	317.82546	(13123017)	318.39500 (13123017)
312.92243	(13123017)	312.19082	(09122317)		
3872907.0	325.84691	(12110107)	325.81910	(13123017)	331.45937 (13123017)
328.44611	(13123017)	323.53100	(09122317)		
3872857.0	336.90244	(09012607)	340.73717	(12110107)	344.07427 (13123017)
344.35231	(13123017)	338.85208	(13123017)		
3872807.0	347.55974	(09012607)	352.98519	(12110107)	355.65667 (12110107)
360.13167	(13123017)	357.35565	(13123017)		
3872757.0	349.16415	(09012607)	368.23568	(09012607)	373.76735 (12110107)
376.11490	(13123017)	376.56265	(13123017)		
3872707.0	344.34142	(09012607)	372.88213	(09012607)	391.04576 (09012607)
394.95823	(12110107)	396.63589	(13123017)		
3872657.0	340.05716	(11112117)	368.75647	(09012607)	400.78797 (09012607)
415.73106	(09012607)	417.13806	(13123017)		
3872607.0	342.72270	(11112117)	361.46869	(09012607)	397.40050 (09012607)
433.09895	(09012607)	444.58903	(12110107)		
3872557.0	346.90534	(09012607)	363.01148	(11112117)	389.36503 (09012607)
431.61777	(09012607)	470.68540	(09012607)		

\*\*\* AERMOD - VERSION 19191 \*\*\* \*\*

\*\*\* 09/09/20

\*\*\* AERMET - VERSION 14134 \*\*\* \*\*

\*\*\* 22:25:03

VALUES FOR SOURCE GROUP: 1001A \*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
INCLUDING SOURCE(S): 1001A ,

GRIDCART \*\*\* \*\* NETWORK ID: BORON ; NETWORK TYPE:

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

Y-COORD | X-COORD (METERS)  
(METERS) | 441457.60

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3874057.0 | 184.08466 (13010917)  
3874007.0 | 186.44990 (13010917)  
3873957.0 | 189.26869 (13010917)  
3873907.0 | 192.21332 (13010917)  
3873857.0 | 195.29579 (13010917)  
3873807.0 | 198.52964 (13010917)  
3873757.0 | 201.92297 (13010917)  
3873707.0 | 205.61764 (13010917)  
3873657.0 | 209.36169 (13010917)  
3873607.0 | 213.46609 (13010917)  
3873557.0 | 217.81854 (13010917)  
3873507.0 | 222.39583 (13010917)  
3873457.0 | 227.12929 (13010917)  
3873407.0 | 232.30594 (13010917)  
3873357.0 | 237.68319 (13010917)  
3873307.0 | 243.37247 (13010917)  
3873257.0 | 249.30000 (13010917)  
3873207.0 | 258.94590 (13110817)  
3873157.0 | 268.65570 (13110817)  
3873107.0 | 278.73302 (13110817)  
3873057.0 | 288.51422 (13110817)  
3873007.0 | 299.47940 (09122317)  
3872957.0 | 310.75962 (09122317)  
3872907.0 | 322.71634 (09122317)  
3872857.0 | 335.84842 (09122317)  
3872807.0 | 350.49051 (09122317)  
3872757.0 | 371.49062 (13123017)  
3872707.0 | 393.27997 (13123017)  
3872657.0 | 417.07397 (13123017)  
3872607.0 | 442.95688 (13123017)  
3872557.0 | 473.32218 (12110107)

▲ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*\*  
\*\*\* 09/09/20

\*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*

\*\*\* 22:25:03

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: 1001A \*\*\*

INCLUDING SOURCE(S): 1001A ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

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X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)
Y-COORD (M)	CONC	(YYMMDDHH)		
439914.00	3872794.00	192.87491	(12013117)	436263.00
3873356.00	101.43996	(12121907)		
435903.00	3873538.00	92.59346	(12121907)	435899.00
3873948.00	83.31250	(10102917)		
442261.30	3871403.00	537.98334	(12022307)	442263.60
3871503.00	552.58177	(12112617)		
442265.80	3871603.00	546.41823	(09012907)	442268.00
3871703.00	527.04485	(13121217)		
442270.30	3871803.00	506.91226	(13121217)	442272.50
3871903.00	462.10796	(13121217)		
442274.70	3872003.00	507.37447	(09110217)	442276.90
3872103.00	542.12692	(09110217)		
442279.20	3872203.00	573.84647	(09110217)	442281.40
3872303.00	577.42014	(09110217)		
442283.60	3872403.00	561.96728	(09110217)	442284.20
3872428.00	554.96517	(09110217)		
442184.30	3872431.00	534.96695	(13010717)	442084.30
3872435.00	515.75137	(12111417)		
441984.40	3872438.00	506.63288	(12111417)	441884.40
3872441.00	483.91880	(12011107)		
441784.50	3872445.00	474.37389	(13110817)	441684.50
3872448.00	486.47687	(13123017)		
441584.60	3872451.00	503.04777	(13123017)	441487.60
3872455.00	520.97389	(09012607)		
441485.00	3872355.00	503.79175	(09012607)	441482.40
3872255.00	473.46987	(09012607)		
441482.30	3872248.00	471.03724	(09012607)	441382.30
3872252.00	493.14377	(11112117)		
441283.60	3872255.00	512.41545	(11112117)	441281.30
3872155.00	502.35644	(13120417)		
441279.00	3872055.00	500.60160	(12013117)	441276.70



3871955.00	489.55872	(12013117)			
	441274.30	3871855.00	464.79767	(12121907)	441274.10
3871844.00	464.70298	(12121907)			
	441174.10	3871847.00	487.84705	(12121907)	441074.20
3871850.00	518.69649	(12121907)			
	440974.20	3871853.00	543.42214	(12121907)	440874.30
3871856.00	563.43885	(12121907)			
	440774.30	3871859.00	580.17856	(12121907)	440676.30
3871862.00	589.80362	(12121907)			
	440674.00	3871762.00	635.62393	(13121007)	440671.70
3871662.00	639.16693	(09113007)			
	440669.30	3871562.00	648.65812	(09113007)	440667.00
3871463.00	679.53352	(09113007)			
	440666.80	3871450.00	672.12125	(09113007)	440766.70
3871447.00	651.91688	(09113007)			
	440866.70	3871444.00	623.66377	(10102007)	440966.60
3871441.00	608.36454	(10102007)			
	441066.60	3871438.00	584.37276	(10102007)	441166.50
3871435.00	561.09928	(09010207)			
	441266.50	3871432.00	553.50333	(09010207)	441366.40
3871429.00	541.29378	(09010207)			
	441466.40	3871426.00	540.69062	(09010207)	441566.40
3871423.00	539.84381	(09010207)			
	441666.30	3871420.00	545.03383	(09010207)	441766.30
3871417.00	519.89581	(09010207)			
	441866.20	3871415.00	474.77399	(09010207)	441966.20
3871412.00	495.53485	(12022307)			
	442066.10	3871409.00	511.06475	(12022307)	442166.10
3871406.00	526.73132	(12022307)			
	440693.20	3872567.00	297.05680	(13120417)	440695.70
3872667.00	280.17543	(13120417)			
	440696.30	3872690.00	273.49484	(11112117)	440596.30
3872692.00	273.10155	(13120417)			
	440496.30	3872695.00	262.58075	(13120417)	440495.40
3872695.00	262.45108	(13120417)			
	440496.80	3872723.00	260.98592	(13120417)	440396.80
3872722.00	246.68237	(13120417)			
	440296.80	3872722.00	226.77280	(13120417)	440196.80
3872721.00	217.53252	(12013117)			
	440096.80	3872720.00	209.42434	(12013117)	439996.80
3872720.00	199.27269	(12013117)			
	439896.80	3872719.00	190.34854	(12013117)	439887.70
3872719.00	189.59202	(12013117)			
	439885.90	3872619.00	187.42974	(12013117)	439885.10
3872574.00	187.06065	(12121907)			
	439985.10	3872573.00	194.98808	(12013117)	440085.10
3872572.00	205.67327	(12013117)			
	440185.10	3872571.00	216.23323	(12013117)	440285.10
3872570.00	228.55350	(12013117)			

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1001A \*\*\*  
 INCLUDING SOURCE(S): 1001A ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)
Y-COORD (M)	CONC	(YYMMDDHH)		
440385.10	3872570.00	241.13171	(12013117)	440485.10
3872569.00	254.98833	(12013117)		
440585.10	3872568.00	272.97832	(13120417)	440685.10
3872567.00	295.43462	(13120417)		
440685.70	3872275.00	284.05450	(12013117)	440688.30
3872375.00	292.30795	(12013117)		
440690.80	3872475.00	289.28688	(13120417)	440692.00
3872520.00	295.59472	(13120417)		
440592.00	3872522.00	272.16009	(12013117)	440492.00
3872523.00	257.49614	(12013117)		
440392.00	3872525.00	242.48711	(12013117)	440292.00
3872526.00	227.22389	(12013117)		
440192.10	3872528.00	214.85428	(12013117)	440092.10
3872529.00	204.24327	(12013117)		
439992.10	3872531.00	196.62973	(12121907)	439892.10
3872532.00	192.17637	(12121907)		
439884.50	3872532.00	191.84795	(12121907)	439883.00
3872432.00	196.51430	(12121907)		
439881.50	3872332.00	211.66087	(13121208)	439880.80
3872278.00	225.16291	(10102917)		
439980.80	3872278.00	224.87335	(13121208)	440080.80
3872277.00	226.41227	(12013117)		
440180.80	3872277.00	231.13908	(12013117)	440280.80
3872277.00	232.85400	(12013117)		
440380.80	3872276.00	242.43745	(12121907)	440480.80
3872276.00	254.57954	(12121907)		
440580.80	3872275.00	267.50182	(12121907)	440680.80
3872275.00	282.92033	(12013117)		
437456.80	3871498.00	146.32155	(11122207)	437556.80

3871496.00	152.56021	(11122207)		
437656.80	3871495.00	157.97186	(11122207)	437756.80
3871494.00	163.52194	(11122207)		
437856.80	3871492.00	169.42604	(11122207)	437956.80
3871491.00	175.58691	(11122207)		
438056.80	3871490.00	182.09843	(11122207)	438156.80
3871488.00	189.02281	(11122207)		
438256.80	3871487.00	196.30405	(11122207)	438356.80
3871486.00	204.00124	(11122207)		
438456.70	3871484.00	209.81397	(11122207)	438556.70
3871483.00	218.24497	(11122207)		
438656.70	3871482.00	226.07321	(11122207)	438756.70
3871480.00	236.62254	(11122207)		
438856.70	3871479.00	249.84020	(09113007)	438956.70
3871478.00	270.63660	(09113007)		
439056.70	3871476.00	290.14561	(09113007)	439156.70
3871475.00	306.47156	(09113007)		
439256.70	3871474.00	324.60451	(09113007)	439356.70
3871472.00	344.80092	(09113007)		
439456.60	3871471.00	361.70755	(09113007)	439556.60
3871470.00	378.56257	(09113007)		
439656.60	3871468.00	393.72980	(09113007)	439756.60
3871467.00	403.22137	(09113007)		
439856.60	3871466.00	416.53107	(09113007)	439877.70
3871465.00	420.17346	(09113007)		
439879.30	3871565.00	401.57665	(09113007)	439880.80
3871665.00	404.35672	(13121007)		
439882.40	3871765.00	404.18872	(13121007)	439884.00
3871865.00	336.22645	(13121007)		
439885.60	3871965.00	284.77947	(12121907)	439887.10
3872065.00	314.60106	(12121907)		
439888.70	3872165.00	270.21942	(12121907)	439890.30
3872265.00	229.27025	(10102917)		
439891.90	3872365.00	203.28694	(13121208)	439893.40
3872465.00	196.42967	(12121907)		
439895.00	3872565.00	188.27657	(12121907)	439896.60
3872665.00	188.17897	(12013117)		
439898.20	3872765.00	190.95121	(12013117)	439899.80
3872865.00	190.35356	(12013117)		
439901.30	3872965.00	186.92327	(13120417)	439902.90
3873065.00	195.17087	(13120417)		
439903.70	3873112.00	194.87781	(13120417)	439803.70
3873113.00	186.72922	(13120417)		
439703.70	3873114.00	174.77874	(13120417)	439603.70
3873115.00	163.95387	(12013117)		
439503.70	3873116.00	161.41979	(12013117)	439403.70
3873117.00	157.80946	(12013117)		
439303.70	3873118.00	153.56147	(12013117)	439203.70
3873120.00	149.00939	(12013117)		
439103.70	3873121.00	144.18329	(12013117)	439003.70

3873122.00 139.50887 (12013117)  
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1001A \*\*\*  
 INCLUDING SOURCE(S): 1001A ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	X-COORD (M)
Y-COORD (M)	CONC (YYMMDDHH)		
438903.70	3873123.00	135.51973 (12013117)	438803.70
3873124.00	131.47461 (12013117)		
438703.70	3873125.00	129.78161 (13121208)	438603.70
3873126.00	128.34261 (13121208)		
438503.80	3873127.00	126.79969 (13121208)	438403.80
3873128.00	125.45864 (13121208)		
438303.80	3873129.00	124.09781 (13121208)	438203.80
3873130.00	122.91480 (13121208)		
438103.80	3873131.00	121.58211 (10102917)	438003.80
3873132.00	120.61578 (10102917)		
437903.80	3873133.00	119.18439 (10102917)	437803.80
3873134.00	117.02292 (10102917)		
437703.80	3873135.00	115.40869 (10020408)	437603.80
3873137.00	114.64187 (10020408)		
437503.80	3873138.00	114.40775 (10020408)	437449.40
3873138.00	114.35526 (12121907)		
437449.80	3873038.00	121.12071 (12121907)	437450.30
3872938.00	128.91865 (12121907)		
437450.80	3872838.00	133.29768 (12121907)	437451.20
3872738.00	129.84423 (12121907)		
437451.70	3872638.00	113.72927 (12121907)	437452.10
3872538.00	86.50717 (12121907)		
437452.60	3872438.00	82.51796 (13121007)	437453.00
3872338.00	99.50919 (13121007)		
437453.50	3872238.00	113.77720 (13121007)	437453.90
3872138.00	127.13571 (13121007)		
437454.40	3872038.00	143.79567 (13121007)	437454.80

3871938.00	160.66454	(13121007)		
437455.30	3871838.00	168.84708	(13121007)	437455.70
3871738.00	159.15790	(13121007)		
437456.20	3871638.00	129.45439	(11122207)	437456.60
3871538.00	142.76067	(11122207)		
435800.90	3871509.00	89.69856	(11122207)	435900.90
3871509.00	92.17222	(11122207)		
436000.90	3871509.00	94.73267	(11122207)	436100.90
3871509.00	96.89483	(11122207)		
436200.90	3871509.00	99.61487	(11122207)	436300.90
3871509.00	102.43487	(11122207)		
436400.90	3871509.00	105.36554	(11122207)	436500.90
3871509.00	108.40844	(11122207)		
436600.90	3871509.00	111.59816	(11122207)	436700.90
3871509.00	114.86259	(11122207)		
436800.90	3871509.00	118.29198	(11122207)	436900.90
3871509.00	121.86629	(11122207)		
437000.90	3871509.00	125.92818	(11122207)	437100.90
3871509.00	130.17380	(11122207)		
437200.90	3871510.00	134.53214	(11122207)	437300.90
3871510.00	138.29136	(11122207)		
437400.90	3871510.00	143.07208	(11122207)	437448.90
3871510.00	145.10627	(11122207)		
437448.90	3871610.00	133.43084	(11122207)	437448.90
3871710.00	152.23978	(13121007)		
437448.90	3871810.00	167.47881	(13121007)	437448.90
3871910.00	163.95445	(13121007)		
437448.90	3872010.00	148.75242	(13121007)	437448.90
3872110.00	131.35262	(13121007)		
437448.90	3872210.00	117.31061	(13121007)	437448.90
3872310.00	103.59622	(13121007)		
437448.90	3872410.00	87.70259	(13121007)	437448.90
3872510.00	77.50049	(12121907)		
437448.90	3872610.00	106.80757	(12121907)	437449.00
3872710.00	126.30913	(12121907)		
437449.00	3872810.00	133.13532	(12121907)	437449.00
3872910.00	130.79533	(12121907)		
437449.00	3873010.00	123.42973	(12121907)	437449.00
3873110.00	116.07662	(12121907)		
437449.00	3873210.00	110.77465	(10020408)	437449.00
3873211.00	110.73218	(10020408)		
437349.00	3873212.00	110.21014	(10020408)	437249.00
3873213.00	109.71162	(10020408)		
437149.00	3873215.00	109.35226	(12121907)	437049.00
3873216.00	109.03221	(12121907)		
436949.00	3873217.00	109.21276	(12121907)	436849.00
3873218.00	109.51752	(12121907)		
436749.10	3873220.00	109.66643	(12121907)	436649.10
3873221.00	109.18534	(12121907)		
436549.10	3873222.00	108.49640	(12121907)	436449.10

3873224.00 107.51232 (12121907)  
 436349.10 3873225.00 106.25705 (12121907) 436249.10

3873226.00 104.74006 (12121907)

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\*\*\* MODELOPTs: RegDFault CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1001A \*\*\*  
 INCLUDING SOURCE(S): 1001A ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)
Y-COORD (M)	CONC	(YYMMDDHH)		
436149.10	3873228.00	102.60228	(12121907)	436049.10
3873229.00	100.40802	(12121907)		
435949.10	3873230.00	97.63935	(12121907)	435849.10
3873232.00	94.41114	(12121907)		
435835.80	3873232.00	93.97770	(12121907)	435833.70
3873132.00	84.27425	(12121907)		
435831.70	3873032.00	69.27282	(12121907)	435829.70
3872932.00	51.02807	(12121907)		
435827.70	3872832.00	36.56425	(12122017)	435825.60
3872732.00	38.50300	(12122017)		
435823.60	3872632.00	42.44206	(13121007)	435821.60
3872532.00	56.90150	(13121007)		
435819.60	3872432.00	70.58364	(13121007)	435817.50
3872332.00	83.29706	(13121007)		
435815.50	3872232.00	94.75312	(13121007)	435813.50
3872132.00	105.70647	(13121007)		
435811.50	3872032.00	114.23285	(13121007)	435809.40
3871932.00	117.54385	(13121007)		
435807.40	3871832.00	112.13419	(13121007)	435805.40
3871732.00	97.36032	(13121007)		
435803.40	3871632.00	77.13943	(11122207)	435801.40
3871532.00	87.62929	(11122207)		
435809.00	3873839.00	84.51410	(10020408)	435714.00
3873870.00	83.62152	(10020408)		
435619.00	3873902.00	82.65134	(10020408)	435524.10

3873933.00	81.14151	(10020408)			
435484.00	3873946.00	80.69536	(10020408)		435384.10
3873949.00	80.42498	(10020408)			
435284.10	3873952.00	79.87015	(10020408)		435184.20
3873956.00	78.81514	(10020408)			
435084.20	3873959.00	77.61522	(10020408)		434984.30
3873962.00	76.27478	(10020408)			
434884.30	3873965.00	75.40819	(12121907)		434784.30
3873968.00	75.96121	(12121907)			
434684.40	3873971.00	76.36528	(12121907)		434626.00
3873973.00	76.55678	(12121907)			
434568.80	3873891.00	79.71052	(12121907)		434511.60
3873809.00	80.98730	(12121907)			
434511.00	3873808.00	80.98933	(12121907)		434416.00
3873777.00	79.99444	(12121907)			
434404.00	3873773.00	79.80831	(12121907)		434346.10
3873855.00	79.56886	(12121907)			
434288.20	3873936.00	78.26318	(12121907)		434279.00
3873949.00	77.98006	(12121907)			
434180.20	3873964.00	77.38490	(12121907)		434081.30
3873980.00	76.64649	(12121907)			
434026.00	3873988.00	76.27012	(12121907)		433926.00
3873987.00	75.68206	(12121907)			
433826.00	3873985.00	74.90189	(12121907)		433726.00
3873984.00	73.91801	(12121907)			
433626.00	3873982.00	72.65650	(12121907)		433526.10
3873981.00	71.13045	(12121907)			
433426.10	3873980.00	69.41912	(12121907)		433326.10
3873978.00	67.37922	(12121907)			
433226.10	3873977.00	65.15866	(12121907)		433126.10
3873975.00	62.63777	(12121907)			
433026.10	3873974.00	60.04998	(12121907)		432967.00
3873973.00	58.41490	(12121907)			
432867.60	3873963.00	54.91490	(12121907)		432770.00
3873952.00	51.26940	(12121907)			
432681.60	3873905.00	44.79052	(12121907)		432679.00
3873904.00	44.62817	(12121907)			
432681.20	3873804.00	35.13863	(12121907)		432683.40
3873704.00	25.93615	(12121907)			
432685.70	3873604.00	19.40923	(12122017)		432687.90
3873504.00	21.69339	(12122017)			
432690.10	3873404.00	23.55995	(12122017)		432691.00
3873364.00	24.11961	(12122017)			
432791.00	3873364.00	24.12836	(12122017)		432891.00
3873364.00	24.11480	(12122017)			
432991.00	3873364.00	24.08030	(12122017)		433091.00
3873364.00	24.02054	(12122017)			
433191.00	3873364.00	23.94221	(12122017)		433291.00
3873364.00	23.83727	(12122017)			
433391.00	3873364.00	23.72433	(12122017)		433491.00

3873364.00 23.65417 (12122017)  
 433591.00 3873364.00 23.52584 (12122017) 433691.00  
 3873364.00 23.36880 (12122017)  
 433791.00 3873364.00 24.52319 (12121907) 433891.00  
 3873365.00 27.66683 (12121907)  
 \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*  
 \*\*\* 09/09/20  
 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*  
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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1001A \*\*\*  
 INCLUDING SOURCE(S): 1001A ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)
Y-COORD (M)	CONC	(YYMMDDHH)		
433991.00	3873365.00	30.93451	(12121907)	434091.00
3873365.00	34.43720	(12121907)		
434191.00	3873365.00	38.20094	(12121907)	434291.00
3873365.00	42.14620	(12121907)		
434391.00	3873365.00	46.30303	(12121907)	434491.00
3873365.00	50.53487	(12121907)		
434591.00	3873365.00	54.87833	(12121907)	434691.00
3873365.00	59.27789	(12121907)		
434791.00	3873365.00	63.74830	(12121907)	434891.00
3873365.00	68.18435	(12121907)		
434991.00	3873365.00	72.38017	(12121907)	435091.00
3873365.00	76.62768	(12121907)		
435191.00	3873365.00	80.64064	(12121907)	435291.00
3873365.00	84.19674	(12121907)		
435391.00	3873365.00	87.38651	(12121907)	435491.00
3873365.00	90.41051	(12121907)		
435591.00	3873365.00	93.12754	(12121907)	435691.00
3873365.00	95.20797	(12121907)		
435791.00	3873365.00	96.89300	(12121907)	435836.00
3873365.00	97.54473	(12121907)		
435830.30	3873465.00	95.54266	(12121907)	435824.60
3873565.00	91.61040	(12121907)		
435818.90	3873665.00	86.48471	(12121907)	435813.30



3873764.00	85.81045	(10020408)			
433343.00	3874839.00	60.80585	(10020408)		433243.10
3874835.00	61.39935	(10020408)			
433143.20	3874831.00	61.77330	(10020408)		433043.30
3874827.00	61.88060	(10020408)			
432943.30	3874823.00	61.75390	(10020408)		432843.40
3874819.00	61.34389	(10020408)			
432809.00	3874817.00	61.16366	(10020408)		432808.50
3874717.00	60.13564	(10020408)			
432807.90	3874617.00	59.00108	(12121907)		432807.40
3874517.00	63.48195	(12121907)			
432807.00	3874449.00	65.68715	(12121907)		432707.00
3874448.00	65.88922	(12121907)			
432675.00	3874448.00	65.89957	(12121907)		432675.30
3874348.00	66.86439	(12121907)			
432675.70	3874248.00	65.76342	(12121907)		432676.00
3874164.00	63.09340	(12121907)			
432754.00	3874129.00	62.94649	(12121907)		432853.50
3874119.00	64.26590	(12121907)			
432953.00	3874109.00	65.61797	(12121907)		432999.00
3874104.00	66.24021	(12121907)			
433099.00	3874105.00	67.91522	(12121907)		433199.00
3874105.00	69.41267	(12121907)			
433299.00	3874106.00	70.68584	(12121907)		433399.00
3874106.00	71.64340	(12121907)			
433499.00	3874107.00	72.42362	(12121907)		433599.00
3874107.00	73.03520	(12121907)			
433699.00	3874108.00	73.39224	(12121907)		433799.00
3874108.00	73.59915	(12121907)			
433899.00	3874109.00	73.56483	(12121907)		433999.00
3874109.00	73.41335	(12121907)			
434099.00	3874110.00	73.07092	(12121907)		434169.00
3874110.00	72.76405	(12121907)			
434176.00	3874210.00	68.46096	(10020408)		434183.00
3874310.00	70.03101	(10020408)			
434190.00	3874409.00	69.40741	(10020408)		434197.00
3874509.00	67.01243	(10020408)			
434204.00	3874609.00	65.97722	(10102917)		434211.00
3874709.00	68.28172	(10102917)			
434217.90	3874808.00	68.57118	(10102917)		434218.00
3874809.00	68.56677	(10102917)			
434118.10	3874813.00	68.00003	(10102917)		434018.10
3874816.00	67.19929	(10102917)			
433918.20	3874819.00	66.14548	(10102917)		433818.20
3874823.00	64.79378	(10102917)			
433718.30	3874826.00	63.22292	(10102917)		433618.30
3874830.00	61.39652	(10102917)			
433518.40	3874833.00	59.75284	(10020408)		433418.50
3874837.00	60.35624	(10020408)			

▲ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*\*

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\*\*\* AERMET - VERSION 14134 \*\*\*  
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: 1001B \*\*\*  
INCLUDING SOURCE(S): 1001B ,

\*\*\* NETWORK ID: COURSE ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD (METERS)		X-COORD (METERS)
432233.00	430733.00	431233.00
	432733.00	431733.00

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3879761.0	34.67552 (13120417)	12.37420 (12111608)	55.50513 (11112117)
96.29994 (11112117)	83.75930 (11112117)		
3879261.0	81.61469 (13120417)	53.51392 (13120417)	18.67527 (13120417)
48.23585 (11112117)	99.94792 (11112117)		
3878761.0	70.90369 (13120417)	93.85700 (13120417)	73.22683 (13120417)
31.25297 (13120417)	42.40854 (11112117)		
3878261.0	42.97947 (12013117)	55.90306 (13120417)	96.93116 (13120417)
96.04911 (13120417)	51.59254 (13120417)		
3877761.0	63.90182 (12013117)	59.51361 (12013117)	44.08104 (12013117)
84.39052 (13120417)	114.01808 (13120417)		
3877261.0	49.20717 (12013117)	65.67712 (12013117)	72.75278 (12013117)
64.23827 (12013117)	61.42508 (13120417)		
3876761.0	87.30685 (13121208)	71.62749 (13121208)	56.46170 (12013117)
76.36085 (12013117)	83.38166 (12013117)		
3876261.0	74.36409 (10102917)	95.15495 (10102917)	101.89656 (13121208)
91.49813 (13121208)	65.82839 (12013117)		
3875761.0	81.47939 (10020408)	96.09960 (10020408)	89.57351 (10020408)
103.19085 (10102917)	115.80303 (10102917)		
3875261.0	91.62902 (12121907)	102.62384 (12121907)	97.66550 (12121907)
100.88378 (10020408)	120.12859 (10020408)		
3874761.0	22.17455 (12121907)	41.13460 (12121907)	69.01505 (12121907)
102.34734 (12121907)	128.58662 (12121907)		
3874261.0	31.20937 (12122017)	30.77192 (12122017)	28.86098 (12122017)
25.12858 (12122017)	27.27892 (12121907)		
3873761.0	23.53105 (09122817)	24.97827 (12122017)	30.69251 (12122017)
36.86025 (12122017)	42.91303 (12122017)		
3873261.0	69.68146 (13121007)	69.65553 (13121007)	67.93277 (13121007)

65.47716 (13121007)	62.60683 (13121007)		
3872761.0   81.21433 (13121007)	88.66490 (13121007)	97.45809 (13121007)	
106.92828 (13121007)	118.89670 (13121007)		
3872261.0   56.28475 (10010817)	59.91478 (10010817)	63.63087 (10010817)	
67.90742 (10010817)	72.37605 (11122207)		
3871761.0   65.84717 (11122207)	69.70802 (11122207)	73.12231 (11122207)	
75.46892 (11122207)	77.81638 (11122207)		
3871261.0   89.27495 (09113007)	101.79922 (09113007)	110.73514 (09113007)	
112.02709 (09113007)	106.04449 (09113007)		
3870761.0   54.85253 (09112517)	60.43064 (09112517)	65.55348 (09112517)	
66.68779 (09112517)	64.72645 (09112517)		
3870261.0   45.38282 (09112517)	41.47702 (09112517)	35.53677 (09112517)	
28.50350 (09112517)	23.61666 (10110217)		
3869761.0   17.44683 (09112517)	18.53523 (10110217)	19.70365 (10110217)	
25.18743 (10102007)	33.10182 (10102007)		
3869261.0   17.87459 (10102007)	23.56841 (10102007)	34.50989 (12011217)	
59.58834 (12011217)	69.71942 (12011217)		
3868761.0   36.80636 (12011217)	53.20619 (12011217)	59.24709 (12011217)	
60.70981 (09011517)	77.27577 (09011517)		
3868261.0   50.80225 (12011217)	54.23309 (09011517)	68.38699 (09011517)	
57.34425 (12112717)	76.53731 (12112717)		
3867761.0   62.71502 (09011517)	49.81731 (09011517)	68.48079 (12112717)	
58.45489 (12112717)	56.01380 (12122817)		
3867261.0   61.78760 (12112717)	61.59052 (12112717)	52.52496 (12122817)	
45.86643 (11111017)	51.80658 (11111017)		
3866761.0   47.54214 (12122817)	45.76924 (12122817)	47.25942 (11111017)	
44.90241 (11111017)	56.73904 (09013007)		
3866261.0   48.36394 (11111017)	44.16301 (11111017)	45.40308 (09013007)	
51.76115 (09013007)	38.42242 (09013007)		
3865761.0   48.83175 (11111017)	45.37417 (09013007)	45.95758 (09013007)	
30.69962 (09013007)	15.20329 (12121917)		
3865261.0   43.40260 (09013007)	39.55421 (09013007)	24.42604 (09013007)	
12.58841 (12031507)	20.49654 (13112707)		
3864761.0   33.33913 (09013007)	19.94660 (12121917)	11.60484 (12031507)	
18.66283 (13112707)	39.13803 (09010507)		

▲ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*  
\*\*\* \*\* 09/09/20  
\*\*\* AERMET - VERSION 14134 \*\*\* \*\*  
\*\*\* \*\* 22:25:03

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: 1001B \*\*\*  
INCLUDING SOURCE(S): 1001B ,

\*\*\* NETWORK ID: COURSE ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD				X-COORD (METERS)
(METERS)	433233.00		433733.00	434233.00
434733.00		435233.00		

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3879761.0	51.38887 (10012807)	46.33588 (10012807)	40.25706 (09012607)
115.12954 (09012607)	106.06313 (12110107)		
3879261.0	94.77144 (11112117)	57.68210 (10012807)	47.81531 (10012807)
58.83722 (09012607)	129.40174 (09012607)		
3878761.0	103.39396 (11112117)	106.11136 (11112117)	61.63821 (10012807)
49.67818 (10012807)	84.31331 (09012607)		
3878261.0	35.86655 (11112117)	105.59885 (11112117)	121.91170 (11112117)
67.85358 (10012807)	54.74982 (10012807)		
3877761.0	80.46537 (13120417)	29.13453 (11112117)	105.53251 (11112117)
136.72147 (11112117)	74.19359 (10012807)		
3877261.0	118.84779 (13120417)	115.55217 (13120417)	50.92991 (13120417)
102.34369 (11112117)	154.58912 (11112117)		
3876761.0	69.49281 (12013117)	102.77198 (13120417)	145.66294 (13120417)
88.17229 (13120417)	93.93811 (11112117)		
3876261.0	91.47566 (12013117)	97.20097 (12013117)	74.18550 (12013117)
153.76158 (13120417)	140.35660 (13120417)		
3875761.0	118.19599 (13121208)	78.85380 (12013117)	110.45499 (12013117)
112.99720 (12013117)	126.71178 (13120417)		
3875261.0	105.53891 (10020408)	141.31471 (10102917)	150.23518 (13121208)
105.67557 (13121208)	137.98212 (12013117)		
3874761.0	132.57953 (12121907)	129.08267 (10020408)	154.31252 (10020408)
157.21680 (10102917)	190.74300 (13121208)		
3874261.0	56.43950 (12121907)	103.10081 (12121907)	157.38458 (12121907)
188.61968 (12121907)	179.05785 (10020408)		
3873761.0	47.96840 (12122017)	50.82105 (12122017)	50.12509 (12122017)
44.66082 (12122017)	85.76703 (12121907)		
3873261.0	58.40488 (13121007)	52.95892 (13121007)	53.42348 (09122817)
55.76386 (09122817)	60.15085 (12122017)		
3872761.0	132.77857 (13121007)	149.42253 (13121007)	170.23853 (13121007)
196.61704 (13121007)	231.43662 (13121007)		
3872261.0	83.47615 (11122207)	96.85987 (11122207)	113.88956 (11122207)
134.54871 (11122207)	160.69343 (11122207)		
3871761.0	102.82209 (09113007)	135.47474 (09113007)	171.35525 (09113007)
203.08488 (09113007)	216.77163 (09113007)		
3871261.0	90.99032 (09113007)	95.09498 (09112517)	103.74794 (09112517)
104.71114 (09112517)	96.14990 (09112517)		
3870761.0	58.90027 (09112517)	49.06874 (09112517)	36.57961 (09112517)
41.52548 (10102007)	62.19727 (10102007)		
3870261.0	26.37828 (10102007)	37.13546 (10102007)	60.93442 (12011217)
104.37727 (12011217)	108.79252 (09011517)		
3869761.0	61.08240 (12011217)	85.03118 (12011217)	84.51702 (09011517)

112.51284 (09011517)	131.00310 (12112717)		
3869261.0   70.20989 (09011517)	91.27183 (09011517)	95.41745 (12112717)	
93.41647 (12112717)	88.03144 (11111017)		
3868761.0   73.13322 (12112717)	85.12856 (12112717)	76.74001 (12122817)	
80.26147 (11111017)	97.09559 (09013007)		
3868261.0   65.14191 (12122817)	60.03299 (11111017)	67.43346 (11111017)	
84.93755 (09013007)	57.46500 (09013007)		
3867761.0   57.77487 (11111017)	63.03684 (09013007)	71.22424 (09013007)	
42.32102 (09013007)	35.59402 (13112707)		
3867261.0   60.89958 (09013007)	58.58841 (09013007)	32.39583 (12121917)	
31.59951 (13112707)	91.99088 (09010507)		
3866761.0   47.65830 (09013007)	25.00415 (12121917)	27.70617 (13112707)	
77.78926 (09010507)	46.43245 (09123117)		
3866261.0   19.46106 (12121917)	25.29712 (13112707)	70.40652 (09010507)	
47.59902 (09123117)	25.70176 (13020117)		
3865761.0   22.73080 (13112707)	60.01013 (09010507)	62.10650 (09010507)	
21.93234 (13020117)	8.76751 (13020117)		
3865261.0   48.65416 (09010507)	76.95105 (09010507)	38.15499 (09123117)	
13.18964 (13020117)	7.22699 (11082307)		
3864761.0   70.99351 (09010507)	67.29050 (09123117)	27.40495 (10012008)	
7.16879 (10082007)	7.59892 (10020517)		

^ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*\*  
                               \*\*\*          09/09/20  
 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*  
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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1001B \*\*\*  
 INCLUDING SOURCE(S): 1001B ,

\*\*\* NETWORK ID: COURSE ; NETWORK TYPE:  
 GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3  
 \*\*

Y-COORD (METERS)		X-COORD (METERS)
437233.00	435733.00	436233.00
	437733.00	436733.00

3879761.0   106.88953 (12110107)	129.92418 (13123017)	84.63530 (13123017)
125.37770 (13110817)	120.86551 (12032707)	
3879261.0   132.02901 (12110107)	87.32411 (13010707)	79.37822 (13123017)
38.59702 (13110817)	150.79158 (13110817)	
3878761.0   164.63754 (09012607)	139.34903 (12110107)	146.01817 (13123017)

84.07602	(13123017)	165.97048	(13110817)		
3878261.0	121.40413	(09012607)	156.83035	(09012607)	137.31056 (12110107)
142.43158	(13123017)	115.41141	(13110817)		
3877761.0	53.08861	(10012807)	151.89900	(09012607)	133.94058 (12110107)
121.90853	(13123017)	105.01026	(13123017)		
3877261.0	83.22422	(10012807)	59.71901	(09012607)	182.33451 (09012607)
180.44549	(12110107)	203.47433	(13123017)		
3876761.0	173.46227	(11112117)	94.47912	(10012807)	98.63601 (09012607)
216.40310	(09012607)	184.99911	(12110107)		
3876261.0	84.64720	(11112117)	196.56689	(11112117)	107.23366 (10012807)
160.13352	(09012607)	224.02021	(12110107)		
3875761.0	191.89148	(13120417)	93.11264	(13120417)	223.52096 (11112117)
133.26379	(11112117)	221.59224	(09012607)		
3875261.0	132.40853	(12013117)	215.73397	(13120417)	180.64171 (13120417)
253.54609	(11112117)	171.69243	(11112117)		
3874761.0	156.34281	(13121208)	183.67147	(12013117)	173.01780 (13120417)
288.44623	(13120417)	280.63530	(11112117)		
3874261.0	219.09201	(10020408)	252.67998	(10102917)	248.32220 (13121208)
260.34793	(12013117)	351.46914	(13120417)		
3873761.0	182.78534	(12121907)	288.99785	(12121907)	296.10220 (12121907)
341.65219	(10020408)	418.47378	(13121208)		
3873261.0	81.68735	(12122017)	104.51084	(12122017)	120.92728 (12122017)
157.50594	(12121907)	438.98578	(12121907)		
3872761.0	276.92404	(13121007)	333.99797	(13121007)	409.01706 (13121007)
514.48708	(13121007)	641.33729	(13121007)		
3872261.0	192.69424	(11122207)	229.14382	(11122207)	269.43038 (11122207)
427.67389	(09113007)	650.96742	(09113007)		
3871761.0	200.51774	(09113007)	199.07652	(09112517)	217.36323 (09112517)
197.23905	(09112517)	183.67852	(10102007)		
3871261.0	76.53104	(09112517)	76.44608	(10102007)	154.78999 (12011217)
251.99635	(12011217)	311.51672	(12112717)		
3870761.0	130.88948	(12011217)	161.57244	(12011217)	205.98059 (09011517)
232.48382	(12122817)	246.96742	(09013007)		
3870261.0	149.64160	(09011517)	176.46629	(12112717)	143.65731 (11111017)
177.91407	(09013007)	106.55781	(09010507)		
3869761.0	117.64310	(12122817)	120.43021	(11111017)	138.62731 (09013007)
76.46160	(09010507)	125.68780	(09010507)		
3869261.0	105.47676	(09013007)	104.75068	(09013007)	59.01607 (13112707)
121.93140	(09010507)	42.21069	(13020117)		
3868761.0	77.86219	(09013007)	49.19257	(13112707)	115.92782 (09010507)
55.52400	(10012008)	25.07917	(11120917)		
3868261.0	40.28294	(13112707)	110.38420	(09010507)	52.14963 (10012008)
18.60573	(13020117)	9.47158	(09121009)		
3867761.0	93.86624	(09010507)	47.37417	(09123117)	23.78050 (13020117)
11.72481	(10020517)	8.76027	(11121209)		
3867261.0	60.74580	(09123117)	27.47178	(13020117)	12.21672 (10020517)
7.64821	(09121009)	10.04709	(11121209)		
3866761.0	26.36279	(13020117)	9.42505	(10020517)	8.54226 (09121009)
7.85592	(11121209)	8.94083	(13100407)		
3866261.0	8.73342	(13020117)	8.41997	(11082307)	6.18192 (09121009)

9.20823 (11121209)	6.30121 (11121209)		
3865761.0   8.09840 (11082307)	7.33301 (09121009)	7.20044 (11121209)	
8.51214 (11121209)	4.62642 (12020710)		
3865261.0   7.65670 (09121009)	5.17333 (09010909)	8.45857 (11121209)	
7.19932 (13100407)	5.20886 (09072207)		
3864761.0   6.26830 (09121009)	6.64468 (11121209)	8.15239 (13100407)	
4.55057 (12020710)	6.07872 (09031707)		

^ \*\*\* AERMOD - VERSION 19191 \*\*\*  
 \*\*\* 09/09/20  
 \*\*\* AERMET - VERSION 14134 \*\*\*  
 \*\*\* 22:25:03

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1001B \*\*\*  
 INCLUDING SOURCE(S): 1001B ,

\*\*\* NETWORK ID: COURSE ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD			X-COORD (METERS)
(METERS)	438233.00	438733.00	439233.00
439733.00	440233.00		

3879761.0	104.34825 (09102117)	109.60048 (09102117)	128.24188 (13010917)
105.48184 (11112407)	73.01509 (12111517)		
3879261.0	114.34370 (12032707)	137.80976 (09102117)	141.31929 (13010917)
115.97700 (11112407)	83.06583 (12111517)		
3878761.0	149.72587 (12032707)	152.56242 (09102117)	146.31022 (13010917)
138.26280 (11112407)	106.83806 (12111517)		
3878261.0	150.53364 (12032707)	154.30053 (09102117)	167.61572 (13010917)
167.23803 (09121717)	138.18956 (12111517)		
3877761.0	188.67284 (13110817)	143.12126 (12032707)	166.23246 (12101107)
193.13908 (09121717)	148.66685 (12111517)		
3877261.0	182.96791 (13110817)	184.45505 (12032707)	180.53702 (09102117)
211.03840 (09121717)	183.00474 (12111517)		
3876761.0	179.33844 (13123017)	214.01241 (13110817)	206.73184 (09102117)
224.00228 (09121717)	163.25100 (12111517)		
3876261.0	236.71114 (13123017)	244.33770 (13110817)	216.24840 (09102117)
223.48848 (13010917)	226.02337 (11112407)		
3875761.0	275.62367 (12110107)	259.48727 (13123017)	202.71074 (12032707)
279.43391 (13010917)	266.58222 (11112407)		
3875261.0	306.76475 (09012607)	329.45772 (13123017)	254.98195 (13110817)

194.92923	(09102117)	310.95893	(11112407)		
3874761.0	242.77379	(11112117)	396.59837	(09012607)	215.12910 (13123017)
127.43426	(12032707)	352.99743	(11112407)		
3874261.0	316.17995	(11112117)	339.98416	(11112117)	471.34300 (12110107)
424.11758	(13110817)	380.30992	(11112407)		
3873761.0	403.23637	(12013117)	495.67395	(13120417)	462.64780 (11112117)
474.16312	(13123017)	459.49864	(11112407)		
3873261.0	646.61871	(12121907)	729.42387	(10102917)	778.87912 (13120417)
749.56469	(11112117)	643.17468	(11112407)		
3872761.0	804.23321	(13121007)	965.40039	(13121007)	1106.58875 (13121007)
2734.23338	(12121907)	2365.71317	(12013117)		
3872261.0	751.45480	(09113007)	708.83446	(09112517)	807.85148 (12011217)
828.78401	(09013007)	849.76632	(09010207)		
3871761.0	414.61052	(12011217)	482.95534	(12112717)	402.77278 (09013007)
397.52662	(09010207)	325.57174	(13020407)		
3871261.0	304.39672	(11111017)	270.36799	(09013007)	275.82802 (09010207)
249.48659	(09010207)	210.67802	(13020407)		
3870761.0	137.75695	(09010507)	210.29277	(09123117)	263.06832 (09010207)
158.89999	(10101507)	124.64158	(13020708)		
3870261.0	185.41846	(09123117)	144.38997	(09010207)	130.31144 (09030207)
158.69921	(10101507)	84.95865	(10010408)		
3869761.0	87.88803	(13010208)	108.48052	(09010207)	82.92851 (10101507)
91.35357	(13020407)	100.94443	(10010408)		
3869261.0	20.06106	(11120917)	54.95350	(09030207)	58.08239 (10101507)
64.44493	(09121117)	69.53022	(10010408)		
3868761.0	15.92280	(09012908)	26.89365	(09012908)	36.56467 (10101507)
49.50449	(09121117)	50.26639	(10010408)		
3868261.0	11.26651	(13100407)	14.76663	(11122917)	26.60471 (09100107)
38.67246	(09121117)	37.24396	(10010408)		
3867761.0	9.83829	(13100407)	15.30164	(09031707)	26.11389 (09100107)
28.23368	(09121117)	26.04770	(13011508)		
3867261.0	5.90676	(11121209)	13.99175	(09031707)	22.74524 (09100107)
21.93604	(09121117)	20.04430	(13011508)		
3866761.0	6.11180	(09072207)	10.83715	(09031707)	18.81171 (09100107)
15.72302	(09121117)	14.28364	(13011508)		
3866261.0	7.44790	(09090207)	9.13157	(09090207)	14.95028 (09100107)
10.93382	(13010107)	12.33647	(12091907)		
3865761.0	8.53331	(09090207)	8.91497	(10030508)	11.32017 (09100107)
8.97215	(12041607)	11.82520	(12091907)		
3865261.0	8.93413	(09090207)	9.31601	(10030508)	8.09131 (09100107)
8.25294	(12041607)	11.34954	(12091907)		
3864761.0	8.64794	(09090207)	10.17572	(09100107)	8.17669 (12041607)
7.57708	(12041607)	10.95772	(12091907)		

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^ *** AERMOD - VERSION 19191 *** ***
      ***                09/09/20
*** AERMET - VERSION 14134 *** ***
      ***                22:25:03

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VALUES FOR SOURCE GROUP: 1001B \*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 INCLUDING SOURCE(S): 1001B ,

GRIDCART \*\*\* \*\* NETWORK ID: COURSE ; NETWORK TYPE:

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

Y-COORD | X-COORD (METERS)  
 (METERS) | 440733.00 441233.00 441733.00  
 442233.00 442733.00

3879761.0	39.70746 (10021007)	47.01171 (09012717)	37.77943 (09020308)
15.03849 (12031207)	11.51095 (09101207)		
3879261.0	44.04803 (10021007)	55.08995 (09012717)	45.35508 (09020308)
23.87054 (12012417)	20.36522 (12013017)		
3878761.0	53.67485 (10021007)	73.48890 (09012717)	57.17796 (09020308)
41.46587 (12012417)	30.48495 (12013017)		
3878261.0	74.67487 (13120517)	88.07378 (09021007)	71.80774 (09122808)
60.43799 (12012417)	46.23100 (12013017)		
3877761.0	85.16205 (13120517)	110.99671 (09021007)	110.40651 (09122808)
74.10483 (12013017)	59.37763 (10102517)		
3877261.0	133.76093 (13120517)	139.06243 (10022507)	135.87829 (12012417)
87.79150 (12013017)	109.79334 (11110817)		
3876761.0	167.28477 (13120517)	171.06903 (10022507)	152.46591 (12012417)
137.33175 (11110817)	146.77657 (11122017)		
3876261.0	197.20955 (13120517)	171.39676 (09122808)	95.11755 (12013017)
161.76132 (11110817)	169.98362 (12122708)		
3875761.0	221.33856 (13120517)	62.95264 (12012417)	66.82341 (12013017)
172.01553 (11122017)	215.97161 (09111717)		
3875261.0	252.20795 (09021007)	225.17964 (12012417)	231.21827 (11110817)
246.25427 (09111717)	248.05867 (12011107)		
3874761.0	281.83171 (09021007)	267.33063 (11110817)	286.02245 (12122708)
292.15090 (12011107)	267.71239 (12111417)		
3874261.0	328.80680 (09122808)	344.32368 (11122017)	362.57936 (12011107)
323.04438 (12111417)	255.25075 (13010717)		
3873761.0	398.66766 (11110817)	453.87583 (12011107)	416.04557 (13010717)
393.56115 (13103117)	242.50416 (09110217)		
3873261.0	657.92037 (12011107)	673.42946 (13103117)	454.60036 (09110217)
196.07051 (09030307)	81.92393 (09030307)		
3872761.0	1729.47215 (09110217)	1015.52236 (13121217)	724.81466 (13121217)
614.98806 (13121217)	460.32281 (09111617)		
3872261.0	827.06853 (09120207)	869.99054 (09010807)	774.45861 (12022307)
403.68457 (10012908)	469.44630 (12112617)		
3871761.0	349.10199 (13120607)	401.48110 (13020507)	434.26832 (13111317)

413.86468 (09010807) 240.59465 (12112207)  
3871261.0 | 209.49308 (12112107) 224.05180 (10021507) 249.33436 (13022207)  
258.70372 (09120207) 232.88711 (13111317)  
3870761.0 | 130.74914 (09021307) 136.41427 (09103017) 109.03600 (09010608)  
142.42008 (13022207) 145.07381 (13012117)  
3870261.0 | 92.87930 (09021307) 87.18897 (12120608) 53.94916 (09103017)  
41.33813 (09010608) 54.33790 (12112808)  
3869761.0 | 61.56489 (13020708) 48.96260 (12120608) 41.32838 (09103017)  
30.79738 (09123107) 29.14255 (09020508)  
3869261.0 | 53.76659 (13020708) 28.12051 (09021307) 22.33941 (09021608)  
22.13922 (12011117) 20.31348 (09123107)  
3868761.0 | 57.47356 (13020708) 26.02260 (11121307) 21.99206 (09021608)  
18.26761 (12011117) 19.04716 (13030807)  
3868261.0 | 50.05340 (13020708) 43.49752 (09021307) 27.74280 (12120608)  
15.10725 (12011117) 15.50734 (12011117)  
3867761.0 | 37.20259 (13020708) 35.58174 (09021307) 29.26142 (12112007)  
30.56430 (12120608) 23.62827 (12011117)  
3867261.0 | 27.63371 (13020708) 25.37980 (12102517) 26.38986 (09021307)  
30.11359 (12120608) 27.22863 (09103017)  
3866761.0 | 17.53399 (11121217) 17.42440 (12102517) 21.12311 (09021307)  
21.92786 (12120608) 17.39893 (12120608)  
3866261.0 | 14.08964 (11121217) 9.79768 (12102517) 15.61992 (11121307)  
14.71779 (10021208) 18.28465 (12120608)  
3865761.0 | 11.19042 (11121217) 7.63703 (09112309) 10.87557 (11121307)  
12.15360 (11121307) 14.49052 (12120608)  
3865261.0 | 9.39541 (11121217) 7.00086 (09112309) 6.85420 (09092508)  
12.67528 (11121307) 12.55871 (10021208)  
3864761.0 | 8.95157 (12091907) 6.76297 (09021909) 6.82266 (09112309)  
11.84067 (11121307) 11.21733 (10021208)

▲ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*  
\*\*\* 09/09/20  
\*\*\* AERMET - VERSION 14134 \*\*\* \*\*  
\*\*\* 22:25:03

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: 1001B \*\*\*  
INCLUDING SOURCE(S): 1001B ,

\*\*\* NETWORK ID: COURSE ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD | X-COORD (METERS)  
(METERS) | 443233.00 443733.00 444233.00  
444733.00 445233.00

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3879761.0	10.45229 (13112908)	18.12830 (10110417)	16.98249 (10012708)
16.43930 (13011417)	15.25824 (12122708)		
3879261.0	21.16244 (12013017)	19.48742 (10111517)	20.80806 (09012708)
18.53012 (10111007)	24.59156 (12122708)		
3878761.0	17.84717 (10110417)	30.30027 (09012708)	23.74036 (10111007)
27.31705 (12122708)	29.50396 (13121817)		
3878261.0	22.05215 (10111517)	31.71117 (13011417)	29.57647 (12122708)
38.22285 (09111717)	44.30608 (12011107)		
3877761.0	42.53186 (09012708)	36.80950 (12122708)	43.30504 (09111717)
58.06755 (12011107)	38.59383 (12011107)		
3877261.0	83.59876 (11122017)	68.45734 (12122708)	61.24528 (12011107)
67.99759 (12011107)	87.08714 (12111417)		
3876761.0	132.46436 (12122708)	91.83809 (12011107)	90.83777 (12011107)
125.92366 (12111417)	93.48237 (11100607)		
3876261.0	155.48731 (09111717)	137.27901 (12011107)	159.81929 (12111417)
127.15197 (11100607)	116.78361 (13010717)		
3875761.0	197.50295 (12011107)	210.61275 (12111417)	147.04715 (11100607)
151.43862 (13010717)	132.24699 (13103117)		
3875261.0	245.72397 (12111417)	199.61762 (13010717)	164.87604 (09012707)
194.50401 (13103117)	174.22775 (09110217)		
3874761.0	222.42809 (13010717)	203.54668 (13103117)	195.05518 (09110217)
125.30036 (09110217)	62.86679 (09030307)		
3874261.0	229.33892 (13103117)	158.03553 (09110217)	80.59966 (09030307)
72.15833 (09030307)	52.10880 (09030307)		
3873761.0	125.70132 (09030307)	87.78658 (09030307)	48.27676 (09030307)
23.20934 (09030307)	31.05983 (09011407)		
3873261.0	107.19582 (09011407)	121.91303 (09011407)	118.58167 (09011407)
131.98812 (09011407)	88.64271 (09011407)		
3872761.0	385.73143 (09111617)	333.41831 (09111617)	284.08628 (09111617)
241.99077 (09111617)	198.94394 (09111617)		
3872261.0	400.19829 (12112617)	257.75016 (12112617)	130.75614 (12112617)
151.46602 (09012907)	171.30338 (09012907)		
3871761.0	256.53150 (12022307)	288.65076 (12022307)	187.94355 (10012908)
70.21242 (10012908)	109.36936 (12112617)		
3871261.0	212.35956 (10030107)	189.26570 (11121207)	94.62906 (12112207)
83.28216 (12022307)	188.60561 (12022307)		
3870761.0	117.11117 (10031507)	110.51673 (13111317)	127.81790 (12120717)
138.56165 (11121207)	109.89022 (12112207)		
3870261.0	80.07714 (13012117)	76.31309 (10030507)	80.74874 (13111317)
76.34202 (13021307)	80.99120 (12120717)		
3869761.0	45.23672 (12112808)	40.22871 (13012117)	63.39007 (10012608)
45.71704 (10031507)	23.36542 (13111317)		
3869261.0	29.90820 (09020508)	36.87201 (12112808)	23.92036 (13020507)
40.92953 (13012117)	21.32451 (13030507)		
3868761.0	18.42481 (09123107)	24.93547 (09020508)	34.04941 (12112808)
22.27845 (11102407)	23.71904 (13012117)		
3868261.0	15.88754 (13030807)	19.10305 (09010608)	25.01749 (09020508)

28.47520 (12112808)	17.06600 (11102407)	
3867761.0   15.53956 (13030807)	16.11399 (09123107)	18.82620 (09010608)
20.63268 (09020508)	23.15761 (12112808)	
3867261.0   22.35821 (12111317)	15.03213 (13030807)	14.71976 (09123107)
11.57652 (09020508)	16.94764 (09020508)	
3866761.0   21.88772 (12011117)	13.49218 (10040707)	11.51898 (13030807)
10.59913 (09123107)	10.98703 (09020508)	
3866261.0   16.83066 (09103017)	17.58893 (12111317)	12.95636 (13030807)
7.27366 (13030807)	6.01584 (11121308)	
3865761.0   9.55268 (12011009)	16.46990 (12011117)	12.58148 (10040707)
10.66033 (13030807)	4.60875 (09123107)	
3865261.0   10.64875 (09021608)	10.70531 (09103017)	13.43534 (12111317)
11.15786 (10040707)	7.57955 (13030807)	
3864761.0   12.15024 (09021608)	9.01271 (12011009)	13.35011 (12011117)
11.47799 (10040707)	8.71498 (13030807)	

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^ *** AERMOD - VERSION 19191 *** ***
      ***          09/09/20
*** AERMET - VERSION 14134 *** ***
      ***          22:25:03
  
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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: 1001B ***
      INCLUDING SOURCE(S): 1001B ,
  
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\*\*\* NETWORK ID: COURSE ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD		X-COORD (METERS)
(METERS)	445733.00	

3879761.0	22.92088 (09111717)
3879261.0	28.03027 (13121817)
3878761.0	41.06404 (12011107)
3878261.0	28.71293 (12011107)
3877761.0	61.20299 (12111417)
3877261.0	67.48925 (11100607)
3876761.0	97.06421 (13010717)
3876261.0	105.75353 (09012707)
3875761.0	132.92336 (13103117)
3875261.0	94.00163 (09110217)
3874761.0	77.33796 (09030307)
3874261.0	29.34836 (09030307)

3873761.0 | 41.20680 (09011407)  
 3873261.0 | 90.01663 (13121217)  
 3872761.0 | 154.62675 (09111617)  
 3872261.0 | 167.26424 (09012907)  
 3871761.0 | 157.63490 (12112617)  
 3871261.0 | 181.50461 (10012908)  
 3870761.0 | 54.11467 (12112207)  
 3870261.0 | 90.22432 (11121207)  
 3869761.0 | 39.90856 (13021307)  
 3869261.0 | 27.18166 (10031507)  
 3868761.0 | 27.61295 (10012608)  
 3868261.0 | 14.58878 (13110617)  
 3867761.0 | 13.22667 (11102407)  
 3867261.0 | 20.89721 (12112808)  
 3866761.0 | 14.33959 (09020508)  
 3866261.0 | 10.07476 (09020508)  
 3865761.0 | 6.33098 (12102908)  
 3865261.0 | 3.18557 (11091308)  
 3864761.0 | 4.16716 (13030807)

^ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*\*  
 \*\*\* 09/09/20  
 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*  
 \*\*\* 22:25:03

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1001B \*\*\*  
 INCLUDING SOURCE(S): 1001B ,

\*\*\* NETWORK ID: DESERTL ; NETWORK TYPE:  
 GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3  
 \*\*

Y-COORD (METERS)			X-COORD (METERS)
436000.40	435850.40	435900.40	435950.40
	436050.40		

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3874157.0	242.81766 (10020408)	241.13346 (10020408)	240.26018 (10020408)
238.87957 (10020408)	236.73976 (10020408)		
3874107.0	235.71543 (10020408)	240.44268 (10020408)	243.53880 (10020408)
246.82124 (10020408)	248.45366 (10020408)		
3874057.0	214.29181 (10020408)	224.07205 (10020408)	233.59596 (10020408)
241.24869 (10020408)	247.77019 (10020408)		
3874007.0	232.14047 (12121907)	227.26680 (12121907)	221.88208 (12121907)

223.28113 (10020408)	233.35321 (10020408)		
3873957.0   255.93033 (12121907)	250.05577 (12121907)	247.47900 (12121907)	
243.76855 (12121907)	238.90194 (12121907)		
3873907.0   261.74662 (12121907)	261.61383 (12121907)	262.95933 (12121907)	
263.14046 (12121907)	262.09098 (12121907)		
3873857.0   253.59871 (12121907)	259.83371 (12121907)	265.16065 (12121907)	
269.52637 (12121907)	272.72711 (12121907)		
3873807.0   235.45372 (12121907)	244.75652 (12121907)	253.55196 (12121907)	
261.54807 (12121907)	268.79609 (12121907)		
3873757.0   207.20339 (12121907)	218.45956 (12121907)	229.45374 (12121907)	
240.44297 (12121907)	250.99950 (12121907)		
3873707.0   172.61427 (12121907)	184.38261 (12121907)	196.49265 (12121907)	
209.01722 (12121907)	221.74805 (12121907)		
3873657.0   135.93338 (12121907)	147.12749 (12121907)	158.77812 (12121907)	
171.22473 (12121907)	184.56751 (12121907)		
3873607.0   101.07274 (12121907)	110.75916 (12121907)	121.08916 (12121907)	
132.42969 (12121907)	144.74237 (12121907)		
3873557.0   70.87341 (12121907)	78.55146 (12121907)	86.95065 (12121907)	
96.43385 (12121907)	106.82344 (12121907)		
3873507.0   70.66505 (12122017)	69.63646 (12122017)	68.54952 (12122017)	
67.58957 (12122017)	74.12770 (12121907)		
3873457.0   80.30414 (12122017)	79.83599 (12122017)	79.50724 (12122017)	
79.18571 (12122017)	78.74461 (12122017)		
3873407.0   87.49881 (12122017)	87.89702 (12122017)	88.28355 (12122017)	
88.67077 (12122017)	88.80710 (12122017)		
3873357.0   91.20274 (12122017)	92.39025 (12122017)	93.60931 (12122017)	
94.79595 (12122017)	95.70980 (12122017)		
3873307.0   90.87321 (12122017)	92.84264 (12122017)	94.77604 (12122017)	
96.65222 (12122017)	98.42411 (12122017)		
3873257.0   86.65428 (12122017)	88.79131 (12122017)	91.48370 (12122017)	
93.61732 (12122017)	96.31270 (12122017)		
3873207.0   78.61679 (12122017)	81.24415 (12122017)	84.01565 (12122017)	
86.50962 (12122017)	89.54406 (12122017)		
3873157.0   74.85035 (09122817)	75.29947 (09122817)	75.27393 (09122817)	
76.31080 (12122017)	79.33886 (12122017)		

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: 1001B \*\*\*  
INCLUDING SOURCE(S): 1001B ,

\*\*\* NETWORK ID: DESERTL ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD				X-COORD (METERS)
(METERS)	436100.40		436150.40	436200.40
	436250.40	436300.40		

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3874157.0	233.08222 (10020408)	227.96299 (10020408)	221.40763 (10020408)
230.95026 (10102917)	242.33817 (10102917)		
3874107.0	248.75624 (10020408)	247.66834 (10020408)	245.52173 (10020408)
243.05485 (10020408)	238.21953 (10020408)		
3874057.0	252.57854 (10020408)	256.52047 (10020408)	260.53436 (10020408)
263.85019 (10020408)	263.27837 (10020408)		
3874007.0	243.09817 (10020408)	251.80688 (10020408)	260.15528 (10020408)
267.59998 (10020408)	272.65572 (10020408)		
3873957.0	233.49097 (12121907)	233.27434 (10020408)	245.61861 (10020408)
256.75517 (10020408)	266.38373 (10020408)		
3873907.0	260.60729 (12121907)	258.02949 (12121907)	254.61985 (12121907)
249.73335 (12121907)	246.47596 (10020408)		
3873857.0	274.97466 (12121907)	277.43824 (12121907)	278.39691 (12121907)
277.79091 (12121907)	275.57322 (12121907)		
3873807.0	275.97135 (12121907)	282.73261 (12121907)	288.23594 (12121907)
292.52585 (12121907)	295.72017 (12121907)		
3873757.0	261.83372 (12121907)	272.37698 (12121907)	281.91893 (12121907)
291.08232 (12121907)	298.80107 (12121907)		
3873707.0	234.68999 (12121907)	247.58176 (12121907)	260.33457 (12121907)
272.70022 (12121907)	284.50181 (12121907)		
3873657.0	198.24754 (12121907)	212.38411 (12121907)	226.41931 (12121907)
240.86650 (12121907)	254.93779 (12121907)		
3873607.0	157.87233 (12121907)	171.45102 (12121907)	185.30840 (12121907)
199.85121 (12121907)	215.10061 (12121907)		
3873557.0	118.11927 (12121907)	130.24639 (12121907)	142.43615 (12121907)
155.52280 (12121907)	169.81596 (12121907)		
3873507.0	82.97007 (12121907)	92.66239 (12121907)	102.83677 (12121907)
113.70635 (12121907)	125.40772 (12121907)		
3873457.0	78.06685 (12122017)	77.16177 (12122017)	76.07448 (12122017)
77.68290 (12121907)	87.01235 (12121907)		
3873407.0	88.82576 (12122017)	88.69047 (12122017)	88.25706 (12122017)
87.76642 (12122017)	87.07668 (12122017)		
3873357.0	96.44037 (12122017)	96.99563 (12122017)	97.65001 (12122017)
98.05848 (12122017)	98.17375 (12122017)		
3873307.0	99.79927 (12122017)	101.07714 (12122017)	102.72399 (12122017)
104.12075 (12122017)	105.42126 (12122017)		
3873257.0	98.40256 (12122017)	100.44044 (12122017)	102.87915 (12122017)
105.02432 (12122017)	107.56780 (12122017)		
3873207.0	92.15122 (12122017)	94.71873 (12122017)	97.85127 (12122017)
101.00965 (12122017)	103.74203 (12122017)		
3873157.0	82.14889 (12122017)	85.44862 (12122017)	88.44966 (12122017)

91.85649 (12122017) 94.86019 (12122017)  
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 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*  
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1001B \*\*\*  
 INCLUDING SOURCE(S): 1001B ,

\*\*\* NETWORK ID: DESERTL ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD			X-COORD (METERS)
(METERS)	436350.40	436400.40	436450.40
	436500.40	436550.40	

3874157.0	252.55915 (10102917)	261.96274 (10102917)	271.04324 (10102917)
278.02880 (10102917)	280.71428 (10102917)		
3874107.0	234.04431 (10102917)	248.04229 (10102917)	260.86058 (10102917)
272.43892 (10102917)	281.01903 (10102917)		
3874057.0	259.80647 (10020408)	254.97240 (10020408)	248.40785 (10020408)
252.21089 (10102917)	266.25739 (10102917)		
3874007.0	274.83643 (10020408)	275.17535 (10020408)	273.58769 (10020408)
270.03740 (10020408)	264.76159 (10020408)		
3873957.0	274.45055 (10020408)	280.22500 (10020408)	284.71958 (10020408)
286.81818 (10020408)	286.89082 (10020408)		
3873907.0	259.26985 (10020408)	270.16348 (10020408)	279.52878 (10020408)
287.59790 (10020408)	293.90149 (10020408)		
3873857.0	271.93171 (12121907)	266.18190 (12121907)	259.04981 (12121907)
271.63435 (10020408)	284.05723 (10020408)		
3873807.0	296.23527 (12121907)	295.74090 (12121907)	293.16561 (12121907)
289.24786 (12121907)	283.51586 (12121907)		
3873757.0	304.75169 (12121907)	309.65432 (12121907)	312.54648 (12121907)
314.09957 (12121907)	313.70507 (12121907)		
3873707.0	295.62771 (12121907)	305.03931 (12121907)	314.14669 (12121907)
321.17345 (12121907)	327.02331 (12121907)		
3873657.0	269.18768 (12121907)	282.44610 (12121907)	295.91477 (12121907)
308.12330 (12121907)	319.71414 (12121907)		
3873607.0	230.41420 (12121907)	246.05650 (12121907)	261.38424 (12121907)
277.60967 (12121907)	293.37471 (12121907)		
3873557.0	184.60849 (12121907)	200.30386 (12121907)	216.72792 (12121907)



233.33846 (12121907) 250.78721 (12121907) 167.78150 (12121907)  
3873507.0 | 138.67646 (12121907) 152.69784 (12121907)  
183.62948 (12121907) 200.43099 (12121907)  
3873457.0 | 97.43838 (12121907) 108.61832 (12121907) 121.15131 (12121907)  
134.41841 (12121907) 148.97641 (12121907)  
3873407.0 | 86.16173 (12122017) 85.16319 (12122017) 84.02695 (12122017)  
91.60518 (12121907) 102.79556 (12121907)  
3873357.0 | 98.27732 (12122017) 98.12771 (12122017) 97.77021 (12122017)  
97.26465 (12122017) 96.60486 (12122017)  
3873307.0 | 106.37891 (12122017) 107.21195 (12122017) 107.93585 (12122017)  
108.59740 (12122017) 108.90930 (12122017)  
3873257.0 | 109.36561 (12122017) 111.35162 (12122017) 113.38844 (12122017)  
114.85409 (12122017) 116.97327 (12122017)  
3873207.0 | 106.58158 (12122017) 109.55637 (12122017) 112.07858 (12122017)  
115.21421 (12122017) 117.69767 (12122017)  
3873157.0 | 98.53988 (12122017) 101.70713 (12122017) 105.45761 (12122017)  
108.62616 (12122017) 112.09832 (12122017)

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

VALUES FOR SOURCE GROUP: 1001B \*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
\*\*\*  
INCLUDING SOURCE(S): 1001B ,

\*\*\* NETWORK ID: DESERTL ; NETWORK TYPE:  
GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3  
\*\*

Y-COORD | X-COORD (METERS)  
(METERS) | 436600.40 436650.40 436700.40  
436750.40 436800.40

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-----  
3874157.0 | 280.27224 (10102917) 288.00657 (13121208) 292.60379 (13121208)  
295.26611 (13121208) 293.48163 (13121208)  
3874107.0 | 286.95373 (10102917) 290.94336 (10102917) 292.88761 (10102917)  
297.75425 (13121208) 303.67399 (13121208)  
3874057.0 | 278.08975 (10102917) 288.27642 (10102917) 296.78025 (10102917)  
302.84039 (10102917) 305.94378 (10102917)  
3874007.0 | 257.81780 (10020408) 270.03113 (10102917) 284.04750 (10102917)  
296.27672 (10102917) 306.56525 (10102917)  
3873957.0 | 285.59709 (10020408) 282.65997 (10020408) 277.08854 (10020408)

273.65871 (10102917)	289.83149 (10102917)		
3873907.0   299.32731 (10020408)	302.14697 (10020408)	303.02582 (10020408)	
301.01641 (10020408)	296.92020 (10020408)		
3873857.0   294.62868 (10020408)	304.33108 (10020408)	311.61098 (10020408)	
317.02883 (10020408)	319.22455 (10020408)		
3873807.0   276.22498 (12121907)	287.36350 (10020408)	301.14631 (10020408)	
312.57511 (10020408)	322.42052 (10020408)		
3873757.0   312.42478 (12121907)	308.51626 (12121907)	303.96475 (12121907)	
297.08309 (12121907)	304.62481 (10020408)		
3873707.0   331.58101 (12121907)	334.12897 (12121907)	335.46315 (12121907)	
333.89749 (12121907)	331.30408 (12121907)		
3873657.0   330.20056 (12121907)	339.02686 (12121907)	346.34526 (12121907)	
351.60794 (12121907)	356.01264 (12121907)		
3873607.0   308.75741 (12121907)	321.98457 (12121907)	335.15019 (12121907)	
347.18222 (12121907)	357.84093 (12121907)		
3873557.0   268.50827 (12121907)	285.84065 (12121907)	302.41592 (12121907)	
319.82187 (12121907)	336.70612 (12121907)		
3873507.0   217.76257 (12121907)	236.24049 (12121907)	255.14647 (12121907)	
274.19164 (12121907)	293.80273 (12121907)		
3873457.0   164.35447 (12121907)	181.20952 (12121907)	199.22381 (12121907)	
218.50682 (12121907)	238.60080 (12121907)		
3873407.0   115.17270 (12121907)	129.18123 (12121907)	144.46364 (12121907)	
161.47756 (12121907)	179.34396 (12121907)		
3873357.0   95.77263 (12122017)	94.93394 (12122017)	97.06613 (12121907)	
110.23907 (12121907)	124.43781 (12121907)		
3873307.0   109.35519 (12122017)	109.65208 (12122017)	109.77944 (12122017)	
109.64249 (12122017)	108.89602 (12122017)		
3873257.0   118.15993 (12122017)	119.75385 (12122017)	121.17991 (12122017)	
122.34551 (12122017)	122.80265 (12122017)		
3873207.0   120.50863 (12122017)	123.07245 (12122017)	125.86445 (12122017)	
128.06419 (12122017)	129.91888 (12122017)		
3873157.0   115.74820 (12122017)	119.08894 (12122017)	122.92189 (12122017)	
126.06287 (12122017)	129.16116 (12122017)		

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1001B \*\*\*  
 INCLUDING SOURCE(S): 1001B ,

\*\*\* NETWORK ID: DESERTL ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD |  
(METERS) | 436850.40

X-COORD (METERS)

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-----  
3874157.0 | 289.28190 (13121208)  
3874107.0 | 306.92439 (13121208)  
3874057.0 | 307.89952 (13121208)  
3874007.0 | 314.37228 (10102917)  
3873957.0 | 304.27693 (10102917)  
3873907.0 | 289.93087 (10020408)  
3873857.0 | 319.21916 (10020408)  
3873807.0 | 329.50444 (10020408)  
3873757.0 | 318.70388 (10020408)  
3873707.0 | 325.40776 (12121907)  
3873657.0 | 357.67783 (12121907)  
3873607.0 | 367.23672 (12121907)  
3873557.0 | 351.73844 (12121907)  
3873507.0 | 313.47206 (12121907)  
3873457.0 | 259.31471 (12121907)  
3873407.0 | 197.95993 (12121907)  
3873357.0 | 139.66523 (12121907)  
3873307.0 | 107.83380 (12122017)  
3873257.0 | 123.05445 (12122017)  
3873207.0 | 131.62266 (12122017)  
3873157.0 | 132.16859 (12122017)

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: 1001B \*\*\*  
INCLUDING SOURCE(S): 1001B ,

\*\*\* NETWORK ID: BORON ; NETWORK TYPE:  
GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD |  
(METERS) | 439957.60  
440107.60

440007.60

X-COORD (METERS)  
440057.60

440157.60  
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3874057.0		388.63964	(13010917)	391.97286	(11112407)	395.54732	(11112407)
397.78971		(11112407)	400.35596	(11112407)			
3874007.0		392.31778	(13010917)	396.06534	(11112407)	401.36031	(11112407)
403.61862		(11112407)	405.60780	(11112407)			
3873957.0		399.43040	(13010917)	403.57760	(11112407)	408.83203	(11112407)
411.11471		(11112407)	413.76960	(11112407)			
3873907.0		407.72139	(13110817)	412.72143	(11112407)	417.38304	(11112407)
420.93571		(11112407)	423.66743	(11112407)			
3873857.0		425.98002	(13110817)	421.83316	(11112407)	427.07867	(11112407)
431.32505		(11112407)	434.83514	(11112407)			
3873807.0		441.18540	(13110817)	432.70627	(11112407)	437.37126	(11112407)
441.68200		(11112407)	445.28899	(11112407)			
3873757.0		457.97790	(13110817)	447.72732	(13110817)	448.97554	(11112407)
452.70542		(11112407)	456.41538	(11112407)			
3873707.0		472.71779	(13110817)	467.44950	(13110817)	460.67424	(11112407)
464.48704		(11112407)	468.29295	(11112407)			
3873657.0		488.01665	(09122317)	486.18046	(13110817)	473.20632	(11112407)
477.09253		(11112407)	480.99380	(11112407)			
3873607.0		504.19472	(09122317)	502.47000	(13110817)	495.97202	(13110817)
490.64381		(11112407)	495.41931	(11112407)			
3873557.0		522.38989	(13123017)	519.74519	(09122317)	517.00887	(13110817)
505.25971		(11112407)	510.14732	(11112407)			
3873507.0		550.39906	(13123017)	538.46447	(09122317)	537.99844	(13110817)
528.93118		(13110817)	526.91517	(11112407)			
3873457.0		575.44665	(13123017)	567.02388	(13123017)	558.66398	(09122317)
554.03259		(13110817)	545.11594	(11112407)			
3873407.0		598.74931	(13123017)	597.46481	(13123017)	582.24183	(13123017)
579.05043		(13110817)	566.53212	(13110817)			
3873357.0		633.39090	(12110107)	625.13793	(13123017)	618.68174	(13123017)
605.18651		(09122317)	598.06978	(13110817)			
3873307.0		676.12039	(09012607)	660.24097	(12110107)	651.23047	(13123017)
637.65228		(13123017)	628.60727	(09122317)			
3873257.0		717.63190	(09012607)	705.95462	(09012607)	686.42576	(12110107)
680.70170		(13123017)	660.74421	(09122317)			
3873207.0		761.90651	(09012607)	765.60591	(09012607)	746.99889	(09012607)
722.75874		(13123017)	719.52269	(13123017)			
3873157.0		800.79994	(09012607)	803.42418	(09012607)	801.45035	(09012607)
790.50950		(09012607)	769.66777	(13123017)			
3873107.0		892.45741	(11112117)	856.58116	(09012607)	861.29573	(09012607)
855.98854		(09012607)	835.98112	(12110107)			
3873057.0		987.82030	(11112117)	973.18021	(11112117)	924.11282	(11112117)
920.62056		(09012607)	922.54891	(09012607)			
3873007.0		1104.94951	(13120417)	1077.52123	(11112117)	1068.42125	(11112117)
1025.62293		(11112117)	989.73632	(09012607)			
3872957.0		1260.61155	(13120417)	1229.49481	(13120417)	1160.92399	(13120417)
1178.77878		(11112117)	1148.53308	(11112117)			
3872907.0		1414.73719	(13120417)	1414.90826	(13120417)	1401.78841	(13120417)
1355.01394		(13120417)	1301.83357	(11112117)			
3872857.0		1703.27980	(12013117)	1662.04703	(12013117)	1637.96091	(12013117)

1601.21499 (13120417) 1581.67005 (13120417)  
3872807.0 | 2043.80775 (10102917) 2014.69657 (12013117) 1995.49659 (12013117)  
1957.40585 (12013117) 1965.56731 (12013117)  
3872757.0 | 2925.79838 (12121907) 2843.65508 (12121907) 2779.92150 (12121907)  
2625.50013 (12121907) 2486.08210 (10102917)  
3872707.0 | 3313.75314 (13121007) 3194.91010 (12121907) 3188.55272 (12121907)  
3217.64544 (12121907) 3133.74723 (12121907)  
3872657.0 | 4195.78890 (13121007) 4023.40369 (13121007) 3815.71241 (13121007)  
3811.84794 (13121007) 3567.94781 (13121007)  
3872607.0 | 3757.49648 (11122207) 3796.88061 (09113007) 3757.93335 (09113007)  
3722.71695 (09113007) 3537.26283 (09113007)  
3872557.0 | 3548.99363 (09113007) 3530.83926 (09113007) 3410.66240 (09113007)  
3230.49721 (09113007) 3030.62419 (09113007)

▲ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*  
\*\*\* 09/09/20  
\*\*\* AERMET - VERSION 14134 \*\*\* \*\*  
\*\*\* 22:25:03

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: 1001B \*\*\*  
INCLUDING SOURCE(S): 1001B ,

\*\*\* NETWORK ID: BORON ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD (METERS)		X-COORD (METERS)
440357.60	440207.60	440257.60
	440407.60	440307.60

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3874057.0 | 403.67212 (11112407) 405.12667 (11112407) 401.87966 (11112407)  
390.84678 (11112407) 368.67593 (11112407)  
3874007.0 | 407.13419 (11112407) 412.86926 (11112407) 410.24197 (11112407)  
397.55082 (11112407) 377.75540 (11112407)  
3873957.0 | 416.72086 (11112407) 420.96290 (11112407) 418.24985 (11112407)  
406.78333 (11112407) 387.18744 (11112407)  
3873907.0 | 426.82757 (11112407) 429.47482 (11112407) 428.12910 (11112407)  
417.21124 (11112407) 397.02748 (11112407)  
3873857.0 | 437.50871 (11112407) 440.60614 (11112407) 437.77006 (11112407)  
428.93763 (11112407) 407.35834 (11112407)  
3873807.0 | 448.10680 (11112407) 450.09917 (11112407) 449.43693 (11112407)  
440.54684 (11112407) 420.46292 (11112407)  
3873757.0 | 459.35879 (11112407) 462.43023 (11112407) 461.72643 (11112407)

453.63953	(11112407)	432.80725	(11112407)		
3873707.0	472.10901	(11112407)	475.52330	(11112407)	474.72283 (11112407)
468.35949	(11112407)	446.72098	(11112407)		
3873657.0	484.94437	(11112407)	488.63266	(11112407)	491.06555 (11112407)
484.04879	(11112407)	464.16230	(11112407)		
3873607.0	498.70793	(11112407)	502.63745	(11112407)	505.77625 (11112407)
499.85894	(11112407)	480.21721	(11112407)		
3873557.0	513.53697	(11112407)	517.67751	(11112407)	523.38441 (11112407)
518.69210	(11112407)	498.47085	(11112407)		
3873507.0	531.30424	(11112407)	534.79439	(11112407)	538.26674 (11112407)
537.87003	(11112407)	519.29502	(11112407)		
3873457.0	548.76245	(11112407)	551.48020	(11112407)	555.37879 (11112407)
557.37926	(11112407)	539.73784	(11112407)		
3873407.0	568.73574	(11112407)	573.51165	(11112407)	575.93413 (11112407)
578.37474	(11112407)	565.60560	(11112407)		
3873357.0	589.64748	(11112407)	596.63985	(11112407)	602.75660 (11112407)
608.56980	(11112407)	595.55205	(11112407)		
3873307.0	615.70647	(11112407)	620.97144	(11112407)	632.74644 (11112407)
642.54846	(11112407)	632.35942	(11112407)		
3873257.0	652.76944	(13110817)	647.88623	(11112407)	658.84098 (11112407)
681.17800	(11112407)	668.41318	(11112407)		
3873207.0	706.25345	(09122317)	697.65855	(11112407)	705.02580 (11112407)
711.78288	(11112407)	702.11281	(11112407)		
3873157.0	765.48197	(13123017)	747.88661	(13110817)	737.94442 (11112407)
741.20651	(11112407)	734.94761	(11112407)		
3873107.0	822.52696	(13123017)	792.82461	(09122317)	770.80786 (11112407)
778.64909	(11112407)	792.86730	(11112407)		
3873057.0	882.45452	(12110107)	868.61938	(13123017)	840.89684 (13110817)
835.74777	(11112407)	835.95398	(11112407)		
3873007.0	986.70116	(09012607)	949.20843	(12110107)	906.86385 (09122317)
886.91714	(11112407)	910.00357	(11112407)		
3872957.0	1077.35522	(09012607)	1060.50817	(09012607)	1029.94029 (13123017)
978.66050	(13110817)	987.70346	(12111417)		
3872907.0	1283.91852	(11112117)	1193.54456	(11112117)	1165.64677 (09012607)
1095.93344	(12111417)	1132.78850	(12111417)		
3872857.0	1514.17736	(13120417)	1437.96282	(11112117)	1391.96260 (11112117)
1291.09881	(09012607)	1321.83827	(13010717)		
3872807.0	1851.46925	(12013117)	1809.37036	(13120417)	1743.65911 (13120417)
1634.97701	(11112117)	1656.61795	(09110217)		
3872757.0	2443.90392	(12013117)	2435.87558	(12013117)	2300.73153 (12013117)
2192.69922	(09110217)	2233.95313	(09110217)		
3872707.0	3013.01404	(12121907)	2844.77428	(12121907)	2671.03538 (12121907)
2579.67704	(13121217)	2737.01664	(13121217)		
3872657.0	3307.05885	(13121007)	3028.73565	(13121007)	2757.17542 (13121007)
2853.98991	(13121217)	3152.92079	(09111617)		
3872607.0	3151.58176	(09113007)	3128.30792	(09113007)	2891.01643 (09113007)
2977.81877	(12112617)	3147.20747	(12112617)		
3872557.0	2807.96922	(09113007)	2553.97323	(09113007)	2437.61410 (09010807)
2500.75152	(09010807)	2600.54382	(12022307)		

▲ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*\*

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\*\*\* AERMET - VERSION 14134 \*\*\*  
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: 1001B \*\*\*  
INCLUDING SOURCE(S): 1001B ,

\*\*\* NETWORK ID: BORON ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD (METERS)		X-COORD (METERS)
440607.60	440457.60	440507.60
	440657.60	440557.60

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3874057.0	341.64245 (09021007)	344.20675 (09021007)	345.17967 (09021007)
344.18256 (09021007)	341.13583 (10022507)		
3874007.0	347.67464 (09021007)	349.51438 (09021007)	352.00222 (09021007)
350.58333 (09021007)	346.49198 (10022507)		
3873957.0	356.31159 (11112407)	356.72157 (09021007)	359.14714 (09021007)
357.23259 (09021007)	353.09226 (10022507)		
3873907.0	367.17569 (11112407)	365.54620 (09021007)	366.63985 (09021007)
364.77369 (09021007)	361.34927 (09122808)		
3873857.0	379.10736 (11112407)	374.24220 (09021007)	376.45122 (09021007)
373.41713 (10022507)	369.86154 (09122808)		
3873807.0	391.48324 (11112407)	384.75594 (09021007)	386.16515 (09021007)
383.26914 (10022507)	380.03614 (09122808)		
3873757.0	404.35996 (11112407)	395.27440 (09021007)	396.45869 (09021007)
392.21097 (10022507)	388.63442 (09122808)		
3873707.0	417.84221 (11112407)	406.49162 (09021007)	407.35902 (09021007)
403.06040 (10022507)	403.10030 (11110817)		
3873657.0	432.00124 (11112407)	419.31015 (09021007)	418.14703 (09021007)
413.66581 (10022507)	420.65598 (11110817)		
3873607.0	449.59676 (11112407)	433.06577 (09021007)	431.33797 (09021007)
430.22393 (11110817)	439.21747 (11110817)		
3873557.0	464.68256 (11112407)	447.93072 (09021007)	448.19710 (09021007)
451.22568 (11110817)	458.62828 (11110817)		
3873507.0	483.78575 (11112407)	466.01106 (09021007)	464.67572 (11110817)
472.73134 (11110817)	482.59288 (11122017)		
3873457.0	505.63320 (11112407)	485.85768 (09021007)	487.80675 (11110817)
499.31206 (11122017)	507.81439 (11122017)		
3873407.0	529.63933 (11112407)	507.70613 (09021007)	514.96774 (11122017)

527.79454 (11122017) 534.10201 (11122017)  
3873357.0 | 556.25354 (11112407) 535.08795 (11122017) 548.51887 (11122017)  
555.91211 (11122017) 559.54637 (11122017)  
3873307.0 | 586.01134 (11112407) 574.01269 (11122017) 581.40266 (11122017)  
585.47695 (11122017) 593.36330 (09111717)  
3873257.0 | 619.54645 (11112407) 608.45210 (11122017) 616.14752 (11122017)  
625.14592 (09111717) 644.55249 (12011107)  
3873207.0 | 651.58495 (11112407) 640.77669 (11122017) 651.49250 (09111717)  
683.58588 (12011107) 701.45449 (12011107)  
3873157.0 | 687.88676 (11112407) 693.40201 (12011107) 726.77276 (12011107)  
737.74651 (12011107) 743.76480 (12011107)  
3873107.0 | 743.91364 (11112407) 768.14735 (12011107) 778.91533 (12011107)  
784.78554 (12011107) 800.60676 (12111417)  
3873057.0 | 815.60222 (12011107) 841.19230 (12011107) 852.84034 (12111417)  
868.71046 (12111417) 877.33782 (12111417)  
3873007.0 | 910.40231 (12011107) 931.08934 (12111417) 944.55396 (12111417)  
952.31327 (12111417) 959.56887 (13010717)  
3872957.0 | 1011.35795 (12111417) 1022.67047 (12111417) 1031.31833 (13010717)  
1056.46960 (13010717) 1072.14316 (13010717)  
3872907.0 | 1151.32603 (12111417) 1191.41474 (13010717) 1211.23269 (13010717)  
1228.12106 (13103117) 1250.36989 (13103117)  
3872857.0 | 1362.92178 (13010717) 1397.32648 (13103117) 1421.60766 (13103117)  
1457.53356 (13103117) 1474.36950 (09110217)  
3872807.0 | 1719.18350 (09110217) 1759.20948 (09110217) 1785.68089 (09110217)  
1772.10532 (09110217) 1668.55250 (09110217)  
3872757.0 | 2319.68409 (09110217) 2340.73272 (09110217) 2249.97124 (09110217)  
1970.24781 (09110217) 1840.72267 (09110217)  
3872707.0 | 2929.75991 (13121217) 3062.11366 (13121217) 2783.67900 (13121217)  
2576.96849 (13121217) 2473.23044 (13121217)  
3872657.0 | 3299.01761 (09111617) 3431.81248 (09111617) 3553.73487 (09111617)  
3664.51350 (09111617) 3759.66781 (09111617)  
3872607.0 | 3284.46258 (12112617) 3411.99526 (09012907) 3537.64454 (09012907)  
3654.20492 (09012907) 3762.87304 (09012907)  
3872557.0 | 2747.23389 (12022307) 2860.85625 (12022307) 2954.29592 (12022307)  
3036.71706 (12022307) 3075.57518 (12022307)

▲ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*  
\*\*\* 09/09/20  
\*\*\* AERMET - VERSION 14134 \*\*\* \*\*  
\*\*\* 22:25:03

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\*\*\* MODELOPTs: RegDFault CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: 1001B \*\*\*  
INCLUDING SOURCE(S): 1001B ,

\*\*\* NETWORK ID: BORON ; NETWORK TYPE:

GRIDCART \*\*\*



\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD				X-COORD (METERS)
(METERS)	440707.60		440757.60	440807.60
	440857.60	440907.60		

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3874057.0	339.58553 (09122808)	338.87775 (09122808)	332.57811 (09122808)
340.98493 (11110817)	350.58468 (11110817)		
3874007.0	346.11202 (09122808)	343.37883 (09122808)	339.29722 (11110817)
353.26256 (11110817)	361.34227 (11110817)		
3873957.0	352.78487 (09122808)	348.84414 (09122808)	355.13755 (11110817)
365.36104 (11110817)	369.62622 (11110817)		
3873907.0	360.17360 (09122808)	357.59073 (11110817)	369.50091 (11110817)
376.38768 (11110817)	380.82588 (11110817)		
3873857.0	368.33749 (09122808)	373.65692 (11110817)	383.03133 (11110817)
388.02934 (11110817)	392.35117 (11122017)		
3873807.0	377.62916 (11110817)	388.28165 (11110817)	394.51161 (11110817)
397.70055 (11110817)	406.25289 (11122017)		
3873757.0	395.20459 (11110817)	402.41461 (11110817)	406.46694 (11110817)
414.43716 (11122017)	419.37828 (11122017)		
3873707.0	410.37999 (11110817)	414.68089 (11110817)	422.77590 (11122017)
430.42296 (11122017)	436.19141 (11122017)		
3873657.0	426.21953 (11110817)	431.29101 (11122017)	438.85372 (11122017)
445.84447 (11122017)	450.85026 (11122017)		
3873607.0	443.20760 (11122017)	452.44761 (11122017)	458.03544 (11122017)
463.67179 (11122017)	467.32053 (09111717)		
3873557.0	467.89256 (11122017)	473.64078 (11122017)	479.48856 (11122017)
482.06400 (11122017)	491.42844 (09111717)		
3873507.0	491.49897 (11122017)	495.31518 (11122017)	500.20217 (11122017)
508.32850 (09111717)	519.53209 (12011107)		
3873457.0	514.36929 (11122017)	518.17854 (11122017)	525.68954 (09111717)
537.60270 (12011107)	550.58532 (12011107)		
3873407.0	537.45132 (11122017)	546.75671 (09111717)	560.52916 (12011107)
573.83145 (12011107)	581.93466 (12011107)		
3873357.0	568.86920 (09111717)	585.91722 (12011107)	598.31186 (12011107)
605.57098 (12011107)	609.06627 (12011107)		
3873307.0	612.92464 (12011107)	625.49944 (12011107)	634.24776 (12011107)
638.65336 (12011107)	645.21078 (12111417)		
3873257.0	655.74609 (12011107)	666.30001 (12011107)	671.45900 (12011107)
682.07125 (12111417)	692.35962 (12111417)		
3873207.0	707.51129 (12011107)	711.63304 (12011107)	723.19688 (12111417)
730.00421 (12111417)	730.05795 (12111417)		
3873157.0	752.85410 (12111417)	764.32397 (12111417)	770.63211 (12111417)
770.65475 (12111417)	766.58423 (13010717)		
3873107.0	810.51515 (12111417)	816.45744 (12111417)	816.80432 (12111417)
840.36741 (13010717)	842.26802 (13010717)		
3873057.0	883.17960 (12111417)	889.86190 (13010717)	909.78139 (13010717)

906.07002 (13010717) 910.01006 (13103117)  
 3873007.0 | 979.06473 (13010717) 986.80418 (13010717) 991.71246 (13103117)  
 1002.12667 (13103117) 996.63490 (13103117)  
 3872957.0 | 1106.32774 (13103117) 1121.29901 (13103117) 1116.24535 (13103117)  
 1084.09608 (13103117) 1061.04486 (09110217)  
 3872907.0 | 1255.61945 (13103117) 1235.29550 (09110217) 1219.07717 (09110217)  
 1177.68375 (09110217) 1138.79777 (09110217)  
 3872857.0 | 1441.02584 (09110217) 1375.87223 (09110217) 1309.03015 (09110217)  
 1253.98025 (09110217) 1198.19959 (09110217)  
 3872807.0 | 1550.72695 (09110217) 1468.83063 (09110217) 1421.90486 (09110217)  
 1363.26841 (09110217) 1211.25154 (09110217)  
 3872757.0 | 1776.17455 (09110217) 1739.26780 (09110217) 1601.61070 (09110217)  
 1304.63082 (09110217) 1147.15975 (13121217)  
 3872707.0 | 2417.74688 (13121217) 2380.58121 (13121217) 2258.54761 (13121217)  
 2115.10398 (13121217) 1976.47118 (13121217)  
 3872657.0 | 3830.82548 (09111617) 3387.03848 (09111617) 2936.76248 (09111617)  
 2588.24565 (09111617) 2310.76963 (09111617)  
 3872607.0 | 3846.49122 (09012907) 3401.51120 (09012907) 2969.13818 (09012907)  
 2633.71014 (09012907) 2360.25043 (09012907)  
 3872557.0 | 3129.01585 (12022307) 2867.39065 (12022307) 2568.70175 (12112617)  
 2363.68885 (12112617) 2176.63665 (12112617)

\*\*\* AERMOD - VERSION 19191 \*\*\* \*\*

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\*\*\* AERMET - VERSION 14134 \*\*\* \*\*

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

VALUES FOR SOURCE GROUP: 1001B \*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION \*\*\*

INCLUDING SOURCE(S): 1001B ,

\*\*\* NETWORK ID: BORON ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD			X-COORD (METERS)
(METERS)	440957.60	441007.60	441057.60
	441107.60	441157.60	

3874057.0 | 356.43903 (11110817) 358.12482 (11110817) 361.87972 (11122017)  
 369.63771 (11122017) 372.67081 (11122017)  
 3874007.0 | 362.79158 (11110817) 365.26542 (11122017) 372.74289 (11122017)  
 377.42098 (11122017) 378.11624 (11122017)  
 3873957.0 | 371.19290 (11110817) 377.90981 (11122017) 382.53771 (11122017)

384.94777	(11122017)	386.20236	(12122708)		
3873907.0	385.15175	(11122017)	390.12524	(11122017)	392.41731 (11122017)
391.84578	(11122017)	397.77932	(12122708)		
3873857.0	399.41282	(11122017)	402.50769	(11122017)	403.08588 (11122017)
405.55669	(12122708)	410.77452	(09111717)		
3873807.0	411.96393	(11122017)	414.20185	(11122017)	415.23617 (12122708)
420.77921	(09111717)	425.64791	(09111717)		
3873757.0	423.81626	(11122017)	425.18100	(12122708)	431.20457 (09111717)
435.91777	(09111717)	443.02702	(12011107)		
3873707.0	438.01945	(11122017)	442.15709	(09111717)	449.25831 (09111717)
456.75681	(12011107)	466.01798	(12011107)		
3873657.0	453.58035	(09111717)	461.77807	(09111717)	469.29937 (12011107)
481.22415	(12011107)	485.59162	(12011107)		
3873607.0	475.76451	(09111717)	484.99178	(12011107)	497.46093 (12011107)
501.64438	(12011107)	501.67987	(12011107)		
3873557.0	502.84662	(12011107)	514.98407	(12011107)	522.22497 (12011107)
521.38433	(12011107)	514.03164	(12011107)		
3873507.0	532.16039	(12011107)	541.87538	(12011107)	542.67706 (12011107)
535.89080	(12011107)	544.82633	(12111417)		
3873457.0	559.07972	(12011107)	562.77042	(12011107)	558.82191 (12011107)
568.31519	(12111417)	573.35950	(12111417)		
3873407.0	584.48524	(12011107)	584.40744	(12111417)	596.57848 (12111417)
599.86631	(12111417)	593.95894	(12111417)		
3873357.0	611.90280	(12111417)	624.41358	(12111417)	628.06509 (12111417)
624.05062	(12111417)	608.18633	(12111417)		
3873307.0	654.80912	(12111417)	659.25909	(12111417)	651.92925 (12111417)
639.60722	(13010717)	650.13259	(13010717)		
3873257.0	693.95888	(12111417)	684.18202	(12111417)	682.11580 (13010717)
688.56906	(13010717)	684.68477	(13010717)		
3873207.0	719.02129	(12111417)	724.92436	(13010717)	734.48803 (13010717)
725.75241	(13010717)	725.29042	(13103117)		
3873157.0	780.98005	(13010717)	782.10235	(13010717)	774.68394 (13103117)
780.66418	(13103117)	774.83691	(13103117)		
3873107.0	831.52596	(13010717)	840.88034	(13103117)	837.02559 (13103117)
821.51572	(13103117)	797.50302	(13103117)		
3873057.0	909.76464	(13103117)	904.19734	(13103117)	878.10700 (13103117)
853.81377	(09110217)	835.30730	(09110217)		
3873007.0	972.86384	(13103117)	947.94486	(09110217)	926.59282 (09110217)
893.31378	(09110217)	845.03213	(09110217)		
3872957.0	1034.87837	(09110217)	1005.77656	(09110217)	958.15712 (09110217)
890.64740	(09110217)	801.95678	(09110217)		
3872907.0	1090.13732	(09110217)	1024.34083	(09110217)	930.11361 (09110217)
813.03082	(09110217)	675.26834	(09110217)		
3872857.0	1106.13947	(09110217)	973.73578	(09110217)	803.88659 (09110217)
628.33103	(09110217)	531.77501	(09030307)		
3872807.0	992.94807	(09110217)	757.33455	(09110217)	712.33125 (09011407)
715.47953	(09011407)	712.15066	(09011407)		
3872757.0	1149.74365	(13121217)	1143.28400	(13121217)	1129.57869 (13121217)
1110.21222	(13121217)	1086.56163	(13121217)		
3872707.0	1847.25006	(13121217)	1727.38499	(13121217)	1616.83679 (13121217)

1513.22239 (13121217) 1418.44971 (13121217)  
3872657.0 | 2080.35257 (09111617) 1888.93716 (09111617) 1725.91701 (09111617)  
1585.23888 (09111617) 1459.98468 (09111617)  
3872607.0 | 2130.05557 (09012907) 1933.12780 (09012907) 1764.78877 (09012907)  
1618.81321 (09012907) 1492.11083 (09012907)  
3872557.0 | 1999.28374 (12112617) 1830.98813 (12112617) 1672.37614 (12112617)  
1523.61538 (12112617) 1385.45985 (12112617)

\*\*\* AERMOD - VERSION 19191 \*\*\* \*\*  
\*\*\* \*\* 09/09/20

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\*\*\* \*\* 22:25:03

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: 1001B \*\*\*  
INCLUDING SOURCE(S): 1001B ,

\*\*\* NETWORK ID: BORON ; NETWORK TYPE:  
GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

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Y-COORD (METERS)			X-COORD (METERS)
441357.60	441207.60	441257.60	441307.60
	441407.60		

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3874057.0 | 371.06149 (11122017) 374.59630 (12122708) 375.40773 (09111717)  
378.86017 (09111717) 377.82451 (09111717)  
3874007.0 | 380.48615 (12122708) 382.54994 (12122708) 386.78409 (09111717)  
386.73278 (09111717) 394.10467 (12011107)  
3873957.0 | 389.96214 (12122708) 394.70660 (09111717) 395.25151 (09111717)  
402.39417 (12011107) 410.02042 (12011107)  
3873907.0 | 402.69639 (09111717) 405.27998 (09111717) 410.97356 (12011107)  
419.63901 (12011107) 421.42583 (12011107)  
3873857.0 | 414.49886 (09111717) 421.48208 (12011107) 430.78096 (12011107)  
432.50993 (12011107) 429.22176 (12011107)  
3873807.0 | 431.95147 (12011107) 440.72468 (12011107) 444.63663 (12011107)  
441.19564 (12011107) 433.42611 (12011107)  
3873757.0 | 453.03342 (12011107) 456.26696 (12011107) 454.47293 (12011107)  
447.04778 (12011107) 447.34480 (12111417)  
3873707.0 | 470.50132 (12011107) 468.58588 (12011107) 462.17334 (12011107)  
463.90132 (12111417) 471.86442 (12111417)  
3873657.0 | 484.92175 (12011107) 477.55474 (12011107) 482.54374 (12111417)  
489.62225 (12111417) 490.03005 (12111417)  
3873607.0 | 494.69467 (12011107) 501.76939 (12111417) 508.55060 (12111417)

508.65687	(12111417)	501.33745	(12111417)		
3873557.0	522.93496	(12111417)	528.77292	(12111417)	528.55805 (12111417)
519.31696	(12111417)	505.81623	(12111417)		
3873507.0	550.62719	(12111417)	548.65276	(12111417)	538.77331 (12111417)
523.99777	(12111417)	522.53269	(13010717)		
3873457.0	571.15705	(12111417)	560.72791	(12111417)	543.61140 (12111417)
553.87547	(13010717)	555.04721	(13010717)		
3873407.0	582.84719	(12111417)	576.10398	(13010717)	584.78682 (13010717)
584.60779	(13010717)	574.47208	(13010717)		
3873357.0	612.00486	(13010717)	617.13232	(13010717)	613.40028 (13010717)
601.49446	(13010717)	603.85713	(13103117)		
3873307.0	651.42053	(13010717)	641.94896	(13010717)	636.68109 (13103117)
646.44501	(13103117)	645.30064	(13103117)		
3873257.0	671.97862	(13010717)	682.98175	(13103117)	685.45721 (13103117)
678.16209	(13103117)	659.98517	(13103117)		
3873207.0	728.01969	(13103117)	727.05755	(13103117)	712.50632 (13103117)
688.70035	(13103117)	658.59528	(09110217)		
3873157.0	759.11827	(13103117)	744.64193	(13103117)	713.99902 (09110217)
694.91022	(09110217)	663.61628	(09110217)		
3873107.0	779.45183	(09110217)	758.78637	(09110217)	725.51708 (09110217)
683.99581	(09110217)	627.64970	(09110217)		
3873057.0	801.68612	(09110217)	757.64376	(09110217)	698.01700 (09110217)
624.99255	(09110217)	546.65280	(09110217)		
3873007.0	784.27072	(09110217)	703.24863	(09110217)	611.45603 (09110217)
517.44919	(09110217)	424.44684	(09110217)		
3872957.0	696.27404	(09110217)	583.54144	(09110217)	473.60807 (09110217)
430.85491	(09030307)	392.08420	(09030307)		
3872907.0	538.79219	(09110217)	476.13216	(09030307)	424.63267 (09030307)
374.17200	(09030307)	359.40036	(09011407)		
3872857.0	489.83172	(09011407)	501.52853	(09011407)	509.95543 (09011407)
513.94956	(09011407)	514.36349	(09011407)		
3872807.0	703.14905	(09011407)	689.27953	(09011407)	671.37946 (09011407)
672.66131	(13121217)	671.96340	(13121217)		
3872757.0	1059.22921	(13121217)	1029.85221	(13121217)	998.77095 (13121217)
966.33541	(13121217)	933.12427	(13121217)		
3872707.0	1330.63594	(13121217)	1249.21021	(13121217)	1173.70364 (13121217)
1103.73249	(13121217)	1039.02402	(13121217)		
3872657.0	1352.94088	(09111617)	1258.21037	(09111617)	1174.15976 (09111617)
1099.16785	(09111617)	1031.44313	(09111617)		
3872607.0	1380.56305	(09012907)	1281.88034	(09012907)	1192.30077 (09012907)
1113.95249	(09012907)	1042.60947	(09012907)		
3872557.0	1256.82169	(12112617)	1179.25981	(09012907)	1121.76602 (09012907)
1066.94748	(09012907)	1015.18658	(09012907)		

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^ *** AERMOD - VERSION 19191 *** ***
      ***                09/09/20
*** AERMET - VERSION 14134 *** ***
      ***                22:25:03

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VALUES FOR SOURCE GROUP: 1001B \*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 INCLUDING SOURCE(S): 1001B ,

GRIDCART \*\*\* \*\* NETWORK ID: BORON ; NETWORK TYPE:

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

Y-COORD | X-COORD (METERS)  
 (METERS) | 441457.60

3874057.0	386.86544	(12011107)
3874007.0	400.29964	(12011107)
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3873857.0	421.11173	(12011107)
3873807.0	431.69675	(12111417)
3873757.0	456.20630	(12111417)
3873707.0	474.43555	(12111417)
3873657.0	483.24997	(12111417)
3873607.0	487.12468	(12111417)
3873557.0	494.45452	(13010717)
3873507.0	528.73427	(13010717)
3873457.0	548.62051	(13010717)
3873407.0	560.60327	(13103117)
3873357.0	607.94433	(13103117)
3873307.0	633.63836	(13103117)
3873257.0	633.09020	(13103117)
3873207.0	637.82313	(09110217)
3873157.0	621.00751	(09110217)
3873107.0	563.86999	(09110217)
3873057.0	464.65303	(09110217)
3873007.0	393.17678	(09030307)
3872957.0	351.82028	(09030307)
3872907.0	370.72300	(09011407)
3872857.0	511.46738	(09011407)
3872807.0	669.01830	(13121217)
3872757.0	900.00979	(13121217)
3872707.0	979.26457	(13121217)
3872657.0	969.25656	(09111617)
3872607.0	977.65687	(09012907)
3872557.0	966.13732	(09012907)

▲ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*  
 \*\*\* 09/09/20

\*\*\* AERMET - VERSION 14134 \*\*\* \*\*

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: 1001B \*\*\*

INCLUDING SOURCE(S): 1001B ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)
Y-COORD (M)	CONC	(YYMMDDHH)		
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3873356.00	98.35008	(12122017)		
435903.00	3873538.00	68.21570	(12121907)	435899.00
3873948.00	253.05516	(12121907)		
442261.30	3871403.00	287.62922	(10031507)	442263.60
3871503.00	322.11403	(13111317)		
442265.80	3871603.00	343.18391	(13021307)	442268.00
3871703.00	384.40309	(09010807)		
442270.30	3871803.00	409.32269	(11121207)	442272.50
3871903.00	370.12220	(11121207)		
442274.70	3872003.00	337.37334	(12022307)	442276.90
3872103.00	553.35912	(12022307)		
442279.20	3872203.00	511.53768	(10012908)	442281.40
3872303.00	518.33702	(12112617)		
442283.60	3872403.00	599.57248	(12112617)	442284.20
3872428.00	539.37761	(12112617)		
442184.30	3872431.00	598.51742	(12112617)	442084.30
3872435.00	659.43548	(12112617)		
441984.40	3872438.00	725.46666	(12112617)	441884.40
3872441.00	788.18366	(12112617)		
441784.50	3872445.00	854.19657	(12112617)	441684.50
3872448.00	907.92645	(12112617)		
441584.60	3872451.00	971.71839	(12112617)	441487.60
3872455.00	1012.68917	(12112617)		
441485.00	3872355.00	946.78106	(12022307)	441482.40
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441482.30	3872248.00	637.08803	(12022307)	441382.30
3872252.00	744.27025	(11121207)		
441283.60	3872255.00	830.48284	(09010807)	441281.30
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441279.00	3872055.00	634.58517	(13111317)	441276.70

3871955.00	552.68178	(09120207)			
441274.30	3871855.00	471.73861	(12110707)		441274.10
3871844.00	466.40998	(12110707)			
441174.10	3871847.00	458.65997	(13020507)		441074.20
3871850.00	428.81333	(13022207)			
440974.20	3871853.00	423.77064	(13022207)		440874.30
3871856.00	412.51885	(13022207)			
440774.30	3871859.00	403.59247	(10021507)		440676.30
3871862.00	404.41773	(13120607)			
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3871662.00	310.09127	(12112107)			
440669.30	3871562.00	291.75971	(12112107)		440667.00
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3871447.00	246.52824	(09103017)			
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3871441.00	258.89819	(13120607)			
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3871435.00	268.38951	(10021507)			
441266.50	3871432.00	281.05784	(10021507)		441366.40
3871429.00	304.62795	(13022207)			
441466.40	3871426.00	311.47122	(13022207)		441566.40
3871423.00	312.34078	(13022207)			
441666.30	3871420.00	304.93468	(13020507)		441766.30
3871417.00	313.96862	(13020507)			
441866.20	3871415.00	313.52768	(12110707)		441966.20
3871412.00	290.79663	(10110207)			
442066.10	3871409.00	296.11738	(09120207)		442166.10
3871406.00	288.20856	(10031507)			
440693.20	3872567.00	3457.71041	(12022307)		440695.70
3872667.00	3802.73241	(13121217)			
440696.30	3872690.00	3330.66641	(13121217)		440596.30
3872692.00	3302.97756	(13121217)			
440496.30	3872695.00	3294.51877	(13121217)		440495.40
3872695.00	3292.11315	(13121217)			
440496.80	3872723.00	2746.73255	(09110217)		440396.80
3872722.00	2677.53388	(09110217)			
440296.80	3872722.00	2662.94674	(12121907)		440196.80
3872721.00	3136.14724	(12121907)			
440096.80	3872720.00	3354.39468	(12121907)		439996.80
3872720.00	3339.06184	(12121907)			
439896.80	3872719.00	3386.05689	(12121907)		439887.70
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439885.90	3872619.00	4074.92043	(13121007)		439885.10
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439985.10	3872573.00	4044.80577	(09113007)		440085.10
3872572.00	3964.74879	(09113007)			
440185.10	3872571.00	3535.46431	(09113007)		440285.10
3872570.00	3002.01199	(09113007)			

▲ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*\*



\*\*\* 09/09/20  
 \*\*\* AERMET - VERSION 14134 \*\*\*  
 \*\*\* 22:25:03

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1001B \*\*\*  
 INCLUDING SOURCE(S): 1001B ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)
Y-COORD (M)	CONC	(YYMMDDHH)		
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3872567.00	3450.83876	(12022307)		
440685.70	3872275.00	840.88960	(09120207)	440688.30
3872375.00	1105.36234	(13111317)		
440690.80	3872475.00	1610.12509	(09010807)	440692.00
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440392.00	3872525.00	1949.49967	(09010807)	440292.00
3872526.00	1889.41571	(10102007)		
440192.10	3872528.00	2167.58383	(10102007)	440092.10
3872529.00	2355.88635	(10102007)		
439992.10	3872531.00	2390.79401	(09112517)	439892.10
3872532.00	2705.16296	(09113007)		
439884.50	3872532.00	2726.64650	(09113007)	439883.00
3872432.00	1560.80073	(10102007)		
439881.50	3872332.00	1021.29598	(09010207)	439880.80
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439980.80	3872278.00	929.27934	(09010207)	440080.80
3872277.00	935.29134	(09010207)		
440180.80	3872277.00	918.96632	(09010207)	440280.80
3872277.00	837.78933	(09010207)		
440380.80	3872276.00	781.74233	(10021507)	440480.80
3872276.00	808.18791	(13022207)		
440580.80	3872275.00	806.72727	(13020507)	440680.80
3872275.00	839.34497	(09120207)		
437456.80	3871498.00	260.09517	(12011217)	437556.80

3871496.00	293.40461	(12011217)			
	437656.80	3871495.00	312.47661	(12011217)	437756.80
3871494.00	315.90788	(12011217)			
	437856.80	3871492.00	339.31289	(09011517)	437956.80
3871491.00	364.57100	(09011517)			
	438056.80	3871490.00	363.99112	(09011517)	438156.80
3871488.00	377.95374	(12112717)			
	438256.80	3871487.00	390.27861	(12112717)	438356.80
3871486.00	375.14805	(12112717)			
	438456.70	3871484.00	338.53237	(12112717)	438556.70
3871483.00	354.10815	(11111017)			
	438656.70	3871482.00	366.54992	(09013007)	438756.70
3871480.00	375.47582	(09013007)			
	438856.70	3871479.00	358.44645	(09013007)	438956.70
3871478.00	318.50905	(09013007)			
	439056.70	3871476.00	315.96012	(09010507)	439156.70
3871475.00	317.64861	(09010507)			
	439256.70	3871474.00	307.73195	(09010507)	439356.70
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	439456.60	3871471.00	319.38581	(09010207)	439556.60
3871470.00	322.84943	(09010207)			
	439656.60	3871468.00	331.07577	(09010207)	439756.60
3871467.00	338.64511	(09010207)			
	439856.60	3871466.00	312.31713	(09010207)	439877.70
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	439879.30	3871565.00	347.03380	(09010207)	439880.80
3871665.00	381.16749	(09010207)			
	439882.40	3871765.00	420.01022	(09010207)	439884.00
3871865.00	484.92587	(09010207)			
	439885.60	3871965.00	590.76199	(09010207)	439887.10
3872065.00	650.80321	(09010207)			
	439888.70	3872165.00	773.66769	(09010207)	439890.30
3872265.00	900.44222	(09010207)			
	439891.90	3872365.00	1099.16853	(09010207)	439893.40
3872465.00	1824.08404	(10102007)			
	439895.00	3872565.00	3833.01185	(09113007)	439896.60
3872665.00	4234.97165	(13121007)			
	439898.20	3872765.00	2800.57310	(12121907)	439899.80
3872865.00	1674.75174	(12013117)			
	439901.30	3872965.00	1254.13696	(13120417)	439902.90
3873065.00	979.81739	(11112117)			
	439903.70	3873112.00	906.88468	(11112117)	439803.70
3873113.00	907.02178	(11112117)			
	439703.70	3873114.00	963.17091	(13120417)	439603.70
3873115.00	966.04489	(13120417)			
	439503.70	3873116.00	949.81159	(13120417)	439403.70
3873117.00	938.28866	(12013117)			
	439303.70	3873118.00	919.81150	(12013117)	439203.70
3873120.00	919.63554	(13121208)			
	439103.70	3873121.00	912.04090	(13121208)	439003.70

3873122.00 871.32351 (10102917)  
▲ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*  
\*\*\* 09/09/20  
\*\*\* AERMET - VERSION 14134 \*\*\* \*\*  
\*\*\* 22:25:03

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: 1001B \*\*\*  
INCLUDING SOURCE(S): 1001B ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)
Y-COORD (M)	CONC	(YYMMDDHH)		
438903.70	3873123.00	853.11708	(10020408)	438803.70
3873124.00	827.15347	(10020408)		
438703.70	3873125.00	830.16848	(12121907)	438603.70
3873126.00	840.37448	(12121907)		
438503.80	3873127.00	805.58378	(12121907)	438403.80
3873128.00	739.49756	(12121907)		
438303.80	3873129.00	649.86912	(12121907)	438203.80
3873130.00	554.36482	(12121907)		
438103.80	3873131.00	459.24173	(12121907)	438003.80
3873132.00	370.93521	(12121907)		
437903.80	3873133.00	293.18944	(12121907)	437803.80
3873134.00	227.52908	(12121907)		
437703.80	3873135.00	173.84216	(12121907)	437603.80
3873137.00	167.20832	(12122017)		
437503.80	3873138.00	166.35053	(12122017)	437449.40
3873138.00	165.37350	(12122017)		
437449.80	3873038.00	168.69650	(12122017)	437450.30
3872938.00	231.37200	(13121007)		
437450.80	3872838.00	453.79778	(13121007)	437451.20
3872738.00	571.72796	(13121007)		
437451.70	3872638.00	453.15399	(13121007)	437452.10
3872538.00	333.53214	(10010817)		
437452.60	3872438.00	394.07364	(11122207)	437453.00
3872338.00	381.70088	(11122207)		
437453.50	3872238.00	550.37602	(09113007)	437453.90
3872138.00	514.74005	(09113007)		
437454.40	3872038.00	347.22072	(09112517)	437454.80

3871938.00	310.34140	(09112517)			
	437455.30	3871838.00	236.50783	(09112517)	437455.70
3871738.00	155.20587	(09112517)			
	437456.20	3871638.00	160.98736	(10102007)	437456.60
3871538.00	234.68298	(12011217)			
	435800.90	3871509.00	144.11492	(09112517)	435900.90
3871509.00	142.84498	(09112517)			
	436000.90	3871509.00	140.72784	(09112517)	436100.90
3871509.00	136.47256	(09112517)			
	436200.90	3871509.00	132.61049	(09112517)	436300.90
3871509.00	127.84394	(09112517)			
	436400.90	3871509.00	122.21717	(09112517)	436500.90
3871509.00	115.76651	(09112517)			
	436600.90	3871509.00	108.57308	(09112517)	436700.90
3871509.00	100.62169	(09112517)			
	436800.90	3871509.00	92.13006	(09112517)	436900.90
3871509.00	103.69589	(10102007)			
	437000.90	3871509.00	116.88285	(10102007)	437100.90
3871509.00	131.14581	(10102007)			
	437200.90	3871510.00	151.04907	(12011217)	437300.90
3871510.00	190.43292	(12011217)			
	437400.90	3871510.00	231.91265	(12011217)	437448.90
3871510.00	250.47500	(12011217)			
	437448.90	3871610.00	170.98738	(12011217)	437448.90
3871710.00	140.26370	(10102007)			
	437448.90	3871810.00	213.49638	(09112517)	437448.90
3871910.00	292.03288	(09112517)			
	437448.90	3872010.00	341.69734	(09112517)	437448.90
3872110.00	470.77571	(09113007)			
	437448.90	3872210.00	561.90843	(09113007)	437448.90
3872310.00	438.14583	(09113007)			
	437448.90	3872410.00	399.13898	(11122207)	437448.90
3872510.00	344.01658	(11122207)			
	437448.90	3872610.00	390.41322	(13121007)	437449.00
3872710.00	559.00714	(13121007)			
	437449.00	3872810.00	504.75943	(13121007)	437449.00
3872910.00	293.03652	(13121007)			
	437449.00	3873010.00	160.14064	(12122017)	437449.00
3873110.00	171.68688	(12122017)			
	437449.00	3873210.00	175.53807	(12121907)	437449.00
3873211.00	177.13878	(12121907)			
	437349.00	3873212.00	136.61853	(12121907)	437249.00
3873213.00	136.81090	(12122017)			
	437149.00	3873215.00	136.15634	(12122017)	437049.00
3873216.00	134.43309	(12122017)			
	436949.00	3873217.00	132.65822	(12122017)	436849.00
3873218.00	130.34055	(12122017)			
	436749.10	3873220.00	127.24428	(12122017)	436649.10
3873221.00	122.88829	(12122017)			
	436549.10	3873222.00	118.13850	(12122017)	436449.10

3873224.00 113.16747 (12122017)  
 436349.10 3873225.00 108.01455 (12122017) 436249.10  
 3873226.00 102.95388 (12122017)  
 ^ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*\*  
 \*\*\* 09/09/20  
 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*  
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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1001B \*\*\*  
 INCLUDING SOURCE(S): 1001B ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)
Y-COORD (M)	CONC	(YYMMDDHH)		
436149.10	3873228.00	97.61765	(12122017)	436049.10
3873229.00	92.81657	(12122017)		
435949.10	3873230.00	87.83223	(12122017)	435849.10
3873232.00	82.95579	(12122017)		
435835.80	3873232.00	82.34108	(12122017)	435833.70
3873132.00	79.13580	(09122817)		
435831.70	3873032.00	144.13651	(13121007)	435829.70
3872932.00	229.09367	(13121007)		
435827.70	3872832.00	285.09713	(13121007)	435825.60
3872732.00	274.44008	(13121007)		
435823.60	3872632.00	206.47357	(13121007)	435821.60
3872532.00	165.23913	(10010817)		
435819.60	3872432.00	163.13314	(11122207)	435817.50
3872332.00	192.20198	(11122207)		
435815.50	3872232.00	198.30100	(11122207)	435813.50
3872132.00	185.87728	(09113007)		
435811.50	3872032.00	258.77868	(09113007)	435809.40
3871932.00	283.95918	(09113007)		
435807.40	3871832.00	246.49989	(09113007)	435805.40
3871732.00	172.35136	(09113007)		
435803.40	3871632.00	166.87939	(09112517)	435801.40
3871532.00	149.63730	(09112517)		
435809.00	3873839.00	242.37208	(12121907)	435714.00
3873870.00	237.88960	(12121907)		
435619.00	3873902.00	233.25881	(12121907)	435524.10

3873933.00	225.16106	(12121907)			
435484.00	3873946.00	222.80472	(12121907)		435384.10
3873949.00	210.20155	(12121907)			
435284.10	3873952.00	195.94710	(12121907)		435184.20
3873956.00	180.23264	(12121907)			
435084.20	3873959.00	164.40017	(12121907)		434984.30
3873962.00	149.31127	(12121907)			
434884.30	3873965.00	134.72103	(12121907)		434784.30
3873968.00	120.60204	(12121907)			
434684.40	3873971.00	107.13563	(12121907)		434626.00
3873973.00	99.96268	(12121907)			
434568.80	3873891.00	59.54179	(12121907)		434511.60
3873809.00	41.42851	(12122017)			
434511.00	3873808.00	41.56806	(12122017)		434416.00
3873777.00	46.75401	(12122017)			
434404.00	3873773.00	47.37891	(12122017)		434346.10
3873855.00	38.17524	(12122017)			
434288.20	3873936.00	48.81958	(12121907)		434279.00
3873949.00	51.99528	(12121907)			
434180.20	3873964.00	48.24058	(12121907)		434081.30
3873980.00	44.88544	(12121907)			
434026.00	3873988.00	42.88895	(12121907)		433926.00
3873987.00	35.86320	(12121907)			
433826.00	3873985.00	30.72382	(12122017)		433726.00
3873984.00	32.22815	(12122017)			
433626.00	3873982.00	33.71466	(12122017)		433526.10
3873981.00	34.96937	(12122017)			
433426.10	3873980.00	36.14204	(12122017)		433326.10
3873978.00	37.21839	(12122017)			
433226.10	3873977.00	38.08389	(12122017)		433126.10
3873975.00	38.82264	(12122017)			
433026.10	3873974.00	39.41286	(12122017)		432967.00
3873973.00	39.70584	(12122017)			
432867.60	3873963.00	40.53951	(12122017)		432770.00
3873952.00	41.25807	(12122017)			
432681.60	3873905.00	43.16552	(12122017)		432679.00
3873904.00	43.19302	(12122017)			
432681.20	3873804.00	43.39371	(12122017)		432683.40
3873704.00	40.09069	(12122017)			
432685.70	3873604.00	34.02896	(12122017)		432687.90
3873504.00	34.58506	(09122817)			
432690.10	3873404.00	39.81893	(09122817)		432691.00
3873364.00	41.00610	(09122817)			
432791.00	3873364.00	41.45275	(09122817)		432891.00
3873364.00	41.87520	(09122817)			
432991.00	3873364.00	42.27344	(09122817)		433091.00
3873364.00	42.63153	(09122817)			
433191.00	3873364.00	42.95109	(09122817)		433291.00
3873364.00	43.23846	(09122817)			
433391.00	3873364.00	43.50243	(09122817)		433491.00

3873364.00 43.86720 (09122817)  
 433591.00 3873364.00 44.10656 (09122817) 433691.00  
 3873364.00 44.27346 (09122817)  
 433791.00 3873364.00 44.43922 (09122817) 433891.00  
 3873365.00 44.42727 (09122817)

▲ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*  
 \*\*\* 09/09/20  
 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*  
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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1001B \*\*\*  
 INCLUDING SOURCE(S): 1001B ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)
Y-COORD (M)	CONC	(YYMMDDHH)		
433991.00	3873365.00	44.37598	(09122817)	434091.00
3873365.00	44.28079	(09122817)		
434191.00	3873365.00	44.24584	(09122817)	434291.00
3873365.00	44.30235	(12122017)		
434391.00	3873365.00	47.07997	(12122017)	434491.00
3873365.00	49.80084	(12122017)		
434591.00	3873365.00	52.65290	(12122017)	434691.00
3873365.00	55.59209	(12122017)		
434791.00	3873365.00	58.76189	(12122017)	434891.00
3873365.00	62.02717	(12122017)		
434991.00	3873365.00	65.08413	(12122017)	435091.00
3873365.00	68.60628	(12122017)		
435191.00	3873365.00	72.08525	(12122017)	435291.00
3873365.00	75.20840	(12122017)		
435391.00	3873365.00	78.18743	(12122017)	435491.00
3873365.00	81.40356	(12122017)		
435591.00	3873365.00	84.60639	(12122017)	435691.00
3873365.00	87.19550	(12122017)		
435791.00	3873365.00	89.54324	(12122017)	435836.00
3873365.00	90.54448	(12122017)		
435830.30	3873465.00	79.08688	(12122017)	435824.60
3873565.00	71.40806	(12121907)		
435818.90	3873665.00	134.83170	(12121907)	435813.30

3873764.00	203.28512	(12121907)			
433343.00	3874839.00	110.84935	(12121907)		433243.10
3874835.00	117.61351	(12121907)			
433143.20	3874831.00	123.02940	(12121907)		433043.30
3874827.00	126.88665	(12121907)			
432943.30	3874823.00	129.33820	(12121907)		432843.40
3874819.00	130.14984	(12121907)			
432809.00	3874817.00	130.20038	(12121907)		432808.50
3874717.00	128.68989	(12121907)			
432807.90	3874617.00	114.29459	(12121907)		432807.40
3874517.00	91.06536	(12121907)			
432807.00	3874449.00	73.25192	(12121907)		432707.00
3874448.00	65.42017	(12121907)			
432675.00	3874448.00	63.06526	(12121907)		432675.30
3874348.00	40.28994	(12121907)			
432675.70	3874248.00	23.02194	(12121907)		432676.00
3874164.00	28.27921	(12122017)			
432754.00	3874129.00	30.19608	(12122017)		432853.50
3874119.00	29.90963	(12122017)			
432953.00	3874109.00	29.67331	(12122017)		432999.00
3874104.00	29.61398	(12122017)			
433099.00	3874105.00	28.47092	(12122017)		433199.00
3874105.00	27.37339	(12122017)			
433299.00	3874106.00	26.42280	(12121907)		433399.00
3874106.00	31.25011	(12121907)			
433499.00	3874107.00	37.03184	(12121907)		433599.00
3874107.00	43.47320	(12121907)			
433699.00	3874108.00	51.00019	(12121907)		433799.00
3874108.00	59.22516	(12121907)			
433899.00	3874109.00	68.64397	(12121907)		433999.00
3874109.00	78.73294	(12121907)			
434099.00	3874110.00	90.11862	(12121907)		434169.00
3874110.00	98.33798	(12121907)			
434176.00	3874210.00	136.28880	(12121907)		434183.00
3874310.00	162.89292	(12121907)			
434190.00	3874409.00	168.40704	(12121907)		434197.00
3874509.00	150.98781	(12121907)			
434204.00	3874609.00	142.71490	(10020408)		434211.00
3874709.00	155.95493	(10020408)			
434217.90	3874808.00	148.17473	(10020408)		434218.00
3874809.00	147.99537	(10020408)			
434118.10	3874813.00	149.70916	(10020408)		434018.10
3874816.00	149.59822	(10020408)			
433918.20	3874819.00	147.58208	(10020408)		433818.20
3874823.00	143.65916	(10020408)			
433718.30	3874826.00	138.44104	(10020408)		433618.30
3874830.00	131.97291	(10020408)			
433518.40	3874833.00	124.42870	(10020408)		433418.50
3874837.00	116.30495	(10020408)			

▲ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*\*



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 \*\*\* AERMET - VERSION 14134 \*\*\*  
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1001C \*\*\*  
 INCLUDING SOURCE(S): 1001C ,

\*\*\* NETWORK ID: COURSE ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD			X-COORD (METERS)
(METERS)	430733.00	431233.00	431733.00
432233.00	432733.00		

3879761.0	16.25933 (13120417)	12.51604 (11112117)	79.06028 (11112117)
91.72896 (11112117)	54.38715 (11112117)		
3879261.0	58.21761 (13120417)	27.57835 (13120417)	28.03523 (11112117)
73.60878 (11112117)	99.24323 (11112117)		
3878761.0	83.00000 (13120417)	77.05274 (13120417)	41.91526 (13120417)
21.86011 (11112117)	70.99339 (11112117)		
3878261.0	41.79615 (13120417)	80.31224 (13120417)	94.35680 (13120417)
62.94149 (13120417)	22.58095 (13120417)		
3877761.0	55.49319 (12013117)	43.41745 (12013117)	65.60957 (13120417)
101.24183 (13120417)	88.27096 (13120417)		
3877261.0	58.91304 (12013117)	66.04630 (12013117)	60.55024 (12013117)
44.31724 (13120417)	95.63524 (13120417)		
3876761.0	62.80232 (13121208)	50.54119 (12013117)	68.07377 (12013117)
75.10784 (12013117)	65.71638 (12013117)		
3876261.0	85.87301 (10102917)	91.17839 (13121208)	79.44795 (13121208)
58.16986 (12013117)	80.04158 (12013117)		
3875761.0	84.62681 (10020408)	72.80010 (10020408)	95.01519 (10102917)
104.14064 (13121208)	101.08644 (13121208)		
3875261.0	87.40275 (12121907)	74.54038 (12121907)	96.75026 (10020408)
102.28699 (10020408)	98.00030 (10102917)		
3874761.0	55.13505 (12121907)	80.52293 (12121907)	103.38200 (12121907)
113.42964 (12121907)	101.63003 (12121907)		
3874261.0	21.63501 (12122017)	18.42248 (12122017)	23.78265 (12121907)
45.68862 (12121907)	79.15404 (12121907)		
3873761.0	29.48332 (12122017)	33.21925 (12122017)	36.26849 (12122017)
37.94640 (12122017)	37.63263 (12122017)		
3873261.0	29.79486 (09122817)	31.59821 (09122817)	32.70639 (09122817)

33.35156 (09122817)	33.55312 (09122817)		
3872761.0   96.28255 (13121007)	102.50392 (13121007)	109.22960 (13121007)	
115.67057 (13121007)	123.19022 (13121007)		
3872261.0   48.67818 (10010817)	52.91444 (10010817)	57.65584 (10010817)	
63.34470 (10010817)	69.86163 (10010817)		
3871761.0   59.91648 (11122207)	66.15101 (11122207)	72.92030 (11122207)	
79.86484 (11122207)	88.14453 (11122207)		
3871261.0   54.79406 (09112417)	69.05809 (09113007)	87.57952 (09113007)	
106.35070 (09113007)	124.71787 (09113007)		
3870761.0   86.29206 (09113007)	81.56955 (09113007)	72.65768 (09113007)	
69.28380 (09112517)	75.63923 (09112517)		
3870261.0   53.76374 (09112517)	54.28286 (09112517)	52.12330 (09112517)	
47.70601 (09112517)	39.92189 (09112517)		
3869761.0   30.06010 (09112517)	24.46285 (09112517)	19.27540 (10110217)	
21.48541 (10110217)	25.37195 (10102007)		
3869261.0   16.90538 (10110217)	18.10183 (10102007)	24.27457 (10102007)	
34.11214 (12011217)	57.98550 (12011217)		
3868761.0   22.98650 (10102007)	35.77892 (12011217)	54.90123 (12011217)	
62.45674 (12011217)	64.09750 (09011517)		
3868261.0   51.02651 (12011217)	53.60160 (12011217)	56.87559 (09011517)	
70.50161 (09011517)	63.61521 (12112717)		
3867761.0   52.35758 (09011517)	64.07050 (09011517)	51.05084 (12112717)	
70.83956 (12112717)	58.82300 (12122817)		
3867261.0   48.71155 (09011517)	64.68112 (12112717)	59.04680 (12112717)	
53.58871 (12122817)	51.18451 (11111017)		
3866761.0   63.55582 (12112717)	50.25566 (12122817)	45.20249 (12122817)	
49.44999 (11111017)	51.46099 (09013007)		
3866261.0   53.99841 (12122817)	42.73145 (11111017)	44.70492 (11111017)	
51.23914 (09013007)	50.72568 (09013007)		
3865761.0   41.37617 (11111017)	38.24275 (11111017)	48.97888 (09013007)	
42.60727 (09013007)	24.69890 (12121917)		
3865261.0   39.06991 (09013007)	44.74312 (09013007)	35.31359 (09013007)	
19.86248 (12121917)	13.97063 (13112707)		
3864761.0   39.67581 (09013007)	29.01359 (09013007)	15.90468 (12121917)	
12.89858 (13112707)	29.75741 (09010507)		

^ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*  
                                     \*\*\*       09/09/20  
 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*  
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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1001C \*\*\*  
 INCLUDING SOURCE(S): 1001C ,

\*\*\* NETWORK ID: COURSE ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD				X-COORD (METERS)
(METERS)	433233.00		433733.00	434233.00
434733.00		435233.00		

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3879761.0	50.86478 (10012807)	31.20253 (10012807)	64.10526 (09012607)
117.28712	(09012607)	113.55025 (12110107)	
3879261.0	62.17234 (11112117)	56.44836 (10012807)	30.71118 (10012807)
85.37863	(09012607)	117.47344 (09012607)	
3878761.0	107.94417 (11112117)	70.46657 (11112117)	58.93966 (10012807)
30.30381	(10012807)	110.17459 (09012607)	
3878261.0	67.15517 (11112117)	117.07831 (11112117)	82.40514 (11112117)
63.48996	(10012807)	50.07315 (09012607)	
3877761.0	39.96976 (13120417)	62.64165 (11112117)	125.85165 (11112117)
94.48868	(11112117)	67.66291 (10012807)	
3877261.0	113.29640 (13120417)	67.22044 (13120417)	55.40025 (11112117)
133.50367	(11112117)	110.00347 (11112117)	
3876761.0	75.40812 (13120417)	127.65265 (13120417)	103.61849 (13120417)
45.92180	(11112117)	137.30008 (11112117)	
3876261.0	87.27667 (12013117)	71.20965 (12013117)	120.12878 (13120417)
142.00386	(13120417)	68.61313 (13120417)	
3875761.0	68.44632 (12013117)	96.62642 (12013117)	100.97852 (12013117)
88.52152	(13120417)	166.23386 (13120417)	
3875261.0	122.68389 (10102917)	128.52597 (13121208)	89.10005 (13121208)
117.10200	(12013117)	118.49800 (12013117)	
3874761.0	122.10237 (10020408)	126.04757 (10020408)	141.23459 (10102917)
160.72348	(13121208)	127.37261 (13121208)	
3874261.0	117.78146 (12121907)	146.99189 (12121907)	144.73487 (12121907)
163.61752	(10020408)	163.16245 (10020408)	
3873761.0	34.89721 (12122017)	29.68899 (12122017)	65.27528 (12121907)
124.87593	(12121907)	194.20894 (12121907)	
3873261.0	34.21215 (12122017)	43.46201 (12122017)	53.68799 (12122017)
63.30866	(12122017)	70.15089 (12122017)	
3872761.0	130.88397 (13121007)	138.53951 (13121007)	146.34680 (13121007)
154.01086	(13121007)	161.23277 (13121007)	
3872261.0	77.45190 (10010817)	86.49925 (10010817)	98.07141 (10010817)
112.13637	(10010817)	130.29004 (10010817)	
3871761.0	96.63676 (11122207)	104.87719 (11122207)	113.49369 (11122207)
122.25234	(09113007)	176.41503 (09113007)	
3871261.0	138.04220 (09113007)	141.22790 (09113007)	132.27466 (09113007)
117.54299	(09112517)	132.89717 (09112517)	
3870761.0	79.01015 (09112517)	77.50863 (09112517)	70.38977 (09112517)
57.54786	(09112517)	42.68669 (10102007)	
3870261.0	31.14541 (09112517)	28.31527 (10110217)	38.61818 (10102007)
59.43217	(12011217)	112.36317 (12011217)	
3869761.0	35.01741 (10102007)	60.57593 (12011217)	90.08619 (12011217)

92.37257 (09011517)	122.33416 (09011517)		
3869261.0   74.29936 (12011217)	75.37946 (09011517)	95.39016 (09011517)	
108.86682 (12112717)	101.55242 (12122817)		
3868761.0   80.42842 (09011517)	81.79797 (12112717)	87.31971 (12112717)	
80.15792 (12122817)	87.17713 (11111017)		
3868261.0   78.69019 (12112717)	70.00474 (12122817)	70.14465 (11111017)	
79.91528 (09013007)	85.61998 (09013007)		
3867761.0   55.94020 (12122817)	62.74734 (11111017)	74.98783 (09013007)	
67.36371 (09013007)	27.63677 (12031507)		
3867261.0   52.63445 (11111017)	67.57090 (09013007)	52.41124 (09013007)	
23.63915 (12121917)	58.86679 (13112707)		
3866761.0   59.20327 (09013007)	40.44967 (09013007)	18.41282 (13112707)	
50.96648 (13112707)	54.84186 (09010507)		
3866261.0   31.18926 (09013007)	16.76186 (13112707)	45.15702 (13112707)	
60.72733 (09010507)	22.23209 (13020117)		
3865761.0   15.28449 (13112707)	38.72350 (13112707)	73.68173 (09010507)	
18.59134 (09123117)	12.69112 (13020117)		
3865261.0   33.74750 (09010507)	79.06597 (09010507)	46.80305 (09123117)	
16.17129 (13020117)	7.61187 (10082007)		
3864761.0   63.47935 (09010507)	68.78974 (09123117)	32.00930 (10012008)	
10.84931 (13020117)	7.78157 (10020517)		

▲ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*  
                                 \*\*\*                      09/09/20  
 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*  
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\*\*\* MODELOPTs:    RegDEFAULT   CONC   ELEV   FLGPOL   RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1001C     \*\*\*  
   INCLUDING SOURCE(S):     1001C     ,  
   \*\*\* NETWORK ID: COURSE     ;   NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER     IN MICROGRAMS/M\*\*3

\*\*

Y-COORD				X-COORD (METERS)
(METERS)		435733.00	436233.00	436733.00
		437233.00	437733.00	

3879761.0   77.79737 (12110107)	126.18115 (13123017)	58.68707 (13123017)	
127.53093 (13110817)	118.33445 (12032707)		
3879261.0   123.26736 (12110107)	116.76505 (13123017)	78.78219 (13123017)	
66.64810 (13110817)	120.65956 (13110817)		
3878761.0   122.71222 (09012607)	122.94862 (12110107)	159.29541 (13123017)	

53.81890	(13123017)	162.46946	(13110817)		
3878261.0	141.75416	(09012607)	168.31247	(12110107)	117.56600 (13123017)
118.04732	(13123017)	124.80945	(13110817)		
3877761.0	69.23091	(09012607)	154.40792	(09012607)	127.23126 (12110107)
129.98177	(13123017)	78.58803	(13110817)		
3877261.0	73.69158	(10012807)	102.55767	(09012607)	160.90972 (09012607)
140.67322	(12110107)	172.98103	(13123017)		
3876761.0	128.22939	(11112117)	80.81196	(10012807)	144.73755 (09012607)
189.66712	(12110107)	195.55167	(13123017)		
3876261.0	142.83100	(11112117)	152.34115	(11112117)	88.16303 (10012807)
195.43023	(09012607)	204.03111	(12110107)		
3875761.0	120.34687	(13120417)	144.89851	(11112117)	183.62071 (11112117)
98.59543	(10012807)	223.60886	(09012607)		
3875261.0	157.28120	(13120417)	188.62958	(13120417)	145.70593 (11112117)
223.48114	(11112117)	134.88694	(09012607)		
3874761.0	150.15809	(12013117)	142.79685	(12013117)	243.96437 (13120417)
147.26167	(13120417)	269.82398	(11112117)		
3874261.0	205.43052	(10102917)	190.83831	(13121208)	206.51526 (12013117)
236.14970	(13120417)	275.90044	(13120417)		
3873761.0	225.42874	(12121907)	245.43489	(10020408)	272.04106 (10102917)
304.34810	(13121208)	306.74984	(12013117)		
3873261.0	70.56166	(12122017)	108.47344	(12121907)	250.94845 (12121907)
391.68903	(12121907)	424.83938	(10020408)		
3872761.0	166.38066	(13121007)	166.40816	(13121007)	159.54924 (13121007)
144.57706	(13121007)	180.65483	(12122017)		
3872261.0	153.42142	(10010817)	182.11739	(10010817)	219.37530 (10010817)
287.08358	(11122207)	400.01539	(11122207)		
3871761.0	241.30669	(09113007)	303.43657	(09113007)	331.99543 (09113007)
295.17373	(09113007)	340.44937	(09112517)		
3871261.0	137.93536	(09112517)	124.16601	(09112517)	93.82309 (09112517)
161.80882	(12011217)	304.29979	(12011217)		
3870761.0	67.80657	(10102007)	139.77043	(12011217)	191.37702 (12011217)
237.67572	(12112717)	252.76673	(12122817)		
3870261.0	124.48812	(12011217)	164.97996	(09011517)	190.13651 (12112717)
170.49298	(11111017)	198.94539	(09013007)		
3869761.0	147.64570	(12112717)	127.02345	(12122817)	143.91748 (09013007)
132.50295	(09013007)	141.74106	(09010507)		
3869261.0	104.40892	(11111017)	127.03653	(09013007)	81.60023 (09013007)
122.63587	(09010507)	45.83257	(13020117)		
3868761.0	106.10263	(09013007)	53.42229	(12121917)	102.63468 (09010507)
64.21932	(09123117)	30.82883	(13020117)		
3868261.0	34.31097	(12031507)	85.58679	(09010507)	61.36970 (09123117)
30.70833	(13020117)	11.93461	(10020517)		
3867761.0	65.43524	(09010507)	53.68050	(09010507)	32.01134 (13020117)
12.83602	(10020517)	7.66835	(09121009)		
3867261.0	69.10664	(09010507)	31.44387	(13020117)	11.24673 (10020517)
8.96446	(09121009)	9.65471	(11121209)		
3866761.0	26.18901	(13020117)	11.75045	(13020117)	8.94881 (11082307)
6.52579	(11121209)	9.70314	(11121209)		
3866261.0	15.29656	(13020117)	8.61988	(11082307)	7.49071 (09121009)

8.76206 (11121209)	7.74648 (13100407)		
3865761.0   7.63338 (11082307)	8.04300 (09121009)	6.07164 (11121209)	
9.04078 (11121209)	5.03944 (12020710)		
3865261.0   7.91892 (11082307)	6.25540 (09121009)	7.99880 (11121209)	
8.55335 (13100407)	4.74329 (09072207)		
3864761.0   7.10744 (09121009)	5.67552 (11121209)	8.42493 (11121209)	
6.27322 (13100407)	5.57337 (09072207)		

▲ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*\*  
\*\*\* 09/09/20  
\*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*  
\*\*\* 22:25:03

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: 1001C \*\*\*  
INCLUDING SOURCE(S): 1001C ,

\*\*\* NETWORK ID: COURSE ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD (METERS)		X-COORD (METERS)
439733.00	438233.00	439233.00
	440233.00	

3879761.0   109.80125 (09102117)	103.97179 (12101107)	130.63827 (13010917)
118.17886 (11112407)	83.60589 (12111517)	
3879261.0   95.50062 (12032707)	126.63126 (09102117)	144.47226 (13010917)
129.03084 (11112407)	94.25582 (12111517)	
3878761.0   128.16023 (12032707)	145.07206 (09102117)	152.28208 (13010917)
148.42489 (11112407)	116.86822 (12111517)	
3878261.0   146.33400 (12032707)	146.12652 (09102117)	164.94447 (13010917)
167.12336 (09121717)	142.04462 (12111517)	
3877761.0   166.95969 (13110817)	138.53281 (09102117)	156.00592 (13010917)
184.41173 (09121717)	153.09891 (12111517)	
3877261.0   182.47800 (13110817)	162.77480 (12032707)	160.77309 (09102117)
192.61913 (09121717)	174.79606 (12111517)	
3876761.0   148.15301 (13110817)	181.70979 (12032707)	189.23352 (09102117)
207.13908 (09121717)	172.13751 (12111517)	
3876261.0   205.17571 (13123017)	222.20665 (13110817)	207.08171 (09102117)
224.32770 (13010917)	209.00878 (12111517)	
3875761.0   221.90164 (13123017)	233.44314 (13110817)	208.45911 (12032707)
258.66775 (13010917)	241.26791 (11112407)	
3875261.0   258.56172 (09012607)	299.70196 (13123017)	266.84314 (13110817)

226.34852	(13010917)	273.70397	(11112407)		
3874761.0	234.21298	(09012607)	334.83752	(12110107)	252.66366 (13110817)
149.04616	(09102117)	299.59295	(11112407)		
3874261.0	333.25883	(11112117)	337.73615	(09012607)	411.79331 (13123017)
333.31418	(13110817)	317.08301	(11112407)		
3873761.0	413.30955	(13120417)	417.91978	(11112117)	406.06767 (09012607)
376.66316	(09122317)	374.51301	(11112407)		
3873261.0	498.13244	(13121208)	494.50366	(12013117)	572.17273 (11112117)
537.77690	(09012607)	492.93952	(11112407)		
3872761.0	234.14072	(12121907)	719.59456	(12121907)	988.75055 (10020408)
1092.85767	(13120417)	909.13348	(09012607)		
3872261.0	560.95594	(11122207)	792.29600	(11122207)	1420.82714 (09113007)
2329.85875	(09113007)	1845.85121	(10102007)		
3871761.0	301.68244	(09112517)	516.85587	(12011217)	554.93999 (12112717)
540.95870	(09010207)	511.17097	(09010207)		
3871261.0	375.26491	(12112717)	352.37164	(09013007)	330.74768 (09010507)
353.05571	(09010207)	273.81742	(10020807)		
3870761.0	264.83042	(09013007)	251.54732	(09010507)	304.85940 (09010207)
193.32371	(09030207)	156.79301	(13020708)		
3870261.0	208.80480	(09010507)	167.42954	(13010208)	190.54771 (09010207)
180.08953	(10101507)	105.69271	(13020708)		
3869761.0	108.08559	(10012008)	134.20701	(09010207)	106.00710 (09030207)
114.27673	(10101507)	121.99050	(10010408)		
3869261.0	22.25425	(11120917)	70.20228	(09010207)	66.69767 (10101507)
70.54624	(09121117)	83.44771	(10010408)		
3868761.0	15.77460	(11120917)	31.86010	(09012908)	40.52681 (10101507)
53.81725	(09121117)	59.53518	(10010408)		
3868261.0	10.87956	(11121209)	16.06083	(09012908)	26.46754 (10101507)
41.37036	(09121117)	43.46336	(10010408)		
3867761.0	10.71955	(13100407)	14.91039	(09031707)	25.90007 (09100107)
29.82764	(09121117)	28.39423	(13011508)		
3867261.0	7.97255	(13100407)	14.35033	(09031707)	22.98414 (09100107)
23.23186	(09121117)	21.81216	(13011508)		
3866761.0	5.52709	(09072207)	11.78799	(09031707)	19.22693 (09100107)
17.21195	(09121117)	15.31951	(13011508)		
3866261.0	6.62430	(09090207)	9.64666	(09090207)	15.48027 (09100107)
11.15073	(13010107)	12.34436	(12091907)		
3865761.0	8.00585	(09090207)	8.46579	(10030508)	12.16264 (09100107)
9.28274	(12041607)	11.83693	(12091907)		
3865261.0	8.77321	(09090207)	9.10289	(10030508)	9.24338 (09100107)
8.58564	(12041607)	11.36794	(12091907)		
3864761.0	8.82382	(09090207)	9.83439	(09100107)	7.99460 (12041607)
7.91788	(12041607)	10.97691	(12091907)		

▲ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*  
\*\*\* 09/09/20  
\*\*\* AERMET - VERSION 14134 \*\*\* \*\*  
\*\*\* 22:25:03

VALUES FOR SOURCE GROUP: 1001C \*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 INCLUDING SOURCE(S): 1001C ,

GRIDCART \*\*\* \*\* NETWORK ID: COURSE ; NETWORK TYPE:

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

Y-COORD | X-COORD (METERS)  
 (METERS) | 440733.00 441233.00 441733.00  
 442233.00 442733.00

3879761.0		48.15473 (10021007)	52.34386 (09012717)	42.06582 (09020308)
16.70459	(09122808)	10.30700 (09101207)		
3879261.0		53.35925 (10021007)	61.78588 (09012717)	51.77235 (09020308)
23.88337	(12012417)	16.96346 (12013017)		
3878761.0		63.28754 (10021007)	82.96884 (13120517)	67.79893 (09020308)
46.79066	(12012417)	31.37113 (12013017)		
3878261.0		72.42809 (10021007)	98.58341 (13120517)	78.61694 (09020308)
71.18963	(12012417)	53.28792 (12013017)		
3877761.0		87.81875 (13120517)	120.14523 (09021007)	117.94699 (09122808)
89.51029	(12012417)	61.72508 (10102517)		
3877261.0		130.50939 (13120517)	144.49994 (09021007)	142.10760 (09122808)
87.35222	(12013017)	117.53962 (11110817)		
3876761.0		159.14641 (13120517)	167.76008 (10022507)	154.16556 (12012417)
110.17779	(10102517)	148.02446 (11110817)		
3876261.0		177.22712 (13120517)	171.57464 (10022507)	116.54564 (12012417)
165.77557	(11110817)	179.86781 (11122017)		
3875761.0		202.45120 (13120517)	73.13338 (12012417)	77.55762 (12013017)
175.70847	(11122017)	201.84407 (12122708)		
3875261.0		223.58585 (13120517)	214.63882 (09122808)	223.07595 (11110817)
209.14274	(12122708)	210.11695 (12011107)		
3874761.0		244.81721 (09021007)	220.51704 (12012417)	258.85632 (11122017)
249.02819	(09111717)	226.39453 (12111417)		
3874261.0		280.08181 (09021007)	285.09869 (11110817)	299.74814 (09111717)
287.81621	(12111417)	246.82470 (13010717)		
3873761.0		314.85479 (10022507)	347.71812 (12122708)	369.12803 (12111417)
335.15173	(13010717)	290.12838 (13103117)		
3873261.0		455.83263 (11122017)	514.14492 (12111417)	489.46056 (13103117)
307.85465	(09110217)	154.25707 (09030307)		
3872761.0		911.45990 (13010717)	710.64094 (09110217)	217.95395 (09011407)
250.80948	(09011407)	220.48108 (09011407)		
3872261.0		2031.42906 (12022307)	1020.77031 (12112617)	600.34704 (12112617)
537.59471	(09012907)	441.00854 (09012907)		
3871761.0		496.41162 (13022207)	562.00286 (09120207)	536.47236 (09010807)



324.57968 (12022307)	399.42253 (12022307)		
3871261.0   268.59775 (09103017)	292.74811 (13022207)	329.54284 (12110707)	
325.54959 (13111317)	283.06361 (09010807)		
3870761.0   163.68244 (12120608)	167.79291 (13120607)	136.60430 (13022207)	
189.30093 (13020507)	178.66612 (10031507)		
3870261.0   111.04983 (09021307)	105.15434 (09103017)	76.15430 (09010608)	
45.94993 (09020508)	58.11214 (13012117)		
3869761.0   71.14521 (09021307)	54.95618 (12120608)	45.66144 (09103017)	
40.86721 (09010608)	32.92520 (09020508)		
3869261.0   59.41589 (13020708)	33.56362 (12120608)	26.82938 (12011117)	
24.86437 (13030807)	22.60805 (09123107)		
3868761.0   64.19504 (13020708)	27.70369 (09021307)	21.82351 (09021608)	
18.75460 (12011117)	18.42190 (13030807)		
3868261.0   55.36729 (13020708)	48.55912 (09021307)	30.69263 (12120608)	
19.59443 (12011117)	16.56118 (13030807)		
3867761.0   40.78730 (13020708)	40.35471 (09021307)	37.85804 (12120608)	
31.30031 (12120608)	24.70768 (12011117)		
3867261.0   30.01858 (13020708)	29.46243 (09021307)	28.09168 (09021307)	
32.34884 (12120608)	31.16603 (09103017)		
3866761.0   18.11627 (11121217)	19.13904 (12102517)	22.82135 (09021307)	
25.08032 (12120608)	20.19059 (09103017)		
3866261.0   14.51710 (11121217)	11.01039 (12102517)	16.88663 (11121307)	
16.22980 (12120608)	18.97671 (12120608)		
3865761.0   11.47960 (11121217)	7.85655 (09112309)	12.53186 (11121307)	
12.32462 (10021208)	15.82766 (12120608)		
3865261.0   9.60018 (11121217)	7.25518 (09112309)	8.46743 (11121307)	
12.46771 (11121307)	12.69802 (09021608)		
3864761.0   9.01808 (12091907)	6.78936 (09021909)	6.73128 (09112309)	
12.12281 (11121307)	11.91830 (10021208)		

^ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*  
   \*\*\*          09/09/20  
 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*  
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\*\*\* MODELOPTs:    RegDEFAULT   CONC   ELEV   FLGPOL   RURAL

\*\*\* THE    1ST HIGHEST    1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP:  1001C       \*\*\*  
   INCLUDING SOURCE(S):    1001C       ,

\*\*\* NETWORK ID: COURSE   ;   NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER        IN MICROGRAMS/M\*\*3

\*\*

Y-COORD		X-COORD (METERS)
(METERS)	443233.00	443733.00
	444733.00	444233.00
		445233.00

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3879761.0	10.29754 (12013017)	20.16812 (10110417)	16.62161 (13012409)
18.82857 (09012708)	18.02958 (10111007)		
3879261.0	27.34222 (12013017)	21.17818 (10102517)	23.16987 (09012708)
22.13051 (10111007)	30.46801 (12122708)		
3878761.0	19.12030 (10110417)	29.34377 (11110817)	26.93619 (13011417)
29.44520 (12122708)	35.47856 (09111717)		
3878261.0	25.92899 (10102517)	35.53379 (09012708)	28.95496 (10111007)
43.36319 (09111717)	39.56713 (13121817)		
3877761.0	52.30654 (11110817)	47.19828 (11122017)	50.43079 (12122708)
56.83875 (09111717)	70.53384 (12011107)		
3877261.0	97.71663 (11122017)	82.01718 (12122708)	74.47201 (09111717)
106.79732 (12011107)	50.23242 (12111417)		
3876761.0	124.53632 (12122708)	122.15130 (09111717)	127.60275 (12011107)
80.13079 (12111417)	124.34540 (12111417)		
3876261.0	167.94504 (09111717)	166.47786 (12011107)	111.40240 (12111417)
155.54527 (12111417)	100.11001 (11100607)		
3875761.0	201.97134 (12011107)	152.39164 (12111417)	168.95371 (12111417)
150.19600 (13010717)	116.62302 (12121307)		
3875261.0	177.62186 (12111417)	162.73683 (12111417)	185.40053 (13010717)
145.26891 (09012707)	162.40607 (13103117)		
3874761.0	173.52014 (12111417)	176.16816 (13010717)	175.66155 (13103117)
134.43704 (09110217)	97.68942 (09110217)		
3874261.0	225.52085 (13103117)	182.07515 (09110217)	130.45141 (09110217)
65.62046 (09030307)	62.99868 (09030307)		
3873761.0	186.95961 (09110217)	99.11129 (09030307)	79.31159 (09030307)
50.81155 (09030307)	28.28508 (09030307)		
3873261.0	87.73539 (09030307)	39.63242 (09030307)	57.76891 (09011407)
70.42450 (09011407)	75.81852 (09011407)		
3872761.0	203.37149 (13121217)	221.31745 (13121217)	219.39448 (13121217)
207.06134 (13121217)	175.47306 (13121217)		
3872261.0	364.75507 (09012907)	304.30079 (09012907)	252.63643 (09012907)
206.98430 (09012907)	166.39948 (09012907)		
3871761.0	271.60141 (10012908)	165.28656 (12112617)	214.15735 (12112617)
234.07833 (12112617)	199.23736 (12112617)		
3871261.0	199.07969 (11121207)	94.65768 (13111117)	175.73601 (12022307)
198.03716 (12022307)	168.40825 (10012908)		
3870761.0	138.81323 (13111317)	147.07361 (10030107)	152.02818 (11121207)
102.13470 (12112207)	63.55168 (13111117)		
3870261.0	93.23424 (10012608)	90.56559 (10031507)	86.30550 (13111317)
107.00245 (12120717)	98.22895 (11121207)		
3869761.0	44.74614 (11102407)	53.45649 (13012117)	69.25155 (10031507)
48.63450 (13111317)	21.03471 (13021307)		
3869261.0	31.24322 (09020508)	34.40753 (12112808)	43.95378 (13012117)
42.05842 (10012608)	28.79268 (10031507)		
3868761.0	19.09326 (09010608)	24.06212 (09020508)	35.78719 (11102407)
33.91869 (13012117)	25.20889 (09011317)		
3868261.0	15.90422 (09123107)	19.61560 (09010608)	22.95307 (13022207)

27.97604 (12112808)	15.68721 (13110617)		
3867761.0   16.70958 (13030807)	20.13918 (09123107)	19.79629 (09020508)	
18.78794 (12112808)	23.31782 (12112808)		
3867261.0   21.66515 (12111317)	13.97476 (13030807)	16.20269 (09123107)	
18.04625 (09020508)	15.82618 (12112808)		
3866761.0   22.96664 (12011117)	14.97411 (13030807)	10.89141 (09123107)	
10.64682 (09123107)	15.74869 (09020508)		
3866261.0   19.16361 (09103017)	17.25495 (12111317)	13.17699 (13030807)	
9.39469 (09123107)	8.05576 (11121308)		
3865761.0   11.48758 (09103017)	17.18632 (12011117)	12.27783 (10040707)	
9.63325 (13030807)	6.12723 (09123107)		
3865261.0   9.30440 (09021608)	13.86712 (12011117)	13.33075 (12111317)	
10.91455 (13030807)	6.10941 (13030807)		
3864761.0   11.66154 (09021608)	9.11399 (12011009)	13.97868 (12011117)	
11.73874 (10040707)	8.50841 (13030807)		

▲ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*  
\*\*\* \*\* 09/09/20  
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\*\*\* \*\* 22:25:03

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: 1001C \*\*\*  
INCLUDING SOURCE(S): 1001C ,

\*\*\* NETWORK ID: COURSE ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD | X-COORD (METERS)  
(METERS) | 445733.00

-----  
3879761.0 | 27.21442 (12122708)  
3879261.0 | 34.66030 (09111717)  
3878761.0 | 37.20565 (12011107)  
3878261.0 | 59.21236 (12011107)  
3877761.0 | 31.36280 (12111417)  
3877261.0 | 102.43707 (12111417)  
3876761.0 | 98.39232 (11100607)  
3876261.0 | 129.31134 (13010717)  
3875761.0 | 147.18390 (13103117)  
3875261.0 | 149.51026 (09110217)  
3874761.0 | 50.23795 (09030307)  
3874261.0 | 49.70129 (09030307)

3873761.0 | 17.30755 (12012517)  
 3873261.0 | 74.93465 (09011407)  
 3872761.0 | 124.46182 (13121217)  
 3872261.0 | 133.31398 (09012907)  
 3871761.0 | 149.02036 (12112617)  
 3871261.0 | 90.81950 (10012908)  
 3870761.0 | 93.55075 (12022307)  
 3870261.0 | 74.28605 (12112207)  
 3869761.0 | 54.09933 (12120717)  
 3869261.0 | 37.33298 (13111317)  
 3868761.0 | 28.22641 (10031507)  
 3868261.0 | 20.14237 (09011317)  
 3867761.0 | 10.62677 (13110617)  
 3867261.0 | 21.53565 (12112808)  
 3866761.0 | 13.76520 (12112808)  
 3866261.0 | 13.37434 (09020508)  
 3865761.0 | 7.90168 (12102908)  
 3865261.0 | 4.46858 (12102908)  
 3864761.0 | 2.94241 (13030807)

▲ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*  
 \*\*\* 09/09/20  
 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*  
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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

VALUES FOR SOURCE GROUP: 1001C \*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 INCLUDING SOURCE(S): 1001C ,

GRIDCART \*\*\* \*\* NETWORK ID: DESERTL ; NETWORK TYPE:

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

Y-COORD				X-COORD (METERS)
(METERS)		435850.40	435900.40	435950.40
		436000.40	436050.40	

-----  
 3874157.0 | 218.99500 (10102917) 219.28501 (10102917) 219.93045 (10102917)  
 219.83946 (10102917) 222.46897 (13121208)  
 3874107.0 | 209.69528 (10102917) 215.31335 (10102917) 219.42700 (10102917)  
 223.37916 (10102917) 225.72903 (10102917)  
 3874057.0 | 190.00359 (10102917) 199.72491 (10102917) 209.06756 (10102917)  
 216.74145 (10102917) 223.25510 (10102917)  
 3874007.0 | 204.92287 (10020408) 200.95501 (10020408) 196.29283 (10020408)

200.98784 (10102917)	210.60091 (10102917)		
3873957.0   220.60483 (10020408)	216.55906 (10020408)	214.56610 (10020408)	
211.36437 (10020408)	206.97212 (10020408)		
3873907.0   222.41907 (10020408)	223.21124 (10020408)	224.73193 (10020408)	
225.03119 (10020408)	224.03549 (10020408)		
3873857.0   213.83596 (10020408)	219.86148 (10020408)	224.90515 (10020408)	
228.84537 (10020408)	231.59444 (10020408)		
3873807.0   199.27516 (12121907)	206.69545 (10020408)	214.77190 (10020408)	
222.05026 (10020408)	228.40468 (10020408)		
3873757.0   222.54714 (12121907)	218.98768 (12121907)	214.52731 (12121907)	
209.33551 (12121907)	214.85662 (10020408)		
3873707.0   237.46087 (12121907)	237.01191 (12121907)	235.58213 (12121907)	
233.56885 (12121907)	230.55529 (12121907)		
3873657.0   241.87817 (12121907)	244.78707 (12121907)	246.77924 (12121907)	
248.09044 (12121907)	248.98101 (12121907)		
3873607.0   234.99030 (12121907)	241.04769 (12121907)	246.39725 (12121907)	
251.50648 (12121907)	256.07920 (12121907)		
3873557.0   217.48313 (12121907)	226.08550 (12121907)	234.22816 (12121907)	
242.69446 (12121907)	250.76962 (12121907)		
3873507.0   191.60778 (12121907)	201.73758 (12121907)	211.88280 (12121907)	
222.66155 (12121907)	233.52289 (12121907)		
3873457.0   160.50031 (12121907)	171.09528 (12121907)	182.44981 (12121907)	
194.34955 (12121907)	206.47457 (12121907)		
3873407.0   127.88146 (12121907)	138.26188 (12121907)	149.25949 (12121907)	
160.94314 (12121907)	172.85541 (12121907)		
3873357.0   96.68071 (12121907)	105.77694 (12121907)	115.66264 (12121907)	
126.25195 (12121907)	137.20810 (12121907)		
3873307.0   69.21573 (12121907)	76.70342 (12121907)	84.82189 (12121907)	
93.63972 (12121907)	103.06832 (12121907)		
3873257.0   70.14002 (12122017)	69.33138 (12122017)	68.84677 (12122017)	
67.83290 (12122017)	73.00167 (12121907)		
3873207.0   78.44553 (12122017)	78.36113 (12122017)	78.28031 (12122017)	
77.78769 (12122017)	77.62779 (12122017)		
3873157.0   84.20035 (12122017)	85.07391 (12122017)	85.33244 (12122017)	
85.64926 (12122017)	86.06748 (12122017)		

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1001C \*\*\*  
 INCLUDING SOURCE(S): 1001C ,

\*\*\* NETWORK ID: DESERTL ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD				X-COORD (METERS)
(METERS)	436100.40		436150.40	436200.40
	436250.40	436300.40		

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3874157.0	226.45143 (13121208)	228.79729 (13121208)	229.43995 (13121208)
228.43266 (13121208)	225.35594 (13121208)		
3874107.0	226.67780 (10102917)	227.19928 (13121208)	232.25862 (13121208)
236.70866 (13121208)	238.79493 (13121208)		
3874057.0	228.11527 (10102917)	231.94679 (10102917)	235.40153 (10102917)
237.91160 (10102917)	242.35504 (13121208)		
3874007.0	219.66385 (10102917)	227.60065 (10102917)	234.84850 (10102917)
241.00711 (10102917)	244.90624 (10102917)		
3873957.0	201.81616 (10020408)	212.91584 (10102917)	223.80768 (10102917)
233.38273 (10102917)	241.35577 (10102917)		
3873907.0	222.30768 (10020408)	219.41195 (10020408)	215.52030 (10020408)
215.90016 (10102917)	227.53488 (10102917)		
3873857.0	233.22192 (10020408)	234.57337 (10020408)	234.40425 (10020408)
232.68320 (10020408)	229.38143 (10020408)		
3873807.0	234.28293 (10020408)	239.47443 (10020408)	243.26589 (10020408)
245.71285 (10020408)	246.88826 (10020408)		
3873757.0	224.13478 (10020408)	232.79060 (10020408)	240.32270 (10020408)
247.10829 (10020408)	252.28643 (10020408)		
3873707.0	226.67036 (12121907)	221.96600 (12121907)	225.98749 (10020408)
236.00902 (10020408)	245.15721 (10020408)		
3873657.0	248.66652 (12121907)	247.26901 (12121907)	244.58409 (12121907)
240.98674 (12121907)	235.93898 (12121907)		
3873607.0	259.87832 (12121907)	262.33687 (12121907)	263.16057 (12121907)
263.17118 (12121907)	262.16106 (12121907)		
3873557.0	258.16703 (12121907)	264.81541 (12121907)	269.26133 (12121907)
272.85921 (12121907)	276.09462 (12121907)		
3873507.0	243.83808 (12121907)	253.54565 (12121907)	261.94934 (12121907)
269.23157 (12121907)	275.61871 (12121907)		
3873457.0	218.38042 (12121907)	229.94882 (12121907)	241.14429 (12121907)
251.63083 (12121907)	261.81244 (12121907)		
3873407.0	185.13872 (12121907)	197.70858 (12121907)	210.06490 (12121907)
222.80244 (12121907)	235.33944 (12121907)		
3873357.0	148.64545 (12121907)	160.49319 (12121907)	173.29407 (12121907)
186.33662 (12121907)	199.46484 (12121907)		
3873307.0	112.80654 (12121907)	123.16398 (12121907)	134.81765 (12121907)
146.99219 (12121907)	159.85109 (12121907)		
3873257.0	80.83388 (12121907)	89.34837 (12121907)	99.01391 (12121907)
109.18568 (12121907)	120.76494 (12121907)		
3873207.0	76.95049 (12122017)	76.11690 (12122017)	75.58321 (12122017)
76.68587 (12121907)	85.37944 (12121907)		
3873157.0	86.05491 (12122017)	86.35230 (12122017)	86.15022 (12122017)

86.14259 (12122017) 85.56477 (12122017)  
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 \*\*\* 09/09/20  
 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*  
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1001C \*\*\*  
 INCLUDING SOURCE(S): 1001C ,

\*\*\* NETWORK ID: DESERTL ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD			X-COORD (METERS)
(METERS)	436350.40	436400.40	436450.40
	436500.40	436550.40	

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3874157.0	220.64367 (13121208)	214.76401 (13121208)	208.19074 (13121208)	
199.98884 (13121208)	189.22771 (13121208)			
3874107.0	237.72648 (13121208)	235.98739 (13121208)	232.34802 (13121208)	
226.98977 (13121208)	219.06477 (13121208)			
3874057.0	245.96056 (13121208)	247.99704 (13121208)	248.04604 (13121208)	
246.37187 (13121208)	242.82558 (13121208)			
3874007.0	246.15373 (10102917)	247.96247 (13121208)	252.81069 (13121208)	
255.67701 (13121208)	256.63317 (13121208)			
3873957.0	247.64492 (10102917)	251.70217 (10102917)	254.26570 (10102917)	
254.51458 (10102917)	259.84219 (13121208)			
3873907.0	238.16953 (10102917)	246.83556 (10102917)	253.78346 (10102917)	
259.14535 (10102917)	262.60167 (10102917)			
3873857.0	224.68423 (10020408)	230.39212 (10102917)	241.76821 (10102917)	
251.51263 (10102917)	260.47572 (10102917)			
3873807.0	245.66502 (10020408)	243.25942 (10020408)	238.95096 (10020408)	
233.31500 (10020408)	245.51196 (10102917)			
3873757.0	255.72619 (10020408)	257.82076 (10020408)	257.94419 (10020408)	
256.59634 (10020408)	253.38192 (10020408)			
3873707.0	253.25586 (10020408)	259.55617 (10020408)	265.03296 (10020408)	
268.37134 (10020408)	270.23182 (10020408)			
3873657.0	237.67196 (10020408)	247.91113 (10020408)	257.73405 (10020408)	
265.97617 (10020408)	273.07514 (10020408)			
3873607.0	259.58389 (12121907)	255.93889 (12121907)	250.71630 (12121907)	
249.99159 (10020408)	261.62942 (10020408)			
3873557.0	277.73652 (12121907)	278.33608 (12121907)	277.81566 (12121907)	

275.54132 (12121907) 272.31966 (12121907) 291.47789 (12121907)  
3873507.0 | 282.20272 (12121907) 287.32180 (12121907) 294.14407 (12121907) 295.43316 (12121907)  
3873457.0 | 271.96645 (12121907) 280.81454 (12121907) 289.40956 (12121907)  
296.57354 (12121907) 302.84019 (12121907)  
3873407.0 | 247.56668 (12121907) 259.66915 (12121907) 271.58178 (12121907)  
282.71216 (12121907) 292.89393 (12121907)  
3873357.0 | 213.15130 (12121907) 226.89836 (12121907) 240.49813 (12121907)  
254.22336 (12121907) 267.73848 (12121907)  
3873307.0 | 172.95257 (12121907) 186.57180 (12121907) 200.83107 (12121907)  
215.62931 (12121907) 230.39774 (12121907)  
3873257.0 | 132.21059 (12121907) 144.83201 (12121907) 158.48122 (12121907)  
172.09754 (12121907) 187.86497 (12121907)  
3873207.0 | 94.98989 (12121907) 105.60276 (12121907) 116.56979 (12121907)  
129.31181 (12121907) 142.11690 (12121907)  
3873157.0 | 85.39579 (12122017) 84.59283 (12122017) 84.07137 (12122017)  
90.37363 (12121907) 100.96362 (12121907)

↑ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*\*  
\*\*\* 09/09/20  
\*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*  
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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

VALUES FOR SOURCE GROUP: 1001C \*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
INCLUDING SOURCE(S): 1001C ,

GRIDCART \*\*\* NETWORK ID: DESERTL ; NETWORK TYPE:

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3  
\*\*

Y-COORD | X-COORD (METERS)  
(METERS) | 436600.40 436650.40 436700.40  
436750.40 436800.40

-----  
3874157.0 | 177.02025 (13121208) 182.36318 (12013117) 191.43554 (12013117)  
200.25441 (12013117) 207.30801 (12013117)  
3874107.0 | 209.21322 (13121208) 198.25603 (13121208) 186.36236 (13121208)  
189.28226 (12013117) 198.84073 (12013117)  
3874057.0 | 236.72803 (13121208) 228.91150 (13121208) 219.62719 (13121208)  
208.75927 (13121208) 196.36341 (13121208)  
3874007.0 | 255.58916 (13121208) 252.90223 (13121208) 247.48063 (13121208)  
239.97649 (13121208) 230.69822 (13121208)  
3873957.0 | 264.18127 (13121208) 266.72372 (13121208) 266.57946 (13121208)



263.88222 (13121208) 259.04726 (13121208)  
3873907.0 | 264.77967 (10102917) 268.53862 (13121208) 274.16685 (13121208)  
277.09764 (13121208) 277.79389 (13121208)  
3873857.0 | 267.31684 (10102917) 272.80243 (10102917) 275.76418 (10102917)  
277.61789 (13121208) 283.79086 (13121208)  
3873807.0 | 257.00370 (10102917) 267.41151 (10102917) 276.31179 (10102917)  
282.56714 (10102917) 286.81459 (10102917)  
3873757.0 | 249.07161 (10020408) 248.99698 (10102917) 262.77011 (10102917)  
274.75818 (10102917) 284.31844 (10102917)  
3873707.0 | 270.56406 (10020408) 268.85710 (10020408) 265.75465 (10020408)  
260.17214 (10020408) 267.48266 (10102917)  
3873657.0 | 278.61397 (10020408) 282.24433 (10020408) 284.03976 (10020408)  
283.68501 (10020408) 282.03568 (10020408)  
3873607.0 | 272.22904 (10020408) 280.41893 (10020408) 287.74094 (10020408)  
293.34008 (10020408) 297.07425 (10020408)  
3873557.0 | 267.73669 (12121907) 263.48275 (10020408) 275.16225 (10020408)  
286.55169 (10020408) 296.52609 (10020408)  
3873507.0 | 295.06120 (12121907) 293.65462 (12121907) 290.51031 (12121907)  
285.61166 (12121907) 279.45656 (12121907)  
3873457.0 | 307.34608 (12121907) 311.19870 (12121907) 313.58607 (12121907)  
314.67104 (12121907) 313.88145 (12121907)  
3873407.0 | 302.18701 (12121907) 311.66009 (12121907) 319.75938 (12121907)  
327.14138 (12121907) 332.24014 (12121907)  
3873357.0 | 281.12319 (12121907) 294.52339 (12121907) 307.56790 (12121907)  
320.14829 (12121907) 330.93098 (12121907)  
3873307.0 | 246.12949 (12121907) 262.23998 (12121907) 278.39713 (12121907)  
294.43330 (12121907) 308.46402 (12121907)  
3873257.0 | 202.74762 (12121907) 219.42918 (12121907) 236.70580 (12121907)  
254.24038 (12121907) 270.55211 (12121907)  
3873207.0 | 156.45090 (12121907) 171.42974 (12121907) 187.96934 (12121907)  
204.33960 (12121907) 220.96770 (12121907)  
3873157.0 | 112.71782 (12121907) 125.09676 (12121907) 139.20090 (12121907)  
153.35866 (12121907) 168.46102 (12121907)

↑ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*  
\*\*\* 09/09/20  
\*\*\* AERMET - VERSION 14134 \*\*\* \*\*  
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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

VALUES FOR SOURCE GROUP: 1001C \*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
INCLUDING SOURCE(S): 1001C ,

GRIDCART \*\*\* \*\*\* NETWORK ID: DESERTL ; NETWORK TYPE:

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD |  
(METERS) | 436850.40

X-COORD (METERS)

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-----  
3874157.0 | 213.62346 (12013117)  
3874107.0 | 207.78411 (12013117)  
3874057.0 | 196.78688 (12013117)  
3874007.0 | 219.65997 (13121208)  
3873957.0 | 251.93210 (13121208)  
3873907.0 | 275.53857 (13121208)  
3873857.0 | 287.76765 (13121208)  
3873807.0 | 288.21293 (10102917)  
3873757.0 | 292.06283 (10102917)  
3873707.0 | 280.45691 (10102917)  
3873657.0 | 277.90534 (10020408)  
3873607.0 | 299.02512 (10020408)  
3873557.0 | 304.09085 (10020408)  
3873507.0 | 291.65470 (10020408)  
3873457.0 | 311.12987 (12121907)  
3873407.0 | 334.84097 (12121907)  
3873357.0 | 339.54015 (12121907)  
3873307.0 | 321.76532 (12121907)  
3873257.0 | 286.80339 (12121907)  
3873207.0 | 238.13064 (12121907)  
3873157.0 | 184.45109 (12121907)

▲ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*  
\*\*\* 09/09/20  
\*\*\* AERMET - VERSION 14134 \*\*\* \*\*  
\*\*\* 22:25:03

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: 1001C \*\*\*  
INCLUDING SOURCE(S): 1001C ,

\*\*\* NETWORK ID: BORON ; NETWORK TYPE:  
GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD |  
(METERS) | 439957.60  
440107.60

440157.60

440007.60

X-COORD (METERS)  
440057.60

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-----

3874057.0	330.50090 (09121717)	335.11472 (11112407)	335.85544 (11112407)
335.36582 (11112407)	334.96154 (11112407)		
3874007.0	334.41193 (09121717)	339.20375 (11112407)	340.79695 (11112407)
340.27593 (11112407)	339.51788 (11112407)		
3873957.0	340.25371 (09121717)	345.20607 (11112407)	346.71332 (11112407)
346.15694 (11112407)	345.67596 (11112407)		
3873907.0	346.50954 (11112407)	352.12288 (11112407)	353.27357 (11112407)
353.28931 (11112407)	352.79293 (11112407)		
3873857.0	354.01470 (11112407)	359.12045 (11112407)	360.49539 (11112407)
360.78970 (11112407)	360.60560 (11112407)		
3873807.0	361.11671 (11112407)	367.08881 (11112407)	368.11114 (11112407)
368.37148 (11112407)	368.16031 (11112407)		
3873757.0	369.75827 (11112407)	375.50577 (11112407)	376.46383 (11112407)
376.37400 (11112407)	376.14015 (11112407)		
3873707.0	378.35948 (11112407)	384.40971 (11112407)	384.98492 (11112407)
384.84892 (11112407)	384.58647 (11112407)		
3873657.0	387.79288 (11112407)	393.84779 (11112407)	394.02845 (11112407)
393.84482 (11112407)	393.54754 (11112407)		
3873607.0	400.00334 (13110817)	403.26332 (11112407)	404.27171 (11112407)
403.40212 (11112407)	403.41885 (11112407)		
3873557.0	411.05254 (13110817)	413.63127 (11112407)	414.51685 (11112407)
413.60211 (11112407)	413.58034 (11112407)		
3873507.0	424.07966 (09122317)	425.01810 (11112407)	425.79516 (11112407)
425.49068 (11112407)	424.79142 (11112407)		
3873457.0	437.56241 (09122317)	437.21640 (11112407)	437.55290 (11112407)
437.18754 (11112407)	436.79366 (11112407)		
3873407.0	451.52960 (09122317)	450.32259 (11112407)	450.84211 (11112407)
450.11143 (11112407)	449.33203 (11112407)		
3873357.0	470.73082 (13123017)	465.50817 (09122317)	464.51844 (11112407)
464.04865 (11112407)	463.22555 (11112407)		
3873307.0	492.15081 (13123017)	481.99654 (13123017)	479.53829 (09122317)
478.79716 (11112407)	478.26201 (11112407)		
3873257.0	512.33264 (13123017)	506.91089 (13123017)	497.37530 (09122317)
495.51689 (11112407)	494.59833 (11112407)		
3873207.0	535.23087 (13123017)	533.81122 (13123017)	524.66180 (13123017)
516.45354 (09122317)	515.62126 (11112407)		
3873157.0	562.65459 (12110107)	555.06934 (13123017)	550.81044 (13123017)
541.63441 (13123017)	537.66489 (09122317)		
3873107.0	593.96335 (09012607)	586.51937 (12110107)	580.06729 (13123017)
573.07541 (13123017)	563.41520 (09122317)		
3873057.0	635.71479 (09012607)	621.02229 (09012607)	607.26040 (12110107)
605.15061 (13123017)	597.32299 (13123017)		
3873007.0	676.02171 (09012607)	669.08251 (09012607)	651.33399 (09012607)
636.26724 (13123017)	632.53419 (13123017)		
3872957.0	709.89651 (09012607)	706.43788 (09012607)	699.93941 (09012607)
685.07713 (12110107)	671.74191 (13123017)		
3872907.0	755.90519 (09012607)	753.49434 (09012607)	749.66238 (09012607)
740.18080 (09012607)	723.08622 (12110107)		
3872857.0	837.92743 (11112117)	800.46614 (11112117)	804.33642 (09012607)

800.02922 (09012607) 788.64361 (09012607)  
3872807.0 | 922.44725 (11112117) 905.38609 (11112117) 870.09764 (11112117)  
851.36453 (09012607) 857.95016 (09012607)  
3872757.0 | 1008.04280 (13120417) 997.36168 (11112117) 989.65697 (11112117)  
956.71573 (11112117) 924.94110 (09012607)  
3872707.0 | 1171.82778 (13120417) 1139.34820 (13120417) 1092.39583 (11112117)  
1091.03081 (11112117) 1060.88342 (11112117)  
3872657.0 | 1337.19831 (13120417) 1323.23055 (13120417) 1292.52543 (13120417)  
1267.21135 (13120417) 1210.98430 (11112117)  
3872607.0 | 1613.49307 (12013117) 1598.15255 (12013117) 1551.87708 (12013117)  
1506.89782 (13120417) 1463.30495 (13120417)  
3872557.0 | 1980.09760 (12121907) 1966.03696 (12013117) 1950.47892 (12013117)  
1896.29602 (12013117) 1821.85047 (12013117)

▲ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*  
\*\*\* 09/09/20  
\*\*\* AERMET - VERSION 14134 \*\*\* \*\*  
\*\*\* 22:25:03

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: 1001C \*\*\*  
INCLUDING SOURCE(S): 1001C ,

\*\*\* NETWORK ID: BORON ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD (METERS)		X-COORD (METERS)
440357.60	440207.60	440257.60
	440407.60	440307.60

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-----  
3874057.0 | 335.17288 (11112407) 335.28569 (11112407) 334.75554 (11112407)  
331.82393 (11112407) 320.92493 (11112407)  
3874007.0 | 338.69119 (11112407) 340.79398 (11112407) 340.42493 (11112407)  
336.84147 (11112407) 328.20450 (11112407)  
3873957.0 | 345.47359 (11112407) 346.58819 (11112407) 345.97098 (11112407)  
343.23730 (11112407) 335.64599 (11112407)  
3873907.0 | 352.59351 (11112407) 352.70721 (11112407) 352.54707 (11112407)  
350.22346 (11112407) 343.27496 (11112407)  
3873857.0 | 360.07976 (11112407) 360.22234 (11112407) 359.07219 (11112407)  
357.84448 (11112407) 351.11895 (11112407)  
3873807.0 | 367.61206 (11112407) 367.04821 (11112407) 366.67459 (11112407)  
365.38523 (11112407) 360.32033 (11112407)  
3873757.0 | 375.57165 (11112407) 375.35269 (11112407) 374.66518 (11112407)

373.63997	(11112407)	369.03176	(11112407)		
3873707.0	384.34400	(11112407)	384.12884	(11112407)	383.10371 (11112407)
382.67093	(11112407)	378.42370	(11112407)		
3873657.0	393.28109	(11112407)	393.04633	(11112407)	393.17671 (11112407)
392.15863	(11112407)	389.39372	(11112407)		
3873607.0	402.78207	(11112407)	402.51793	(11112407)	402.65300 (11112407)
401.75207	(11112407)	399.56512	(11112407)		
3873557.0	412.91181	(11112407)	412.61686	(11112407)	413.55352 (11112407)
412.75174	(11112407)	410.64285	(11112407)		
3873507.0	424.45996	(11112407)	423.78447	(11112407)	423.50491 (11112407)
423.99892	(11112407)	422.74375	(11112407)		
3873457.0	436.06890	(11112407)	434.98810	(11112407)	434.65481 (11112407)
435.55198	(11112407)	434.59523	(11112407)		
3873407.0	448.92753	(11112407)	448.56802	(11112407)	447.45238 (11112407)
447.94336	(11112407)	448.64638	(11112407)		
3873357.0	462.42179	(11112407)	462.79486	(11112407)	462.91350 (11112407)
464.13261	(11112407)	464.24792	(11112407)		
3873307.0	478.15805	(11112407)	477.74632	(11112407)	479.76271 (11112407)
481.90963	(11112407)	482.40376	(11112407)		
3873257.0	494.06331	(11112407)	493.98398	(11112407)	495.47035 (11112407)
501.54179	(11112407)	500.15756	(11112407)		
3873207.0	516.28138	(11112407)	518.47535	(11112407)	518.48399 (11112407)
518.58016	(11112407)	517.20322	(11112407)		
3873157.0	539.97958	(11112407)	538.59774	(11112407)	537.21531 (11112407)
535.83595	(11112407)	534.43582	(11112407)		
3873107.0	560.40029	(09122317)	558.03206	(11112407)	556.58596 (11112407)
556.41905	(11112407)	560.23374	(11112407)		
3873057.0	586.03376	(09122317)	583.65174	(11112407)	583.56945 (11112407)
583.59901	(11112407)	582.07452	(11112407)		
3873007.0	618.16768	(13123017)	614.72154	(09122317)	609.09164 (11112407)
609.78083	(11112407)	613.67670	(11112407)		
3872957.0	663.88913	(13123017)	646.11627	(09122317)	645.38958 (13110817)
642.66368	(11112407)	640.94783	(11112407)		
3872907.0	709.26177	(13123017)	699.87319	(13123017)	683.11383 (09122317)
674.81307	(11112407)	677.01741	(11112407)		
3872857.0	763.68640	(12110107)	750.41549	(13123017)	738.40630 (13123017)
723.71486	(13110817)	715.59645	(11112407)		
3872807.0	845.64754	(09012607)	815.00023	(12110107)	806.83242 (13123017)
785.19355	(09122317)	767.55554	(13110817)		
3872757.0	922.84327	(09012607)	913.41677	(09012607)	876.04129 (12110107)
854.99965	(13123017)	826.95262	(09122317)		
3872707.0	999.84511	(09012607)	993.54385	(09012607)	977.87526 (09012607)
946.97799	(12110107)	930.25369	(12111417)		
3872657.0	1184.18049	(11112117)	1121.70882	(11112117)	1088.73112 (09012607)
1061.14984	(09012607)	1081.90677	(12111417)		
3872607.0	1363.58114	(13120417)	1321.27271	(11112117)	1262.04208 (11112117)
1195.34798	(12111417)	1242.55899	(13010717)		
3872557.0	1722.03877	(12013117)	1593.26465	(12013117)	1467.72329 (13120417)
1531.78925	(09110217)	1606.50968	(09110217)		

▲ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*\*

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\*\*\* AERMET - VERSION 14134 \*\*\*  
\*\*\* 22:25:03

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: 1001C \*\*\*  
INCLUDING SOURCE(S): 1001C ,

\*\*\* NETWORK ID: BORON ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD (METERS)		X-COORD (METERS)
440607.60	440457.60	440507.60
	440657.60	440557.60

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3874057.0		296.95721 (11112407)	285.69429 (09021007)	285.88692 (09021007)
285.43037		(09021007)	285.08201 (09021007)	
3874007.0		304.93051 (11112407)	289.31205 (09021007)	290.39475 (09021007)
289.83881		(09021007)	289.06077 (09021007)	
3873957.0		313.88025 (11112407)	294.15327 (09021007)	295.06764 (09021007)
294.43613		(09021007)	294.01490 (09021007)	
3873907.0		323.44758 (11112407)	299.96398 (09021007)	299.92893 (09021007)
299.66057		(09021007)	299.62402 (09021007)	
3873857.0		333.64945 (11112407)	305.56597 (09021007)	306.29047 (09021007)
305.55868		(09021007)	305.08547 (09021007)	
3873807.0		344.13174 (11112407)	312.28194 (09021007)	312.51906 (09021007)
312.21741		(09021007)	311.71833 (09021007)	
3873757.0		354.92265 (11112407)	319.38024 (12111517)	319.08912 (09021007)
318.30254		(09021007)	317.32034 (09021007)	
3873707.0		366.02336 (11112407)	330.88769 (11112407)	326.00992 (09021007)
325.69332		(09021007)	325.63382 (09021007)	
3873657.0		377.45000 (11112407)	344.87862 (11112407)	332.84873 (09021007)
333.01525		(09021007)	332.43797 (09021007)	
3873607.0		390.51386 (11112407)	359.45634 (11112407)	341.11310 (09021007)
341.29821		(09021007)	341.22049 (09021007)	
3873557.0		402.27478 (11112407)	374.65838 (11112407)	351.56172 (09021007)
350.66807		(09021007)	351.16616 (09021007)	
3873507.0		415.81201 (11112407)	391.40216 (11112407)	361.02408 (09021007)
361.28167		(09021007)	360.63322 (09021007)	
3873457.0		430.41743 (11112407)	408.93042 (11112407)	371.75446 (09021007)
372.70088		(09021007)	378.21819 (11110817)	
3873407.0		445.75467 (11112407)	427.26683 (11112407)	383.97612 (09021007)

386.62074	(11110817)	395.59479	(11110817)		
3873357.0	461.94405	(11112407)	446.49081	(11112407)	397.20980 (09021007)
406.26608	(11110817)	410.49231	(11110817)		
3873307.0	479.13737	(11112407)	466.66537	(11112407)	417.53746 (11110817)
424.25340	(11110817)	428.03189	(11122017)		
3873257.0	497.49740	(11112407)	486.39515	(11112407)	439.48038 (11110817)
442.41105	(11110817)	451.92890	(11122017)		
3873207.0	514.99533	(11112407)	505.64207	(11112407)	462.39835 (11112407)
469.01394	(11122017)	477.94810	(11122017)		
3873157.0	533.92055	(11112407)	528.92497	(11112407)	495.08685 (11112407)
493.38529	(11122017)	495.09982	(11122017)		
3873107.0	559.34435	(11112407)	553.81360	(11112407)	521.85692 (11112407)
512.61957	(11122017)	515.41743	(09111717)		
3873057.0	580.40130	(11112407)	581.59685	(11112407)	555.42276 (11112407)
541.36419	(09111717)	549.82190	(09111717)		
3873007.0	613.04079	(11112407)	609.81877	(11112407)	589.34805 (11112407)
577.67050	(09111717)	595.33473	(12011107)		
3872957.0	639.20645	(11112407)	636.62034	(11112407)	621.41625 (11112407)
623.05593	(12011107)	630.99598	(12011107)		
3872907.0	677.47986	(11112407)	677.71976	(11112407)	670.79674 (12011107)
678.79825	(12011107)	680.55641	(12011107)		
3872857.0	717.33051	(11112407)	715.18154	(11112407)	721.68580 (12011107)
731.57246	(12111417)	753.19574	(12111417)		
3872807.0	772.98552	(12011107)	780.65608	(12011107)	790.25193 (12111417)
803.72533	(12111417)	808.39446	(12111417)		
3872757.0	849.34044	(12011107)	866.95588	(12111417)	877.93876 (12111417)
880.83634	(12111417)	898.42272	(13010717)		
3872707.0	963.77812	(12111417)	972.05888	(12111417)	976.70682 (13010717)
997.07391	(13010717)	1007.73019	(13010717)		
3872657.0	1091.41034	(12111417)	1117.46416	(13010717)	1132.24515 (13010717)
1148.20257	(13103117)	1165.75073	(13103117)		
3872607.0	1283.50778	(13010717)	1324.85781	(13103117)	1365.58958 (09110217)
1393.61370	(09110217)	1410.11309	(09110217)		
3872557.0	1689.88082	(09110217)	1724.34076	(09110217)	1752.95398 (09110217)
1761.19944	(09110217)	1763.81442	(09110217)		

▲ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*  
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\*\*\* MODELOPTs:     RegDEFAULT   CONC   ELEV   FLGPOL   RURAL

                                 \*\*\* THE    1ST HIGHEST   1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP:  1001C     \*\*\*  
                                  INCLUDING SOURCE(S):     1001C         ,

                                 \*\*\* NETWORK ID: BORON         ;   NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD				X-COORD (METERS)
(METERS)	440707.60		440757.60	440807.60
	440857.60	440907.60		

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3874057.0	284.63325 (09021007)	284.02977 (10022507)	282.71470 (09122808)
283.00355 (09122808)	280.23027 (09122808)		
3874007.0	288.93842 (09021007)	287.42813 (10022507)	286.24516 (09122808)
286.00325 (09122808)	283.82456 (09122808)		
3873957.0	293.42677 (09021007)	291.75744 (10022507)	290.72056 (09122808)
290.27598 (09122808)	286.22633 (11110817)		
3873907.0	298.53833 (09021007)	297.08898 (10022507)	295.79792 (09122808)
294.69355 (09122808)	300.09102 (11110817)		
3873857.0	304.33397 (09021007)	301.78822 (10022507)	301.52998 (09122808)
300.57412 (11110817)	311.35766 (11110817)		
3873807.0	309.95706 (09021007)	307.11635 (10022507)	306.63987 (09122808)
312.88497 (11110817)	320.28821 (11110817)		
3873757.0	316.32354 (09021007)	313.34415 (09122808)	314.81181 (11110817)
324.65452 (11110817)	328.50427 (11110817)		
3873707.0	322.55117 (09021007)	319.13024 (09122808)	328.59295 (11110817)
335.09656 (11110817)	339.03132 (11110817)		
3873657.0	330.12091 (09021007)	331.74798 (11110817)	339.58407 (11110817)
344.65010 (11110817)	347.95532 (11110817)		
3873607.0	338.66087 (10022507)	346.83162 (11110817)	351.90653 (11110817)
355.37849 (11110817)	363.66183 (11122017)		
3873557.0	354.16821 (11110817)	360.90333 (11110817)	364.85378 (11110817)
370.20616 (11122017)	377.67989 (11122017)		
3873507.0	370.57026 (11110817)	374.15034 (11110817)	378.58244 (11122017)
387.04490 (11122017)	390.79095 (11122017)		
3873457.0	385.01954 (11110817)	387.12977 (11110817)	396.12122 (11122017)
400.13098 (11122017)	402.25579 (11122017)		
3873407.0	398.16446 (11110817)	406.90498 (11122017)	412.08450 (11122017)
414.75313 (11122017)	416.01434 (11122017)		
3873357.0	417.36008 (11122017)	424.81298 (11122017)	427.40061 (11122017)
428.15217 (11122017)	433.16673 (09111717)		
3873307.0	437.55706 (11122017)	440.96732 (11122017)	442.88019 (11122017)
447.59256 (09111717)	453.89676 (09111717)		
3873257.0	455.56865 (11122017)	458.79079 (11122017)	463.29592 (09111717)
470.27471 (09111717)	482.52449 (12011107)		
3873207.0	479.00922 (11122017)	482.25371 (09111717)	488.12645 (09111717)
499.74885 (12011107)	507.50627 (12011107)		
3873157.0	498.09945 (09111717)	504.68907 (09111717)	517.57436 (12011107)
525.36984 (12011107)	528.21900 (12011107)		
3873107.0	522.84507 (09111717)	537.05442 (12011107)	544.87282 (12011107)
557.82363 (12011107)	558.06723 (12011107)		
3873057.0	565.64896 (12011107)	573.59334 (12011107)	581.13858 (12011107)



581.20521 (12011107) 590.03104 (12111417)  
3873007.0 | 603.32583 (12011107) 605.66990 (12011107) 608.30741 (12111417)  
622.12086 (12111417) 632.54828 (12111417)  
3872957.0 | 646.74808 (12011107) 652.66633 (12111417) 663.89431 (12111417)  
667.80844 (12111417) 668.62513 (12111417)  
3872907.0 | 691.80704 (12111417) 699.89705 (12111417) 712.84152 (12111417)  
712.90705 (12111417) 720.03505 (13010717)  
3872857.0 | 759.66157 (12111417) 761.27608 (12111417) 760.60256 (12111417)  
772.16024 (13010717) 784.35360 (13010717)  
3872807.0 | 808.87037 (12111417) 819.00659 (13010717) 834.37225 (13010717)  
855.48623 (13010717) 859.54862 (13010717)  
3872757.0 | 913.44435 (13010717) 921.36555 (13010717) 924.81272 (13010717)  
938.46886 (13103117) 955.28911 (13103117)  
3872707.0 | 1016.21821 (13103117) 1043.03691 (13103117) 1060.51738 (13103117)  
1064.21816 (13103117) 1064.91331 (09110217)  
3872657.0 | 1179.61092 (09110217) 1197.98586 (09110217) 1209.04836 (09110217)  
1206.20122 (09110217) 1168.54314 (09110217)  
3872607.0 | 1420.01840 (09110217) 1427.48526 (09110217) 1421.14838 (09110217)  
1329.96991 (09110217) 1183.24749 (09110217)  
3872557.0 | 1762.44732 (09110217) 1698.90756 (09110217) 1490.14967 (09110217)  
1261.15515 (09110217) 1033.41851 (09110217)

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: 1001C \*\*\*

INCLUDING SOURCE(S): 1001C ,

\*\*\* NETWORK ID: BORON ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

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Y-COORD (METERS)	X-COORD (METERS)
441107.60	441057.60
440957.60	441007.60
441157.60	441007.60

3874057.0 | 275.46431 (11110817) 287.07935 (11110817) 294.00798 (11110817)  
299.09612 (11110817) 301.84316 (11110817)  
3874007.0 | 286.24366 (11110817) 295.59792 (11110817) 300.32202 (11110817)  
303.74300 (11110817) 305.78486 (11110817)  
3873957.0 | 297.01215 (11110817) 303.22827 (11110817) 306.29699 (11110817)

308.83628	(11110817)	314.71784	(11122017)		
3873907.0	307.48567	(11110817)	310.75377	(11110817)	312.62835 (11110817)
316.30419	(11122017)	323.57617	(11122017)		
3873857.0	316.46868	(11110817)	318.61255	(11110817)	320.21423 (11122017)
327.38371	(11122017)	331.35541	(11122017)		
3873807.0	324.25302	(11110817)	326.25363	(11110817)	332.50146 (11122017)
337.33072	(11122017)	339.88856	(11122017)		
3873757.0	331.60251	(11110817)	337.62846	(11122017)	343.48069 (11122017)
345.61574	(11122017)	347.17815	(11122017)		
3873707.0	342.66027	(11122017)	349.70473	(11122017)	353.55115 (11122017)
355.57950	(11122017)	354.81132	(11122017)		
3873657.0	356.10083	(11122017)	360.72034	(11122017)	362.63410 (11122017)
363.94195	(11122017)	365.29849	(12122708)		
3873607.0	368.70821	(11122017)	371.72303	(11122017)	373.40383 (11122017)
373.86066	(12122708)	379.24379	(09111717)		
3873557.0	381.92679	(11122017)	383.31596	(11122017)	385.28801 (12122708)
389.66603	(09111717)	392.40319	(09111717)		
3873507.0	392.52379	(11122017)	395.62886	(12122708)	400.79056 (09111717)
403.80782	(09111717)	410.25137	(12011107)		
3873457.0	403.98192	(12122708)	410.63927	(09111717)	415.40732 (09111717)
421.79986	(12011107)	430.29401	(12011107)		
3873407.0	421.16320	(09111717)	427.07562	(09111717)	436.29185 (12011107)
444.35134	(12011107)	447.58689	(12011107)		
3873357.0	438.85987	(09111717)	449.75095	(12011107)	458.68988 (12011107)
464.30792	(12011107)	465.19886	(12011107)		
3873307.0	464.18407	(12011107)	474.24263	(12011107)	478.29239 (12011107)
481.60770	(12011107)	482.71074	(12011107)		
3873257.0	491.09551	(12011107)	494.22066	(12011107)	496.70506 (12011107)
497.95029	(12011107)	504.39514	(12111417)		
3873207.0	510.50608	(12011107)	511.10773	(12011107)	518.33223 (12011107)
527.49966	(12111417)	532.38598	(12111417)		
3873157.0	533.92373	(12011107)	540.18915	(12111417)	548.67608 (12111417)
552.75328	(12111417)	553.82640	(12111417)		
3873107.0	564.10060	(12111417)	571.49326	(12111417)	574.70405 (12111417)
575.34337	(12111417)	573.47098	(12111417)		
3873057.0	596.17697	(12111417)	605.84622	(12111417)	606.03813 (12111417)
604.09231	(12111417)	607.96904	(13010717)		
3873007.0	638.17910	(12111417)	637.94569	(12111417)	638.65273 (12111417)
646.51664	(13010717)	649.94692	(13010717)		
3872957.0	670.93691	(12111417)	684.89704	(13010717)	694.23499 (13010717)
695.51836	(13010717)	687.12433	(13010717)		
3872907.0	731.21422	(13010717)	737.06681	(13010717)	736.28524 (13010717)
744.19311	(13103117)	749.32257	(13103117)		
3872857.0	790.03770	(13010717)	798.25348	(13010717)	808.70770 (13103117)
809.64560	(13103117)	797.39955	(13103117)		
3872807.0	868.72415	(13103117)	873.38624	(13103117)	876.85315 (13103117)
856.60983	(13103117)	828.91818	(09110217)		
3872757.0	961.90334	(13103117)	951.33167	(13103117)	928.20373 (09110217)
885.41604	(09110217)	822.21828	(09110217)		
3872707.0	1051.09979	(09110217)	1012.56678	(09110217)	941.11465 (09110217)

855.85344 (09110217) 750.65415 (09110217)  
 3872657.0 | 1104.99610 (09110217) 993.05963 (09110217) 864.40045 (09110217)  
 732.35800 (09110217) 610.30691 (09110217)  
 3872607.0 | 1020.38687 (09110217) 858.73240 (09110217) 702.01526 (09110217)  
 558.36506 (09110217) 535.36234 (09011407)  
 3872557.0 | 840.16701 (13121217) 830.07272 (13121217) 817.05331 (13121217)  
 802.97776 (13121217) 788.28686 (13121217)

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1001C \*\*\*  
 INCLUDING SOURCE(S): 1001C ,

\*\*\* NETWORK ID: BORON ; NETWORK TYPE:  
 GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD			X-COORD (METERS)
(METERS)			
441357.60	441207.60	441407.60	441307.60

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 3874057.0 | 303.88313 (11122017) 309.91565 (11122017) 312.37522 (11122017)  
 312.58209 (11122017) 310.64350 (11122017)  
 3874007.0 | 312.41558 (11122017) 316.07862 (11122017) 317.48615 (11122017)  
 316.73852 (11122017) 317.29678 (12122708)  
 3873957.0 | 319.66538 (11122017) 322.20002 (11122017) 321.95490 (11122017)  
 321.53309 (12122708) 324.33094 (12122708)  
 3873907.0 | 326.81508 (11122017) 328.16073 (11122017) 326.23043 (11122017)  
 329.56840 (12122708) 331.71924 (09111717)  
 3873857.0 | 333.33090 (11122017) 333.65922 (11122017) 335.75646 (12122708)  
 337.44099 (09111717) 340.90616 (09111717)  
 3873807.0 | 340.44549 (11122017) 340.77340 (12122708) 343.77682 (09111717)  
 347.28604 (09111717) 349.05030 (09111717)  
 3873757.0 | 347.33193 (12122708) 349.42937 (09111717) 354.42757 (09111717)  
 356.71557 (09111717) 361.88324 (12011107)  
 3873707.0 | 357.18530 (12122708) 361.79415 (09111717) 365.02626 (09111717)  
 369.82853 (12011107) 376.13834 (12011107)  
 3873657.0 | 370.55173 (09111717) 373.15228 (09111717) 379.29918 (12011107)  
 385.79581 (12011107) 389.32026 (12011107)  
 3873607.0 | 382.24538 (09111717) 388.79777 (12011107) 396.04851 (12011107)

400.33723	(12011107)	401.27085	(12011107)		
3873557.0	399.47813	(12011107)	406.91822	(12011107)	411.98832 (12011107)
412.59449	(12011107)	412.16468	(12011107)		
3873507.0	418.52873	(12011107)	423.14617	(12011107)	424.52992 (12011107)
424.74348	(12011107)	419.01087	(12011107)		
3873457.0	435.66789	(12011107)	437.88352	(12011107)	437.95911 (12011107)
435.16207	(12011107)	442.80802	(12111417)		
3873407.0	450.72939	(12011107)	451.94127	(12011107)	450.70389 (12111417)
460.62296	(12111417)	464.95405	(12111417)		
3873357.0	466.79922	(12011107)	468.22270	(12111417)	477.56275 (12111417)
483.57210	(12111417)	483.98150	(12111417)		
3873307.0	486.90837	(12111417)	494.13154	(12111417)	500.62585 (12111417)
502.37642	(12111417)	496.91873	(12111417)		
3873257.0	511.73594	(12111417)	517.22273	(12111417)	518.23058 (12111417)
513.57790	(12111417)	499.56289	(13010717)		
3873207.0	534.00664	(12111417)	538.67440	(12111417)	534.12377 (12111417)
529.50015	(13010717)	536.47406	(13010717)		
3873157.0	552.06661	(12111417)	554.68286	(12111417)	553.93849 (13010717)
561.42222	(13010717)	558.23292	(13010717)		
3873107.0	576.04667	(12111417)	582.88176	(13010717)	582.94570 (13010717)
582.50291	(13010717)	575.85968	(13103117)		
3873057.0	613.48385	(13010717)	617.30364	(13010717)	608.08866 (13010717)
613.22768	(13103117)	620.78813	(13103117)		
3873007.0	652.97231	(13010717)	646.85298	(13103117)	652.81467 (13103117)
655.13655	(13103117)	641.99129	(13103117)		
3872957.0	692.94887	(13103117)	695.63918	(13103117)	691.43751 (13103117)
666.21105	(13103117)	643.24197	(09110217)		
3872907.0	748.04800	(13103117)	726.56813	(13103117)	696.52105 (09110217)
674.79625	(09110217)	641.57143	(09110217)		
3872857.0	766.04391	(09110217)	742.17525	(09110217)	707.52366 (09110217)
656.81288	(09110217)	596.34474	(09110217)		
3872807.0	787.83863	(09110217)	731.04518	(09110217)	662.54209 (09110217)
586.99910	(09110217)	512.39545	(09110217)		
3872757.0	748.22222	(09110217)	659.95598	(09110217)	568.41223 (09110217)
480.25065	(09110217)	399.02458	(09030307)		
3872707.0	641.68408	(09110217)	535.92723	(09110217)	438.56984 (09030307)
401.99832	(09030307)	364.43403	(09030307)		
3872657.0	491.02529	(09110217)	438.16223	(09030307)	390.02185 (09030307)
387.46640	(09011407)	392.72248	(09011407)		
3872607.0	534.13459	(09011407)	530.08298	(09011407)	525.03150 (09011407)
516.56433	(09011407)	507.20133	(09011407)		
3872557.0	774.86625	(13121217)	757.92359	(13121217)	740.90127 (13121217)
724.49979	(13121217)	708.22565	(13121217)		

▲ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*\*

\*\*\* 09/09/20

\*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

VALUES FOR SOURCE GROUP: 1001C \*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
INCLUDING SOURCE(S): 1001C ,

GRIDCART \*\*\* \*\*\* NETWORK ID: BORON ; NETWORK TYPE:

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3  
\*\*

Y-COORD | X-COORD (METERS)  
(METERS) | 441457.60

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-----  
3874057.0 | 313.75111 (12122708)  
3874007.0 | 318.73165 (12122708)  
3873957.0 | 326.54807 (09111717)  
3873907.0 | 335.04346 (09111717)  
3873857.0 | 342.02506 (09111717)  
3873807.0 | 354.32673 (12011107)  
3873757.0 | 367.99125 (12011107)  
3873707.0 | 380.51388 (12011107)  
3873657.0 | 389.41019 (12011107)  
3873607.0 | 398.47700 (12011107)  
3873557.0 | 405.49253 (12011107)  
3873507.0 | 427.86928 (12111417)  
3873457.0 | 447.59137 (12111417)  
3873407.0 | 465.58466 (12111417)  
3873357.0 | 477.38245 (12111417)  
3873307.0 | 481.30114 (12111417)  
3873257.0 | 508.50223 (13010717)  
3873207.0 | 535.14314 (13010717)  
3873157.0 | 543.72169 (13010717)  
3873107.0 | 588.46844 (13103117)  
3873057.0 | 614.18174 (13103117)  
3873007.0 | 618.39812 (13103117)  
3872957.0 | 619.25269 (09110217)  
3872907.0 | 595.08509 (09110217)  
3872857.0 | 531.46937 (09110217)  
3872807.0 | 435.30597 (09110217)  
3872757.0 | 370.56191 (09030307)  
3872707.0 | 327.38330 (09030307)  
3872657.0 | 396.56124 (09011407)  
3872607.0 | 496.55523 (09011407)  
3872557.0 | 691.90750 (13121217)

▲ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*\*  
\*\*\* 09/09/20

\*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*

\*\*\* 22:25:03

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: 1001C \*\*\*

INCLUDING SOURCE(S): 1001C ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)
Y-COORD (M)	CONC	(YYMMDDHH)		
439914.00	3872794.00	946.79269	(11112117)	436263.00
3873356.00	188.99829	(12121907)		
435903.00	3873538.00	218.22308	(12121907)	435899.00
3873948.00	218.43075	(10020408)		
442261.30	3871403.00	356.42150	(13021307)	442263.60
3871503.00	384.73341	(09010807)		
442265.80	3871603.00	382.48758	(11121207)	442268.00
3871703.00	292.40020	(11121207)		
442270.30	3871803.00	424.38456	(12022307)	442272.50
3871903.00	491.87811	(12022307)		
442274.70	3872003.00	395.64684	(10012908)	442276.90
3872103.00	524.61244	(12112617)		
442279.20	3872203.00	453.43949	(12112617)	442281.40
3872303.00	544.63479	(09012907)		
442283.60	3872403.00	467.60928	(09111617)	442284.20
3872428.00	498.90723	(09111617)		
442184.30	3872431.00	466.37340	(09111617)	442084.30
3872435.00	502.31381	(09111617)		
441984.40	3872438.00	541.31542	(09111617)	441884.40
3872441.00	585.04385	(09111617)		
441784.50	3872445.00	633.29387	(09111617)	441684.50
3872448.00	687.38554	(09111617)		
441584.60	3872451.00	746.71058	(09111617)	441487.60
3872455.00	811.29466	(09111617)		
441485.00	3872355.00	821.26897	(09012907)	441482.40
3872255.00	796.91148	(12112617)		
441482.30	3872248.00	799.61588	(12112617)	441382.30
3872252.00	880.14205	(12112617)		
441283.60	3872255.00	967.11511	(12112617)	441281.30
3872155.00	902.93621	(12022307)		
441279.00	3872055.00	699.00917	(11121207)	441276.70

3871955.00	713.64314	(09010807)			
441274.30	3871855.00	651.99280	(13111317)		441274.10
3871844.00	643.45646	(13111317)			
441174.10	3871847.00	635.35908	(09120207)		441074.20
3871850.00	629.77768	(09120207)			
440974.20	3871853.00	618.85185	(09120207)		440874.30
3871856.00	607.65609	(13020507)			
440774.30	3871859.00	586.21773	(13022207)		440676.30
3871862.00	592.57937	(13022207)			
440674.00	3871762.00	485.47956	(10021507)		440671.70
3871662.00	442.77303	(13120607)			
440669.30	3871562.00	396.18015	(13120607)		440667.00
3871463.00	323.56189	(12112107)			
440666.80	3871450.00	318.55026	(09103017)		440766.70
3871447.00	341.01980	(13120607)			
440866.70	3871444.00	348.07070	(13120607)		440966.60
3871441.00	347.59251	(10021507)			
441066.60	3871438.00	352.40422	(13022207)		441166.50
3871435.00	362.42075	(13022207)			
441266.50	3871432.00	372.25365	(13022207)		441366.40
3871429.00	391.59549	(13020507)			
441466.40	3871426.00	402.23766	(13020507)		441566.40
3871423.00	404.84871	(12110707)			
441666.30	3871420.00	401.36836	(09120207)		441766.30
3871417.00	397.83848	(09120207)			
441866.20	3871415.00	388.55887	(10031507)		441966.20
3871412.00	374.79699	(13111317)			
442066.10	3871409.00	372.29947	(13111317)		442166.10
3871406.00	351.29803	(13021307)			
440693.20	3872567.00	1674.18423	(09110217)		440695.70
3872667.00	1144.69605	(13103117)			
440696.30	3872690.00	1074.92040	(13103117)		440596.30
3872692.00	1044.57406	(13010717)			
440496.30	3872695.00	1005.55137	(12111417)		440495.40
3872695.00	1005.49596	(12111417)			
440496.80	3872723.00	933.73452	(12111417)		440396.80
3872722.00	896.94199	(12011107)			
440296.80	3872722.00	950.25654	(09012607)		440196.80
3872721.00	980.44924	(09012607)			
440096.80	3872720.00	1064.54302	(11112117)		439996.80
3872720.00	1098.39194	(13120417)			
439896.80	3872719.00	1166.07341	(13120417)		439887.70
3872719.00	1169.26716	(13120417)			
439885.90	3872619.00	1597.92739	(12013117)		439885.10
3872574.00	1857.96759	(12013117)			
439985.10	3872573.00	1850.32958	(12013117)		440085.10
3872572.00	1816.85638	(12013117)			
440185.10	3872571.00	1640.86199	(12013117)		440285.10
3872570.00	1452.71413	(13120417)			

▲ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*\*

\*\*\* 09/09/20  
 \*\*\* AERMET - VERSION 14134 \*\*\*  
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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1001C \*\*\*  
 INCLUDING SOURCE(S): 1001C ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)
Y-COORD (M)	CONC	(YYMMDDHH)		
440385.10	3872570.00	1442.15013	(09110217)	440485.10
3872569.00	1604.71160	(09110217)		
440585.10	3872568.00	1656.09521	(09110217)	440685.10
3872567.00	1674.08725	(09110217)		
440685.70	3872275.00	2355.23463	(12022307)	440688.30
3872375.00	2396.84817	(09012907)		
440690.80	3872475.00	2208.60972	(13121217)	440692.00
3872520.00	2041.59046	(09110217)		
440592.00	3872522.00	2040.12601	(09110217)	440492.00
3872523.00	1968.49543	(09110217)		
440392.00	3872525.00	1881.71132	(09110217)	440292.00
3872526.00	1705.28441	(09110217)		
440192.10	3872528.00	1889.36934	(12013117)	440092.10
3872529.00	2051.35800	(12121907)		
439992.10	3872531.00	2251.23902	(12121907)	439892.10
3872532.00	2437.27791	(12121907)		
439884.50	3872532.00	2449.78009	(12121907)	439883.00
3872432.00	2536.98291	(13121007)		
439881.50	3872332.00	2698.97649	(09113007)	439880.80
3872278.00	2721.79807	(09113007)		
439980.80	3872278.00	2516.10794	(09113007)	440080.80
3872277.00	2246.63150	(09113007)		
440180.80	3872277.00	2043.55402	(09113007)	440280.80
3872277.00	1777.20149	(10102007)		
440380.80	3872276.00	1895.39145	(09010807)	440480.80
3872276.00	2041.70413	(12022307)		
440580.80	3872275.00	2211.77513	(12022307)	440680.80
3872275.00	2349.39012	(12022307)		
437456.80	3871498.00	153.40687	(09112517)	437556.80



3871496.00	147.57491	(10102007)			
	437656.80	3871495.00	168.71809	(10102007)	437756.80
3871494.00	192.81401	(12011217)			
	437856.80	3871492.00	246.50810	(12011217)	437956.80
3871491.00	298.79037	(12011217)			
	438056.80	3871490.00	344.16542	(12011217)	438156.80
3871488.00	375.91498	(12011217)			
	438256.80	3871487.00	388.00313	(12011217)	438356.80
3871486.00	409.34296	(09011517)			
	438456.70	3871484.00	432.43584	(09011517)	438556.70
3871483.00	433.19010	(12112717)			
	438656.70	3871482.00	456.83916	(12112717)	438756.70
3871480.00	446.87753	(12112717)			
	438856.70	3871479.00	410.41164	(12112717)	438956.70
3871478.00	413.81838	(11111017)			
	439056.70	3871476.00	418.86992	(09013007)	439156.70
3871475.00	410.10529	(09013007)			
	439256.70	3871474.00	385.09587	(09013007)	439356.70
3871472.00	368.76343	(09010507)			
	439456.60	3871471.00	366.40448	(09010507)	439556.60
3871470.00	414.68227	(09010207)			
	439656.60	3871468.00	421.10107	(09010207)	439756.60
3871467.00	437.94006	(09010207)			
	439856.60	3871466.00	442.79792	(09010207)	439877.70
3871465.00	441.98855	(09010207)			
	439879.30	3871565.00	481.25102	(09010207)	439880.80
3871665.00	515.21560	(09010207)			
	439882.40	3871765.00	564.70783	(09010207)	439884.00
3871865.00	659.30657	(09010207)			
	439885.60	3871965.00	815.18100	(09010207)	439887.10
3872065.00	970.44224	(09010207)			
	439888.70	3872165.00	1416.00571	(10102007)	439890.30
3872265.00	2423.24714	(09113007)			
	439891.90	3872365.00	2539.82357	(13121007)	439893.40
3872465.00	2472.77875	(13121007)			
	439895.00	3872565.00	1950.47436	(12121907)	439896.60
3872665.00	1322.71848	(12013117)			
	439898.20	3872765.00	1029.74665	(13120417)	439899.80
3872865.00	845.20770	(11112117)			
	439901.30	3872965.00	706.83615	(09012607)	439902.90
3873065.00	637.44946	(09012607)			
	439903.70	3873112.00	603.97934	(09012607)	439803.70
3873113.00	611.10986	(09012607)			
	439703.70	3873114.00	611.12998	(09012607)	439603.70
3873115.00	635.29233	(11112117)			
	439503.70	3873116.00	646.16412	(11112117)	439403.70
3873117.00	646.76393	(11112117)			
	439303.70	3873118.00	660.56711	(13120417)	439203.70
3873120.00	678.90237	(13120417)			
	439103.70	3873121.00	660.40303	(13120417)	439003.70

3873122.00 586.83347 (13120417)  
 ^ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*  
 \*\*\* 09/09/20  
 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*  
 \*\*\* 22:25:03

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1001C \*\*\*  
 INCLUDING SOURCE(S): 1001C ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	X-COORD (M)
Y-COORD (M)	CONC (YYMMDDHH)		
438903.70	3873123.00	581.49350 (12013117)	438803.70
3873124.00	550.68131 (12013117)		
438703.70	3873125.00	563.45948 (13121208)	438603.70
3873126.00	587.04083 (13121208)		
438503.80	3873127.00	573.74649 (13121208)	438403.80
3873128.00	555.36700 (10102917)		
438303.80	3873129.00	513.83666 (10020408)	438203.80
3873130.00	521.53619 (10020408)		
438103.80	3873131.00	507.86735 (10020408)	438003.80
3873132.00	475.84514 (10020408)		
437903.80	3873133.00	486.54004 (12121907)	437803.80
3873134.00	490.64653 (12121907)		
437703.80	3873135.00	481.48411 (12121907)	437603.80
3873137.00	455.80895 (12121907)		
437503.80	3873138.00	426.76650 (12121907)	437449.40
3873138.00	407.66883 (12121907)		
437449.80	3873038.00	286.15591 (12121907)	437450.30
3872938.00	143.15573 (12121907)		
437450.80	3872838.00	160.93432 (12122017)	437451.20
3872738.00	166.42220 (13121007)		
437451.70	3872638.00	348.74575 (13121007)	437452.10
3872538.00	492.23290 (13121007)		
437452.60	3872438.00	478.05270 (13121007)	437453.00
3872338.00	310.87068 (13121007)		
437453.50	3872238.00	347.04209 (11122207)	437453.90
3872138.00	369.17326 (11122207)		
437454.40	3872038.00	451.85495 (09113007)	437454.80

3871938.00	502.01192	(09113007)			
	437455.30	3871838.00	391.75355	(09113007)	437455.70
3871738.00	314.47172	(09112517)			
	437456.20	3871638.00	258.24605	(09112517)	437456.60
3871538.00	183.14102	(09112517)			
	435800.90	3871509.00	180.67879	(09113007)	435900.90
3871509.00	173.00961	(09113007)			
	436000.90	3871509.00	174.25676	(09112517)	436100.90
3871509.00	178.99973	(09112517)			
	436200.90	3871509.00	184.74414	(09112517)	436300.90
3871509.00	189.90302	(09112517)			
	436400.90	3871509.00	194.33175	(09112517)	436500.90
3871509.00	197.88354	(09112517)			
	436600.90	3871509.00	200.48065	(09112517)	436700.90
3871509.00	201.72064	(09112517)			
	436800.90	3871509.00	201.69801	(09112517)	436900.90
3871509.00	200.18493	(09112517)			
	437000.90	3871509.00	197.82991	(09112517)	437100.90
3871509.00	193.66021	(09112517)			
	437200.90	3871510.00	188.25268	(09112517)	437300.90
3871510.00	178.77571	(09112517)			
	437400.90	3871510.00	169.01713	(09112517)	437448.90
3871510.00	163.24297	(09112517)			
	437448.90	3871610.00	238.65729	(09112517)	437448.90
3871710.00	302.08203	(09112517)			
	437448.90	3871810.00	343.37547	(09113007)	437448.90
3871910.00	483.92660	(09113007)			
	437448.90	3872010.00	481.02274	(09113007)	437448.90
3872110.00	361.16528	(11122207)			
	437448.90	3872210.00	359.97655	(11122207)	437448.90
3872310.00	302.66607	(10010817)			
	437448.90	3872410.00	440.16698	(13121007)	437448.90
3872510.00	504.93794	(13121007)			
	437448.90	3872610.00	400.01459	(13121007)	437449.00
3872710.00	212.51069	(13121007)			
	437449.00	3872810.00	158.41589	(12122017)	437449.00
3872910.00	150.74117	(12122017)			
	437449.00	3873010.00	244.47228	(12121907)	437449.00
3873110.00	380.80863	(12121907)			
	437449.00	3873210.00	428.57710	(12121907)	437449.00
3873211.00	428.46784	(12121907)			
	437349.00	3873212.00	409.80893	(12121907)	437249.00
3873213.00	385.83965	(12121907)			
	437149.00	3873215.00	354.02433	(12121907)	437049.00
3873216.00	317.64329	(12121907)			
	436949.00	3873217.00	282.96728	(12121907)	436849.00
3873218.00	249.04312	(12121907)			
	436749.10	3873220.00	217.25501	(12121907)	436649.10
3873221.00	184.67161	(12121907)			
	436549.10	3873222.00	155.24414	(12121907)	436449.10

3873224.00 130.02735 (12121907)  
 436349.10 3873225.00 107.29709 (12121907) 436249.10

3873226.00 87.98098 (12121907)

\*\*\* AERMOD - VERSION 19191 \*\*\* \*\*\*

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\*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1001C \*\*\*  
 INCLUDING SOURCE(S): 1001C ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)
Y-COORD (M)	CONC	(YYMMDDHH)		
436149.10	3873228.00	71.85315	(12121907)	436049.10
3873229.00	73.11871	(12122017)		
435949.10	3873230.00	74.19613	(12122017)	435849.10
3873232.00	74.56992	(12122017)		
435835.80	3873232.00	74.70183	(12122017)	435833.70
3873132.00	85.66855	(12122017)		
435831.70	3873032.00	83.52365	(12122017)	435829.70
3872932.00	69.17051	(09122817)		
435827.70	3872832.00	112.36022	(13121007)	435825.60
3872732.00	188.37056	(13121007)		
435823.60	3872632.00	252.53053	(13121007)	435821.60
3872532.00	267.78633	(13121007)		
435819.60	3872432.00	225.86325	(13121007)	435817.50
3872332.00	152.42246	(13121007)		
435815.50	3872232.00	158.15803	(10010817)	435813.50
3872132.00	174.37697	(11122207)		
435811.50	3872032.00	188.72108	(11122207)	435809.40
3871932.00	181.30611	(11122207)		
435807.40	3871832.00	216.35242	(09113007)	435805.40
3871732.00	259.10836	(09113007)		
435803.40	3871632.00	250.53450	(09113007)	435801.40
3871532.00	196.63135	(09113007)		
435809.00	3873839.00	203.11981	(10020408)	435714.00
3873870.00	198.01599	(10020408)		
435619.00	3873902.00	193.14247	(10020408)	435524.10

3873933.00	185.86949	(10020408)			
435484.00	3873946.00	183.58011	(10020408)		435384.10
3873949.00	175.22041	(12121907)			
435284.10	3873952.00	182.02926	(12121907)		435184.20
3873956.00	185.40901	(12121907)			
435084.20	3873959.00	187.36603	(12121907)		434984.30
3873962.00	187.75136	(12121907)			
434884.30	3873965.00	186.30128	(12121907)		434784.30
3873968.00	182.89446	(12121907)			
434684.40	3873971.00	177.69394	(12121907)		434626.00
3873973.00	174.10555	(12121907)			
434568.80	3873891.00	151.19483	(12121907)		434511.60
3873809.00	114.65724	(12121907)			
434511.00	3873808.00	114.19208	(12121907)		434416.00
3873777.00	90.48536	(12121907)			
434404.00	3873773.00	87.54754	(12121907)		434346.10
3873855.00	111.97477	(12121907)			
434288.20	3873936.00	133.44861	(12121907)		434279.00
3873949.00	136.51061	(12121907)			
434180.20	3873964.00	130.10438	(12121907)		434081.30
3873980.00	124.00890	(12121907)			
434026.00	3873988.00	120.47233	(12121907)		433926.00
3873987.00	109.44340	(12121907)			
433826.00	3873985.00	98.41907	(12121907)		433726.00
3873984.00	88.19522	(12121907)			
433626.00	3873982.00	78.13724	(12121907)		433526.10
3873981.00	68.96217	(12121907)			
433426.10	3873980.00	60.54747	(12121907)		433326.10
3873978.00	52.51923	(12121907)			
433226.10	3873977.00	45.49109	(12121907)		433126.10
3873975.00	38.92933	(12121907)			
433026.10	3873974.00	33.35296	(12121907)		432967.00
3873973.00	30.30092	(12121907)			
432867.60	3873963.00	24.41625	(12121907)		432770.00
3873952.00	24.37323	(12122017)			
432681.60	3873905.00	28.91608	(12122017)		432679.00
3873904.00	29.01922	(12122017)			
432681.20	3873804.00	35.51179	(12122017)		432683.40
3873704.00	40.18890	(12122017)			
432685.70	3873604.00	42.01919	(12122017)		432687.90
3873504.00	40.46066	(12122017)			
432690.10	3873404.00	35.90998	(12122017)		432691.00
3873364.00	33.39981	(12122017)			
432791.00	3873364.00	34.85646	(12122017)		432891.00
3873364.00	36.34259	(12122017)			
432991.00	3873364.00	37.84708	(12122017)		433091.00
3873364.00	39.36574	(12122017)			
433191.00	3873364.00	40.89533	(12122017)		433291.00
3873364.00	42.42639	(12122017)			
433391.00	3873364.00	43.97759	(12122017)		433491.00

3873364.00 45.67680 (12122017)  
 433591.00 3873364.00 47.26980 (12122017) 433691.00  
 3873364.00 48.81463 (12122017)  
 433791.00 3873364.00 50.37577 (12122017) 433891.00  
 3873365.00 51.87508 (12122017)  
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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1001C \*\*\*  
 INCLUDING SOURCE(S): 1001C ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)
Y-COORD (M)	CONC	(YYMMDDHH)		
433991.00	3873365.00	53.20394	(12122017)	434091.00
3873365.00	54.47580	(12122017)		
434191.00	3873365.00	55.81260	(12122017)	434291.00
3873365.00	56.95614	(12122017)		
434391.00	3873365.00	58.08114	(12122017)	434491.00
3873365.00	58.85628	(12122017)		
434591.00	3873365.00	59.49958	(12122017)	434691.00
3873365.00	59.95569	(12122017)		
434791.00	3873365.00	60.34949	(12122017)	434891.00
3873365.00	60.53866	(12122017)		
434991.00	3873365.00	60.23691	(12122017)	435091.00
3873365.00	60.06923	(12122017)		
435191.00	3873365.00	59.55763	(12122017)	435291.00
3873365.00	58.48975	(12122017)		
435391.00	3873365.00	57.07973	(12122017)	435491.00
3873365.00	55.62420	(12122017)		
435591.00	3873365.00	62.46087	(12121907)	435691.00
3873365.00	75.74585	(12121907)		
435791.00	3873365.00	91.16063	(12121907)	435836.00
3873365.00	98.87400	(12121907)		
435830.30	3873465.00	161.45476	(12121907)	435824.60
3873565.00	216.46360	(12121907)		
435818.90	3873665.00	239.90941	(12121907)	435813.30

3873764.00	221.95808	(12121907)			
	433343.00	3874839.00	124.70081	(10020408)	433243.10
3874835.00	124.52106	(10020408)			
	433143.20	3874831.00	122.44469	(10020408)	433043.30
3874827.00	118.50405	(10020408)			
	432943.30	3874823.00	113.12467	(10020408)	432843.40
3874819.00	106.46824	(10020408)			
	432809.00	3874817.00	103.94353	(10020408)	432808.50
3874717.00	106.99036	(12121907)			
	432807.90	3874617.00	121.72670	(12121907)	432807.40
3874517.00	125.30728	(12121907)			
	432807.00	3874449.00	120.61511	(12121907)	432707.00
3874448.00	115.38089	(12121907)			
	432675.00	3874448.00	113.58298	(12121907)	432675.30
3874348.00	94.96258	(12121907)			
	432675.70	3874248.00	71.78850	(12121907)	432676.00
3874164.00	52.48889	(12121907)			
	432754.00	3874129.00	49.63497	(12121907)	432853.50
3874119.00	53.61120	(12121907)			
	432953.00	3874109.00	57.99534	(12121907)	432999.00
3874104.00	60.06497	(12121907)			
	433099.00	3874105.00	67.86139	(12121907)	433199.00
3874105.00	76.05392	(12121907)			
	433299.00	3874106.00	84.95715	(12121907)	433399.00
3874106.00	93.78530	(12121907)			
	433499.00	3874107.00	103.22357	(12121907)	433599.00
3874107.00	112.60018	(12121907)			
	433699.00	3874108.00	122.08117	(12121907)	433799.00
3874108.00	131.14112	(12121907)			
	433899.00	3874109.00	139.82607	(12121907)	433999.00
3874109.00	147.66255	(12121907)			
	434099.00	3874110.00	154.67535	(12121907)	434169.00
3874110.00	158.80417	(12121907)			
	434176.00	3874210.00	156.05954	(12121907)	434183.00
3874310.00	134.32555	(12121907)			
	434190.00	3874409.00	142.06188	(10020408)	434197.00
3874509.00	147.68233	(10020408)			
	434204.00	3874609.00	134.88277	(10020408)	434211.00
3874709.00	130.95552	(10102917)			
	434217.90	3874808.00	144.30921	(10102917)	434218.00
3874809.00	144.36827	(10102917)			
	434118.10	3874813.00	138.96045	(10102917)	434018.10
3874816.00	131.73568	(10102917)			
	433918.20	3874819.00	123.13566	(10102917)	433818.20
3874823.00	113.61630	(10102917)			
	433718.30	3874826.00	114.28204	(10020408)	433618.30
3874830.00	118.75876	(10020408)			
	433518.40	3874833.00	122.13750	(10020408)	433418.50
3874837.00	123.95658	(10020408)			

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1002  
 INCLUDING SOURCE(S): 1002 ,

\*\*\* NETWORK ID: COURSE ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

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Y-COORD			X-COORD (METERS)
(METERS)	430733.00	431233.00	431733.00
432233.00	432733.00		

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3879761.0	51.83680 (11112117)	27.53601 (11112117)	27.36402 (10012807)
42.32187 (09012607)	53.94737 (09012607)		
3879261.0	53.52560 (11112117)	55.59344 (11112117)	45.29336 (11112117)
29.27792 (11112117)	48.12905 (09012607)		
3878761.0	43.48641 (11112117)	55.65029 (11112117)	56.96659 (11112117)
47.38393 (11112117)	35.01459 (09012607)		
3878261.0	43.82225 (13120417)	44.58703 (11112117)	58.24160 (11112117)
59.96989 (11112117)	50.83644 (11112117)		
3877761.0	57.79745 (13120417)	52.16954 (13120417)	44.55091 (11112117)
59.46113 (11112117)	63.46252 (11112117)		
3877261.0	52.68560 (13120417)	61.25686 (13120417)	59.65076 (13120417)
48.57222 (13120417)	61.49418 (11112117)		
3876761.0	51.15136 (12013117)	49.32127 (13120417)	62.28513 (13120417)
66.19626 (13120417)	58.59502 (13120417)		
3876261.0	51.78469 (12013117)	56.83354 (12013117)	56.35090 (12013117)
60.81992 (13120417)	71.58272 (13120417)		
3875761.0	55.87816 (13121208)	54.67095 (13121208)	58.10569 (12013117)
63.83366 (12013117)	62.66902 (12013117)		
3875261.0	53.23787 (10020408)	57.87835 (10102917)	61.78889 (13121208)
62.65791 (13121208)	66.39199 (12013117)		
3874761.0	58.05430 (12121907)	58.19869 (12121907)	60.26594 (10020408)
63.24865 (10102917)	67.79826 (13121208)		
3874261.0	54.74132 (12121907)	59.99729 (12121907)	64.50316 (12121907)
67.44014 (12121907)	70.08271 (12121907)		
3873761.0	31.33666 (12121907)	41.94985 (12121907)	52.25307 (12121907)
61.14284 (12121907)	68.30373 (12121907)		
3873261.0	40.13266 (13121007)	41.15224 (13121007)	41.54420 (13121007)



42.05567 (13121007)	43.59858 (12121907)		
3872761.0   57.41798 (13121007)	59.87935 (13121007)	62.67244 (13121007)	
65.35402 (13121007)	69.06115 (13121007)		
3872261.0   55.14167 (13121007)	58.08733 (13121007)	61.12459 (13121007)	
64.74700 (13121007)	68.68115 (13121007)		
3871761.0   51.62891 (11122207)	54.82344 (11122207)	58.12047 (11122207)	
61.18618 (11122207)	65.43825 (11122207)		
3871261.0   55.26408 (09113007)	58.78745 (09113007)	62.34129 (09113007)	
65.14480 (09113007)	69.03365 (09113007)		
3870761.0   54.22325 (09113007)	55.00956 (09113007)	56.30575 (09113007)	
57.44012 (09112517)	59.21977 (09112517)		
3870261.0   43.46571 (09112517)	42.82973 (09112517)	41.01285 (09112517)	
38.56355 (09112517)	35.96387 (10102007)		
3869761.0   24.70103 (09112517)	25.08042 (10102007)	32.54889 (10102007)	
39.26455 (10102007)	45.30193 (10102007)		
3869261.0   28.37714 (12011217)	34.52860 (12011217)	38.91940 (12011217)	
43.83978 (10102007)	43.73403 (09011517)		
3868761.0   35.53930 (12011217)	35.88546 (10102007)	39.75888 (09011517)	
41.14555 (12112717)	43.80411 (12112717)		
3868261.0   36.75046 (09011517)	36.98327 (12112717)	40.77246 (12112717)	
41.04020 (12122817)	40.42614 (11111017)		
3867761.0   38.94306 (12112717)	37.79110 (12112717)	37.51986 (12122817)	
38.17524 (11111017)	41.25822 (09013007)		
3867261.0   35.84614 (12122817)	34.87654 (11111017)	35.51941 (09013007)	
38.97264 (09013007)	36.03481 (09013007)		
3866761.0   33.83744 (11111017)	35.56757 (09013007)	37.48033 (09013007)	
32.64682 (09013007)	26.32884 (09010507)		
3866261.0   37.03760 (09013007)	34.40509 (09013007)	29.10551 (09013007)	
24.02633 (09010507)	33.65431 (09010507)		
3865761.0   33.48853 (09013007)	25.52458 (09013007)	21.91147 (09010507)	
30.86474 (09010507)	35.07108 (09010507)		
3865261.0   22.12240 (09013007)	19.77628 (09010507)	28.33217 (09010507)	
32.95409 (09010507)	32.98767 (09123117)		
3864761.0   17.78308 (09010507)	26.05125 (09010507)	30.80710 (09010507)	
31.06360 (09123117)	30.98209 (10012008)		

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1002 \*\*\*  
 INCLUDING SOURCE(S): 1002 ,

\*\*\* NETWORK ID: COURSE ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD				X-COORD (METERS)
(METERS)	433233.00		433733.00	434233.00
434733.00		435233.00		

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3879761.0	54.92950 (09012607)	54.92756 (12110107)	53.93055 (13123017)
54.53108 (13123017)	52.05682 (13110817)		
3879261.0	57.47979 (09012607)	57.72371 (12110107)	55.97360 (12110107)
56.62517 (13123017)	54.85969 (13123017)		
3878761.0	54.16071 (09012607)	59.94147 (09012607)	59.53133 (12110107)
57.91556 (13123017)	59.17418 (13123017)		
3878261.0	42.16804 (09012607)	59.95401 (09012607)	63.51649 (09012607)
62.11112 (12110107)	63.81651 (13123017)		
3877761.0	55.04295 (11112117)	50.68852 (09012607)	65.11577 (09012607)
65.55135 (09012607)	63.62863 (12110107)		
3877261.0	67.88859 (11112117)	60.19188 (11112117)	58.94297 (09012607)
69.45570 (09012607)	68.10040 (09012607)		
3876761.0	63.92439 (11112117)	72.79874 (11112117)	65.52963 (11112117)
66.00256 (09012607)	71.77016 (09012607)		
3876261.0	69.33245 (13120417)	66.89362 (11112117)	77.94065 (11112117)
71.20918 (11112117)	73.76417 (09012607)		
3875761.0	74.09182 (13120417)	79.77096 (13120417)	68.83386 (11112117)
83.68250 (11112117)	77.61497 (11112117)		
3875261.0	72.33506 (12013117)	72.80684 (13120417)	86.44260 (13120417)
81.95899 (13120417)	90.68510 (11112117)		
3874761.0	71.41762 (13121208)	76.26115 (12013117)	82.81842 (12013117)
90.99501 (13120417)	98.78818 (13120417)		
3874261.0	69.94801 (10020408)	75.71663 (10102917)	82.34429 (13121208)
91.15756 (12013117)	101.26822 (12013117)		
3873761.0	74.19986 (12121907)	79.67162 (12121907)	85.61372 (12121907)
91.27131 (12121907)	98.96253 (13121208)		
3873261.0	57.66023 (12121907)	70.59219 (12121907)	82.10914 (12121907)
92.33463 (12121907)	103.55405 (12121907)		
3872761.0	73.30922 (13121007)	78.24125 (13121007)	84.53602 (13121007)
92.79704 (13121007)	104.19038 (13121007)		
3872261.0	73.05623 (13121007)	78.13966 (13121007)	84.94771 (13121007)
93.31376 (13121007)	104.90548 (13121007)		
3871761.0	71.68759 (09113007)	77.77808 (09113007)	85.09628 (09113007)
94.35018 (09113007)	105.63494 (09113007)		
3871261.0	73.39264 (09113007)	78.02085 (09113007)	84.61965 (09113007)
91.86755 (09113007)	100.84209 (09113007)		
3870761.0	60.35874 (09112517)	60.19661 (09112517)	58.53730 (09112517)
70.84801 (10102007)	85.75168 (10102007)		
3870261.0	46.25112 (10102007)	55.35899 (10102007)	63.53341 (10102007)
68.56654 (10102007)	71.30769 (12112717)		
3869761.0	51.16098 (10102007)	52.94854 (10102007)	55.86124 (12112717)

60.60527 (12122817)	65.85562 (09013007)		
3869261.0   47.06099 (12112717)	50.48207 (12122817)	50.99876 (11111017)	
57.87688 (09013007)	56.32253 (09013007)		
3868761.0   45.01710 (12122817)	45.97950 (11111017)	51.28840 (09013007)	
47.28848 (09013007)	55.37271 (09010507)		
3868261.0   43.42850 (09013007)	45.57815 (09013007)	40.19354 (09013007)	
49.59184 (09010507)	50.97363 (09010507)		
3867761.0   40.50340 (09013007)	33.94144 (09013007)	44.44651 (09010507)	
46.57862 (09010507)	43.07931 (09123117)		
3867261.0   29.28591 (09010507)	40.21917 (09010507)	43.24507 (09010507)	
41.63289 (09123117)	32.34620 (09010207)		
3866761.0   36.70648 (09010507)	40.25712 (09010507)	39.42469 (09123117)	
27.62050 (13010208)	10.62592 (13010208)		
3866261.0   37.59273 (09010507)	37.89073 (09123117)	32.04232 (13010208)	
12.51357 (13010208)	6.10531 (09012908)		
3865761.0   35.00679 (09123117)	33.12575 (13010208)	17.59936 (13010208)	
4.98496 (13020117)	4.49341 (11121209)		
3865261.0   33.01452 (13010208)	25.75776 (13010208)	9.39601 (09020607)	
4.30701 (09121009)	4.56192 (11121209)		
3864761.0   31.00146 (09020607)	20.47639 (09010207)	6.25495 (11120917)	
4.44831 (11121209)	4.55366 (11121209)		

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\*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

VALUES FOR SOURCE GROUP: 1002 \*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION \*\*\*

INCLUDING SOURCE(S): 1002 ,

\*\*\* NETWORK ID: COURSE ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD		X-COORD (METERS)
(METERS)	435733.00	436233.00
	437233.00	437733.00

3879761.0	52.90032 (13110817)	51.06583 (13110817)	49.09359 (13010917)
50.75680 (09121717)	50.45528 (11112407)		
3879261.0	55.12632 (13110817)	32.22483 (13110817)	20.61494 (12032707)
18.37213 (09102117)	50.51566 (11112407)		
3878761.0	54.21590 (09122317)	32.06479 (12032707)	37.59487 (13110817)

31.33789 (09102117)	44.36260 (11112407)		
3878261.0   62.85917 (13123017)	43.38280 (13110817)	60.82289 (13110817)	
52.74616 (13010917)	56.09801 (11112407)		
3877761.0   64.17909 (13123017)	63.60359 (09122317)	49.00536 (13110817)	
47.43968 (13010917)	48.85315 (11112407)		
3877261.0   66.75737 (13123017)	67.68672 (13123017)	66.89761 (09122317)	
64.97032 (13110817)	69.46490 (11112407)		
3876761.0   70.91803 (12110107)	71.44707 (13123017)	70.90322 (13123017)	
74.34432 (13110817)	74.51883 (11112407)		
3876261.0   76.67560 (09012607)	75.58569 (12110107)	76.03855 (13123017)	
78.28967 (09122317)	77.32220 (11112407)		
3875761.0   80.47368 (09012607)	81.91688 (09012607)	81.62706 (12110107)	
83.08793 (13123017)	81.75968 (13110817)		
3875261.0   86.77938 (11112117)	89.60346 (09012607)	91.26051 (09012607)	
89.98557 (13123017)	88.78362 (09122317)		
3874761.0   101.32710 (11112117)	100.76158 (11112117)	101.09510 (09012607)	
101.18160 (09012607)	99.27257 (13123017)		
3874261.0   118.20457 (13120417)	117.71133 (11112117)	120.29702 (11112117)	
117.51893 (09012607)	114.96502 (12110107)		
3873761.0   117.61375 (12013117)	134.67326 (12013117)	153.69725 (13120417)	
153.77552 (11112117)	148.96160 (09012607)		
3873261.0   117.47905 (12121907)	136.74349 (12121907)	174.37820 (12013117)	
233.20615 (13120417)	226.10644 (11112117)		
3872761.0   119.72117 (13121007)	140.54086 (12121907)	172.80687 (12121907)	
234.74778 (12121907)	279.25744 (12013117)		
3872261.0   120.76217 (13121007)	142.16982 (13121007)	176.28592 (09113007)	
243.49775 (09113007)	284.77120 (12121907)		
3871761.0   121.18118 (09113007)	144.01091 (09113007)	178.92573 (09113007)	
249.20795 (09113007)	297.73428 (09113007)		
3871261.0   109.80997 (09113007)	124.43894 (10102007)	160.61527 (10102007)	
181.66026 (10102007)	154.98661 (09010207)		
3870761.0   98.81029 (10102007)	104.35741 (10102007)	107.81259 (09013007)	
97.77390 (09010207)	83.33767 (09010207)		
3870261.0   76.59812 (11111017)	83.59934 (09013007)	88.52640 (09010207)	
93.83692 (09010207)	69.42758 (09010207)		
3869761.0   67.94362 (09013007)	71.63598 (09010507)	81.37405 (09010207)	
66.56856 (09010207)	24.39010 (09121117)		
3869261.0   62.53618 (09010507)	68.49989 (09010207)	54.32663 (09010207)	
25.48027 (09010207)	11.82639 (09100107)		
3868761.0   55.59182 (09010507)	56.15692 (09010207)	26.35925 (09010207)	
13.64953 (09100107)	10.88206 (09100107)		
3868261.0   48.66359 (09010207)	28.53496 (09010207)	10.96042 (10101507)	
8.89302 (09100107)	5.02327 (09100107)		
3867761.0   24.93611 (09010207)	9.85493 (09012908)	6.81689 (09012908)	
5.45385 (09100107)	4.42773 (10030508)		
3867261.0   12.86789 (09020607)	7.05433 (09012908)	5.02989 (09100107)	
4.42767 (09090207)	4.36390 (09090207)		
3866761.0   6.13417 (09012908)	4.64968 (11121209)	4.39781 (09090207)	
4.39725 (09090207)	4.47915 (10030508)		
3866261.0   4.67011 (11121209)	4.41224 (11121209)	4.41537 (09090207)	

4.46125 (10030508)	4.46121 (10030508)		
3865761.0	4.53105 (11121209)	4.11083 (11121209)	4.43695 (09090207)
4.48038 (10030508)	4.43368 (10030508)		
3865261.0	4.40518 (11121209)	4.23128 (09090207)	4.45955 (09090207)
4.49885 (10030508)	4.40033 (10030508)		
3864761.0	4.11594 (11121209)	4.34938 (09090207)	4.44310 (09090207)
4.50755 (10030508)	4.39113 (12041607)		

^ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*\*  
                                   \*\*\*          09/09/20  
 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*  
                                   \*\*\*          22:25:03

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1002 \*\*\*

INCLUDING SOURCE(S): 1002 ,

\*\*\* NETWORK ID: COURSE ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD			X-COORD (METERS)
(METERS)	438233.00	438733.00	439233.00
439733.00	440233.00		

3879761.0	46.20724 (11112407)	39.10766 (11112407)	32.23028 (12111517)
24.22585 (09020308)	19.10902 (09012717)		
3879261.0	39.68727 (11112407)	43.75964 (11112407)	34.55185 (12111517)
26.24065 (09020308)	21.30680 (12012417)		
3878761.0	53.75179 (11112407)	46.72882 (11112407)	35.53698 (12111517)
31.10571 (10022507)	26.60958 (12012417)		
3878261.0	59.92543 (11112407)	56.26330 (11112407)	46.57931 (11112407)
37.69276 (09021007)	34.40285 (09122808)		
3877761.0	65.05021 (11112407)	63.52912 (11112407)	56.13213 (11112407)
44.08903 (09021007)	35.79455 (09122808)		
3877261.0	69.54208 (11112407)	69.22285 (11112407)	64.64132 (11112407)
49.24414 (09021007)	46.87424 (09021007)		
3876761.0	74.21227 (11112407)	74.64860 (11112407)	70.96259 (11112407)
51.63150 (09021007)	36.52442 (12012417)		
3876261.0	78.53199 (11112407)	80.84546 (11112407)	62.66755 (11112407)
46.60638 (09122808)	55.38360 (11110817)		
3875761.0	88.27380 (11112407)	86.01867 (11112407)	43.05761 (12111517)
62.35374 (09021007)	67.38110 (11110817)		
3875261.0	95.71745 (11112407)	90.19510 (11112407)	50.52162 (13012408)

40.83082 (10102517)	78.12946 (11122017)		
3874761.0   105.83330 (13110817)	110.36235 (11112407)	41.00286 (13012408)	
28.88466 (12013017)	89.55126 (11122017)		
3874261.0   113.17520 (13123017)	123.70243 (11112407)	99.20857 (11112407)	
105.26098 (11122017)	108.36758 (12011107)		
3873761.0   141.05708 (12110107)	134.11741 (09122317)	138.40998 (11112407)	
132.19272 (12011107)	136.75761 (12111417)		
3873261.0   213.25282 (09012607)	198.68231 (13123017)	192.94319 (11112407)	
198.37426 (12111417)	188.39134 (13103117)		
3872761.0   259.09496 (13120417)	226.03636 (09012607)	222.97069 (13010717)	
254.98805 (09110217)	161.50174 (09110217)		
3872261.0   270.10606 (12013117)	216.50735 (12013117)	163.75787 (09110217)	
144.47119 (12022307)	122.85216 (12022307)		
3871761.0   161.23772 (10102007)	98.86937 (09010207)	84.72597 (13012117)	
86.95248 (13111317)	88.15527 (10030107)		
3871261.0   113.13711 (09010207)	107.30503 (09010207)	62.62316 (13022207)	
68.43435 (13012117)	72.00128 (10031507)		
3870761.0   47.49209 (09010207)	44.20486 (09103017)	53.49589 (13120607)	
41.28403 (13022207)	39.72099 (13012117)		
3870261.0   43.29451 (09010207)	28.15349 (12120608)	30.39177 (09103017)	
44.98035 (09010608)	24.29090 (09010608)		
3869761.0   19.94564 (09121117)	22.43694 (09121117)	22.44844 (09103017)	
24.14757 (09103017)	28.24522 (09010608)		
3869261.0   10.26484 (09100107)	16.22538 (09121117)	16.15251 (09121117)	
16.31418 (12120608)	19.05035 (09103017)		
3868761.0   8.88600 (09100107)	11.41003 (09100107)	11.45784 (09121117)	
11.07793 (12120608)	14.61450 (12120608)		
3868261.0   4.90016 (12091907)	8.01294 (09100107)	8.21436 (09121117)	
8.36936 (11121307)	11.57261 (12120608)		
3867761.0   4.88516 (12091907)	6.76652 (09100107)	6.55596 (11121307)	
7.24867 (09021608)	8.27681 (12120608)		
3867261.0   4.85639 (12091907)	5.82779 (09100107)	5.40182 (11121307)	
6.22647 (09021608)	6.92562 (09021608)		
3866761.0   4.93437 (12091907)	5.00584 (12091907)	5.03110 (12091907)	
4.91308 (11121307)	6.15393 (09021608)		
3866261.0   4.90021 (12091907)	4.95855 (12091907)	4.97503 (12091907)	
4.22806 (12091907)	5.19365 (09021608)		
3865761.0   4.84797 (12091907)	4.88355 (12091907)	4.91596 (12091907)	
4.15370 (12091907)	4.25435 (11102708)		
3865261.0   4.85377 (12091907)	4.89472 (12091907)	4.86368 (12091907)	
4.09728 (12091907)	4.01213 (13071707)		
3864761.0   4.84655 (12091907)	4.89515 (12091907)	4.86693 (12091907)	
4.07490 (12091907)	3.95849 (09112309)		

▲ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*

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\*\*\* AERMET - VERSION 14134 \*\*\* \*\*

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

VALUES FOR SOURCE GROUP: 1002 \*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 INCLUDING SOURCE(S): 1002 ,

GRIDCART \*\*\* \*\* NETWORK ID: COURSE ; NETWORK TYPE:

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

Y-COORD			X-COORD (METERS)
(METERS)	440733.00	441233.00	441733.00
442233.00	442733.00		

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-----			
3879761.0	15.23893 (12012417)	14.05906 (12013017)	12.51183 (12013017)
8.34496 (12013017)	7.37023 (13012409)		
3879261.0	17.41566 (12012417)	15.61847 (12013017)	14.12377 (12013017)
9.64910 (12013017)	7.34915 (13012409)		
3878761.0	22.28202 (12012417)	18.84071 (10102517)	16.77215 (12013017)
11.71425 (12013017)	7.51414 (10012708)		
3878261.0	28.50245 (12012417)	23.39643 (10102517)	19.53176 (10102517)
15.35405 (10102517)	11.11612 (12122708)		
3877761.0	25.01566 (12012417)	28.37227 (11110817)	28.75348 (11122017)
22.93640 (12122708)	17.05573 (09111717)		
3877261.0	37.41395 (11110817)	36.53951 (11122017)	37.71812 (11122017)
34.59347 (09111717)	28.86563 (12011107)		
3876761.0	46.06705 (11110817)	49.18027 (11122017)	46.82505 (09111717)
43.51134 (12011107)	40.78159 (12011107)		
3876261.0	56.87662 (11122017)	46.77621 (12122708)	27.47795 (09111717)
43.58895 (12011107)	50.70548 (12111417)		
3875761.0	64.21031 (11122017)	14.95915 (09012708)	14.52268 (10012817)
45.51312 (12111417)	63.43765 (12111417)		
3875261.0	77.88931 (09111717)	73.66820 (12011107)	66.15179 (12111417)
72.05112 (12111417)	74.37402 (13010717)		
3874761.0	93.41452 (12011107)	92.54473 (12011107)	88.90140 (12111417)
85.80223 (13010717)	80.71431 (13103117)		
3874261.0	110.49635 (12011107)	105.64453 (13010717)	97.57366 (13103117)
87.48762 (13103117)	76.19059 (09110217)		
3873761.0	134.41999 (13010717)	117.65427 (13103117)	94.93221 (09110217)
74.18950 (09110217)	53.32207 (09110217)		
3873261.0	133.65597 (09110217)	99.15851 (09110217)	69.66688 (09110217)
55.03070 (13121217)	54.52022 (13121217)		
3872761.0	112.43586 (13121217)	94.11869 (13121217)	80.97235 (13121217)
70.93279 (13121217)	64.48124 (13121217)		
3872261.0	99.93002 (12112617)	88.08505 (09012907)	75.84454 (09012907)
62.83993 (09012907)	58.87133 (09012907)		
3871761.0	76.81700 (12022307)	72.91241 (12022307)	67.76393 (12022307)

56.90645 (12112617)	49.26017 (12112617)		
3871261.0   62.94621 (13111317)	57.09994 (11121207)	53.72932 (11121207)	
47.48925 (12022307)	39.64479 (10012908)		
3870761.0   44.80527 (13012117)	42.78431 (13111317)	32.79640 (11121207)	
37.25184 (11121207)	32.50959 (11121207)		
3870261.0   27.45387 (13012117)	30.44706 (13012117)	22.05228 (10031507)	
17.20502 (10012617)	19.26837 (10012617)		
3869761.0   16.43245 (12112808)	17.50216 (12112808)	15.65542 (12112808)	
13.44955 (09011317)	9.54355 (10012617)		
3869261.0   13.97414 (09010608)	12.41018 (12112808)	13.05405 (12112808)	
12.08164 (12112808)	10.36538 (10012707)		
3868761.0   14.59874 (12120608)	8.85258 (13030807)	8.51232 (12112808)	
10.16731 (12112808)	10.30063 (12112808)		
3868261.0   12.80554 (12120608)	11.23981 (09103017)	8.48165 (09020508)	
9.03515 (12112808)	9.78063 (12112808)		
3867761.0   9.72614 (12120608)	9.56859 (09103017)	9.28486 (09010608)	
8.67951 (09020508)	9.37128 (12112808)		
3867261.0   7.57761 (12011117)	7.94920 (12011117)	7.94364 (12011117)	
7.63262 (13030807)	8.19994 (09020508)		
3866761.0   6.36038 (09021608)	6.40732 (09021608)	6.64945 (13030807)	
7.02173 (13030807)	6.47061 (13030807)		
3866261.0   5.66017 (09021608)	5.86076 (09021608)	5.60809 (10040707)	
6.21362 (13030807)	6.31274 (13030807)		
3865761.0   4.97133 (09021608)	5.30148 (09021608)	5.24940 (09021608)	
5.74227 (10040707)	5.78391 (10040707)		
3865261.0   4.51194 (11102708)	4.82106 (09021608)	5.02252 (09021608)	
5.37584 (10040707)	5.78453 (10040707)		
3864761.0   4.36805 (11102708)	4.56079 (11102708)	4.73266 (12011009)	
4.85789 (12011009)	5.60324 (10040707)		

▲ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*  
\*\*\* \*\* 09/09/20  
\*\*\* AERMET - VERSION 14134 \*\*\* \*\*  
\*\*\* \*\* 22:25:03

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: 1002 \*\*\*  
INCLUDING SOURCE(S): 1002 ,

\*\*\* NETWORK ID: COURSE ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD		X-COORD (METERS)
(METERS)	443233.00	443733.00
	444733.00	444233.00
		445233.00



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3879761.0	6.84098 (13012409)	6.07539 (10012708)	5.41942 (12021408)
6.84987 (10012817)	7.60277 (10012817)		
3879261.0	6.89823 (10012708)	6.38521 (12021408)	7.14997 (10012817)
8.13931 (10012817)	7.96102 (10012817)		
3878761.0	6.30726 (12021408)	8.30523 (10012817)	8.76904 (10012817)
8.50876 (10012817)	8.07282 (12031307)		
3878261.0	7.88752 (10012817)	9.73169 (10012817)	9.20954 (10012817)
9.97013 (12111417)	13.09686 (12111417)		
3877761.0	12.05305 (12011107)	11.04647 (12011107)	11.29533 (12111417)
17.27176 (12111417)	20.07522 (11100607)		
3877261.0	22.24045 (12011107)	18.25466 (12111417)	19.04763 (11100607)
27.51026 (11100607)	24.97362 (13010717)		
3876761.0	34.44767 (12111417)	29.58788 (12111417)	31.64263 (11100607)
35.21610 (13010717)	28.64160 (13010717)		
3876261.0	45.32402 (12111417)	40.57016 (11100607)	42.76783 (13010717)
40.43782 (13103117)	33.11297 (13103117)		
3875761.0	57.69503 (13010717)	55.57560 (13010717)	54.96861 (13103117)
44.74356 (09110217)	43.25092 (09110217)		
3875261.0	66.43352 (13103117)	66.28943 (13103117)	59.75938 (09110217)
52.49071 (09110217)	39.77579 (09110217)		
3874761.0	72.27343 (09110217)	63.49372 (09110217)	49.74095 (09110217)
35.72812 (09110217)	31.53653 (09030307)		
3874261.0	60.36525 (09110217)	43.24494 (09110217)	34.96103 (09030307)
30.21459 (09030307)	24.63696 (09030307)		
3873761.0	38.81463 (09030307)	32.00967 (09030307)	26.24709 (09011407)
27.78862 (09011407)	28.30936 (09011407)		
3873261.0	53.05381 (13121217)	51.20813 (13121217)	49.36904 (13121217)
47.49796 (13121217)	45.66689 (13121217)		
3872761.0	59.34274 (13121217)	54.33774 (13121217)	50.78474 (13121217)
48.04149 (13121217)	46.85035 (13121217)		
3872261.0	54.34500 (09012907)	49.53524 (09012907)	44.39761 (09012907)
42.89804 (09012907)	44.49997 (09012907)		
3871761.0	45.03977 (12112617)	41.99881 (12112617)	36.13243 (12112617)
38.71398 (12112617)	41.31604 (09012907)		
3871261.0	34.82865 (10012908)	33.97237 (10012908)	29.49087 (10012908)
31.84765 (12112617)	35.67694 (12112617)		
3870761.0	24.02532 (10012908)	24.20648 (10012908)	24.36138 (10012908)
24.46862 (10012908)	28.84366 (10012908)		
3870261.0	20.27923 (11121207)	20.30842 (11121207)	19.88151 (11121207)
17.89444 (10012908)	16.80804 (10012908)		
3869761.0	14.61110 (10012617)	15.91021 (10012617)	16.58981 (10012617)
13.60849 (10012617)	9.38752 (10012617)		
3869261.0	9.63905 (09011317)	8.69694 (10012617)	12.14743 (10012617)
13.62173 (10012617)	12.22775 (10012617)		
3868761.0	9.33712 (10012707)	8.54613 (10012707)	9.92756 (10031507)
7.89253 (10012617)	9.03452 (10012617)		
3868261.0	10.29373 (12112808)	8.71809 (09011317)	9.66909 (09011317)

6.95688 (13030507)	6.36697 (09011607)	7.91531 (09011317)
3867761.0   9.73941 (12112808)	10.31861 (12112808)	
7.94949 (10012707)	6.04597 (10012707)	
3867261.0   8.96340 (12112808)	9.73663 (12112808)	9.41718 (12112808)
6.94055 (12112808)	6.85914 (10012707)	
3866761.0   7.33597 (09020508)	7.91324 (12112808)	9.07017 (12112808)
8.41261 (12112808)	6.13708 (12112808)	
3866261.0   5.20710 (09020508)	6.73580 (09020508)	7.22660 (12112808)
8.04755 (12112808)	7.09011 (12112808)	
3865761.0   5.42742 (13030807)	4.87571 (09020508)	6.07419 (09020508)
6.31767 (12112808)	7.03375 (12112808)	
3865261.0   5.50692 (10040707)	4.67140 (13030807)	4.73972 (12102908)
5.34242 (12102908)	5.52802 (12112808)	
3864761.0   5.73656 (10040707)	4.96911 (10040707)	3.83156 (13030807)
4.79037 (12102908)	5.25203 (12102908)	

^ \*\*\* AERMOD - VERSION 19191 \*\*\*  
 \*\*\* 09/09/20  
 \*\*\* AERMET - VERSION 14134 \*\*\*  
 \*\*\* 22:25:03

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1002  
 INCLUDING SOURCE(S): 1002 ,

\*\*\* NETWORK ID: COURSE ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD | X-COORD (METERS)  
 (METERS) | 445733.00

3879761.0 | 7.33877 (10012817)  
 3879261.0 | 7.77235 (12031307)  
 3878761.0 | 12.05092 (12111417)  
 3878261.0 | 17.76416 (11100607)  
 3877761.0 | 20.63459 (11100607)  
 3877261.0 | 24.36809 (13010717)  
 3876761.0 | 31.16646 (13103117)  
 3876261.0 | 38.50096 (09110217)  
 3875761.0 | 41.14188 (09110217)  
 3875261.0 | 27.63179 (09110217)  
 3874761.0 | 28.31135 (09030307)  
 3874261.0 | 18.50251 (09030307)

3873761.0 | 28.56122 (09011407)  
 3873261.0 | 43.73570 (13121217)  
 3872761.0 | 45.95797 (13121217)  
 3872261.0 | 44.19359 (09012907)  
 3871761.0 | 41.48489 (09012907)  
 3871261.0 | 37.21743 (12112617)  
 3870761.0 | 28.69037 (10012908)  
 3870261.0 | 18.43931 (10012908)  
 3869761.0 | 10.88858 (11121207)  
 3869261.0 | 11.92598 (10012617)  
 3868761.0 | 11.41226 (10012617)  
 3868261.0 | 5.37674 (10012617)  
 3867761.0 | 4.76720 (09011607)  
 3867261.0 | 6.07529 (10012707)  
 3866761.0 | 6.00359 (10012707)  
 3866261.0 | 5.36711 (12112808)  
 3865761.0 | 5.94007 (12112808)  
 3865261.0 | 6.13066 (12112808)  
 3864761.0 | 5.38357 (12123109)

↑ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*\*  
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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1002 \*\*\*  
 INCLUDING SOURCE(S): 1002 ,

\*\*\* NETWORK ID: DESERTL ; NETWORK TYPE:  
 GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD			X-COORD (METERS)
(METERS)			
	435850.40	435900.40	435950.40
436000.40	436050.40		

-----

3874157.0	126.99674 (13120417)	125.55342 (13120417)	125.21525 (13120417)
125.00485 (13120417)	124.74417 (13120417)		
3874107.0	125.49800 (13120417)	126.37173 (13120417)	126.63675 (13120417)
127.44249 (13120417)	127.61609 (13120417)		
3874057.0	120.77124 (13120417)	123.46578 (13120417)	126.22816 (13120417)
128.04072 (13120417)	129.39909 (13120417)		
3874007.0	118.79247 (13120417)	121.67448 (13120417)	124.70979 (13120417)

127.16109 (13120417) 129.27564 (13120417)  
3873957.0 | 122.09366 (12013117) 119.50406 (12013117) 122.42278 (13120417)  
125.34209 (13120417) 128.05145 (13120417)  
3873907.0 | 122.97780 (12013117) 121.96256 (12013117) 122.27115 (12013117)  
123.13546 (13120417) 126.26169 (13120417)  
3873857.0 | 122.56551 (12013117) 123.56478 (12013117) 124.36654 (12013117)  
124.95024 (12013117) 125.28565 (12013117)  
3873807.0 | 122.92803 (12013117) 124.32621 (12013117) 125.57534 (12013117)  
126.64907 (12013117) 127.51647 (12013117)  
3873757.0 | 122.59389 (12013117) 124.33279 (12013117) 125.95661 (12013117)  
127.57191 (12013117) 129.03840 (12013117)  
3873707.0 | 121.67658 (12013117) 123.68371 (12013117) 125.61250 (12013117)  
127.81888 (12013117) 129.93174 (12013117)  
3873657.0 | 120.28255 (12013117) 122.50165 (12013117) 124.67262 (12013117)  
127.03033 (12013117) 129.82354 (12013117)  
3873607.0 | 118.47897 (12013117) 120.87717 (12013117) 123.24822 (12013117)  
126.05589 (12013117) 129.09703 (12013117)  
3873557.0 | 116.33320 (12013117) 118.88785 (12013117) 121.42075 (12013117)  
124.63814 (12013117) 128.00876 (12013117)  
3873507.0 | 116.94303 (12121907) 117.52326 (12121907) 119.36034 (12013117)  
122.84849 (12013117) 126.64661 (12013117)  
3873457.0 | 118.75108 (12121907) 119.72048 (12121907) 121.19772 (12121907)  
123.00153 (12121907) 124.92502 (12013117)  
3873407.0 | 119.84470 (12121907) 121.34641 (12121907) 123.10357 (12121907)  
125.14132 (12121907) 126.96423 (12121907)  
3873357.0 | 120.41765 (12121907) 122.12369 (12121907) 124.12589 (12121907)  
126.33318 (12121907) 128.22000 (12121907)  
3873307.0 | 120.79334 (12121907) 122.77697 (12121907) 124.84162 (12121907)  
126.99240 (12121907) 129.09337 (12121907)  
3873257.0 | 121.47390 (12121907) 122.75022 (12121907) 125.34340 (12121907)  
126.71577 (12121907) 129.52304 (12121907)  
3873207.0 | 121.42303 (12121907) 123.19715 (12121907) 125.29523 (12121907)  
126.67067 (12121907) 129.33639 (12121907)  
3873157.0 | 121.36107 (12121907) 123.90970 (12121907) 125.23920 (12121907)  
127.01751 (12121907) 129.42538 (12121907)

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: 1002 \*\*\*  
INCLUDING SOURCE(S): 1002 ,

\*\*\* NETWORK ID: DESERTL ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD				X-COORD (METERS)
(METERS)	436100.40		436150.40	436200.40
	436250.40	436300.40		

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3874157.0	124.00524 (13120417)	122.84392 (13120417)	121.33792 (13120417)
119.66931 (13120417)	120.10459 (11112117)		
3874107.0	127.37654 (13120417)	126.73244 (13120417)	125.94713 (13120417)
125.58019 (13120417)	124.45407 (13120417)		
3874057.0	129.99585 (13120417)	130.38221 (13120417)	131.17508 (13120417)
132.06378 (13120417)	131.17338 (13120417)		
3874007.0	131.30986 (13120417)	132.83532 (13120417)	134.29960 (13120417)
135.48148 (13120417)	135.56097 (13120417)		
3873957.0	130.80289 (13120417)	133.52969 (13120417)	136.06314 (13120417)
137.80231 (13120417)	138.64645 (13120417)		
3873907.0	129.66583 (13120417)	132.96753 (13120417)	136.20567 (13120417)
138.90262 (13120417)	140.91691 (13120417)		
3873857.0	127.25313 (13120417)	131.36149 (13120417)	135.22961 (13120417)
138.73270 (13120417)	141.71951 (13120417)		
3873807.0	128.63791 (12013117)	129.88367 (12013117)	133.40609 (13120417)
137.48083 (13120417)	141.52017 (13120417)		
3873757.0	130.82100 (12013117)	132.54184 (12013117)	133.91549 (12013117)
135.47821 (13120417)	139.73557 (13120417)		
3873707.0	132.05607 (12013117)	134.17896 (12013117)	136.13934 (12013117)
137.89710 (12013117)	139.41375 (12013117)		
3873657.0	132.44906 (12013117)	135.00455 (12013117)	137.32395 (12013117)
139.65372 (12013117)	141.51339 (12013117)		
3873607.0	132.27422 (12013117)	135.17189 (12013117)	137.59637 (12013117)
140.23267 (12013117)	142.92058 (12013117)		
3873557.0	131.41741 (12013117)	134.85541 (12013117)	137.28668 (12013117)
139.81530 (12013117)	142.89302 (12013117)		
3873507.0	130.24698 (12013117)	133.76240 (12013117)	136.71347 (12013117)
139.34577 (12013117)	141.94928 (12013117)		
3873457.0	128.56877 (12013117)	131.97548 (12013117)	135.25218 (12013117)
138.23536 (12013117)	141.37248 (12013117)		
3873407.0	128.80253 (12121907)	130.64145 (12121907)	133.26309 (12013117)
136.88305 (12013117)	140.36930 (12013117)		
3873357.0	130.01888 (12121907)	131.71697 (12121907)	134.02760 (12121907)
136.08940 (12121907)	138.51169 (12013117)		
3873307.0	130.55609 (12121907)	132.07074 (12121907)	134.66074 (12121907)
137.05505 (12121907)	139.54091 (12121907)		
3873257.0	131.00524 (12121907)	132.54411 (12121907)	135.19478 (12121907)
137.33446 (12121907)	140.73554 (12121907)		
3873207.0	130.96521 (12121907)	132.50803 (12121907)	135.47381 (12121907)
138.62036 (12121907)	140.72336 (12121907)		
3873157.0	131.05694 (12121907)	133.96545 (12121907)	135.89677 (12121907)

138.90952 (12121907) 140.67229 (12121907)  
 \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*  
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 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*  
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1002 \*\*\*  
 INCLUDING SOURCE(S): 1002 ,

\*\*\* NETWORK ID: DESERTL ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD			X-COORD (METERS)
(METERS)	436350.40	436400.40	436450.40
436500.40	436550.40		

-----

3874157.0	122.26600 (11112117)	124.17355 (11112117)	126.27391 (11112117)
127.88095 (11112117)	128.00855 (11112117)		
3874107.0	123.31614 (11112117)	126.21896 (11112117)	128.44439 (11112117)
130.16656 (11112117)	130.69487 (11112117)		
3874057.0	129.21499 (13120417)	127.27154 (13120417)	129.54699 (11112117)
131.53967 (11112117)	132.95872 (11112117)		
3874007.0	134.40319 (13120417)	132.82694 (13120417)	130.94055 (13120417)
131.99533 (11112117)	133.98204 (11112117)		
3873957.0	138.70767 (13120417)	137.74721 (13120417)	136.58597 (13120417)
134.77015 (13120417)	134.57865 (11112117)		
3873907.0	142.29511 (13120417)	142.38295 (13120417)	141.65088 (13120417)
140.50579 (13120417)	138.92854 (13120417)		
3873857.0	144.18295 (13120417)	145.53568 (13120417)	146.14033 (13120417)
145.69536 (13120417)	145.21728 (13120417)		
3873807.0	144.50226 (13120417)	147.28614 (13120417)	149.10135 (13120417)
150.30492 (13120417)	150.52962 (13120417)		
3873757.0	143.55769 (13120417)	147.25282 (13120417)	150.19686 (13120417)
152.68351 (13120417)	154.22000 (13120417)		
3873707.0	141.71060 (13120417)	145.70398 (13120417)	149.96617 (13120417)
153.39248 (13120417)	156.43213 (13120417)		
3873657.0	143.45195 (12013117)	144.64648 (12013117)	147.99152 (13120417)
152.31898 (13120417)	156.55951 (13120417)		
3873607.0	145.17020 (12013117)	147.38968 (12013117)	149.03719 (12013117)
151.06417 (12013117)	155.52261 (13120417)		
3873557.0	145.60541 (12013117)	148.38395 (12013117)	151.20458 (12013117)

153.50052	(12013117)	155.90267	(12013117)		
3873507.0	145.46786	(12013117)	148.65920	(12013117)	151.98402 (12013117)
155.07256	(12013117)	158.03877	(12013117)		
3873457.0	144.99991	(12013117)	148.15133	(12013117)	151.82510 (12013117)
155.15048	(12013117)	158.63966	(12013117)		
3873407.0	143.71962	(12013117)	147.25701	(12013117)	151.00581 (12013117)
154.61365	(12013117)	158.06303	(12013117)		
3873357.0	142.37376	(12013117)	146.11138	(12013117)	149.70865 (12013117)
153.53013	(12013117)	157.40697	(12013117)		
3873307.0	141.60850	(12121907)	144.23987	(12013117)	148.20267 (12013117)
152.40705	(12013117)	156.29509	(12013117)		
3873257.0	142.55874	(12121907)	145.17070	(12121907)	148.27542 (12121907)
151.10024	(12013117)	156.82615	(12013117)		
3873207.0	143.26752	(12121907)	146.30466	(12121907)	148.32939 (12121907)
152.24878	(12121907)	154.70167	(12121907)		
3873157.0	144.32008	(12121907)	146.44774	(12121907)	150.27229 (12121907)
152.41565	(12121907)	155.52348	(12121907)		

^ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*\*  
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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1002 \*\*\*  
 INCLUDING SOURCE(S): 1002 ,

\*\*\* NETWORK ID: DESERTL ; NETWORK TYPE:  
 GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3  
 \*\*

Y-COORD			X-COORD (METERS)
(METERS)	436600.40	436650.40	436700.40
436750.40	436800.40		

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3874157.0	127.49470	(11112117)	127.71788	(11112117)	127.39705 (11112117)
127.33473	(11112117)	126.24987	(11112117)		
3874107.0	130.56522	(11112117)	130.45815	(11112117)	130.44937 (11112117)
130.29420	(11112117)	129.83673	(11112117)		
3874057.0	133.37645	(11112117)	133.53416	(11112117)	133.72865 (11112117)
133.75894	(11112117)	133.49440	(11112117)		
3874007.0	135.32962	(11112117)	136.49665	(11112117)	136.81716 (11112117)
136.89263	(11112117)	136.95424	(11112117)		
3873957.0	136.98553	(11112117)	138.86370	(11112117)	139.79828 (11112117)

140.14154 (11112117) 140.39670 (11112117)  
3873907.0 | 138.16198 (11112117) 140.76987 (11112117) 142.63258 (11112117)  
143.46265 (11112117) 144.00273 (11112117)  
3873857.0 | 143.91613 (13120417) 142.73725 (13120417) 144.65953 (11112117)  
146.66294 (11112117) 147.37469 (11112117)  
3873807.0 | 149.99945 (13120417) 149.19860 (13120417) 148.15062 (13120417)  
148.64938 (11112117) 150.62269 (11112117)  
3873757.0 | 155.39305 (13120417) 155.19172 (13120417) 154.99138 (13120417)  
153.90964 (13120417) 152.92816 (11112117)  
3873707.0 | 158.89071 (13120417) 160.25449 (13120417) 161.02808 (13120417)  
160.37151 (13120417) 159.65752 (13120417)  
3873657.0 | 160.35794 (13120417) 163.27889 (13120417) 165.26336 (13120417)  
165.97681 (13120417) 166.27380 (13120417)  
3873607.0 | 160.45269 (13120417) 164.09186 (13120417) 167.69746 (13120417)  
170.40121 (13120417) 171.96225 (13120417)  
3873557.0 | 158.23571 (13120417) 163.22893 (13120417) 167.60839 (13120417)  
172.33749 (13120417) 176.30367 (13120417)  
3873507.0 | 160.63274 (12013117) 163.35455 (12013117) 166.62183 (13120417)  
171.95233 (13120417) 177.22534 (13120417)  
3873457.0 | 161.68885 (12013117) 165.21810 (12013117) 168.59403 (12013117)  
171.93726 (12013117) 176.65133 (13120417)  
3873407.0 | 161.52465 (12013117) 166.00143 (12013117) 170.30899 (12013117)  
175.06384 (12013117) 179.01765 (12013117)  
3873357.0 | 161.54239 (12013117) 166.18336 (12013117) 171.17534 (12013117)  
176.55746 (12013117) 181.32285 (12013117)  
3873307.0 | 161.05529 (12013117) 166.18515 (12013117) 171.50477 (12013117)  
177.03201 (12013117) 181.21546 (12013117)  
3873257.0 | 160.61504 (12013117) 166.01234 (12013117) 171.61457 (12013117)  
177.19113 (12013117) 181.38420 (12013117)  
3873207.0 | 159.60175 (12013117) 164.56177 (12013117) 170.63356 (12013117)  
175.41237 (12013117) 179.78876 (12013117)  
3873157.0 | 159.25062 (12121907) 162.49267 (12013117) 168.76499 (12013117)  
173.23786 (12013117) 177.81125 (12013117)

▲ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*  
\*\*\* 09/09/20  
\*\*\* AERMET - VERSION 14134 \*\*\* \*\*  
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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: 1002 \*\*\*  
INCLUDING SOURCE(S): 1002 ,

\*\*\* NETWORK ID: DESERTL ; NETWORK TYPE:  
GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*



Y-COORD |  
(METERS) | 436850.40

X-COORD (METERS)

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-----  
3874157.0 | 125.24282 (11112117)  
3874107.0 | 129.34457 (11112117)  
3874057.0 | 133.06659 (11112117)  
3874007.0 | 136.87722 (11112117)  
3873957.0 | 140.49805 (11112117)  
3873907.0 | 143.95320 (11112117)  
3873857.0 | 147.76947 (11112117)  
3873807.0 | 151.37261 (11112117)  
3873757.0 | 154.86462 (11112117)  
3873707.0 | 157.72457 (13120417)  
3873657.0 | 165.36425 (13120417)  
3873607.0 | 172.54122 (13120417)  
3873557.0 | 178.44477 (13120417)  
3873507.0 | 181.88433 (13120417)  
3873457.0 | 182.66748 (13120417)  
3873407.0 | 181.94812 (12013117)  
3873357.0 | 185.31095 (12013117)  
3873307.0 | 185.49148 (12013117)  
3873257.0 | 185.69427 (12013117)  
3873207.0 | 184.28937 (12013117)  
3873157.0 | 182.50507 (12013117)

^ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*  
\*\*\* 09/09/20  
\*\*\* AERMET - VERSION 14134 \*\*\* \*\*  
\*\*\* 22:25:03

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: 1002 \*\*\*

INCLUDING SOURCE(S): 1002 ,

\*\*\* NETWORK ID: BORON ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD |  
(METERS) | 439957.60  
440107.60

440157.60

X-COORD (METERS)  
440007.60  
440057.60

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-----

3874057.0		115.71308	(12011107)	116.21663	(12011107)	116.58197	(12011107)
116.83875	(12011107)	117.10579	(12011107)				
3874007.0		118.13648	(12011107)	118.50760	(12011107)	119.07292	(12011107)
119.24959	(12011107)	119.36261	(12011107)				
3873957.0		121.04027	(12011107)	121.30381	(12011107)	121.80846	(12011107)
121.92039	(12011107)	122.09311	(12011107)				
3873907.0		123.98759	(12011107)	124.40058	(12011107)	124.74237	(12011107)
125.03240	(12011107)	125.17711	(12011107)				
3873857.0		127.39142	(12011107)	127.50217	(12011107)	127.93196	(12011107)
128.31665	(12011107)	128.55606	(12011107)				
3873807.0		130.56173	(12011107)	131.01813	(12011107)	131.30306	(12011107)
131.68591	(12011107)	131.92200	(12011107)				
3873757.0		134.45572	(12011107)	134.75663	(12011107)	135.03200	(12011107)
135.35632	(12111417)	136.24457	(12111417)				
3873707.0		138.32278	(12011107)	138.76374	(12011107)	139.21532	(12111417)
140.10680	(12111417)	140.84500	(12111417)				
3873657.0		142.63780	(12011107)	143.63984	(12111417)	144.26650	(12111417)
145.00838	(12111417)	145.61928	(12111417)				
3873607.0		148.16044	(12111417)	148.91315	(12111417)	149.79965	(12111417)
150.13466	(12111417)	150.78211	(12111417)				
3873557.0		153.65531	(12111417)	154.57814	(12111417)	155.35890	(12111417)
155.57387	(12111417)	156.16494	(12111417)				
3873507.0		159.96130	(12111417)	160.78074	(12111417)	161.48491	(12111417)
161.93421	(12111417)	162.15809	(12111417)				
3873457.0		166.76836	(12111417)	167.52528	(12111417)	168.00359	(12111417)
168.41702	(12111417)	168.70984	(12111417)				
3873407.0		174.26163	(12111417)	174.99005	(12111417)	175.64600	(12111417)
175.80452	(12111417)	175.44975	(12111417)				
3873357.0		182.67965	(12111417)	183.42640	(12111417)	183.86927	(12111417)
184.28122	(13010717)	184.52627	(13010717)				
3873307.0		192.34367	(12111417)	193.27053	(13010717)	194.32692	(13010717)
194.62641	(13010717)	192.53307	(13010717)				
3873257.0		204.94672	(13010717)	206.40136	(13010717)	206.56296	(13010717)
203.40174	(13010717)	196.36327	(13010717)				
3873207.0		223.25117	(13010717)	223.91087	(13010717)	217.12003	(13010717)
208.37121	(13103117)	201.18959	(13103117)				
3873157.0		242.52856	(13010717)	230.93030	(13103117)	219.83221	(13103117)
210.28934	(13103117)	200.33996	(13103117)				
3873107.0		244.90931	(13103117)	233.76584	(13103117)	220.11939	(13103117)
208.49486	(13103117)	198.22577	(13103117)				
3873057.0		247.88985	(13103117)	231.89838	(13103117)	218.09043	(13103117)
206.14988	(13103117)	195.68749	(13103117)				
3873007.0		245.25234	(13103117)	229.12305	(13103117)	215.26528	(13103117)
203.36698	(13103117)	192.81374	(13103117)				
3872957.0		242.78754	(13103117)	226.46136	(13103117)	212.28375	(13103117)
199.70581	(13103117)	189.13496	(13103117)				
3872907.0		238.37451	(13103117)	222.12425	(13103117)	208.24051	(13103117)
196.23139	(13103117)	185.08422	(13103117)				
3872857.0		234.77328	(09110217)	218.12814	(13103117)	203.13752	(13103117)

191.58199 (09110217)	181.72529 (09110217)		
3872807.0   230.96602 (09110217)	213.93449 (09110217)	200.24810 (09110217)	
188.74485 (09110217)	178.09771 (09110217)		
3872757.0   226.69475 (09110217)	210.03480 (09110217)	195.97426 (09110217)	
184.60723 (09110217)	174.31162 (09110217)		
3872707.0   222.36247 (09110217)	205.38665 (09110217)	191.77884 (09110217)	
175.62293 (09110217)	166.52948 (09110217)		
3872657.0   206.27871 (09110217)	192.85835 (09110217)	181.57420 (09110217)	
168.07403 (09110217)	159.44868 (09110217)		
3872607.0   201.31782 (09110217)	183.87562 (09110217)	171.43563 (09110217)	
160.46964 (09110217)	152.27584 (09110217)		
3872557.0   188.87293 (09110217)	173.93302 (09110217)	162.18445 (09110217)	
153.75828 (09110217)	145.83481 (09110217)		

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\*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: 1002 \*\*\*

INCLUDING SOURCE(S): 1002 ,

\*\*\* NETWORK ID: BORON ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD			X-COORD (METERS)
(METERS)	440207.60	440257.60	440307.60
	440357.60	440407.60	

3874057.0	117.48614 (12011107)	117.81137 (12011107)	118.09614 (12011107)
118.34964 (12011107)	118.35456 (12011107)		
3874007.0	119.43013 (12011107)	120.32211 (12011107)	120.60272 (12011107)
120.60582 (12011107)	120.84555 (12011107)		
3873957.0	122.33879 (12011107)	122.95299 (12011107)	123.14368 (12011107)
123.22569 (12011107)	123.93837 (12111417)		
3873907.0	125.40729 (12011107)	125.72308 (12011107)	126.10061 (12111417)
126.75721 (12111417)	127.36905 (12111417)		
3873857.0	128.66512 (12011107)	129.26872 (12111417)	129.82273 (12111417)
130.52309 (12111417)	130.84586 (12111417)		
3873807.0	132.54008 (12111417)	133.17829 (12111417)	133.78974 (12111417)
134.28940 (12111417)	134.68715 (12111417)		
3873757.0	136.87314 (12111417)	137.48096 (12111417)	137.87372 (12111417)

138.28209	(12111417)	138.46747	(12111417)		
3873707.0	141.45066	(12111417)	141.94955	(12111417)	142.13975 (12111417)
142.54750	(12111417)	142.42031	(12111417)		
3873657.0	146.12318	(12111417)	146.53792	(12111417)	146.96817 (12111417)
146.95775	(12111417)	146.55590	(12111417)		
3873607.0	151.07563	(12111417)	151.40986	(12111417)	151.67625 (12111417)
151.16696	(12111417)	149.74265	(12111417)		
3873557.0	156.38409	(12111417)	156.57134	(12111417)	156.59685 (12111417)
155.20950	(13010717)	155.24891	(13010717)		
3873507.0	162.39372	(12111417)	161.92451	(12111417)	161.20993 (13010717)
161.36016	(13010717)	160.16214	(13010717)		
3873457.0	168.28615	(12111417)	167.81351	(13010717)	167.47770 (13010717)
166.13907	(13010717)	163.05584	(13010717)		
3873407.0	175.78633	(13010717)	175.04762	(13010717)	172.36390 (13010717)
168.66299	(13010717)	165.30467	(13103117)		
3873357.0	183.07703	(13010717)	179.99266	(13010717)	174.99174 (13010717)
172.23598	(13103117)	168.47221	(13103117)		
3873307.0	187.91592	(13010717)	182.93962	(13103117)	179.17143 (13103117)
174.17469	(13103117)	168.63139	(13103117)		
3873257.0	191.33188	(13103117)	185.45567	(13103117)	179.52743 (13103117)
173.16321	(13103117)	167.04045	(13103117)		
3873207.0	193.12508	(13103117)	185.25884	(13103117)	177.98753 (13103117)
171.19442	(13103117)	164.84416	(13103117)		
3873157.0	191.23417	(13103117)	183.18435	(13103117)	175.75912 (13103117)
168.83077	(13103117)	162.30916	(13103117)		
3873107.0	189.04030	(13103117)	180.80814	(13103117)	173.20593 (13103117)
166.06085	(13103117)	159.17391	(13103117)		
3873057.0	186.46780	(13103117)	177.82926	(13103117)	170.01109 (13103117)
162.72175	(13103117)	155.94811	(13103117)		
3873007.0	183.30125	(13103117)	174.52247	(13103117)	166.67353 (13103117)
159.53622	(09110217)	153.38701	(09110217)		
3872957.0	179.70073	(13103117)	171.08400	(13103117)	163.42519 (09110217)
156.86562	(09110217)	150.75596	(09110217)		
3872907.0	175.84721	(09110217)	167.89019	(09110217)	160.71991 (09110217)
153.98564	(09110217)	147.61459	(09110217)		
3872857.0	172.90040	(09110217)	164.86121	(09110217)	157.24911 (09110217)
150.51119	(09110217)	144.18893	(09110217)		
3872807.0	169.22859	(09110217)	161.23633	(09110217)	153.55256 (09110217)
144.97327	(09110217)	138.73813	(09110217)		
3872757.0	165.30473	(09110217)	154.60621	(09110217)	147.49979 (09110217)
140.82790	(09110217)	134.53230	(09110217)		
3872707.0	158.19148	(09110217)	150.47968	(09110217)	142.74273 (09110217)
134.76382	(09110217)	129.56922	(09012907)		
3872657.0	151.45512	(09110217)	144.00790	(09110217)	136.80383 (09110217)
133.10807	(09012907)	127.86887	(09012907)		
3872607.0	146.54435	(09110217)	138.90551	(09012907)	135.19456 (09012907)
131.50359	(09012907)	127.62537	(09012907)		
3872557.0	141.39624	(09012907)	137.56511	(09012907)	133.99919 (09012907)
130.40878	(09012907)	126.83041	(09012907)		

▲ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*\*

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\*\*\* AERMET - VERSION 14134 \*\*\*  
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: 1002 \*\*\*  
INCLUDING SOURCE(S): 1002 ,

\*\*\* NETWORK ID: BORON ; NETWORK TYPE:  
GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD (METERS)		X-COORD (METERS)
440607.60	440457.60	440507.60
	440657.60	440557.60

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3874057.0	118.49130 (12011107)	118.64764 (12111417)	119.14053 (12111417)
119.51681	(12111417)	119.83974 (12111417)	
3874007.0	121.12106 (12111417)	121.60084 (12111417)	122.17259 (12111417)
122.42246	(12111417)	122.52621 (12111417)	
3873957.0	124.40267 (12111417)	124.75221 (12111417)	125.21834 (12111417)
125.31772	(12111417)	125.26061 (12111417)	
3873907.0	127.78996 (12111417)	128.09845 (12111417)	128.27543 (12111417)
128.22179	(12111417)	127.85069 (12111417)	
3873857.0	131.32907 (12111417)	131.42219 (12111417)	131.53558 (12111417)
130.99087	(12111417)	129.89999 (12111417)	
3873807.0	134.95771 (12111417)	134.90998 (12111417)	134.51724 (12111417)
133.34951	(12111417)	131.43699 (13010717)	
3873757.0	138.62350 (12111417)	138.13249 (12111417)	136.97551 (12111417)
135.45984	(13010717)	135.50098 (13010717)	
3873707.0	142.12295 (12111417)	140.79499 (12111417)	139.90638 (13010717)
139.83733	(13010717)	139.16007 (13010717)	
3873657.0	145.02537 (12111417)	144.59776 (13010717)	144.23934 (13010717)
143.26585	(13010717)	141.41728 (13010717)	
3873607.0	149.83762 (13010717)	149.20455 (13010717)	147.69314 (13010717)
145.46918	(13010717)	142.47979 (13010717)	
3873557.0	154.37566 (13010717)	152.57011 (13010717)	149.87418 (13010717)
146.18038	(13010717)	144.90654 (13103117)	
3873507.0	157.68588 (13010717)	154.34869 (13010717)	151.39071 (13103117)
149.69233	(13103117)	147.26669 (13103117)	
3873457.0	159.04677 (13010717)	157.11937 (13103117)	154.48373 (13103117)
151.41678	(13103117)	147.81957 (13103117)	
3873407.0	162.79110 (13103117)	159.40314 (13103117)	155.39882 (13103117)

151.26106 (13103117)	146.96360 (13103117)		
3873357.0   164.10384 (13103117)	159.32288 (13103117)	154.51558 (13103117)	
149.76522 (13103117)	145.11757 (13103117)		
3873307.0   163.15261 (13103117)	157.78626 (13103117)	152.61984 (13103117)	
147.62024 (13103117)	142.77402 (13103117)		
3873257.0   161.20535 (13103117)	155.60798 (13103117)	150.21843 (13103117)	
145.05900 (13103117)	140.06798 (13103117)		
3873207.0   158.82173 (13103117)	153.07373 (13103117)	147.56329 (13103117)	
142.15382 (13103117)	137.64478 (09110217)		
3873157.0   156.08522 (13103117)	150.12778 (13103117)	144.52093 (09110217)	
139.99263 (09110217)	135.63455 (09110217)		
3873107.0   152.84355 (13103117)	147.33728 (09110217)	142.47772 (09110217)	
137.81313 (09110217)	133.32082 (09110217)		
3873057.0   150.35634 (09110217)	145.00558 (09110217)	140.01657 (09110217)	
135.23063 (09110217)	130.61665 (09110217)		
3873007.0   147.72414 (09110217)	142.37271 (09110217)	137.25747 (09110217)	
132.35296 (09110217)	127.62828 (09110217)		
3872957.0   144.98309 (09110217)	139.50041 (09110217)	134.26412 (09110217)	
129.24630 (09110217)	124.41914 (09110217)		
3872907.0   141.67302 (09110217)	136.03694 (09110217)	130.72245 (09110217)	
125.62685 (09110217)	120.73223 (09110217)		
3872857.0   138.11362 (09110217)	132.45220 (09110217)	127.05506 (09110217)	
121.77607 (09110217)	117.06025 (13121217)		
3872807.0   132.69849 (09110217)	127.06903 (09110217)	122.17492 (13121217)	
119.50824 (13121217)	117.00205 (13121217)		
3872757.0   127.74205 (09110217)	124.13860 (13121217)	121.36141 (13121217)	
118.75482 (13121217)	115.82553 (13121217)		
3872707.0   125.89362 (09012907)	122.97781 (09012907)	120.27859 (13121217)	
117.75165 (13121217)	115.36813 (13121217)		
3872657.0   124.70149 (09012907)	121.94201 (09012907)	119.34079 (09012907)	
116.88210 (09012907)	114.55303 (09012907)		
3872607.0   123.80463 (09012907)	120.69753 (09012907)	118.21262 (09012907)	
115.85966 (09012907)	113.62713 (09012907)		
3872557.0   122.25819 (09012907)	119.47596 (09012907)	116.63093 (09012907)	
114.39792 (09012907)	112.27336 (09012907)		

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 \*\*\* 09/09/20

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

VALUES FOR SOURCE GROUP: 1002 \*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 \*\*\*  
 INCLUDING SOURCE(S): 1002 ,

\*\*\* NETWORK ID: BORON ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD				X-COORD (METERS)
(METERS)	440707.60		440757.60	440807.60
	440857.60	440907.60		

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3874057.0	120.07062 (12111417)	120.18153 (12111417)	119.83246 (12111417)
119.09563 (12111417)	117.58064 (12111417)		
3874007.0	122.60035 (12111417)	122.24548 (12111417)	121.38302 (12111417)
119.93605 (12111417)	118.34124 (13010717)		
3873957.0	124.89992 (12111417)	123.99488 (12111417)	122.40236 (12111417)
121.36093 (13010717)	121.50116 (13010717)		
3873907.0	126.82042 (12111417)	125.18917 (12111417)	124.55557 (13010717)
124.66752 (13010717)	124.33130 (13010717)		
3873857.0	128.07842 (12111417)	127.96929 (13010717)	127.98748 (13010717)
127.40582 (13010717)	126.26438 (13010717)		
3873807.0	131.62707 (13010717)	131.35351 (13010717)	130.54691 (13010717)
129.08645 (13010717)	127.11927 (13010717)		
3873757.0	135.07988 (13010717)	133.94173 (13010717)	132.16241 (13010717)
129.86345 (13010717)	126.97708 (13010717)		
3873707.0	137.49080 (13010717)	135.28098 (13010717)	132.67788 (13010717)
130.68482 (13103117)	130.07491 (13103117)		
3873657.0	138.78127 (13010717)	135.56277 (13010717)	134.56580 (13103117)
133.53451 (13103117)	132.02021 (13103117)		
3873607.0	140.00507 (13103117)	138.80713 (13103117)	137.09617 (13103117)
135.05906 (13103117)	132.66643 (13103117)		
3873557.0	143.10602 (13103117)	140.76170 (13103117)	138.14840 (13103117)
135.19393 (13103117)	132.10392 (13103117)		
3873507.0	144.40247 (13103117)	141.11993 (13103117)	137.75607 (13103117)
134.26353 (13103117)	130.63888 (13103117)		
3873457.0	144.09825 (13103117)	140.23649 (13103117)	136.34557 (13103117)
132.43886 (13103117)	128.56666 (13103117)		
3873407.0	142.67739 (13103117)	138.43186 (13103117)	134.25528 (13103117)
130.14304 (13103117)	126.10369 (13103117)		
3873357.0	140.56370 (13103117)	136.11314 (13103117)	131.77103 (13103117)
127.86423 (09110217)	124.57014 (09110217)		
3873307.0	138.05049 (13103117)	133.46091 (13103117)	129.73022 (09110217)
126.21960 (09110217)	122.77694 (09110217)		
3873257.0	135.48404 (09110217)	131.63305 (09110217)	127.89682 (09110217)
124.24564 (09110217)	120.67135 (09110217)		
3873207.0	133.56121 (09110217)	129.60263 (09110217)	125.74727 (09110217)
121.98930 (09110217)	118.31566 (09110217)		
3873157.0	131.41923 (09110217)	127.33117 (09110217)	123.35600 (09110217)
119.47692 (09110217)	115.69020 (09110217)		
3873107.0	128.97964 (09110217)	124.76686 (09110217)	120.67467 (09110217)
116.58906 (09110217)	112.70853 (09110217)		
3873057.0	126.16089 (09110217)	121.84183 (09110217)	117.59738 (09110217)

113.52112 (09110217)	109.55342 (09110217)	114.36134 (09110217)
3873007.0   123.07012 (09110217)	118.65536 (09110217)	
110.17493 (09110217)	106.07471 (09110217)	
3872957.0   119.59666 (09110217)	115.11155 (09110217)	110.74416 (09110217)
108.51355 (13121217)	106.49695 (13121217)	
3872907.0   116.02978 (13121217)	113.67040 (13121217)	111.31537 (13121217)
109.21185 (13121217)	106.41439 (13121217)	
3872857.0   114.69493 (13121217)	112.45971 (13121217)	110.34254 (13121217)
108.33299 (13121217)	106.27946 (13121217)	
3872807.0   114.64004 (13121217)	112.40827 (13121217)	110.13106 (13121217)
107.53487 (13121217)	105.58166 (13121217)	
3872757.0   113.54296 (13121217)	111.38167 (13121217)	109.33063 (13121217)
107.38086 (13121217)	105.14644 (13121217)	
3872707.0   113.11453 (13121217)	110.49210 (13121217)	108.12444 (13121217)
106.24491 (13121217)	104.45166 (13121217)	
3872657.0   112.34267 (09012907)	110.23884 (09012907)	108.23346 (09012907)
106.31877 (09012907)	104.48612 (09012907)	
3872607.0   111.50529 (09012907)	109.48491 (09012907)	106.95994 (09012907)
105.15641 (09012907)	103.42901 (09012907)	
3872557.0   110.24899 (09012907)	108.31735 (09012907)	106.13760 (09012907)
103.56030 (09012907)	101.93454 (09012907)	

^ \*\*\* AERMOD - VERSION 19191 \*\*\*  
 \*\*\* 09/09/20  
 \*\*\* AERMET - VERSION 14134 \*\*\*  
 \*\*\* 22:25:03

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1002  
 INCLUDING SOURCE(S): 1002 ,

\*\*\* NETWORK ID: BORON ; NETWORK TYPE:  
 GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD		X-COORD (METERS)
(METERS)	440957.60	441007.60
	441107.60	441157.60

3874057.0	115.52291 (12111417)	115.77341 (13010717)	115.83885 (13010717)
115.60801 (13010717)	114.89581 (13010717)		
3874007.0	118.47485 (13010717)	118.46053 (13010717)	117.96082 (13010717)
117.10106 (13010717)	115.78055 (13010717)		
3873957.0	121.20429 (13010717)	120.52064 (13010717)	119.36300 (13010717)



117.84936 (13010717)	115.92563 (13010717)		
3873907.0   123.34161 (13010717)	121.84991 (13010717)	119.98166 (13010717)	
117.77228 (13010717)	116.26337 (13103117)		
3873857.0   124.54074 (13010717)	122.34397 (13010717)	119.81975 (13010717)	
119.37054 (13103117)	118.86121 (13103117)		
3873807.0   124.71164 (13010717)	122.97056 (13103117)	122.56335 (13103117)	
121.71990 (13103117)	120.48035 (13103117)		
3873757.0   126.43442 (13103117)	125.75388 (13103117)	124.54449 (13103117)	
122.89397 (13103117)	120.98506 (13103117)		
3873707.0   128.90804 (13103117)	127.30215 (13103117)	125.33207 (13103117)	
123.07607 (13103117)	120.54341 (13103117)		
3873657.0   129.99246 (13103117)	127.64030 (13103117)	125.02146 (13103117)	
122.25990 (13103117)	119.32932 (13103117)		
3873607.0   129.89326 (13103117)	126.96504 (13103117)	123.87584 (13103117)	
120.70520 (13103117)	117.50309 (13103117)		
3873557.0   128.82995 (13103117)	125.44926 (13103117)	122.04113 (13103117)	
118.64698 (13103117)	115.39028 (09110217)		
3873507.0   127.00585 (13103117)	123.37151 (13103117)	119.78295 (13103117)	
116.93418 (09110217)	114.31042 (09110217)		
3873457.0   124.73423 (13103117)	121.25936 (09110217)	118.42371 (09110217)	
115.60810 (09110217)	112.80216 (09110217)		
3873407.0   122.92604 (09110217)	119.87752 (09110217)	116.86785 (09110217)	
113.89747 (09110217)	110.96307 (09110217)		
3873357.0   121.33041 (09110217)	118.13192 (09110217)	114.98811 (09110217)	
111.87599 (09110217)	108.82427 (09110217)		
3873307.0   119.40491 (09110217)	116.07733 (09110217)	112.81755 (09110217)	
109.59417 (09110217)	106.42068 (09110217)		
3873257.0   117.17834 (09110217)	113.75843 (09110217)	110.38082 (09110217)	
107.05732 (09110217)	103.78671 (09110217)		
3873207.0   114.71524 (09110217)	111.18686 (09110217)	107.65625 (09110217)	
104.23904 (09110217)	100.89781 (09110217)		
3873157.0   111.94160 (09110217)	108.26894 (09110217)	104.71853 (09110217)	
101.23976 (09110217)	97.81834 (09110217)		
3873107.0   108.90446 (09110217)	105.19976 (09110217)	101.56792 (09110217)	
98.01435 (09110217)	94.53159 (09110217)		
3873057.0   105.67887 (09110217)	101.82801 (09110217)	98.13875 (09110217)	
94.52591 (09110217)	92.38487 (13121217)		
3873007.0   102.65352 (13121217)	100.84511 (13121217)	99.09511 (13121217)	
97.43893 (13121217)	95.87105 (13121217)		
3872957.0   104.54524 (13121217)	102.69769 (13121217)	100.97671 (13121217)	
99.37577 (13121217)	97.84131 (13121217)		
3872907.0   104.58881 (13121217)	102.84628 (13121217)	101.17998 (13121217)	
99.24519 (13121217)	97.73519 (13121217)		
3872857.0   104.39705 (13121217)	102.23787 (13121217)	100.53564 (13121217)	
98.90753 (13121217)	97.27579 (13121217)		
3872807.0   103.80808 (13121217)	102.11348 (13121217)	100.00178 (13121217)	
98.12444 (13121217)	96.67370 (13121217)		
3872757.0   103.10586 (13121217)	101.15411 (13121217)	99.58115 (13121217)	
98.07209 (13121217)	96.62265 (13121217)		
3872707.0   102.73791 (13121217)	100.78432 (13121217)	99.22886 (13121217)	

97.00324 (13121217)	95.60395 (13121217)		
3872657.0   101.74150 (09012907)	100.00407 (09012907)	98.44938 (09012907)	
96.95076 (09012907)	94.54659 (09012907)		
3872607.0   101.51045 (09012907)	99.41320 (09012907)	97.66664 (09012907)	
95.99265 (09012907)	94.63649 (09012907)		
3872557.0   100.37240 (09012907)	98.86994 (09012907)	97.42360 (09012907)	
95.89707 (09012907)	94.30064 (09012907)		

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 \*\*\* AERMET - VERSION 14134 \*\*\*  
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 \*\*\* 22:25:03

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\*\*\* MODELOPTs: RegDFault CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1002 \*\*\*  
 INCLUDING SOURCE(S): 1002 ,

\*\*\* NETWORK ID: BORON ; NETWORK TYPE:  
 GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

Y-COORD		X-COORD (METERS)
(METERS)   441207.60	441257.60	441307.60
441357.60	441407.60	

3874057.0   113.72273 (13010717)	112.10140 (13010717)	110.12227 (13010717)
107.84388 (13010717)	107.53806 (13103117)	
3874007.0   114.03025 (13010717)	111.86049 (13010717)	110.32612 (13103117)
110.19435 (13103117)	109.73762 (13103117)	
3873957.0   113.55152 (13010717)	113.19469 (13103117)	112.82349 (13103117)
112.11476 (13103117)	111.07459 (13103117)	
3873907.0   116.03979 (13103117)	115.42904 (13103117)	114.41814 (13103117)
113.12794 (13103117)	111.53757 (13103117)	
3873857.0   117.95387 (13103117)	116.68955 (13103117)	115.10461 (13103117)
113.24325 (13103117)	111.18230 (13103117)	
3873807.0   118.87796 (13103117)	116.97790 (13103117)	114.87235 (13103117)
112.56440 (13103117)	110.12857 (13103117)	
3873757.0   118.79998 (13103117)	116.40567 (13103117)	113.87667 (13103117)
111.23340 (13103117)	108.52151 (13103117)	
3873707.0   117.90617 (13103117)	115.13075 (13103117)	112.28419 (13103117)
109.40314 (13103117)	106.62501 (09110217)	
3873657.0   116.33211 (13103117)	113.30154 (13103117)	110.24896 (13103117)
108.00297 (09110217)	105.88654 (09110217)	
3873607.0   114.29043 (13103117)	111.55316 (09110217)	109.29256 (09110217)

106.99713	(09110217)	104.68178	(09110217)		
3873557.0		112.96255	(09110217)	110.51331	(09110217)
105.57369	(09110217)	103.09311	(09110217)		108.04374 (09110217)
3873507.0		111.67559	(09110217)	109.04439	(09110217)
103.80773	(09110217)	101.20827	(09110217)		106.42490 (09110217)
3873457.0		110.00922	(09110217)	107.24069	(09110217)
101.74978	(09110217)	99.04664	(09110217)		104.48815 (09110217)
3873407.0		108.04120	(09110217)	105.14692	(09110217)
99.43725	(09110217)	96.63075	(09110217)		102.28141 (09110217)
3873357.0		105.79155	(09110217)	102.78990	(09110217)
96.87601	(09110217)	93.97790	(09110217)		99.81997 (09110217)
3873307.0		103.28161	(09110217)	100.20117	(09110217)
94.09687	(09110217)	91.11975	(09110217)		97.12561 (09110217)
3873257.0		100.56474	(09110217)	97.37330	(09110217)
91.14001	(09110217)	88.10838	(09110217)		94.23488 (09110217)
3873207.0		97.61346	(09110217)	94.31569	(09110217)
87.94258	(09110217)	84.83891	(09110217)		91.11179 (09110217)
3873157.0		94.46462	(09110217)	91.07526	(09110217)
84.60349	(09110217)	81.03945	(09110217)		87.84200 (09110217)
3873107.0		91.03151	(09110217)	87.67959	(09110217)
85.68747	(13121217)	84.71588	(13121217)		84.39440 (09110217)
3873057.0		90.97995	(13121217)	89.56466	(13121217)
89.67754	(13121217)	88.53952	(13121217)		90.93662 (13121217)
3873007.0		95.62510	(13121217)	94.21394	(13121217)
91.42263	(13121217)	90.06470	(13121217)		92.85714 (13121217)
3872957.0		96.36872	(13121217)	94.88125	(13121217)
91.89878	(13121217)	90.12937	(13121217)		93.23295 (13121217)
3872907.0		96.04993	(13121217)	94.66853	(13121217)
91.83006	(13121217)	90.23195	(13121217)		93.33885 (13121217)
3872857.0		95.85242	(13121217)	94.48337	(13121217)
91.43319	(13121217)	90.22758	(13121217)		92.75625 (13121217)
3872807.0		95.27872	(13121217)	93.93601	(13121217)
91.39469	(13121217)	89.50481	(13121217)		92.64231 (13121217)
3872757.0		94.69903	(13121217)	93.38167	(13121217)
90.54389	(13121217)	88.83846	(13121217)		92.11157 (13121217)
3872707.0		94.25656	(13121217)	92.86036	(13121217)
89.83843	(13121217)	88.40430	(13121217)		91.42072 (13121217)
3872657.0		93.22280	(13121217)	91.85657	(13121217)
89.48563	(13121217)	88.15472	(13121217)		90.65105 (13121217)
3872607.0		93.32609	(09012907)	92.05775	(09012907)
89.00550	(09012907)	87.44145	(09012907)		90.16323 (09012907)
3872557.0		92.09487	(09012907)	90.90095	(09012907)
88.37568	(09012907)	86.92951	(09012907)		89.74416 (09012907)

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^ *** AERMOD - VERSION 19191 *** ***
      ***          09/09/20
*** AERMET - VERSION 14134 *** ***
      ***          22:25:03

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VALUES FOR SOURCE GROUP: 1002 \*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 INCLUDING SOURCE(S): 1002 ,

GRIDCART \*\*\* \*\*\* NETWORK ID: BORON ; NETWORK TYPE:

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

Y-COORD | X-COORD (METERS)  
 (METERS) | 441457.60

3874057.0	107.31298	(13103117)
3874007.0	108.96291	(13103117)
3873957.0	109.75430	(13103117)
3873907.0	109.72441	(13103117)
3873857.0	108.96429	(13103117)
3873807.0	107.60069	(13103117)
3873757.0	105.77007	(13103117)
3873707.0	104.69838	(09110217)
3873657.0	103.73297	(09110217)
3873607.0	102.34839	(09110217)
3873557.0	100.62371	(09110217)
3873507.0	98.61014	(09110217)
3873457.0	96.35468	(09110217)
3873407.0	93.84317	(09110217)
3873357.0	91.12505	(09110217)
3873307.0	88.19921	(09110217)
3873257.0	85.09975	(09110217)
3873207.0	81.47363	(09110217)
3873157.0	77.83996	(09110217)
3873107.0	83.96966	(13121217)
3873057.0	87.37732	(13121217)
3873007.0	88.57562	(13121217)
3872957.0	88.95965	(13121217)
3872907.0	89.06519	(13121217)
3872857.0	88.85913	(13121217)
3872807.0	88.28900	(13121217)
3872757.0	87.35729	(13121217)
3872707.0	87.01660	(13121217)
3872657.0	86.22588	(13121217)
3872607.0	85.68419	(09012907)
3872557.0	85.27321	(09012907)

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\*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: 1002 \*\*\*

INCLUDING SOURCE(S): 1002 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)
Y-COORD (M)	CONC	(YYMMDDHH)		
439914.00	3872794.00	250.10673	(09110217)	436263.00
3873356.00	136.74495	(12121907)		
435903.00	3873538.00	118.14337	(12013117)	435899.00
3873948.00	119.97340	(12013117)		
442261.30	3871403.00	49.62943	(12022307)	442263.60
3871503.00	51.58501	(12022307)		
442265.80	3871603.00	53.62560	(12022307)	442268.00
3871703.00	55.25751	(12022307)		
442270.30	3871803.00	57.83074	(12112617)	442272.50
3871903.00	60.44401	(12112617)		
442274.70	3872003.00	60.87003	(12112617)	442276.90
3872103.00	62.23471	(12112617)		
442279.20	3872203.00	62.05629	(09012907)	442281.40
3872303.00	63.80651	(09012907)		
442283.60	3872403.00	65.86063	(09012907)	442284.20
3872428.00	66.43656	(09012907)		
442184.30	3872431.00	68.45734	(09012907)	442084.30
3872435.00	69.94528	(09012907)		
441984.40	3872438.00	71.50777	(09012907)	441884.40
3872441.00	73.81363	(09012907)		
441784.50	3872445.00	75.57494	(09012907)	441684.50
3872448.00	78.53016	(09012907)		
441584.60	3872451.00	80.11738	(09012907)	441487.60
3872455.00	83.29117	(09012907)		
441485.00	3872355.00	81.69852	(09012907)	441482.40
3872255.00	81.66107	(09012907)		
441482.30	3872248.00	81.65706	(09012907)	441382.30
3872252.00	84.71952	(09012907)		
441283.60	3872255.00	87.03930	(09012907)	441281.30
3872155.00	85.80154	(12112617)		
441279.00	3872055.00	83.15258	(12112617)	441276.70

3871955.00	81.09924	(12022307)			
441274.30	3871855.00	77.51449	(12022307)		441274.10
3871844.00	77.50403	(12022307)			
441174.10	3871847.00	78.80577	(12022307)		441074.20
3871850.00	77.84339	(12022307)			
440974.20	3871853.00	78.85676	(12022307)		440874.30
3871856.00	80.30564	(12022307)			
440774.30	3871859.00	81.77910	(12022307)		440676.30
3871862.00	85.08727	(12022307)			
440674.00	3871762.00	76.84771	(12022307)		440671.70
3871662.00	77.74631	(11121207)			
440669.30	3871562.00	77.78262	(09010807)		440667.00
3871463.00	70.92526	(12120717)			
440666.80	3871450.00	70.25347	(12120717)		440766.70
3871447.00	68.15880	(10030107)			
440866.70	3871444.00	67.39442	(10030107)		440966.60
3871441.00	64.97592	(11121207)			
441066.60	3871438.00	63.94625	(11121207)		441166.50
3871435.00	62.80829	(11121207)			
441266.50	3871432.00	63.38834	(11121207)		441366.40
3871429.00	65.32840	(12022307)			
441466.40	3871426.00	64.79380	(12022307)		441566.40
3871423.00	63.93043	(12022307)			
441666.30	3871420.00	60.61154	(12022307)		441766.30
3871417.00	59.82770	(12022307)			
441866.20	3871415.00	58.34649	(12022307)		441966.20
3871412.00	52.83746	(12022307)			
442066.10	3871409.00	52.29653	(12022307)		442166.10
3871406.00	50.18422	(12022307)			
440693.20	3872567.00	111.38962	(09012907)		440695.70
3872667.00	112.81974	(09012907)			
440696.30	3872690.00	112.86738	(09012907)		440596.30
3872692.00	117.63773	(09012907)			
440496.30	3872695.00	123.04246	(09012907)		440495.40
3872695.00	123.09274	(09012907)			
440496.80	3872723.00	124.09276	(13121217)		440396.80
3872722.00	131.62536	(09110217)			
440296.80	3872722.00	146.09277	(09110217)		440196.80
3872721.00	161.09283	(09110217)			
440096.80	3872720.00	179.23596	(09110217)		439996.80
3872720.00	210.11943	(09110217)			
439896.80	3872719.00	247.52954	(09110217)		439887.70
3872719.00	247.36131	(09110217)			
439885.90	3872619.00	215.23103	(09110217)		439885.10
3872574.00	211.43535	(09110217)			
439985.10	3872573.00	184.59919	(09110217)		440085.10
3872572.00	158.93506	(09110217)			
440185.10	3872571.00	143.59029	(09012907)		440285.10
3872570.00	135.59447	(09012907)			

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 \*\*\* AERMET - VERSION 14134 \*\*\*  
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1002  
 INCLUDING SOURCE(S): 1002 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)
Y-COORD (M)	CONC	(YYMMDDHH)		
440385.10	3872570.00	128.95725	(09012907)	440485.10
3872569.00	120.85885	(09012907)		
440585.10	3872568.00	116.05374	(09012907)	440685.10
3872567.00	111.72194	(09012907)		
440685.70	3872275.00	101.57450	(12112617)	440688.30
3872375.00	104.47271	(09012907)		
440690.80	3872475.00	109.38754	(09012907)	440692.00
3872520.00	109.41696	(09012907)		
440592.00	3872522.00	113.41384	(09012907)	440492.00
3872523.00	119.40813	(09012907)		
440392.00	3872525.00	125.76564	(09012907)	440292.00
3872526.00	134.06784	(09012907)		
440192.10	3872528.00	141.60335	(09012907)	440092.10
3872529.00	153.56087	(09110217)		
439992.10	3872531.00	178.17174	(09110217)	439892.10
3872532.00	196.10574	(09110217)		
439884.50	3872532.00	196.07427	(09110217)	439883.00
3872432.00	174.43953	(09110217)		
439881.50	3872332.00	152.36858	(12022307)	439880.80
3872278.00	145.97058	(12022307)		
439980.80	3872278.00	142.23051	(12022307)	440080.80
3872277.00	136.16741	(12022307)		
440180.80	3872277.00	127.23271	(12022307)	440280.80
3872277.00	122.05543	(12022307)		
440380.80	3872276.00	115.35643	(12022307)	440480.80
3872276.00	109.13858	(12112617)		
440580.80	3872275.00	104.68298	(12112617)	440680.80
3872275.00	101.71579	(12112617)		
437456.80	3871498.00	292.54593	(09113007)	437556.80

3871496.00	299.96563	(10102007)			
437656.80	3871495.00	272.03003	(10102007)		437756.80
3871494.00	236.18606	(10102007)			
437856.80	3871492.00	212.72999	(10102007)		437956.80
3871491.00	191.10375	(10102007)			
438056.80	3871490.00	171.21946	(10102007)		438156.80
3871488.00	153.25732	(09010207)			
438256.80	3871487.00	143.16792	(09010207)		438356.80
3871486.00	133.26302	(09010207)			
438456.70	3871484.00	132.83939	(09010207)		438556.70
3871483.00	123.46751	(09010207)			
438656.70	3871482.00	118.06178	(09010207)		438756.70
3871480.00	105.78661	(09010207)			
438856.70	3871479.00	94.21250	(09010207)		438956.70
3871478.00	79.73342	(09010608)			
439056.70	3871476.00	73.78049	(13022207)		439156.70
3871475.00	75.68738	(13012117)			
439256.70	3871474.00	76.44987	(13012117)		439356.70
3871472.00	75.49742	(13012117)			
439456.60	3871471.00	78.51018	(13012117)		439556.60
3871470.00	80.88067	(13012117)			
439656.60	3871468.00	83.88719	(13012117)		439756.60
3871467.00	90.75917	(10012608)			
439856.60	3871466.00	94.80940	(10031507)		439877.70
3871465.00	94.89519	(10031507)			
439879.30	3871565.00	97.61730	(10031507)		439880.80
3871665.00	95.71573	(13111317)			
439882.40	3871765.00	95.42452	(13111317)		439884.00
3871865.00	103.67274	(11121207)			
439885.60	3871965.00	124.60853	(09010807)		439887.10
3872065.00	124.36211	(12022307)			
439888.70	3872165.00	133.50135	(12022307)		439890.30
3872265.00	142.93241	(12022307)			
439891.90	3872365.00	159.21291	(12022307)		439893.40
3872465.00	177.83357	(09110217)			
439895.00	3872565.00	210.56719	(09110217)		439896.60
3872665.00	243.10126	(09110217)			
439898.20	3872765.00	263.52890	(09110217)		439899.80
3872865.00	259.46151	(09110217)			
439901.30	3872965.00	259.24389	(09110217)		439902.90
3873065.00	260.76676	(09110217)			
439903.70	3873112.00	255.37308	(13010717)		439803.70
3873113.00	253.37973	(13010717)			
439703.70	3873114.00	246.95846	(13010717)		439603.70
3873115.00	240.01439	(13010717)			
439503.70	3873116.00	232.76205	(12111417)		439403.70
3873117.00	227.99871	(12111417)			
439303.70	3873118.00	222.93186	(12111417)		439203.70
3873120.00	216.95865	(12111417)			
439103.70	3873121.00	210.18038	(12011107)		439003.70



3873122.00 207.81584 (09122317)  
▲ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*  
\*\*\* 09/09/20  
\*\*\* AERMET - VERSION 14134 \*\*\* \*\*  
\*\*\* 22:25:03

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: 1002 \*\*\*  
INCLUDING SOURCE(S): 1002 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)
Y-COORD (M)	CONC	(YYMMDDHH)		
438903.70	3873123.00	213.99306	(13123017)	438803.70
3873124.00	216.83406	(13123017)		
438703.70	3873125.00	222.99073	(12110107)	438603.70
3873126.00	232.39391	(09012607)		
438503.80	3873127.00	236.59118	(09012607)	438403.80
3873128.00	238.45230	(09012607)		
438303.80	3873129.00	238.35550	(11112117)	438203.80
3873130.00	246.55614	(11112117)		
438103.80	3873131.00	253.12117	(11112117)	438003.80
3873132.00	257.83077	(11112117)		
437903.80	3873133.00	260.74746	(11112117)	437803.80
3873134.00	264.59503	(13120417)		
437703.80	3873135.00	271.43262	(13120417)	437603.80
3873137.00	270.97734	(13120417)		
437503.80	3873138.00	275.95762	(12013117)	437449.40
3873138.00	279.32195	(12013117)		
437449.80	3873038.00	281.52485	(12013117)	437450.30
3872938.00	285.53165	(12013117)		
437450.80	3872838.00	283.47926	(12013117)	437451.20
3872738.00	283.61614	(12013117)		
437451.70	3872638.00	280.27038	(12013117)	437452.10
3872538.00	275.48390	(12121907)		
437452.60	3872438.00	283.75876	(12121907)	437453.00
3872338.00	282.61487	(12121907)		
437453.50	3872238.00	290.33251	(09113007)	437453.90
3872138.00	290.26733	(09113007)		
437454.40	3872038.00	295.15872	(13121007)	437454.80

3871938.00	298.59000	(09113007)			
	437455.30	3871838.00	299.35770	(09113007)	437455.70
3871738.00	300.76431	(09113007)			
	437456.20	3871638.00	300.63081	(09113007)	437456.60
3871538.00	300.31762	(09113007)			
	435800.90	3871509.00	123.79477	(09113007)	435900.90
3871509.00	127.90275	(09113007)			
	436000.90	3871509.00	132.34699	(09113007)	436100.90
3871509.00	135.29523	(09113007)			
	436200.90	3871509.00	140.39917	(09113007)	436300.90
3871509.00	145.98139	(09113007)			
	436400.90	3871509.00	152.11881	(09113007)	436500.90
3871509.00	158.90078	(09113007)			
	436600.90	3871509.00	166.56018	(09113007)	436700.90
3871509.00	174.90273	(09113007)			
	436800.90	3871509.00	184.46948	(09113007)	436900.90
3871509.00	195.41221	(09113007)			
	437000.90	3871509.00	209.64147	(09113007)	437100.90
3871509.00	226.34224	(09113007)			
	437200.90	3871510.00	246.57610	(09113007)	437300.90
3871510.00	267.78326	(09113007)			
	437400.90	3871510.00	292.10319	(09113007)	437448.90
3871510.00	297.84048	(09113007)			
	437448.90	3871610.00	300.01736	(09113007)	437448.90
3871710.00	300.20496	(09113007)			
	437448.90	3871810.00	298.99237	(09113007)	437448.90
3871910.00	298.82964	(09113007)			
	437448.90	3872010.00	296.95542	(09113007)	437448.90
3872110.00	289.83727	(09113007)			
	437448.90	3872210.00	289.43130	(09113007)	437448.90
3872310.00	283.18390	(12121907)			
	437448.90	3872410.00	283.03490	(12121907)	437448.90
3872510.00	275.61201	(12121907)			
	437448.90	3872610.00	279.26246	(12013117)	437449.00
3872710.00	281.64834	(12013117)			
	437449.00	3872810.00	282.22274	(12013117)	437449.00
3872910.00	286.24065	(12013117)			
	437449.00	3873010.00	283.46651	(12013117)	437449.00
3873110.00	280.16609	(12013117)			
	437449.00	3873210.00	255.80462	(13120417)	437449.00
3873211.00	255.43282	(13120417)			
	437349.00	3873212.00	255.98435	(13120417)	437249.00
3873213.00	238.88256	(13120417)			
	437149.00	3873215.00	221.10729	(12013117)	437049.00
3873216.00	205.26144	(12013117)			
	436949.00	3873217.00	193.91676	(12013117)	436849.00
3873218.00	184.50682	(12013117)			
	436749.10	3873220.00	175.79918	(12013117)	436649.10
3873221.00	165.09678	(12013117)			
	436549.10	3873222.00	155.02804	(12013117)	436449.10

3873224.00 148.27798 (12121907)  
 436349.10 3873225.00 142.54026 (12121907) 436249.10  
 3873226.00 137.76351 (12121907)  
 ^ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*  
 \*\*\* 09/09/20  
 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*  
 \*\*\* 22:25:03

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1002 \*\*\*  
 INCLUDING SOURCE(S): 1002 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)
Y-COORD (M)	CONC	(YYMMDDHH)		
436149.10	3873228.00	132.48662	(12121907)	436049.10
3873229.00	129.02219	(12121907)		
435949.10	3873230.00	125.28402	(12121907)	435849.10
3873232.00	121.41694	(12121907)		
435835.80	3873232.00	121.08527	(12121907)	435833.70
3873132.00	120.96752	(12121907)		
435831.70	3873032.00	121.88627	(12121907)	435829.70
3872932.00	121.62280	(12121907)		
435827.70	3872832.00	121.73811	(13121007)	435825.60
3872732.00	122.21226	(13121007)		
435823.60	3872632.00	123.27976	(13121007)	435821.60
3872532.00	123.14049	(13121007)		
435819.60	3872432.00	122.99517	(13121007)	435817.50
3872332.00	124.31869	(13121007)		
435815.50	3872232.00	124.35256	(13121007)	435813.50
3872132.00	125.50587	(09113007)		
435811.50	3872032.00	125.65547	(09113007)	435809.40
3871932.00	125.38545	(09113007)		
435807.40	3871832.00	124.35766	(09113007)	435805.40
3871732.00	124.21429	(09113007)		
435803.40	3871632.00	124.06801	(09113007)	435801.40
3871532.00	123.87462	(09113007)		
435809.00	3873839.00	122.11995	(12013117)	435714.00
3873870.00	119.19707	(12013117)		
435619.00	3873902.00	116.10751	(12013117)	435524.10

3873933.00	111.07927	(12013117)			
435484.00	3873946.00	109.64388	(12013117)		435384.10
3873949.00	106.70908	(12013117)			
435284.10	3873952.00	103.23980	(12013117)		435184.20
3873956.00	98.76912	(12013117)			
435084.20	3873959.00	95.09488	(13121208)		434984.30
3873962.00	93.53270	(13121208)			
434884.30	3873965.00	91.96625	(13121208)		434784.30
3873968.00	90.21278	(13121208)			
434684.40	3873971.00	88.25106	(13121208)		434626.00
3873973.00	87.16666	(13121208)			
434568.80	3873891.00	85.22822	(10102917)		434511.60
3873809.00	87.77627	(12121907)			
434511.00	3873808.00	87.79655	(12121907)		434416.00
3873777.00	87.47600	(12121907)			
434404.00	3873773.00	87.42228	(12121907)		434346.10
3873855.00	85.71557	(12121907)			
434288.20	3873936.00	82.88708	(12121907)		434279.00
3873949.00	82.32126	(12121907)			
434180.20	3873964.00	81.46003	(12121907)		434081.30
3873980.00	80.32366	(12121907)			
434026.00	3873988.00	79.83725	(12121907)		433926.00
3873987.00	79.43747	(12121907)			
433826.00	3873985.00	79.04387	(12121907)		433726.00
3873984.00	78.64093	(12121907)			
433626.00	3873982.00	78.12309	(12121907)		433526.10
3873981.00	77.42285	(12121907)			
433426.10	3873980.00	76.81305	(12121907)		433326.10
3873978.00	76.00987	(12121907)			
433226.10	3873977.00	75.15156	(12121907)		433126.10
3873975.00	74.12684	(12121907)			
433026.10	3873974.00	73.22185	(12121907)		432967.00
3873973.00	72.65602	(12121907)			
432867.60	3873963.00	71.59835	(12121907)		432770.00
3873952.00	70.73555	(12121907)			
432681.60	3873905.00	70.53192	(12121907)		432679.00
3873904.00	70.52522	(12121907)			
432681.20	3873804.00	68.68099	(12121907)		432683.40
3873704.00	66.33587	(12121907)			
432685.70	3873604.00	63.20225	(12121907)		432687.90
3873504.00	58.88901	(12121907)			
432690.10	3873404.00	53.36572	(12121907)		432691.00
3873364.00	50.69975	(12121907)			
432791.00	3873364.00	53.24185	(12121907)		432891.00
3873364.00	55.73752	(12121907)			
432991.00	3873364.00	58.17400	(12121907)		433091.00
3873364.00	60.53672	(12121907)			
433191.00	3873364.00	62.83139	(12121907)		433291.00
3873364.00	65.04296	(12121907)			
433391.00	3873364.00	67.21740	(12121907)		433491.00

3873364.00 69.59207 (12121907)  
 433591.00 3873364.00 71.73020 (12121907) 433691.00  
 3873364.00 73.75220 (12121907)  
 433791.00 3873364.00 75.80524 (12121907) 433891.00  
 3873365.00 77.75068 (12121907)  
 ^ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*\*  
 \*\*\* 09/09/20  
 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*  
 \*\*\* 22:25:03

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1002 \*\*\*  
 INCLUDING SOURCE(S): 1002 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)
Y-COORD (M)	CONC	(YYMMDDHH)		
433991.00	3873365.00	79.47518	(12121907)	434091.00
3873365.00	81.19894	(12121907)		
434191.00	3873365.00	83.17512	(12121907)	434291.00
3873365.00	84.97912	(12121907)		
434391.00	3873365.00	86.98284	(12121907)	434491.00
3873365.00	88.61163	(12121907)		
434591.00	3873365.00	90.31736	(12121907)	434691.00
3873365.00	92.04471	(12121907)		
434791.00	3873365.00	94.09444	(12121907)	434891.00
3873365.00	96.25501	(12121907)		
434991.00	3873365.00	97.94638	(12121907)	435091.00
3873365.00	100.58413	(12121907)		
435191.00	3873365.00	103.20945	(12121907)	435291.00
3873365.00	105.26382	(12121907)		
435391.00	3873365.00	107.26724	(12121907)	435491.00
3873365.00	110.07664	(12121907)		
435591.00	3873365.00	113.29992	(12121907)	435691.00
3873365.00	115.81668	(12121907)		
435791.00	3873365.00	118.50683	(12121907)	435836.00
3873365.00	119.86954	(12121907)		
435830.30	3873465.00	118.13820	(12121907)	435824.60
3873565.00	115.35133	(12013117)		
435818.90	3873665.00	119.08587	(12013117)	435813.30

3873764.00	121.25617	(12013117)			
433343.00	3874839.00	69.50067	(13121208)		433243.10
3874835.00	70.03732	(13121208)			
433143.20	3874831.00	70.24710	(13121208)		433043.30
3874827.00	70.07381	(13121208)			
432943.30	3874823.00	69.69679	(13121208)		432843.40
3874819.00	69.03172	(13121208)			
432809.00	3874817.00	68.80018	(13121208)		432808.50
3874717.00	68.31454	(10102917)			
432807.90	3874617.00	67.94400	(10102917)		432807.40
3874517.00	66.69917	(10102917)			
432807.00	3874449.00	66.91787	(10020408)		432707.00
3874448.00	66.54052	(10020408)			
432675.00	3874448.00	66.37460	(10020408)		432675.30
3874348.00	68.01057	(12121907)			
432675.70	3874248.00	70.15877	(12121907)		432676.00
3874164.00	71.25313	(12121907)			
432754.00	3874129.00	71.70154	(12121907)		432853.50
3874119.00	71.93917	(12121907)			
432953.00	3874109.00	72.44058	(12121907)		432999.00
3874104.00	72.74993	(12121907)			
433099.00	3874105.00	73.35328	(12121907)		433199.00
3874105.00	74.06365	(12121907)			
433299.00	3874106.00	74.61824	(12121907)		433399.00
3874106.00	74.88231	(12121907)			
433499.00	3874107.00	75.09790	(12121907)		433599.00
3874107.00	75.31509	(12121907)			
433699.00	3874108.00	75.23240	(12121907)		433799.00
3874108.00	75.14789	(10020408)			
433899.00	3874109.00	76.44221	(10102917)		433999.00
3874109.00	78.04772	(10102917)			
434099.00	3874110.00	79.60562	(10102917)		434169.00
3874110.00	80.65050	(10102917)			
434176.00	3874210.00	81.56355	(13121208)		434183.00
3874310.00	81.65231	(13121208)			
434190.00	3874409.00	80.24515	(13121208)		434197.00
3874509.00	82.01042	(12013117)			
434204.00	3874609.00	83.74090	(12013117)		434211.00
3874709.00	83.59087	(12013117)			
434217.90	3874808.00	81.72541	(12013117)		434218.00
3874809.00	81.70062	(12013117)			
434118.10	3874813.00	81.48001	(12013117)		434018.10
3874816.00	80.90499	(12013117)			
433918.20	3874819.00	79.99111	(12013117)		433818.20
3874823.00	78.60582	(12013117)			
433718.30	3874826.00	77.08688	(12013117)		433618.30
3874830.00	75.24230	(12013117)			
433518.40	3874833.00	73.18822	(12013117)		433418.50
3874837.00	70.91376	(12013117)			

▲ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*\*

\*\*\* 09/09/20  
\*\*\* AERMET - VERSION 14134 \*\*\*  
\*\*\* 22:25:03

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: 1005 \*\*\*  
INCLUDING SOURCE(S): 1005 ,

\*\*\* NETWORK ID: COURSE ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD (METERS)			X-COORD (METERS)
	430733.00	431233.00	431733.00
432233.00		432733.00	

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3879761.0		65.31478 (13123017)	17.14476 (10012717)	47.11568 (12032707)
78.33494		(13010917)	78.78979 (09121717)	
3879261.0		111.64450 (13123017)	56.61133 (13110817)	63.26617 (12032707)
87.75258		(09102117)	91.50360 (09121717)	
3878761.0		129.65992 (12110107)	120.73973 (13123017)	109.48162 (09122317)
97.07527		(12032707)	103.65516 (13010917)	
3878261.0		145.31019 (09012607)	132.80541 (13123017)	122.38446 (13123017)
123.30956		(13110817)	118.79687 (13010917)	
3877761.0		155.88844 (09012607)	155.49609 (09012607)	149.75041 (13123017)
144.14909		(09122317)	135.70415 (13010917)	
3877261.0		163.00832 (11112117)	182.33233 (09012607)	175.19068 (12110107)
167.15481		(13123017)	156.18222 (13110817)	
3876761.0		205.04531 (11112117)	197.28089 (11112117)	211.13347 (09012607)
201.68272		(13123017)	186.43656 (09122317)	
3876261.0		248.58149 (13120417)	238.34220 (11112117)	244.52124 (11112117)
249.09076		(09012607)	233.72864 (13123017)	
3875761.0		243.56479 (13121208)	270.50805 (12013117)	318.38152 (13120417)
316.10144		(11112117)	306.78847 (09012607)	
3875261.0		295.63450 (12121907)	317.57804 (12121907)	377.22886 (13121208)
468.35879		(13120417)	452.53904 (11112117)	
3874761.0		269.83864 (13121007)	314.04748 (13121007)	381.73777 (13121007)
533.86777		(12121907)	814.91642 (12121907)	
3874261.0		284.26987 (11122207)	343.68249 (11122207)	445.98607 (09113007)
594.77040		(09113007)	816.27751 (09113007)	
3873761.0		249.38545 (09112517)	245.52621 (09112517)	300.40329 (10102007)
343.41129		(10102007)	335.42308 (09010207)	
3873261.0		177.91813 (12011217)	201.96071 (12112717)	199.06855 (09013007)

192.98676 (09010507) 231.80968 (09010207)  
3872761.0 | 149.15561 (12112717) 156.88512 (09013007) 152.84505 (09010507)  
181.45541 (09010207) 181.60759 (09010207)  
3872261.0 | 126.01206 (09013007) 124.19928 (09010507) 127.53668 (09010207)  
154.60998 (09010207) 131.97503 (09010207)  
3871761.0 | 103.03064 (09010507) 107.89645 (09123117) 132.52962 (09010207)  
128.17856 (09010207) 100.65727 (13020407)  
3871261.0 | 94.49597 (09123117) 99.89355 (09010207) 119.27615 (09010207)  
89.51471 (09010207) 91.22226 (13020407)  
3870761.0 | 84.25106 (13010208) 104.64112 (09010207) 98.86252 (09010207)  
78.36327 (10101507) 83.47990 (13020407)  
3870261.0 | 82.65587 (09010207) 95.57039 (09010207) 71.72848 (09030207)  
72.98665 (10101507) 76.89514 (13020407)  
3869761.0 | 86.70806 (09010207) 76.65159 (09010207) 55.62084 (10101507)  
67.48751 (10101507) 71.74182 (13020407)  
3869261.0 | 78.99953 (09010207) 60.83181 (09030207) 57.60685 (10101507)  
62.30721 (10101507) 67.23787 (13020407)  
3868761.0 | 63.37133 (09010207) 44.78260 (09030207) 57.34051 (10101507)  
54.72564 (10101507) 63.40447 (13020407)  
3868261.0 | 53.91901 (09030207) 38.28588 (10101507) 55.44376 (10101507)  
47.67877 (13020407) 59.70196 (13020407)  
3867761.0 | 40.45518 (09030207) 43.15775 (10101507) 52.21799 (10101507)  
47.79915 (13020407) 56.08728 (13020407)  
3867261.0 | 36.38392 (13013007) 48.79097 (10101507) 49.55960 (10101507)  
47.37890 (13020407) 52.28576 (13020407)  
3866761.0 | 27.77691 (13013007) 44.88568 (10101507) 43.29065 (10101507)  
50.28614 (13020407) 50.85013 (13020407)  
3866261.0 | 20.67617 (10101507) 37.62206 (10101507) 38.93127 (10101507)  
48.91249 (13020407) 47.67671 (13020407)  
3865761.0 | 25.07884 (10101507) 40.17283 (10101507) 30.54200 (10101507)  
47.32119 (13020407) 43.66672 (13020407)  
3865261.0 | 39.29053 (10101507) 41.43410 (10101507) 30.50781 (13020407)  
44.24079 (13020407) 37.74011 (13020407)  
3864761.0 | 40.45133 (10101507) 36.28834 (10101507) 33.12093 (13020407)  
39.57724 (13020407) 29.23512 (13020407)

▲ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*  
\*\*\* 09/09/20  
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\*\*\* 22:25:03

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: 1005 \*\*\*  
INCLUDING SOURCE(S): 1005 ,

\*\*\* NETWORK ID: COURSE ; NETWORK TYPE:

GRIDCART \*\*\*



\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

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Y-COORD				X-COORD (METERS)
(METERS)	433233.00		433733.00	434233.00
434733.00		435233.00		

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3879761.0	73.57860 (11112407)	59.84719 (12111517)	58.42446 (09021007)
43.12225 (09122808)	57.97854 (12012417)		
3879261.0	83.50001 (11112407)	52.49472 (12111517)	70.60203 (09021007)
65.63255 (09122808)	64.12508 (12012417)		
3878761.0	96.69690 (11112407)	89.67728 (12111517)	76.59123 (10022507)
75.94778 (09122808)	65.54413 (12012417)		
3878261.0	115.38624 (11112407)	96.28133 (11112407)	85.25692 (10022507)
82.03024 (09122808)	41.49192 (10102517)		
3877761.0	133.18546 (11112407)	111.03332 (11112407)	97.38246 (09122808)
95.22202 (09122808)	104.23549 (11122017)		
3877261.0	152.02854 (11112407)	138.18237 (11112407)	110.51478 (09122808)
113.39952 (11110817)	116.83775 (12122708)		
3876761.0	180.49007 (11112407)	164.06688 (11112407)	133.41332 (11110817)
142.76139 (11122017)	147.63098 (12011107)		
3876261.0	212.05519 (11112407)	196.75633 (11112407)	169.78122 (11122017)
174.01211 (12011107)	176.45965 (12111417)		
3875761.0	269.39700 (09122317)	243.04955 (11112407)	222.55980 (09111717)
227.37379 (12111417)	231.90077 (13010717)		
3875261.0	416.51573 (09012607)	370.18868 (11112407)	340.16001 (12111417)
330.54248 (13103117)	269.51815 (09110217)		
3874761.0	767.42986 (12013117)	672.04132 (09110217)	713.71036 (09110217)
336.61082 (13121217)	262.34225 (13121217)		
3874261.0	624.09054 (09113007)	549.16117 (13111317)	600.33325 (09012907)
356.70303 (09012907)	272.00465 (09012907)		
3873761.0	340.13192 (09010207)	293.98409 (13120607)	314.54962 (13020507)
310.89780 (13111317)	238.44285 (09010807)		
3873261.0	220.58224 (09010207)	191.55359 (12112107)	203.18400 (13120607)
211.70064 (13022207)	211.82230 (09120207)		
3872761.0	144.29233 (13020407)	150.68679 (10020307)	151.75253 (12112107)
160.50185 (13120607)	158.56839 (13022207)		
3872261.0	121.45359 (13020407)	126.84070 (10020307)	128.19546 (12112107)
122.80025 (13120607)	128.64000 (10021507)		
3871761.0	105.90607 (13020407)	110.26525 (10020807)	111.36460 (12112007)
106.79660 (12112107)	109.45437 (13120607)		
3871261.0	94.22707 (13020407)	97.11378 (10020807)	98.37715 (12112007)
97.55752 (12112107)	90.41593 (09103017)		
3870761.0	84.50516 (13020407)	86.03617 (10010408)	89.41492 (10020307)
89.35561 (12112107)	83.30613 (09103017)		
3870261.0	76.04264 (13020407)	78.93294 (10010408)	82.22564 (10020307)
82.20154 (12112007)	76.64536 (12112107)		
3869761.0	67.74355 (13020407)	73.07441 (10010408)	75.92618 (10020807)

75.46201	(12112007)	73.94728	(12112107)		
3869261.0		59.34971	(13020407)	68.04978	(10010408)
69.33983	(12112007)	66.33254	(12112107)	70.32984	(10020807)
3868761.0		53.62179	(10010408)	63.78768	(10010408)
63.61426	(10020307)	53.13392	(12112107)	65.03817	(10020807)
3868261.0		49.17800	(10010408)	60.16599	(10010408)
52.30960	(10020307)	33.97163	(09021307)	60.91488	(10020807)
3867761.0		45.20611	(10010408)	57.39688	(10010408)
38.49880	(10020307)	23.19628	(09021307)	53.97222	(10020807)
3867261.0		44.51503	(10010408)	52.81690	(10010408)
25.28372	(12102517)	14.24646	(09021307)	40.82859	(11102707)
3866761.0		42.30450	(10010408)	43.62735	(10010408)
13.32130	(13020708)	8.76189	(11121307)	25.95612	(13020708)
3866261.0		36.90963	(10010408)	28.55916	(10010408)
7.66316	(13020708)	6.71580	(11121307)	17.44329	(13020708)
3865761.0		29.29107	(10010408)	19.07007	(10010408)
5.68500	(09112309)	5.23439	(09092508)	9.96239	(13020708)
3865261.0		21.10790	(10010408)	11.82529	(10010408)
5.40347	(09112309)	5.13892	(09092508)	7.91392	(11121217)
3864761.0		16.32109	(10010408)	9.64041	(10010408)
5.14241	(09112309)	5.22403	(09112309)	7.19923	(11121217)

▲ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*

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\*\*\* AERMET - VERSION 14134 \*\*\* \*\*

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

VALUES FOR SOURCE GROUP: 1005 \*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION \*\*\*

INCLUDING SOURCE(S): 1005 ,

\*\*\* NETWORK ID: COURSE ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

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Y-COORD				X-COORD (METERS)
(METERS)		435733.00	436233.00	436733.00
437233.00			437733.00	

3879761.0		49.63181	(10102517)	35.67897	(10102517)	31.97760	(11122017)
38.21918	(12122708)	33.18280	(09111717)				
3879261.0		61.51456	(11110817)	17.03639	(10012708)	13.22678	(12021408)
13.58138	(10012817)	27.81959	(12011107)				
3878761.0		29.21364	(12013017)	17.08052	(10012708)	16.40037	(10012817)

18.88147 (10012817)	18.53985 (12111417)		
3878261.0   50.60348 (11122017)	18.12254 (13121817)	55.49368 (12011107)	
103.39461 (12011107)	108.24991 (12111417)		
3877761.0   98.50443 (12122708)	88.03768 (12011107)	94.76288 (12011107)	
90.75314 (12111417)	79.11848 (13010717)		
3877261.0   119.10395 (12011107)	108.34028 (12111417)	104.13029 (12111417)	
112.64807 (13010717)	66.79742 (13103117)		
3876761.0   141.56752 (12111417)	130.50791 (12111417)	124.31494 (13010717)	
88.96328 (13103117)	84.20910 (09110217)		
3876261.0   171.78626 (13010717)	161.34892 (13103117)	154.62324 (09110217)	
108.19047 (09110217)	65.82961 (09030307)		
3875761.0   220.62051 (13103117)	177.50070 (09110217)	99.60678 (09030307)	
80.58588 (09030307)	50.02833 (09030307)		
3875261.0   138.71699 (09030307)	90.79241 (09030307)	58.75824 (09011407)	
70.88702 (09011407)	76.78107 (09011407)		
3874761.0   219.78724 (13121217)	188.77191 (13121217)	166.97725 (13121217)	
150.03918 (13121217)	136.06878 (13121217)		
3874261.0   220.44515 (09012907)	191.70852 (09012907)	164.82231 (09012907)	
147.52623 (09012907)	133.61966 (09012907)		
3873761.0   206.88772 (12022307)	176.34449 (12022307)	139.13590 (10012908)	
129.90145 (12112617)	122.14665 (12112617)		
3873261.0   184.70483 (13111317)	156.80185 (09010807)	112.65473 (11121207)	
107.15194 (12022307)	112.87360 (12022307)		
3872761.0   149.22030 (12110707)	132.25233 (10031507)	116.22414 (13021307)	
98.69948 (09010807)	86.06440 (11121207)		
3872261.0   121.97827 (13022207)	113.40254 (13020507)	100.69160 (09120207)	
86.64144 (13111317)	73.33738 (13021307)		
3871761.0   105.08540 (10021507)	96.78651 (13022207)	86.70771 (13020507)	
76.20021 (10012608)	64.31371 (10031507)		
3871261.0   92.56437 (13120607)	87.14543 (10021507)	77.24390 (13022207)	
60.21584 (13020507)	51.09185 (13012117)		
3870761.0   72.88300 (13120607)	74.79245 (13120607)	57.73279 (10021507)	
32.15784 (13022207)	27.23739 (13020507)		
3870261.0   71.28146 (09103017)	63.63267 (13120607)	51.69144 (09010608)	
32.77258 (10021507)	24.82152 (13022207)		
3869761.0   64.03290 (09103017)	46.18340 (09103017)	33.04093 (13120607)	
24.65194 (09010608)	15.29003 (09020508)		
3869261.0   50.78268 (09103017)	33.94500 (09103017)	15.46652 (12111317)	
11.91058 (09010608)	8.63841 (09020508)		
3868761.0   34.53235 (12120608)	22.34742 (09103017)	12.99334 (12011117)	
9.98302 (13030807)	5.17087 (11121308)		
3868261.0   20.71219 (12120608)	13.00490 (09103017)	9.60345 (12011117)	
9.00732 (10040707)	5.21181 (10040707)		
3867761.0   12.44606 (12120608)	8.79039 (09021608)	7.00307 (12011009)	
8.78909 (10040707)	3.80497 (10040707)		
3867261.0   8.91812 (10021208)	8.55486 (09021608)	7.30784 (12011009)	
3.63529 (10040707)	4.32630 (10040707)		
3866761.0   6.71932 (10021208)	7.00331 (09021608)	6.86988 (12011009)	
3.18515 (12011009)	7.20939 (10110208)		
3866261.0   5.71146 (13071707)	6.54083 (11102708)	5.93361 (12011009)	

6.88514 (12011009)	6.50380 (10110208)		
3865761.0	5.51439 (13071707)	6.44982 (11102708)	5.41028 (11102708)
6.73435 (12011009)	5.93154 (12011009)		
3865261.0	5.23518 (13071707)	6.05606 (11102708)	5.96893 (11102708)
6.01789 (12011009)	6.55723 (12011009)		
3864761.0	4.84791 (13071707)	5.42923 (11102708)	6.20219 (11102708)
5.59139 (09021608)	6.56827 (12011009)		

^ \*\*\* AERMOD - VERSION 19191 \*\*\*  
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 \*\*\* AERMET - VERSION 14134 \*\*\*  
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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1005  
 INCLUDING SOURCE(S): 1005 ,

\*\*\* NETWORK ID: COURSE ; NETWORK TYPE:  
 GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD			X-COORD (METERS)
(METERS)	438233.00	438733.00	439233.00
439733.00	440233.00		

3879761.0	26.47226 (12011107)	16.30160 (12011107)	19.72390 (12110217)
19.99506 (11100607)	16.99834 (11100607)		
3879261.0	16.58566 (12031307)	25.95922 (12111417)	26.30686 (11100607)
20.33566 (11100607)	15.03003 (12121307)		
3878761.0	35.40077 (12111417)	33.67203 (11100607)	22.15182 (13010717)
20.57865 (12121307)	18.57940 (13103117)		
3878261.0	50.35721 (11100607)	39.13205 (13010717)	27.71979 (09012707)
31.09382 (13103117)	28.62999 (09110217)		
3877761.0	55.68998 (13010717)	54.53851 (13103117)	43.16344 (09110217)
43.97159 (09110217)	23.78965 (09110217)		
3877261.0	74.87419 (13103117)	73.12422 (09110217)	48.49871 (09110217)
17.96108 (09030307)	27.20417 (09030307)		
3876761.0	79.80973 (09110217)	38.73480 (09030307)	43.10342 (09030307)
33.29561 (09030307)	16.88633 (09030307)		
3876261.0	67.32370 (09030307)	45.56231 (09030307)	18.22596 (09113017)
18.21435 (09113017)	17.71048 (12012517)		
3875761.0	24.84744 (12012517)	23.93494 (12012517)	19.82981 (12012517)
18.63324 (13121808)	24.73122 (09011407)		
3875261.0	69.54448 (09011407)	47.02702 (09011407)	31.01979 (09011407)

26.10469	(09011407)	47.23048	(09011407)		
3874761.0		108.56634	(13121217)	70.72641	(13121217)
20.02880	(09111617)	74.75832	(09111617)	27.51934	(13121217)
3874261.0		119.69549	(09012907)	95.88613	(09012907)
71.47390	(09012907)	78.78996	(09012907)	49.90763	(13010417)
3873761.0		116.64103	(12112617)	108.84112	(12112617)
80.69954	(12112617)	65.77865	(12112617)	95.45997	(12112617)
3873261.0		102.54314	(12022307)	93.03873	(10012908)
53.45103	(12112617)	61.59079	(12112617)	72.92607	(10012908)
3872761.0		57.94065	(12112207)	59.22630	(12022307)
69.76919	(12022307)	64.97491	(10012908)	73.69436	(12022307)
3872261.0		68.77343	(10030107)	67.16696	(11121207)
35.56739	(12112207)	30.58534	(13111117)	49.42033	(11121207)
3871761.0		54.07648	(13111317)	43.50642	(13021307)
38.96057	(11121207)	36.72928	(11121207)	36.66554	(10030107)
3871261.0		40.01504	(10031507)	37.37122	(13111317)
29.55426	(13021307)	29.68101	(10030107)	30.28234	(13111317)
3870761.0		27.62831	(13012117)	26.57826	(10012608)
24.07664	(13111317)	19.48105	(13111317)	29.96835	(10031507)
3870261.0		19.92366	(11102407)	20.47219	(13012117)
24.85901	(10031507)	16.19269	(10031507)	21.53190	(10012608)
3869761.0		17.73921	(12112808)	15.85007	(12112808)
18.71712	(13012117)	18.13432	(10012608)	16.81033	(13012117)
3869261.0		9.66500	(09020508)	16.05254	(12112808)
11.86216	(13012117)	16.67329	(13012117)	14.35078	(12112808)
3868761.0		7.61293	(12102908)	10.32951	(09020508)
13.21684	(12112808)	9.44261	(13012117)	14.09651	(12112808)
3868261.0		5.30409	(12102908)	7.53432	(12102908)
13.01804	(12112808)	12.67943	(12112808)	9.29743	(09020508)
3867761.0		3.15804	(10040707)	5.69055	(12102908)
8.44529	(09020508)	12.21511	(12112808)	7.56346	(09020508)
3867261.0		3.96605	(10110208)	3.22676	(12102908)
7.21303	(12102908)	7.98004	(09020508)	5.93009	(12102908)
3866761.0		7.88610	(10040707)	4.26909	(13030807)
6.08383	(12102908)	6.97574	(12102908)	3.61578	(12102908)
3866261.0		8.49358	(10040707)	6.40630	(10040707)
3.94942	(12102908)	6.16569	(12102908)	3.05627	(13030807)
3865761.0		7.70507	(10040707)	5.82957	(10110208)
2.34766	(11091308)	4.25071	(12102908)	4.63742	(10040707)
3865261.0		6.10607	(10110208)	8.16965	(10040707)
2.58713	(13030807)	2.46324	(11091308)	4.59250	(10110208)
3864761.0		5.53219	(12011009)	7.15371	(10040707)
3.35136	(10110208)	2.18352	(11041207)	5.86558	(10110208)

▲ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*\*

\*\*\* 09/09/20

\*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*

\*\*\* 22:25:03

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

VALUES FOR SOURCE GROUP: 1005 \*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 INCLUDING SOURCE(S): 1005 ,

GRIDCART \*\*\* \*\* NETWORK ID: COURSE ; NETWORK TYPE:

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

Y-COORD | X-COORD (METERS)  
 (METERS) | 440733.00 441233.00 441733.00  
 442233.00 442733.00

3879761.0	10.98880 (09013017)	8.69908 (12121307)	10.54193 (10110517)
9.73926 (11112108)	7.14113 (11112108)		
3879261.0	12.76406 (09012707)	13.44568 (13012808)	12.11329 (13012808)
8.07651 (09022507)	6.44204 (12110617)		
3878761.0	17.84735 (13103117)	16.57934 (09110217)	14.29053 (09110217)
7.27334 (09022507)	4.18738 (13020607)		
3878261.0	26.09886 (09110217)	14.42259 (09110217)	5.04507 (09022507)
6.22480 (09030307)	8.73824 (09030307)		
3877761.0	6.94711 (09110217)	13.11426 (09030307)	18.46616 (09030307)
16.33116 (09030307)	10.73401 (09030307)		
3877261.0	24.39853 (09030307)	20.29423 (09030307)	13.28017 (09030307)
10.01112 (09113017)	11.31278 (09113017)		
3876761.0	13.48528 (09113017)	14.70480 (09113017)	13.91839 (09113017)
13.64172 (12012517)	13.44670 (12012517)		
3876261.0	17.35688 (12012517)	15.31975 (12012517)	11.98969 (12012517)
10.13116 (13121808)	12.86806 (13121808)		
3875761.0	26.81272 (09011407)	17.59951 (13121808)	17.27491 (13121808)
24.59592 (09011407)	32.91579 (09011407)		
3875261.0	43.18108 (13121217)	36.35580 (13121217)	33.12889 (13121217)
39.83027 (13121217)	44.24275 (13121217)		
3874761.0	75.72091 (09111617)	67.72339 (09111617)	60.48382 (09111617)
56.62599 (09111617)	53.61200 (09111617)		
3874261.0	66.17888 (09012907)	61.57067 (09012907)	53.35196 (09012907)
46.96920 (09012907)	41.72356 (09012907)		
3873761.0	50.01599 (12112617)	50.52850 (09012907)	51.13563 (09012907)
50.30593 (09012907)	49.35874 (09012907)		
3873261.0	64.87131 (12112617)	64.76864 (12112617)	63.52726 (12112617)
58.58186 (12112617)	51.64276 (12112617)		
3872761.0	58.54831 (10012908)	46.70043 (10012908)	29.99376 (10012908)
25.26674 (13112808)	25.79936 (13112808)		
3872261.0	37.52584 (12022307)	46.30277 (12022307)	44.80105 (12022307)
39.92591 (10012908)	37.87359 (10012908)		
3871761.0	29.00072 (12112207)	22.66295 (13111117)	24.61710 (13111117)

21.60654 (13111117)	25.20556 (12022307)		
3871261.0   31.12395 (11121207)	31.40320 (11121207)	24.21875 (12112207)	
20.92296 (12112207)	17.37377 (13111117)		
3870761.0   21.57195 (13021307)	21.88061 (12120717)	19.40065 (10012617)	
24.62449 (11121207)	18.71822 (11121207)		
3870261.0   17.87627 (13111317)	13.22702 (13111317)	13.14919 (09111917)	
15.94121 (10012617)	16.20727 (10012617)		
3869761.0   13.18463 (10031507)	10.23207 (09011607)	8.54197 (13111317)	
7.91309 (09011307)	8.96614 (10012617)		
3869261.0   11.92768 (09011317)	7.95001 (13030507)	7.79283 (09011607)	
6.58524 (09011607)	4.30204 (09011307)		
3868761.0   13.90793 (13012117)	9.58953 (10012707)	6.14310 (12123108)	
5.40586 (09011607)	6.43614 (09011607)		
3868261.0   7.82654 (11102407)	10.86167 (13012117)	9.56450 (09011317)	
6.50111 (12123108)	5.33912 (12123108)		
3867761.0   11.89043 (12112808)	7.12795 (11102407)	8.45872 (13012117)	
9.65607 (09011317)	7.63192 (10012707)		
3867261.0   11.32132 (12112808)	11.03841 (12112808)	6.56357 (11102407)	
7.11602 (13110617)	8.38265 (09011317)		
3866761.0   7.13683 (12123109)	10.09402 (12112808)	10.15581 (12112808)	
5.99535 (11102407)	6.24132 (13110617)		
3866261.0   6.70678 (12102908)	6.89140 (12123109)	9.25833 (12112808)	
9.48185 (12112808)	5.61767 (11102407)		
3865761.0   6.19968 (12102908)	6.42620 (12102908)	6.65692 (12123109)	
8.48666 (12112808)	8.90055 (12112808)		
3865261.0   4.52206 (12102908)	6.19166 (12102908)	6.18426 (12123109)	
6.43531 (12123109)	7.91394 (12112808)		
3864761.0   2.64440 (12102908)	4.75423 (12102908)	6.14385 (12102908)	
6.11377 (12123109)	6.22029 (12123109)		

^ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*  
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\*\*\* MODELOPTs:     RegDEFAULT   CONC   ELEV   FLGPOL   RURAL

\*\*\* THE   1ST HIGHEST   1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1005           \*\*\*  
   INCLUDING SOURCE(S):     1005           ,

\*\*\* NETWORK ID: COURSE   ;   NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER           IN MICROGRAMS/M\*\*3

\*\*

Y-COORD		X-COORD (METERS)
(METERS)	443233.00	443733.00
	444733.00	445233.00

3879761.0	4.68525 (12110617)	6.50011 (09022507)	4.23746 (12110617)
3.49259 (13020607)	3.03308 (10101908)		
3879261.0	5.11390 (12110617)	3.88461 (13020607)	3.21598 (10101908)
3.01478 (10101908)	5.74359 (09030307)		
3878761.0	3.40267 (10101908)	4.87183 (09030307)	6.81254 (09030307)
7.88893 (09030307)	7.14810 (09030307)		
3878261.0	7.17953 (09030307)	8.60242 (09030307)	5.57480 (09030307)
3.53217 (09113017)	5.36127 (09113017)		
3877761.0	5.10381 (09030307)	6.65083 (09113017)	8.21802 (09113017)
9.33861 (09113017)	9.04083 (09113017)		
3877261.0	11.22961 (09113017)	9.93458 (09113017)	10.70709 (12012517)
10.83899 (12012517)	9.94799 (12012517)		
3876761.0	12.12453 (12012517)	10.03767 (12012517)	7.80602 (12012517)
6.12398 (13121808)	7.68311 (13121808)		
3876261.0	14.36884 (13121808)	15.44091 (13121808)	16.02817 (13121808)
19.24566 (09011407)	17.05100 (09011407)		
3875761.0	29.10881 (09011407)	27.00777 (09011407)	23.29150 (09011407)
16.15185 (09011407)	11.70294 (09011407)		
3875261.0	44.36260 (13121217)	44.45685 (13121217)	40.43527 (13121217)
39.99906 (13121217)	35.92903 (13121217)		
3874761.0	54.70474 (09111617)	50.28064 (09111617)	46.25153 (09111617)
45.91425 (09111617)	44.03004 (09111617)		
3874261.0	37.79213 (10011407)	34.86552 (10011407)	32.58499 (10011407)
30.93649 (10011407)	28.72253 (10011407)		
3873761.0	51.17549 (09012907)	51.29813 (09012907)	50.11429 (09012907)
50.09079 (09012907)	50.66365 (09012907)		
3873261.0	45.06564 (12112617)	39.40106 (12112617)	31.25619 (12112617)
23.34828 (12112617)	18.01467 (12112617)		
3872761.0	27.16881 (12112617)	31.66417 (12112617)	35.21108 (12112617)
37.47134 (12112617)	40.78383 (12112617)		
3872261.0	30.83100 (10012908)	20.50764 (10012908)	16.15374 (13112808)
18.29615 (13112808)	19.65247 (13112808)		
3871761.0	27.93048 (12022307)	27.80862 (10012908)	26.59466 (10012908)
27.76179 (10012908)	26.28114 (10012908)		
3871261.0	18.52294 (13111117)	17.13164 (13111117)	12.86092 (12022307)
19.27290 (12022307)	24.95407 (12022307)		
3870761.0	14.79050 (12112207)	12.09013 (12112207)	13.46962 (13111117)
15.19643 (13111117)	15.32148 (13111117)		
3870261.0	15.96853 (11121207)	15.03977 (11121207)	12.46419 (12112207)
12.10759 (12112207)	8.15694 (12112207)		
3869761.0	14.21212 (10012617)	14.48830 (10012617)	12.87312 (11121207)
10.84218 (11121207)	6.75276 (10011107)		
3869261.0	7.03079 (09011307)	8.14999 (10012617)	12.32549 (10012617)
13.13913 (10012617)	9.82383 (10012617)		
3868761.0	5.24572 (09011607)	4.07324 (09011307)	6.86840 (09011307)
7.40282 (10012617)	9.71724 (10012617)		
3868261.0	6.41499 (09011607)	6.53404 (09011607)	5.29370 (13111317)



4.04462 (09011307)	5.32363 (09011307)		
3867761.0   5.93071 (12123108)	5.69679 (09011607)	6.82577 (09011607)	
5.08855 (09011607)	2.29061 (09011607)		
3867261.0   8.34473 (09011317)	6.14860 (13030507)	5.16230 (12123108)	
5.62270 (09011607)	5.22802 (09011607)		
3866761.0   6.53365 (10012707)	7.44291 (10012707)	5.62756 (10012707)	
5.17770 (12123108)	4.19340 (10071607)		
3866261.0   5.28759 (13110617)	5.82542 (13110617)	6.80614 (10012707)	
5.72549 (10012707)	4.73333 (10071607)		
3865761.0   5.15503 (12112808)	4.45068 (13110617)	5.33815 (13110617)	
5.73591 (10012707)	5.47607 (10012707)		
3865261.0   8.35986 (12112808)	5.06261 (12112808)	3.74742 (13110617)	
4.68960 (13110617)	4.64677 (10012707)		
3864761.0   7.53205 (12112808)	7.99625 (12112808)	4.95986 (12112808)	
3.04319 (11111417)	3.81957 (13110617)		

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1005  
 INCLUDING SOURCE(S): 1005 ,

\*\*\* NETWORK ID: COURSE ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD		X-COORD (METERS)
(METERS)	445733.00	

3879761.0	2.92251 (10101908)
3879261.0	8.11469 (09030307)
3878761.0	5.39287 (09030307)
3878261.0	7.05207 (09113017)
3877761.0	8.42748 (12012517)
3877261.0	8.50279 (12012517)
3876761.0	9.35810 (13121808)
3876261.0	20.21886 (09011407)
3875761.0	10.06265 (13121217)
3875261.0	33.86368 (13121217)
3874761.0	39.84054 (09111617)
3874261.0	26.31459 (10011407)

3873761.0	49.29877	(09012907)
3873261.0	12.91804	(12112617)
3872761.0	44.19663	(12112617)
3872261.0	19.83094	(13112808)
3871761.0	20.06867	(10012908)
3871261.0	27.09188	(10012908)
3870761.0	12.31880	(13111117)
3870261.0	11.26679	(13111117)
3869761.0	8.59937	(12112207)
3869261.0	9.13746	(11121207)
3868761.0	11.58756	(10012617)
3868261.0	5.33390	(09011307)
3867761.0	2.98229	(09011307)
3867261.0	3.37644	(09011607)
3866761.0	4.87270	(09011607)
3866261.0	4.35883	(10071607)
3865761.0	4.55786	(10071607)
3865261.0	4.98465	(10012707)
3864761.0	3.32178	(13110617)

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1005 \*\*\*  
 INCLUDING SOURCE(S): 1005 ,

\*\*\* NETWORK ID: DESERTL ; NETWORK TYPE:  
 GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD (METERS)		X-COORD (METERS)
436000.40	435850.40	435900.40
	436050.40	435950.40

3874157.0	192.44353	(09012907)	198.03669	(09012907)	198.17261	(09012907)
196.70025	(09012907)	194.35402	(09012907)			
3874107.0	192.37667	(12112617)	194.29968	(12112617)	195.80734	(12112617)
194.03487	(12112617)	192.55756	(12112617)			
3874057.0	205.14458	(12112617)	202.00769	(12112617)	197.73078	(12112617)
195.25035	(12112617)	192.83519	(12112617)			
3874007.0	204.23245	(12112617)	201.99968	(12112617)	198.69403	(12112617)

196.33625	(12112617)	194.01850	(12112617)		
3873957.0	191.71683	(12112617)	197.20411	(12112617)	195.44613
193.65871	(12112617)	191.84113	(12112617)		
3873907.0	194.02865	(12022307)	194.65881	(12022307)	190.75566
186.71724	(12022307)	182.54719	(12022307)		
3873857.0	201.31774	(12022307)	198.11115	(12022307)	194.83225
191.46807	(12022307)	188.00244	(12022307)		
3873807.0	202.23767	(12022307)	199.54163	(12022307)	196.78552
193.96258	(12022307)	191.06320	(12022307)		
3873757.0	200.70025	(12022307)	198.73216	(12022307)	196.61615
194.10581	(12022307)	191.51173	(12022307)		
3873707.0	195.07346	(12022307)	194.34606	(12022307)	193.30507
191.23156	(12022307)	188.92075	(12022307)		
3873657.0	183.59599	(12022307)	184.62112	(12022307)	185.19731
184.89018	(12022307)	183.21049	(12022307)		
3873607.0	166.61151	(11121207)	168.85865	(12022307)	171.23531
172.33966	(12022307)	172.46552	(12022307)		
3873557.0	174.32481	(11121207)	168.91770	(11121207)	163.21458
156.16621	(11121207)	156.15824	(12022307)		
3873507.0	178.98660	(11121207)	174.86288	(11121207)	170.08357
163.79633	(11121207)	156.69868	(11121207)		
3873457.0	185.04912	(09010807)	179.09395	(09010807)	173.28207
168.07524	(11121207)	162.25344	(11121207)		
3873407.0	188.76740	(09010807)	183.74585	(09010807)	177.47617
170.02489	(09010807)	165.14322	(11121207)		
3873357.0	187.80797	(09010807)	184.78779	(09010807)	180.17429
174.28360	(09010807)	168.57630	(09010807)		
3873307.0	182.53563	(13021307)	180.57988	(09010807)	178.30382
174.85803	(09010807)	170.70438	(09010807)		
3873257.0	180.09686	(13021307)	178.56099	(13021307)	173.01418
172.58569	(09010807)	169.15205	(09010807)		
3873207.0	174.42186	(13021307)	174.33908	(13021307)	172.36146
170.94675	(13021307)	165.83777	(12120717)		
3873157.0	177.39103	(13111317)	170.38140	(13111317)	167.19120
167.30562	(13021307)	164.96788	(13021307)		

^ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*  
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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1005 \*\*\*  
 INCLUDING SOURCE(S): 1005 ,

\*\*\* NETWORK ID: DESERTL ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD				X-COORD (METERS)
(METERS)	436100.40		436150.40	436200.40
	436250.40	436300.40		

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3874157.0	192.07266 (09012907)	189.85328 (09012907)	187.69453 (09012907)
185.42504	(09012907)	183.54721 (09012907)	
3874107.0	190.72719 (12112617)	188.60580 (12112617)	185.71225 (12112617)
180.94139	(12112617)	177.32749 (12112617)	
3874057.0	191.09028 (12112617)	188.48292 (12112617)	183.51837 (12112617)
177.01841	(12112617)	174.03081 (12112617)	
3874007.0	190.90960 (12112617)	187.85583 (12112617)	183.63453 (12112617)
178.67223	(12112617)	175.03242 (12112617)	
3873957.0	189.35362 (12112617)	186.11064 (12112617)	182.19951 (12112617)
178.69790	(12112617)	175.76052 (12112617)	
3873907.0	180.92322 (12112617)	179.10583 (12112617)	176.66156 (12112617)
174.20737	(12112617)	171.82326 (12112617)	
3873857.0	184.19503 (12022307)	178.58496 (12022307)	173.09032 (12022307)
167.73269	(12022307)	162.54862 (12022307)	
3873807.0	187.05391 (12022307)	182.17288 (12022307)	177.48825 (12022307)
172.70032	(12022307)	167.50352 (12022307)	
3873757.0	187.73687 (12022307)	183.58502 (12022307)	179.65841 (12022307)
175.00474	(12022307)	170.93401 (12022307)	
3873707.0	186.14734 (12022307)	182.91705 (12022307)	179.53327 (12022307)
176.02690	(12022307)	172.42969 (12022307)	
3873657.0	181.36112 (12022307)	179.15201 (12022307)	176.95357 (12022307)
174.19503	(12022307)	171.92225 (12022307)	
3873607.0	171.76549 (12022307)	171.02281 (12022307)	170.71849 (12022307)
169.48533	(12022307)	167.59856 (12022307)	
3873557.0	157.21553 (12022307)	157.64983 (12022307)	159.45630 (12022307)
160.58490	(12022307)	160.20534 (12022307)	
3873507.0	149.71418 (11121207)	142.74859 (11121207)	142.92083 (12022307)
145.77331	(12022307)	148.23713 (12022307)	
3873457.0	156.42534 (11121207)	150.75152 (11121207)	145.07052 (11121207)
139.65779	(11121207)	133.83455 (11121207)	
3873407.0	160.88922 (11121207)	156.11367 (11121207)	151.66597 (11121207)
146.38174	(11121207)	141.07071 (11121207)	
3873357.0	162.64893 (09010807)	159.09435 (11121207)	155.00536 (11121207)
150.88425	(11121207)	146.83934 (11121207)	
3873307.0	167.38792 (09010807)	163.36011 (09010807)	156.50101 (09010807)
152.50080	(11121207)	149.04056 (11121207)	
3873257.0	167.93815 (09010807)	165.77346 (09010807)	160.48554 (09010807)
155.83002	(09010807)	148.15333 (09010807)	
3873207.0	164.93800 (09010807)	164.93741 (09010807)	161.04951 (09010807)
156.07251	(09010807)	152.78173 (09010807)	
3873157.0	163.34465 (13021307)	158.38119 (12120717)	156.96598 (09010807)

154.43128 (09010807) 153.78197 (09010807)  
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 \*\*\* 09/09/20  
 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*  
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1005 \*\*\*  
 INCLUDING SOURCE(S): 1005 ,

\*\*\* NETWORK ID: DESERTL ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD			X-COORD (METERS)
(METERS)	436350.40	436400.40	436450.40
436500.40	436550.40		

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3874157.0	181.55352 (09012907)	179.00222 (09012907)	175.16864 (09012907)
171.20701 (09012907)	169.34727 (09012907)		
3874107.0	176.09505 (12112617)	172.63332 (12112617)	169.20185 (12112617)
165.49267 (12112617)	163.31883 (12112617)		
3874057.0	172.90017 (12112617)	171.07272 (12112617)	169.27367 (12112617)
166.86679 (12112617)	164.19596 (12112617)		
3874007.0	173.23121 (12112617)	171.46153 (12112617)	169.72423 (12112617)
168.01879 (12112617)	166.03076 (12112617)		
3873957.0	173.15148 (12112617)	171.53204 (12112617)	169.30167 (12112617)
167.72683 (12112617)	166.17081 (12112617)		
3873907.0	169.31669 (12112617)	167.90489 (12112617)	166.74156 (12112617)
165.26696 (12112617)	163.77467 (12112617)		
3873857.0	160.08885 (12112617)	159.43671 (12112617)	158.66624 (12112617)
158.28859 (12112617)	156.80516 (12112617)		
3873807.0	163.82021 (12022307)	159.42192 (12022307)	155.55079 (12022307)
151.26650 (12022307)	148.22255 (10012908)		
3873757.0	167.48679 (12022307)	163.65556 (12022307)	160.41934 (12022307)
156.77658 (12022307)	153.36241 (12022307)		
3873707.0	168.76692 (12022307)	166.09109 (12022307)	162.33515 (12022307)
159.56155 (12022307)	156.38275 (12022307)		
3873657.0	168.83940 (12022307)	166.67809 (12022307)	163.40342 (12022307)
160.75094 (12022307)	157.68699 (12022307)		
3873607.0	166.08345 (12022307)	164.01547 (12022307)	162.43828 (12022307)
159.34009 (12022307)	156.43880 (12022307)		
3873557.0	159.98620 (12022307)	159.11572 (12022307)	157.59503 (12022307)

156.43606 (12022307) 154.37090 (12022307)  
3873507.0 | 148.74368 (12022307) 149.32558 (12022307) 149.20097 (12022307)  
148.97081 (12022307) 148.38889 (12022307)  
3873457.0 | 132.67342 (12022307) 135.15768 (12022307) 136.47412 (12022307)  
137.92985 (12022307) 138.71516 (12022307)  
3873407.0 | 135.78055 (11121207) 130.06597 (11121207) 123.97166 (11121207)  
122.71074 (12022307) 125.28390 (12022307)  
3873357.0 | 141.92441 (11121207) 136.96341 (11121207) 132.00887 (11121207)  
126.60954 (11121207) 121.05196 (11121207)  
3873307.0 | 145.82293 (11121207) 142.15145 (11121207) 137.83663 (11121207)  
132.94980 (11121207) 128.32636 (11121207)  
3873257.0 | 146.29982 (11121207) 143.45314 (11121207) 139.49933 (11121207)  
136.76375 (11121207) 130.82522 (11121207)  
3873207.0 | 148.09261 (09010807) 142.12658 (09010807) 140.51242 (11121207)  
136.56582 (11121207) 134.39347 (11121207)  
3873157.0 | 148.62240 (09010807) 146.01138 (09010807) 139.71364 (09010807)  
136.32822 (09010807) 133.73281 (11121207)

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: 1005 \*\*\*  
INCLUDING SOURCE(S): 1005 ,

\*\*\* NETWORK ID: DESERTL ; NETWORK TYPE:  
GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3  
\*\*

Y-COORD | X-COORD (METERS)  
(METERS) | 436600.40 436650.40 436700.40  
436750.40 436800.40

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3874157.0 | 168.22669 (09012907) 165.52894 (09012907) 163.57145 (09012907)  
160.92676 (09012907) 159.78814 (09012907)  
3874107.0 | 161.72430 (12112617) 159.55652 (12112617) 156.87004 (12112617)  
154.63011 (09012907) 153.04842 (09012907)  
3874057.0 | 162.50986 (12112617) 160.53805 (12112617) 158.00607 (12112617)  
155.51288 (12112617) 153.34490 (12112617)  
3874007.0 | 163.77733 (12112617) 160.64332 (12112617) 158.49381 (12112617)  
156.38852 (12112617) 154.01514 (12112617)  
3873957.0 | 163.73444 (12112617) 160.71488 (12112617) 158.34494 (12112617)

156.32603 (12112617) 154.02884 (12112617)  
3873907.0 | 161.12203 (12112617) 159.02745 (12112617) 156.62022 (12112617)  
154.82272 (12112617) 152.72765 (12112617)  
3873857.0 | 155.74162 (12112617) 153.79164 (12112617) 152.29709 (12112617)  
150.44833 (12112617) 149.42097 (12112617)  
3873807.0 | 145.13264 (10012908) 143.55986 (12112617) 142.58679 (12112617)  
142.22598 (12112617) 141.48794 (12112617)  
3873757.0 | 148.92144 (12022307) 145.32041 (12022307) 141.42772 (10012908)  
138.14079 (10012908) 135.59664 (10012908)  
3873707.0 | 152.80504 (12022307) 149.49251 (12022307) 145.44383 (12022307)  
142.30009 (12022307) 138.09100 (12022307)  
3873657.0 | 154.56787 (12022307) 151.74298 (12022307) 148.85844 (12022307)  
146.24873 (12022307) 142.55340 (12022307)  
3873607.0 | 153.43089 (12022307) 152.16004 (12022307) 149.72739 (12022307)  
147.22967 (12022307) 144.67055 (12022307)  
3873557.0 | 152.07379 (12022307) 150.31629 (12022307) 149.14356 (12022307)  
146.42744 (12022307) 143.60726 (12022307)  
3873507.0 | 147.81931 (12022307) 146.29213 (12022307) 144.85335 (12022307)  
143.55911 (12022307) 141.72603 (12022307)  
3873457.0 | 139.72366 (12022307) 139.46210 (12022307) 138.83261 (12022307)  
137.52627 (12022307) 136.24009 (12022307)  
3873407.0 | 127.52804 (12022307) 128.04807 (12022307) 128.40729 (12022307)  
127.70270 (12022307) 127.55572 (12022307)  
3873357.0 | 115.14498 (11121207) 112.68737 (12022307) 113.93595 (12022307)  
114.46443 (12022307) 115.47587 (12022307)  
3873307.0 | 122.47108 (11121207) 116.21001 (11121207) 109.83635 (11121207)  
103.40753 (11121207) 101.70350 (12022307)  
3873257.0 | 127.40603 (11121207) 121.74387 (11121207) 115.88410 (11121207)  
110.16749 (11121207) 106.00096 (11121207)  
3873207.0 | 130.28734 (11121207) 126.37319 (11121207) 120.94774 (11121207)  
117.04691 (11121207) 113.47464 (11121207)  
3873157.0 | 130.94780 (11121207) 128.81733 (11121207) 124.41418 (11121207)  
122.02641 (11121207) 119.25637 (11121207)

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: 1005 \*\*\*  
INCLUDING SOURCE(S): 1005 ,

\*\*\* NETWORK ID: DESERTL ; NETWORK TYPE:  
GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD  
(METERS)

436850.40

X-COORD (METERS)

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3874157.0		158.19424	(09012907)
3874107.0		151.28598	(09012907)
3874057.0		151.20363	(12112617)
3874007.0		151.68343	(12112617)
3873957.0		151.76691	(12112617)
3873907.0		151.25907	(12112617)
3873857.0		148.05924	(12112617)
3873807.0		141.16301	(12112617)
3873757.0		132.69459	(10012908)
3873707.0		135.96134	(10012908)
3873657.0		139.46138	(12022307)
3873607.0		141.69968	(12022307)
3873557.0		141.80120	(12022307)
3873507.0		139.74100	(12022307)
3873457.0		135.05265	(12022307)
3873407.0		128.09880	(12022307)
3873357.0		117.09572	(12022307)
3873307.0		104.54680	(12022307)
3873257.0		101.67165	(11121207)
3873207.0		109.66787	(11121207)
3873157.0		116.15353	(11121207)

▲ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*  
 \*\*\* 09/09/20  
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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1005 \*\*\*

INCLUDING SOURCE(S): 1005 ,

\*\*\* NETWORK ID: BORON ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD  
(METERS)

439957.60

440007.60

X-COORD (METERS)

440057.60

440107.60

440157.60

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3874057.0	89.14765 (09012907)	88.85890 (09012907)	88.56921 (09012907)
88.27814 (09012907)	87.80854 (09012907)		
3874007.0	87.99596 (09012907)	87.76919 (09012907)	87.03964 (09012907)
86.81584 (09012907)	86.59097 (09012907)		
3873957.0	83.83659 (09012907)	83.72263 (09012907)	83.14628 (09012907)
83.02938 (09012907)	82.75703 (09012907)		
3873907.0	77.19726 (09012907)	76.95731 (09012907)	76.71320 (09012907)
76.46417 (09012907)	76.35046 (09012907)		
3873857.0	67.69077 (09012907)	67.90852 (09012907)	67.73745 (09012907)
67.55657 (09012907)	67.49600 (09012907)		
3873807.0	67.94377 (12112617)	66.07903 (12112617)	64.33841 (12112617)
62.46693 (12112617)	60.72052 (12112617)		
3873757.0	74.67573 (12112617)	73.15478 (12112617)	71.61745 (12112617)
70.06522 (12112617)	68.49791 (12112617)		
3873707.0	79.72970 (12112617)	78.27004 (12112617)	77.12226 (12112617)
75.78813 (12112617)	74.43977 (12112617)		
3873657.0	82.85723 (12112617)	81.59304 (12112617)	80.83944 (12112617)
79.71909 (12112617)	78.57654 (12112617)		
3873607.0	84.54279 (12112617)	83.81421 (12112617)	82.69553 (12112617)
82.12056 (12112617)	80.97907 (12112617)		
3873557.0	85.63511 (12112617)	84.67000 (12112617)	83.69565 (12112617)
83.28339 (12112617)	82.28910 (12112617)		
3873507.0	85.03713 (12112617)	84.23199 (12112617)	83.41129 (12112617)
82.77013 (12112617)	82.30683 (12112617)		
3873457.0	83.13924 (12112617)	82.54300 (12112617)	82.11288 (12112617)
81.65740 (12112617)	81.17969 (12112617)		
3873407.0	79.58719 (12112617)	79.27659 (12112617)	78.92362 (12112617)
78.90043 (12112617)	78.83990 (12112617)		
3873357.0	74.02928 (12112617)	74.06996 (12112617)	74.22308 (12112617)
74.33235 (12112617)	74.56324 (12112617)		
3873307.0	66.33366 (12112617)	66.75468 (12112617)	67.41673 (12112617)
67.88099 (12112617)	68.28820 (12112617)		
3873257.0	56.77878 (12112617)	57.67542 (12112617)	58.51632 (12112617)
59.17258 (12112617)	60.05496 (12112617)		
3873207.0	45.36622 (12112617)	46.22833 (12112617)	47.53793 (12112617)
48.81756 (12112617)	49.30915 (12112617)		
3873157.0	51.24200 (10012908)	49.08955 (10012908)	46.79830 (10012908)
43.73368 (10012908)	41.46841 (10012908)		
3873107.0	58.59540 (10012908)	55.46371 (10012908)	53.39398 (10012908)
51.41095 (10012908)	48.66117 (10012908)		
3873057.0	63.21168 (10012908)	61.62849 (10012908)	59.97396 (10012908)
57.40825 (10012908)	55.10311 (10012908)		
3873007.0	66.19934 (10012908)	64.98774 (10012908)	63.69839 (10012908)
62.33143 (10012908)	60.58879 (10012908)		
3872957.0	69.45265 (10012908)	68.55405 (10012908)	67.23710 (10012908)
65.01580 (10012908)	63.76279 (10012908)		
3872907.0	69.63299 (10012908)	69.05811 (10012908)	68.41390 (10012908)
67.70021 (10012908)	65.86316 (10012908)		
3872857.0	69.95658 (10012908)	69.65720 (10012908)	67.97574 (10012908)

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67.56351 (10012908)    67.08459 (10012908)
3872807.0 |    68.43283 (10012908)    68.41325 (10012908)    68.32571 (10012908)
68.17113 (10012908)    66.27401 (10012908)
3872757.0 |    66.99046 (12022307)    66.62960 (12022307)    65.71717 (10012908)
65.84816 (10012908)    65.16489 (10012908)
3872707.0 |    66.33476 (12022307)    65.60812 (12022307)    65.02463 (12022307)
63.70592 (12022307)    63.43466 (12022307)
3872657.0 |    63.46969 (12022307)    63.48568 (12022307)    63.64459 (12022307)
61.73159 (12022307)    61.74762 (12022307)
3872607.0 |    61.25748 (12022307)    60.09025 (12022307)    59.69094 (12022307)
59.20669 (12022307)    59.50648 (12022307)
3872557.0 |    55.99409 (12022307)    55.65344 (12022307)    55.61174 (12022307)
56.29421 (12022307)    56.89238 (12022307)

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*** 09/09/20
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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: 1005 ***
INCLUDING SOURCE(S): 1005 ,
*** NETWORK ID: BORON ; NETWORK TYPE:
GRIDCART ***

```

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

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Y-COORD | X-COORD (METERS)
(METERS) | 440207.60 440257.60 440307.60
440357.60 440407.60

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3874057.0 | 86.98608 (09012907) 86.16713 (09012907) 85.35131 (09012907)
84.53966 (09012907) 84.27076 (09012907)
3874007.0 | 86.36375 (09012907) 84.64639 (09012907) 83.92307 (09012907)
83.71322 (09012907) 82.99582 (09012907)
3873957.0 | 82.33115 (09012907) 81.28555 (09012907) 80.85459 (09012907)
80.58098 (09012907) 79.99177 (09012907)
3873907.0 | 76.09179 (09012907) 75.68620 (09012907) 75.27316 (09012907)
75.14178 (09012907) 74.86437 (09012907)
3873857.0 | 67.55592 (09012907) 67.34987 (09012907) 67.52411 (09012907)
67.30291 (09012907) 67.46278 (09012907)
3873807.0 | 59.09442 (12112617) 57.46511 (12112617) 57.51310 (09012907)
57.60324 (09012907) 57.68539 (09012907)
3873757.0 | 67.05528 (12112617) 65.45982 (12112617) 63.98798 (12112617)

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62.37192 (12112617)	60.87745 (12112617)		
3873707.0   73.06880 (12112617)	71.68528 (12112617)	70.57533 (12112617)	
69.00983 (12112617)	67.85551 (12112617)		
3873657.0   77.42108 (12112617)	76.24450 (12112617)	74.89021 (12112617)	
73.84246 (12112617)	72.61535 (12112617)		
3873607.0   80.18622 (12112617)	79.19854 (12112617)	78.01799 (12112617)	
77.17541 (12112617)	76.14216 (12112617)		
3873557.0   81.65715 (12112617)	80.82818 (12112617)	79.42672 (12112617)	
78.76265 (12112617)	78.07914 (12112617)		
3873507.0   81.63753 (12112617)	81.14532 (12112617)	80.44971 (12112617)	
79.36111 (12112617)	78.64129 (12112617)		
3873457.0   80.87230 (12112617)	80.73259 (12112617)	80.19611 (12112617)	
79.07827 (12112617)	78.51014 (12112617)		
3873407.0   78.57024 (12112617)	78.26993 (12112617)	78.30482 (12112617)	
77.58489 (12112617)	76.64953 (12112617)		
3873357.0   74.75420 (12112617)	74.39175 (12112617)	74.15422 (12112617)	
73.52795 (12112617)	73.21017 (12112617)		
3873307.0   68.48962 (12112617)	68.79769 (12112617)	68.24325 (12112617)	
67.78618 (12112617)	67.77141 (12112617)		
3873257.0   60.74743 (12112617)	61.24995 (12112617)	61.25077 (12112617)	
60.27139 (12112617)	61.05089 (12112617)		
3873207.0   49.99702 (12112617)	50.37594 (12112617)	51.22810 (12112617)	
52.04381 (12112617)	53.08640 (12112617)		
3873157.0   39.10400 (12112617)	40.39495 (12112617)	41.66172 (12112617)	
42.90947 (12112617)	44.13340 (12112617)		
3873107.0   46.16388 (10012908)	44.13068 (10012908)	42.07897 (10012908)	
39.81250 (10012908)	37.06520 (10012908)		
3873057.0   53.30676 (10012908)	50.68701 (10012908)	48.57165 (10012908)	
46.43662 (10012908)	44.51678 (10012908)		
3873007.0   58.64309 (10012908)	56.36761 (10012908)	54.76667 (10012908)	
52.70081 (10012908)	50.21040 (10012908)		
3872957.0   62.60464 (10012908)	61.37108 (10012908)	58.68517 (10012908)	
57.19853 (10012908)	55.79585 (10012908)		
3872907.0   64.85722 (10012908)	63.44740 (10012908)	62.48374 (10012908)	
61.12504 (10012908)	59.39331 (10012908)		
3872857.0   66.36008 (10012908)	65.39750 (10012908)	63.50381 (10012908)	
62.79074 (10012908)	62.00942 (10012908)		
3872807.0   65.82520 (10012908)	65.50074 (10012908)	64.02607 (10012908)	
63.05292 (10012908)	62.56296 (10012908)		
3872757.0   64.79268 (10012908)	63.99090 (10012908)	63.87091 (10012908)	
63.69097 (10012908)	63.44832 (10012908)		
3872707.0   63.08985 (12022307)	63.29810 (10012908)	62.89567 (10012908)	
61.70388 (10012908)	61.72227 (10012908)		
3872657.0   61.69019 (12022307)	61.56171 (12022307)	61.14642 (12022307)	
60.87552 (12022307)	59.19830 (10012908)		
3872607.0   61.02268 (12022307)	59.87768 (12022307)	59.95216 (12022307)	
59.74273 (12022307)	59.04379 (12022307)		
3872557.0   57.40751 (12022307)	57.84143 (12022307)	58.19666 (12022307)	
58.26646 (12022307)	58.05423 (12022307)		

\*\*\* 09/09/20  
\*\*\* AERMET - VERSION 14134 \*\*\*  
\*\*\* 22:25:03

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: 1005 \*\*\*  
INCLUDING SOURCE(S): 1005 ,

\*\*\* NETWORK ID: BORON ; NETWORK TYPE:  
GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD (METERS)			X-COORD (METERS)
440607.60	440457.60	440507.60	440557.60
	440657.60		

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3874057.0	83.64655 (09012907)	83.20322 (09012907)	82.93717 (09012907)
82.66890	(09012907)	82.22890 (09012907)	
3874007.0	82.78916 (09012907)	82.58000 (09012907)	81.87235 (09012907)
81.66513	(09012907)	81.45632 (09012907)	
3873957.0	79.87320 (09012907)	79.75152 (09012907)	79.16243 (09012907)
79.03835	(09012907)	78.75939 (09012907)	
3873907.0	74.72576 (09012907)	74.58265 (09012907)	74.43549 (09012907)
74.28463	(09012907)	73.98924 (09012907)	
3873857.0	67.22721 (09012907)	67.37349 (09012907)	67.12425 (09012907)
67.25809	(09012907)	67.25735 (09012907)	
3873807.0	57.75791 (09012907)	57.93878 (09012907)	57.99429 (09012907)
58.16049	(09012907)	58.31839 (09012907)	
3873757.0	59.12410 (12112617)	57.61807 (12112617)	55.98416 (12112617)
54.58571	(12112617)	53.17743 (12112617)	
3873707.0	66.26326 (12112617)	64.93290 (12112617)	63.45375 (12112617)
62.09320	(12112617)	60.59161 (12112617)	
3873657.0	71.67956 (12112617)	70.41379 (12112617)	69.42693 (12112617)
68.12281	(12112617)	66.94574 (12112617)	
3873607.0	74.92171 (12112617)	74.19328 (12112617)	73.43313 (12112617)
72.32888	(12112617)	71.20466 (12112617)	
3873557.0	77.37965 (12112617)	76.48155 (12112617)	75.39792 (12112617)
74.82162	(12112617)	73.71174 (12112617)	
3873507.0	78.09803 (12112617)	77.16694 (12112617)	76.59710 (12112617)
75.82828	(12112617)	75.22856 (12112617)	
3873457.0	77.54873 (12112617)	76.76460 (12112617)	76.53036 (12112617)
75.72185	(12112617)	75.45550 (12112617)	
3873407.0	75.87458 (12112617)	75.26359 (12112617)	75.19394 (12112617)

74.73199 (12112617)	74.43753 (12112617)		
3873357.0   72.86105 (12112617)	72.47751 (12112617)	72.60708 (12112617)	
72.53039 (12112617)	72.60392 (12112617)		
3873307.0   68.22472 (12112617)	68.12733 (12112617)	68.50107 (12112617)	
68.84288 (12112617)	69.14536 (12112617)		
3873257.0   61.79322 (12112617)	62.33362 (12112617)	62.67071 (12112617)	
63.28447 (12112617)	63.85302 (12112617)		
3873207.0   54.09234 (12112617)	55.05972 (12112617)	55.98259 (12112617)	
56.01691 (12112617)	56.27431 (12112617)		
3873157.0   45.08548 (12112617)	45.88495 (12112617)	46.38957 (12112617)	
47.48667 (12112617)	48.54737 (12112617)		
3873107.0   34.96004 (10012908)	36.17298 (12112617)	37.40030 (12112617)	
38.61374 (12112617)	39.81011 (12112617)		
3873057.0   42.57183 (10012908)	39.97362 (10012908)	38.03138 (10012908)	
36.08792 (10012908)	34.15066 (10012908)		
3873007.0   48.35789 (10012908)	46.59141 (10012908)	44.78697 (10012908)	
42.94997 (10012908)	41.08807 (10012908)		
3872957.0   54.32727 (10012908)	52.79481 (10012908)	51.20368 (10012908)	
49.55799 (10012908)	47.86323 (10012908)		
3872907.0   57.93000 (10012908)	56.41266 (10012908)	55.13615 (10012908)	
53.79336 (10012908)	52.38555 (10012908)		
3872857.0   60.66298 (10012908)	59.75301 (10012908)	58.77310 (10012908)	
57.10769 (10012908)	55.55457 (10012908)		
3872807.0   61.83593 (10012908)	61.22016 (10012908)	60.53895 (10012908)	
59.79179 (10012908)	58.97795 (10012908)		
3872757.0   62.07752 (10012908)	61.72670 (10012908)	61.31557 (10012908)	
60.84179 (10012908)	59.63279 (10012908)		
3872707.0   61.14096 (10012908)	61.04082 (10012908)	60.88099 (10012908)	
60.66229 (10012908)	60.38459 (10012908)		
3872657.0   59.23814 (10012908)	59.39073 (10012908)	59.48034 (10012908)	
59.50886 (10012908)	59.47763 (10012908)		
3872607.0   58.07787 (12022307)	57.47269 (12022307)	57.28533 (10012908)	
57.57007 (10012908)	57.78953 (10012908)		
3872557.0   56.73644 (12022307)	56.59761 (12022307)	56.18818 (12022307)	
56.12283 (12022307)	55.99138 (12022307)		

▲ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*  
\*\*\* 09/09/20

\*\*\* AERMET - VERSION 14134 \*\*\* \*\*  
\*\*\* 22:25:03

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: 1005 \*\*\*  
INCLUDING SOURCE(S): 1005 ,

\*\*\* NETWORK ID: BORON ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD				X-COORD (METERS)
(METERS)	440707.60		440757.60	440807.60
	440857.60	440907.60		

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3874057.0	81.61985 (09012907)	80.67211 (09012907)	80.07069 (09012907)
79.12769 (09012907)	78.87674 (09012907)		
3874007.0	80.75660 (09012907)	80.22198 (09012907)	79.68956 (09012907)
78.99450 (09012907)	78.30132 (09012907)		
3873957.0	78.32507 (09012907)	77.89107 (09012907)	77.45599 (09012907)
76.86471 (09012907)	76.73745 (09012907)		
3873907.0	73.83236 (09012907)	73.38835 (09012907)	73.22539 (09012907)
72.91627 (09012907)	72.46133 (09012907)		
3873857.0	67.11939 (09012907)	67.10440 (09012907)	66.82523 (09012907)
66.66893 (09012907)	66.50759 (09012907)		
3873807.0	58.58484 (09012907)	58.72621 (09012907)	58.74187 (09012907)
58.86683 (09012907)	58.86926 (09012907)		
3873757.0	51.54622 (12112617)	50.02798 (12112617)	49.05220 (09012907)
49.20944 (09012907)	49.57096 (09012907)		
3873707.0	59.57945 (12112617)	58.29588 (12112617)	56.64372 (12112617)
55.10957 (12112617)	53.34484 (12112617)		
3873657.0	65.88678 (12112617)	64.80239 (12112617)	63.69218 (12112617)
62.04450 (12112617)	60.26145 (12112617)		
3873607.0	70.37601 (12112617)	69.51682 (12112617)	68.48358 (12112617)
66.99201 (12112617)	65.34856 (12112617)		
3873557.0	73.09584 (12112617)	72.45454 (12112617)	71.30074 (12112617)
70.29659 (12112617)	68.95826 (12112617)		
3873507.0	74.43557 (12112617)	73.98028 (12112617)	72.98286 (12112617)
71.97559 (12112617)	71.12703 (12112617)		
3873457.0	74.80699 (12112617)	74.32478 (12112617)	73.64897 (12112617)
73.13976 (12112617)	72.43709 (12112617)		
3873407.0	74.30846 (12112617)	73.61162 (12112617)	73.26470 (12112617)
72.72140 (12112617)	72.16435 (12112617)		
3873357.0	72.29451 (12112617)	71.96097 (12112617)	71.78401 (12112617)
71.58741 (12112617)	71.36976 (12112617)		
3873307.0	69.07529 (12112617)	69.14534 (12112617)	69.00799 (12112617)
69.01740 (12112617)	68.82453 (12112617)		
3873257.0	64.38364 (12112617)	64.39987 (12112617)	64.69038 (12112617)
64.78688 (12112617)	64.84388 (12112617)		
3873207.0	57.07240 (12112617)	57.83064 (12112617)	58.54523 (12112617)
59.22518 (12112617)	59.86385 (12112617)		
3873157.0	49.57668 (12112617)	50.57334 (12112617)	51.53030 (12112617)
52.45580 (12112617)	53.34277 (12112617)		
3873107.0	40.98487 (12112617)	42.14200 (12112617)	43.27068 (12112617)
43.32895 (12112617)	44.39546 (12112617)		
3873057.0	32.23001 (10012908)	32.69787 (12112617)	33.49060 (12112617)

34.66021 (12112617)	35.81981 (12112617)		
3873007.0   39.21073 (10012908)	37.32412 (10012908)	35.34188 (10012908)	
33.28543 (10012908)	31.08935 (10012908)		
3872957.0   45.06388 (10012908)	43.33094 (10012908)	41.45722 (10012908)	
39.67454 (10012908)	37.87651 (10012908)		
3872907.0   50.91752 (10012908)	49.39301 (10012908)	47.07337 (10012908)	
45.47685 (10012908)	43.37606 (10012908)		
3872857.0   54.39741 (10012908)	53.17334 (10012908)	51.88615 (10012908)	
50.53640 (10012908)	48.87043 (10012908)		
3872807.0   58.09536 (10012908)	57.14398 (10012908)	55.82820 (10012908)	
53.73274 (10012908)	52.47666 (10012908)		
3872757.0   59.04552 (10012908)	58.39376 (10012908)	57.67913 (10012908)	
56.89983 (10012908)	55.44510 (10012908)		
3872707.0   60.04803 (10012908)	58.97900 (10012908)	58.03360 (10012908)	
57.53297 (10012908)	56.97164 (10012908)		
3872657.0   59.38578 (10012908)	59.23529 (10012908)	59.02810 (10012908)	
58.76253 (10012908)	58.43792 (10012908)		
3872607.0   57.94565 (10012908)	58.04005 (10012908)	57.40041 (10012908)	
57.37914 (10012908)	57.29920 (10012908)		
3872557.0   55.79375 (12022307)	55.72418 (10012908)	55.68145 (10012908)	
55.08211 (10012908)	55.24340 (10012908)		

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      ***                09/09/20
*** AERMET - VERSION 14134 *** ***
      ***                22:25:03

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: 1005 ***
INCLUDING SOURCE(S): 1005 ,

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*** NETWORK ID: BORON ; NETWORK TYPE:
GRIDCART ***

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\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

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Y-COORD		X-COORD (METERS)
(METERS)	440957.60	441007.60
	441107.60	441157.60

3874057.0	78.28510 (09012907)	78.03409 (09012907)	77.44735 (09012907)
76.19071 (09012907)	75.10316 (09012907)		
3874007.0	78.59130 (09012907)	77.90543 (09012907)	77.38257 (09012907)
76.37393 (09012907)	75.36226 (09012907)		
3873957.0	76.60714 (09012907)	76.17186 (09012907)	75.73753 (09012907)

74.84159 (09012907)	73.78195 (09012907)		
3873907.0   72.43363 (09012907)	72.40120 (09012907)	72.08355 (09012907)	
71.47782 (09012907)	70.57442 (09012907)		
3873857.0   66.47349 (09012907)	66.43354 (09012907)	66.12606 (09012907)	
65.81204 (09012907)	65.49309 (09012907)		
3873807.0   58.74614 (09012907)	58.61409 (09012907)	58.47323 (09012907)	
58.32314 (09012907)	58.16564 (09012907)		
3873757.0   49.50254 (09012907)	49.31407 (09012907)	49.33029 (09012907)	
49.55616 (09012907)	49.55668 (09012907)		
3873707.0   51.70275 (12112617)	50.06594 (12112617)	48.43936 (12112617)	
46.82182 (12112617)	45.53428 (12112617)		
3873657.0   58.73591 (12112617)	57.20465 (12112617)	55.79636 (12112617)	
54.25925 (12112617)	52.96208 (12112617)		
3873607.0   64.13051 (12112617)	62.75826 (12112617)	61.37516 (12112617)	
60.39459 (12112617)	59.12331 (12112617)		
3873557.0   67.61302 (12112617)	66.57068 (12112617)	65.36096 (12112617)	
64.59309 (12112617)	63.79896 (12112617)		
3873507.0   70.26826 (12112617)	68.88843 (12112617)	68.17341 (12112617)	
67.60061 (12112617)	67.00329 (12112617)		
3873457.0   71.54596 (12112617)	70.64610 (12112617)	69.90909 (12112617)	
69.67497 (12112617)	68.90705 (12112617)		
3873407.0   71.77036 (12112617)	71.00744 (12112617)	70.40820 (12112617)	
69.97475 (12112617)	69.69871 (12112617)		
3873357.0   70.95271 (12112617)	70.34278 (12112617)	69.89347 (12112617)	
69.24970 (12112617)	69.12172 (12112617)		
3873307.0   68.77664 (12112617)	68.36051 (12112617)	68.26263 (12112617)	
67.79767 (12112617)	67.48372 (12112617)		
3873257.0   65.02767 (12112617)	65.34513 (12112617)	65.29979 (12112617)	
65.22645 (12112617)	65.12276 (12112617)		
3873207.0   60.46220 (12112617)	61.02770 (12112617)	60.33938 (12112617)	
60.52098 (12112617)	60.97403 (12112617)		
3873157.0   53.51762 (12112617)	53.64465 (12112617)	54.41053 (12112617)	
55.14439 (12112617)	55.84104 (12112617)		
3873107.0   45.31442 (12112617)	46.32626 (12112617)	47.30310 (12112617)	
48.25350 (12112617)	49.17027 (12112617)		
3873057.0   36.96244 (12112617)	37.46327 (12112617)	38.56443 (12112617)	
39.65116 (12112617)	40.27250 (12112617)		
3873007.0   30.10398 (13112808)	30.18949 (13112808)	30.25252 (13112808)	
30.75909 (12112617)	31.86636 (12112617)		
3872957.0   35.87617 (10012908)	33.42906 (10012908)	31.57628 (10012908)	
29.83057 (10012908)	28.91000 (13112808)		
3872907.0   41.72030 (10012908)	40.03466 (10012908)	38.32602 (10012908)	
36.01203 (10012908)	34.30463 (10012908)		
3872857.0   47.29299 (10012908)	45.06748 (10012908)	43.43313 (10012908)	
41.76675 (10012908)	39.96624 (10012908)		
3872807.0   51.30263 (10012908)	50.06763 (10012908)	47.99191 (10012908)	
46.16069 (10012908)	44.80110 (10012908)		
3872757.0   54.10002 (10012908)	52.71274 (10012908)	51.70966 (10012908)	
50.64468 (10012908)	49.51807 (10012908)		
3872707.0   56.34862 (10012908)	55.20106 (10012908)	54.46311 (10012908)	



52.62498 (10012908) 51.78391 (10012908)  
3872657.0 | 56.58959 (10012908) 56.00758 (10012908) 55.52981 (10012908)  
54.99281 (10012908) 53.02241 (10012908)  
3872607.0 | 56.83233 (10012908) 55.99004 (10012908) 55.42795 (10012908)  
54.81730 (10012908) 54.47425 (10012908)  
3872557.0 | 55.34675 (10012908) 55.39138 (10012908) 55.37896 (10012908)  
55.14957 (10012908) 54.70801 (10012908)

▲ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*  
\*\*\* 09/09/20  
\*\*\* AERMET - VERSION 14134 \*\*\* \*\*  
\*\*\* 22:25:03

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: 1005 \*\*\*  
INCLUDING SOURCE(S): 1005 ,

\*\*\* NETWORK ID: BORON ; NETWORK TYPE:  
GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD | X-COORD (METERS)  
(METERS) | 441207.60 441257.60 441307.60  
441357.60 441407.60

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3874057.0 | 74.18943 (09012907) 73.45069 (09012907) 73.05726 (09012907)  
72.66438 (09012907) 72.10441 (09012907)  
3874007.0 | 74.34972 (09012907) 73.83880 (09012907) 73.33045 (09012907)  
72.82360 (09012907) 72.48405 (09012907)  
3873957.0 | 73.18856 (09012907) 72.59614 (09012907) 72.32069 (09012907)  
71.88801 (09012907) 71.45670 (09012907)  
3873907.0 | 70.10076 (09012907) 69.62412 (09012907) 69.58836 (09012907)  
69.10930 (09012907) 68.92321 (09012907)  
3873857.0 | 65.16778 (09012907) 64.83741 (09012907) 64.50258 (09012907)  
64.56931 (09012907) 64.49536 (09012907)  
3873807.0 | 58.12357 (09012907) 58.19717 (09012907) 58.02084 (09012907)  
58.20491 (09012907) 58.13733 (09012907)  
3873757.0 | 49.65905 (09012907) 49.86418 (09012907) 49.95221 (09012907)  
50.03240 (09012907) 50.21598 (09012907)  
3873707.0 | 44.04081 (12112617) 42.66054 (12112617) 41.09299 (12112617)  
40.98090 (09012907) 41.36595 (09012907)  
3873657.0 | 51.54055 (12112617) 50.23249 (12112617) 48.80869 (12112617)  
47.60498 (12112617) 46.29004 (12112617)  
3873607.0 | 57.97336 (12112617) 56.67884 (12112617) 55.50283 (12112617)

54.18922 (12112617)	52.99102 (12112617)		
3873557.0   62.68968 (12112617)	61.70760 (12112617)	60.42743 (12112617)	
59.55048 (12112617)	58.24803 (12112617)		
3873507.0   66.06574 (12112617)	65.11537 (12112617)	64.30115 (12112617)	
63.16869 (12112617)	62.46873 (12112617)		
3873457.0   67.96098 (12112617)	67.16951 (12112617)	66.36381 (12112617)	
65.38268 (12112617)	64.87161 (12112617)		
3873407.0   68.88624 (12112617)	68.06440 (12112617)	67.23124 (12112617)	
66.38850 (12112617)	65.87405 (12112617)		
3873357.0   68.44752 (12112617)	67.76453 (12112617)	67.06593 (12112617)	
66.18299 (12112617)	65.63654 (12112617)		
3873307.0   66.97497 (12112617)	66.79463 (12112617)	65.90301 (12112617)	
65.16789 (12112617)	64.76423 (12112617)		
3873257.0   64.98786 (12112617)	64.49724 (12112617)	64.14207 (12112617)	
63.76428 (12112617)	63.69659 (12112617)		
3873207.0   61.38979 (12112617)	60.68719 (12112617)	60.56467 (12112617)	
60.25370 (12112617)	60.06675 (12112617)		
3873157.0   56.49834 (12112617)	55.69732 (12112617)	56.27807 (12112617)	
55.95064 (12112617)	55.87036 (12112617)		
3873107.0   48.91150 (12112617)	49.62785 (12112617)	50.43350 (12112617)	
49.89031 (12112617)	50.35031 (12112617)		
3873057.0   41.30782 (12112617)	41.64001 (12112617)	42.15445 (12112617)	
43.10558 (12112617)	43.17440 (12112617)		
3873007.0   32.29521 (12112617)	33.37546 (12112617)	34.43999 (12112617)	
34.77383 (12112617)	35.37684 (12112617)		
3872957.0   29.02435 (13112808)	29.11565 (13112808)	29.18054 (13112808)	
29.24134 (13112808)	29.26074 (13112808)		
3872907.0   32.23437 (10012908)	30.54768 (10012908)	28.87354 (10012908)	
27.72519 (13112808)	27.84731 (13112808)		
3872857.0   38.36376 (10012908)	36.73802 (10012908)	34.52089 (10012908)	
32.80374 (10012908)	31.18100 (10012908)		
3872807.0   43.39268 (10012908)	41.94095 (10012908)	40.45117 (10012908)	
38.92832 (10012908)	36.46315 (10012908)		
3872757.0   47.54894 (10012908)	46.33073 (10012908)	45.05948 (10012908)	
43.26199 (10012908)	41.21936 (10012908)		
3872707.0   50.88300 (10012908)	49.78082 (10012908)	48.49300 (10012908)	
46.89969 (10012908)	45.40640 (10012908)		
3872657.0   52.39224 (10012908)	51.55552 (10012908)	50.80914 (10012908)	
50.00277 (10012908)	48.86196 (10012908)		
3872607.0   54.07502 (10012908)	53.61850 (10012908)	52.20263 (10012908)	
51.64695 (10012908)	50.43780 (10012908)		
3872557.0   53.41199 (10012908)	53.19330 (10012908)	52.92111 (10012908)	
52.28221 (10012908)	51.44295 (10012908)		

▲ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*  
\*\*\* 09/09/20  
\*\*\* AERMET - VERSION 14134 \*\*\* \*\*  
\*\*\* 22:25:03

VALUES FOR SOURCE GROUP: 1005 \*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 INCLUDING SOURCE(S): 1005 ,

GRIDCART \*\*\* \*\*\* NETWORK ID: BORON ; NETWORK TYPE:

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3  
 \*\*

Y-COORD | X-COORD (METERS)  
 (METERS) | 441457.60

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 3874057.0 | 71.38093 (09012907)  
 3874007.0 | 72.30755 (09012907)  
 3873957.0 | 71.18172 (09012907)  
 3873907.0 | 68.58880 (09012907)  
 3873857.0 | 64.28277 (09012907)  
 3873807.0 | 58.18625 (09012907)  
 3873757.0 | 50.50235 (09012907)  
 3873707.0 | 41.45253 (09012907)  
 3873657.0 | 45.07865 (12112617)  
 3873607.0 | 51.89810 (12112617)  
 3873557.0 | 57.33337 (12112617)  
 3873507.0 | 61.30962 (12112617)  
 3873457.0 | 64.17940 (12112617)  
 3873407.0 | 65.17536 (12112617)  
 3873357.0 | 65.41949 (12112617)  
 3873307.0 | 64.68738 (12112617)  
 3873257.0 | 63.27094 (12112617)  
 3873207.0 | 59.84946 (12112617)  
 3873157.0 | 55.89215 (12112617)  
 3873107.0 | 49.93132 (12112617)  
 3873057.0 | 43.68835 (12112617)  
 3873007.0 | 35.52053 (12112617)  
 3872957.0 | 29.29321 (13112808)  
 3872907.0 | 27.97451 (13112808)  
 3872857.0 | 29.31134 (10012908)  
 3872807.0 | 34.83050 (10012908)  
 3872757.0 | 39.40614 (10012908)  
 3872707.0 | 43.88272 (10012908)  
 3872657.0 | 46.85878 (10012908)  
 3872607.0 | 48.90320 (10012908)  
 3872557.0 | 50.25968 (10012908)

\*\*\* AERMOD - VERSION 19191 \*\*\* \*\*\*  
 \*\*\* 09/09/20

\*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: 1005 \*\*\*  
INCLUDING SOURCE(S): 1005 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)
Y-COORD (M)	CONC	(YYMMDDHH)		
439914.00	3872794.00	68.10287	(10012908)	436263.00
3873356.00	149.67784	(11121207)		
435903.00	3873538.00	171.32255	(11121207)	435899.00
3873948.00	195.66066	(12112617)		
442261.30	3871403.00	18.74534	(13111117)	442263.60
3871503.00	21.21935	(13111117)		
442265.80	3871603.00	22.39732	(13111117)	442268.00
3871703.00	22.08368	(13111117)		
442270.30	3871803.00	23.62252	(12022307)	442272.50
3871903.00	31.20331	(12022307)		
442274.70	3872003.00	35.38164	(12022307)	442276.90
3872103.00	37.66960	(12022307)		
442279.20	3872203.00	39.17718	(10012908)	442281.40
3872303.00	40.72515	(10012908)		
442283.60	3872403.00	39.84077	(10012908)	442284.20
3872428.00	39.20966	(10012908)		
442184.30	3872431.00	41.17038	(10012908)	442084.30
3872435.00	42.43741	(10012908)		
441984.40	3872438.00	43.61893	(10012908)	441884.40
3872441.00	45.28750	(10012908)		
441784.50	3872445.00	46.20956	(10012908)	441684.50
3872448.00	48.08747	(10012908)		
441584.60	3872451.00	48.36619	(10012908)	441487.60
3872455.00	50.02441	(10012908)		
441485.00	3872355.00	46.67092	(10012908)	441482.40
3872255.00	46.34369	(12022307)		
441482.30	3872248.00	46.20240	(12022307)	441382.30
3872252.00	46.94797	(12022307)		
441283.60	3872255.00	46.57894	(12022307)	441281.30
3872155.00	39.83314	(12022307)		
441279.00	3872055.00	29.60353	(12022307)	441276.70

3871955.00	26.58527	(13111117)			
441274.30	3871855.00	25.55285	(13111117)		441274.10
3871844.00	25.37942	(13111117)			
441174.10	3871847.00	25.02597	(13111117)		441074.20
3871850.00	24.30942	(13111117)			
440974.20	3871853.00	23.63873	(13111117)		440874.30
3871856.00	25.16128	(12112207)			
440774.30	3871859.00	26.80953	(12112207)		440676.30
3871862.00	28.64911	(12112207)			
440674.00	3871762.00	29.26279	(12112207)		440671.70
3871662.00	30.76947	(11121207)			
440669.30	3871562.00	35.51186	(11121207)		440667.00
3871463.00	35.94689	(11121207)			
440666.80	3871450.00	35.84638	(11121207)		440766.70
3871447.00	34.84235	(11121207)			
440866.70	3871444.00	33.83129	(11121207)		440966.60
3871441.00	31.95470	(11121207)			
441066.60	3871438.00	30.18641	(11121207)		441166.50
3871435.00	28.17494	(11121207)			
441266.50	3871432.00	26.63140	(11121207)		441366.40
3871429.00	27.54444	(12112207)			
441466.40	3871426.00	27.48001	(12112207)		441566.40
3871423.00	27.05529	(12112207)			
441666.30	3871420.00	25.62724	(12112207)		441766.30
3871417.00	24.73834	(12112207)			
441866.20	3871415.00	23.41122	(12112207)		441966.20
3871412.00	20.84589	(12112207)			
442066.10	3871409.00	19.52470	(12112207)		442166.10
3871406.00	18.06525	(13111117)			
440693.20	3872567.00	56.31727	(12022307)		440695.70
3872667.00	59.39160	(10012908)			
440696.30	3872690.00	59.45729	(10012908)		440596.30
3872692.00	59.98030	(10012908)			
440496.30	3872695.00	60.36970	(10012908)		440495.40
3872695.00	60.37060	(10012908)			
440496.80	3872723.00	61.54538	(10012908)		440396.80
3872722.00	62.21684	(10012908)			
440296.80	3872722.00	63.67194	(10012908)		440196.80
3872721.00	63.43237	(10012908)			
440096.80	3872720.00	63.92888	(12022307)		439996.80
3872720.00	66.27369	(12022307)			
439896.80	3872719.00	66.70508	(12022307)		439887.70
3872719.00	66.70429	(12022307)			
439885.90	3872619.00	61.00595	(12022307)		439885.10
3872574.00	57.95543	(12022307)			
439985.10	3872573.00	57.64552	(12022307)		440085.10
3872572.00	56.77579	(12022307)			
440185.10	3872571.00	57.93209	(12022307)		440285.10
3872570.00	58.41418	(12022307)			

▲ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*\*

\*\*\* 09/09/20  
 \*\*\* AERMET - VERSION 14134 \*\*\*  
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1005  
 INCLUDING SOURCE(S): 1005 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)
Y-COORD (M)	CONC	(YYMMDDHH)		
440385.10	3872570.00	58.81904	(12022307)	440485.10
3872569.00	56.85690	(12022307)		
440585.10	3872568.00	56.73276	(12022307)	440685.10
3872567.00	56.35921	(12022307)		
440685.70	3872275.00	37.79689	(12022307)	440688.30
3872375.00	46.75120	(12022307)		
440690.80	3872475.00	54.19057	(12022307)	440692.00
3872520.00	54.65870	(12022307)		
440592.00	3872522.00	54.59130	(12022307)	440492.00
3872523.00	55.46526	(12022307)		
440392.00	3872525.00	55.75360	(12022307)	440292.00
3872526.00	56.30913	(12022307)		
440192.10	3872528.00	55.33518	(12022307)	440092.10
3872529.00	54.37776	(12022307)		
439992.10	3872531.00	54.45967	(12022307)	439892.10
3872532.00	52.46170	(12022307)		
439884.50	3872532.00	52.27704	(12022307)	439883.00
3872432.00	39.13638	(12022307)		
439881.50	3872332.00	32.04277	(13111117)	439880.80
3872278.00	30.72797	(13111117)		
439980.80	3872278.00	31.02875	(13111117)	440080.80
3872277.00	31.13093	(13111117)		
440180.80	3872277.00	30.86306	(13111117)	440280.80
3872277.00	30.56364	(13111117)		
440380.80	3872276.00	31.01696	(12022307)	440480.80
3872276.00	33.08866	(12022307)		
440580.80	3872275.00	35.20935	(12022307)	440680.80
3872275.00	37.68155	(12022307)		
437456.80	3871498.00	65.36187	(12110707)	437556.80

3871496.00	62.00628	(10012608)			
437656.80	3871495.00	59.34040	(10012608)		437756.80
3871494.00	56.25520	(10030507)			
437856.80	3871492.00	53.07353	(10030507)		437956.80
3871491.00	52.97392	(10031507)			
438056.80	3871490.00	51.96727	(10031507)		438156.80
3871488.00	49.63369	(10031507)			
438256.80	3871487.00	46.11472	(10031507)		438356.80
3871486.00	41.72641	(10031507)			
438456.70	3871484.00	44.24581	(13111317)		438556.70
3871483.00	44.32455	(13111317)			
438656.70	3871482.00	44.07819	(13111317)		438756.70
3871480.00	41.32698	(13111317)			
438856.70	3871479.00	37.79988	(13111317)		438956.70
3871478.00	32.42052	(13111317)			
439056.70	3871476.00	30.30547	(13021307)		439156.70
3871475.00	31.64890	(13021307)			
439256.70	3871474.00	32.01911	(13021307)		439356.70
3871472.00	31.33376	(13021307)			
439456.60	3871471.00	31.21151	(12120717)		439556.60
3871470.00	32.13500	(12120717)			
439656.60	3871468.00	32.89065	(12120717)		439756.60
3871467.00	34.03223	(12120717)			
439856.60	3871466.00	34.96577	(10030107)		439877.70
3871465.00	35.05609	(10030107)			
439879.30	3871565.00	35.21093	(10030107)		439880.80
3871665.00	38.91923	(11121207)			
439882.40	3871765.00	40.80270	(11121207)		439884.00
3871865.00	40.92159	(11121207)			
439885.60	3871965.00	40.09891	(11121207)		439887.10
3872065.00	36.40031	(12112207)			
439888.70	3872165.00	34.73620	(12112207)		439890.30
3872265.00	30.62878	(12112207)			
439891.90	3872365.00	32.59584	(13111117)		439893.40
3872465.00	43.52680	(12022307)			
439895.00	3872565.00	57.40229	(12022307)		439896.60
3872665.00	65.34071	(12022307)			
439898.20	3872765.00	68.58094	(12022307)		439899.80
3872865.00	70.76150	(10012908)			
439901.30	3872965.00	69.99334	(10012908)		439902.90
3873065.00	64.04020	(10012908)			
439903.70	3873112.00	59.95527	(10012908)		439803.70
3873113.00	63.49634	(10012908)			
439703.70	3873114.00	67.68666	(10012908)		439603.70
3873115.00	71.73807	(10012908)			
439503.70	3873116.00	75.63747	(10012908)		439403.70
3873117.00	79.39286	(10012908)			
439303.70	3873118.00	82.80808	(10012908)		439203.70
3873120.00	85.91166	(10012908)			
439103.70	3873121.00	89.52045	(10012908)		439003.70

3873122.00 92.87555 (10012908)  
 ^ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*\*  
 \*\*\* 09/09/20  
 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*  
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1005 \*\*\*  
 INCLUDING SOURCE(S): 1005 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	X-COORD (M)
Y-COORD (M)	CONC (YYMMDDHH)		
438903.70	3873123.00	94.19709 (10012908)	438803.70
3873124.00	95.23826 (12022307)		
438703.70	3873125.00	96.54901 (12022307)	438603.70
3873126.00	96.61364 (12022307)		
438503.80	3873127.00	97.47116 (12022307)	438403.80
3873128.00	98.05984 (12022307)		
438303.80	3873129.00	99.23541 (12022307)	438203.80
3873130.00	99.29841 (12022307)		
438103.80	3873131.00	98.89904 (12022307)	438003.80
3873132.00	97.97749 (12022307)		
437903.80	3873133.00	96.47254 (12022307)	437803.80
3873134.00	94.32523 (12022307)		
437703.80	3873135.00	91.48845 (12022307)	437603.80
3873137.00	90.92755 (12022307)		
437503.80	3873138.00	86.63449 (12022307)	437449.40
3873138.00	83.88651 (12022307)		
437449.80	3873038.00	78.46402 (11121207)	437450.30
3872938.00	89.06994 (11121207)		
437450.80	3872838.00	96.33335 (11121207)	437451.20
3872738.00	93.34058 (11121207)		
437451.70	3872638.00	91.25822 (10030107)	437452.10
3872538.00	89.54317 (12120717)		
437452.60	3872438.00	84.98278 (13021307)	437453.00
3872338.00	79.57736 (13021307)		
437453.50	3872238.00	79.51108 (13111317)	437453.90
3872138.00	79.14257 (13111317)		
437454.40	3872038.00	71.30393 (10031507)	437454.80



3871938.00	73.51290	(10031507)			
437455.30	3871838.00	70.73022	(10031507)		437455.70
3871738.00	67.47534	(10030507)			
437456.20	3871638.00	67.36206	(10012608)		437456.60
3871538.00	66.44513	(10012608)			
435800.90	3871509.00	97.81539	(10021507)		435900.90
3871509.00	96.19081	(10021507)			
436000.90	3871509.00	93.87771	(10021507)		436100.90
3871509.00	92.99689	(10021507)			
436200.90	3871509.00	90.40526	(13022207)		436300.90
3871509.00	91.22984	(13022207)			
436400.90	3871509.00	90.18314	(13022207)		436500.90
3871509.00	87.88538	(13022207)			
436600.90	3871509.00	84.30173	(13022207)		436700.90
3871509.00	79.12733	(13022207)			
436800.90	3871509.00	72.37814	(13020507)		436900.90
3871509.00	75.04885	(13020507)			
437000.90	3871509.00	74.70863	(13020507)		437100.90
3871509.00	72.65392	(13020507)			
437200.90	3871510.00	69.86642	(13012117)		437300.90
3871510.00	69.54437	(13012117)			
437400.90	3871510.00	66.07851	(12110707)		437448.90
3871510.00	65.47827	(10012608)			
437448.90	3871610.00	67.43243	(10012608)		437448.90
3871710.00	67.56830	(10030507)			
437448.90	3871810.00	70.02267	(10031507)		437448.90
3871910.00	73.65399	(10031507)			
437448.90	3872010.00	72.53060	(10031507)		437448.90
3872110.00	77.54771	(13111317)			
437448.90	3872210.00	80.15509	(13111317)		437448.90
3872310.00	78.60065	(13111317)			
437448.90	3872410.00	84.15493	(13021307)		437448.90
3872510.00	89.04937	(12120717)			
437448.90	3872610.00	90.34975	(10030107)		437449.00
3872710.00	91.61724	(11121207)			
437449.00	3872810.00	97.23784	(11121207)		437449.00
3872910.00	91.32737	(11121207)			
437449.00	3873010.00	81.62343	(11121207)		437449.00
3873110.00	77.29912	(12022307)			
437449.00	3873210.00	100.93036	(12022307)		437449.00
3873211.00	101.09434	(12022307)			
437349.00	3873212.00	99.16803	(12022307)		437249.00
3873213.00	94.89945	(12022307)			
437149.00	3873215.00	92.31690	(12022307)		437049.00
3873216.00	90.48069	(11121207)			
436949.00	3873217.00	99.91141	(11121207)		436849.00
3873218.00	108.13660	(11121207)			
436749.10	3873220.00	115.51469	(11121207)		436649.10
3873221.00	125.13896	(11121207)			
436549.10	3873222.00	133.68134	(11121207)		436449.10

3873224.00 140.59610 (11121207)  
 436349.10 3873225.00 147.78842 (09010807) 436249.10  
 3873226.00 157.20385 (09010807)

▲ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*\*  
 \*\*\* 09/09/20  
 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*  
 \*\*\* 22:25:03

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1005 \*\*\*  
 INCLUDING SOURCE(S): 1005 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)
Y-COORD (M)	CONC	(YYMMDDHH)		
436149.10	3873228.00	165.87798	(09010807)	436049.10
3873229.00	167.77618	(09010807)		
435949.10	3873230.00	173.23418	(13021307)	435849.10
3873232.00	177.83516	(13021307)		
435835.80	3873232.00	177.66656	(13021307)	435833.70
3873132.00	177.78576	(13111317)		
435831.70	3873032.00	163.33191	(10031507)	435829.70
3872932.00	159.95155	(09120207)		
435827.70	3872832.00	155.30141	(09120207)	435825.60
3872732.00	147.72612	(12110707)		
435823.60	3872632.00	139.48256	(13020507)	435821.60
3872532.00	134.51722	(13020507)		
435819.60	3872432.00	126.22775	(13020507)	435817.50
3872332.00	119.58850	(13022207)		
435815.50	3872232.00	117.83920	(13022207)	435813.50
3872132.00	112.96908	(13022207)		
435811.50	3872032.00	109.67636	(13022207)	435809.40
3871932.00	105.00389	(13022207)		
435807.40	3871832.00	103.89812	(10021507)	435805.40
3871732.00	102.42755	(10021507)		
435803.40	3871632.00	100.52477	(10021507)	435801.40
3871532.00	98.36245	(10021507)		
435809.00	3873839.00	203.11631	(12022307)	435714.00
3873870.00	209.19709	(12022307)		
435619.00	3873902.00	216.57715	(12022307)	435524.10

3873933.00	231.27819	(12022307)			
435484.00	3873946.00	235.55353	(12022307)		435384.10
3873949.00	244.54420	(12022307)			
435284.10	3873952.00	254.86240	(12022307)		435184.20
3873956.00	268.88057	(12022307)			
435084.20	3873959.00	282.22547	(12022307)		434984.30
3873962.00	292.58350	(12022307)			
434884.30	3873965.00	303.96467	(12022307)		434784.30
3873968.00	314.75426	(12022307)			
434684.40	3873971.00	340.07241	(09010807)		434626.00
3873973.00	358.75936	(09010807)			
434568.80	3873891.00	364.33629	(13111317)		434511.60
3873809.00	345.46014	(09120207)			
434511.00	3873808.00	345.12058	(09120207)		434416.00
3873777.00	328.63731	(13020507)			
434404.00	3873773.00	326.86056	(13020507)		434346.10
3873855.00	365.28501	(09120207)			
434288.20	3873936.00	416.04978	(09120207)		434279.00
3873949.00	425.85144	(09120207)			
434180.20	3873964.00	434.55410	(09120207)		434081.30
3873980.00	443.43913	(09120207)			
434026.00	3873988.00	446.44278	(13020507)		433926.00
3873987.00	438.35053	(13020507)			
433826.00	3873985.00	426.58475	(13022207)		433726.00
3873984.00	447.64412	(09010207)			
433626.00	3873982.00	462.94206	(09010207)		433526.10
3873981.00	464.64184	(09010207)			
433426.10	3873980.00	466.16292	(09010207)		433326.10
3873978.00	463.48204	(09010207)			
433226.10	3873977.00	460.90620	(09010207)		433126.10
3873975.00	453.69687	(09010207)			
433026.10	3873974.00	450.23254	(09010207)		432967.00
3873973.00	447.12024	(09010207)			
432867.60	3873963.00	435.68492	(10102007)		432770.00
3873952.00	444.24657	(10102007)			
432681.60	3873905.00	426.90324	(10102007)		432679.00
3873904.00	426.74185	(10102007)			
432681.20	3873804.00	348.30836	(09010207)		432683.40
3873704.00	315.84394	(09010207)			
432685.70	3873604.00	292.31838	(09010207)		432687.90
3873504.00	272.94713	(09010207)			
432690.10	3873404.00	257.24085	(09010207)		432691.00
3873364.00	250.90094	(09010207)			
432791.00	3873364.00	250.07909	(09010207)		432891.00
3873364.00	248.93020	(09010207)			
432991.00	3873364.00	247.68716	(09010207)		433091.00
3873364.00	246.10778	(09010207)			
433191.00	3873364.00	243.11427	(09010207)		433291.00
3873364.00	235.64038	(09010207)			
433391.00	3873364.00	218.11633	(09010207)		433491.00

3873364.00 200.93185 (10020307)  
 433591.00 3873364.00 202.39982 (12112107) 433691.00  
 3873364.00 203.60216 (12112107)  
 433791.00 3873364.00 204.61345 (12112107) 433891.00  
 3873365.00 204.96541 (12112107)  
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 \*\*\* 09/09/20  
 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*  
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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1005 \*\*\*  
 INCLUDING SOURCE(S): 1005 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)
Y-COORD (M)	CONC	(YYMMDDHH)		
433991.00	3873365.00	209.54229	(13120607)	434091.00
3873365.00	214.67377	(13120607)		
434191.00	3873365.00	217.11922	(13120607)	434291.00
3873365.00	218.60924	(10021507)		
434391.00	3873365.00	219.61166	(10021507)	434491.00
3873365.00	222.95349	(13022207)		
434591.00	3873365.00	225.49522	(13022207)	434691.00
3873365.00	226.25758	(13022207)		
434791.00	3873365.00	226.42962	(13020507)	434891.00
3873365.00	228.27278	(13020507)		
434991.00	3873365.00	227.87510	(12110707)	435091.00
3873365.00	227.76979	(09120207)		
435191.00	3873365.00	221.16664	(09120207)	435291.00
3873365.00	213.47995	(13111317)		
435391.00	3873365.00	215.63475	(13111317)	435491.00
3873365.00	208.68358	(13111317)		
435591.00	3873365.00	198.19524	(13021307)	435691.00
3873365.00	194.79470	(13021307)		
435791.00	3873365.00	190.65706	(09010807)	435836.00
3873365.00	189.08221	(09010807)		
435830.30	3873465.00	186.39240	(09010807)	435824.60
3873565.00	176.08465	(11121207)		
435818.90	3873665.00	185.24962	(12022307)	435813.30

3873764.00	202.85428	(12022307)			
	433343.00	3874839.00	735.43133	(11112117)	433243.10
3874835.00	762.73906	(12013117)			
	433143.20	3874831.00	802.80146	(12013117)	433043.30
3874827.00	836.37908	(12013117)			
	432943.30	3874823.00	864.72315	(12013117)	432843.40
3874819.00	875.45489	(12013117)			
	432809.00	3874817.00	879.57676	(12013117)	432808.50
3874717.00	836.96062	(12121907)			
	432807.90	3874617.00	821.76120	(12121907)	432807.40
3874517.00	807.72771	(13121007)			
	432807.00	3874449.00	806.00785	(09113007)	432707.00
3874448.00	815.07007	(13121007)			
	432675.00	3874448.00	813.42345	(13121007)	432675.30
3874348.00	839.74322	(09113007)			
	432675.70	3874248.00	834.51063	(09113007)	432676.00
3874164.00	849.22940	(09113007)			
	432754.00	3874129.00	802.13255	(09113007)	432853.50
3874119.00	738.47134	(09113007)			
	432953.00	3874109.00	684.97883	(09113007)	432999.00
3874104.00	669.90104	(10102007)			
	433099.00	3874105.00	648.39017	(10102007)	433199.00
3874105.00	631.60377	(10102007)			
	433299.00	3874106.00	607.23580	(10102007)	433399.00
3874106.00	575.64943	(09010207)			
	433499.00	3874107.00	578.18865	(09010207)	433599.00
3874107.00	587.51320	(09010207)			
	433699.00	3874108.00	586.54345	(09010207)	433799.00
3874108.00	592.83275	(09120207)			
	433899.00	3874109.00	608.70506	(09120207)	433999.00
3874109.00	621.53188	(13111317)			
	434099.00	3874110.00	636.83890	(13111317)	434169.00
3874110.00	648.25644	(09010807)			
	434176.00	3874210.00	647.07517	(12112617)	434183.00
3874310.00	656.33751	(09012907)			
	434190.00	3874409.00	663.38323	(13121217)	434197.00
3874509.00	661.10910	(13121217)			
	434204.00	3874609.00	679.69932	(09110217)	434211.00
3874709.00	725.80119	(09110217)			
	434217.90	3874808.00	761.17168	(09110217)	434218.00
3874809.00	760.50713	(09110217)			
	434118.10	3874813.00	753.23802	(09110217)	434018.10
3874816.00	742.71758	(09110217)			
	433918.20	3874819.00	727.50529	(09110217)	433818.20
3874823.00	703.53686	(09110217)			
	433718.30	3874826.00	676.53946	(09110217)	433618.30
3874830.00	661.07932	(09012607)			
	433518.40	3874833.00	677.33772	(09012607)	433418.50
3874837.00	708.79132	(11112117)			

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: 1004 \*\*\*  
INCLUDING SOURCE(S): 1004 ,

\*\*\* NETWORK ID: COURSE ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD (METERS)		X-COORD (METERS)
432233.00	430733.00	431233.00
	432733.00	431733.00

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3879761.0	44.28423 (13123017)	11.02902 (12032707)	35.56562 (13123017)
45.66618 (13010917)	46.49743 (11112407)		
3879261.0	54.17035 (13123017)	44.70900 (12110107)	44.78331 (13110817)
49.47786 (13123017)	50.22817 (11112407)		
3878761.0	57.45386 (13123017)	56.81274 (13123017)	55.71084 (13110817)
54.53007 (13123017)	54.07778 (13010917)		
3878261.0	62.72408 (12110107)	61.96222 (13123017)	60.06478 (09012607)
58.56188 (13110817)	57.97047 (13010917)		
3877761.0	69.07536 (09012607)	67.42141 (12110107)	66.37973 (13123017)
64.50864 (13110817)	63.58294 (13123017)		
3877261.0	73.24948 (09012607)	74.71647 (09012607)	71.85560 (13123017)
70.09133 (09012607)	70.46402 (12110107)		
3876761.0	82.92301 (11112117)	80.44225 (09012607)	81.22459 (09012607)
78.37013 (13123017)	79.37249 (09012607)		
3876261.0	92.29940 (13120417)	93.24209 (11112117)	89.01993 (09012607)
88.94495 (09012607)	86.00696 (13123017)		
3875761.0	110.34373 (13120417)	108.58982 (13120417)	105.10768 (11112117)
101.02100 (09012607)	102.06662 (11112117)		
3875261.0	129.27450 (12013117)	130.83490 (12013117)	130.85944 (13120417)
122.52076 (11112117)	121.30787 (13120417)		
3874761.0	175.98939 (12121907)	166.42419 (10020408)	167.11777 (12013117)
168.53707 (12013117)	158.95219 (13120417)		
3874261.0	138.41219 (12121907)	206.58029 (12121907)	268.17507 (12121907)
280.49301 (12121907)	262.79577 (12121907)		
3873761.0	278.55704 (13121007)	315.33882 (13121007)	365.62268 (13121007)
444.21523 (13121007)	570.68204 (13121007)		
3873261.0	218.68889 (09113007)	272.43369 (09113007)	321.29929 (09113007)

353.87200 (09113007)	327.14999 (09113007)	144.76657 (10102007)
3872761.0   143.42679 (09112517)	128.99611 (09112517)	
143.98491 (10102007)	136.77668 (10102007)	
3872261.0   99.36274 (10102007)	103.50211 (10102007)	95.91278 (10102007)
86.30125 (09010207)	90.75119 (09010207)	
3871761.0   74.01436 (10102007)	67.22014 (09013007)	67.31150 (12122817)
73.90121 (09010207)	75.65209 (09010207)	
3871261.0   56.89792 (12122817)	55.21708 (09013007)	62.06454 (09010207)
65.26264 (09010207)	61.68704 (09010207)	
3870761.0   48.88291 (09013007)	47.92902 (09013007)	58.44570 (09010207)
57.16070 (09010207)	52.44372 (09010207)	
3870261.0   42.20681 (09010507)	48.44225 (09010207)	51.86201 (09010207)
49.12359 (09010207)	49.35003 (09010207)	
3869761.0   37.86007 (09020607)	46.93771 (09010207)	47.34958 (09010207)
44.38646 (09010207)	46.64335 (09010207)	
3869261.0   40.58597 (09010207)	43.97088 (09010207)	41.69568 (09010207)
43.72710 (09010207)	41.67972 (09010207)	
3868761.0   41.82243 (09010207)	40.36639 (09010207)	39.25198 (09010207)
40.21978 (09010207)	33.64996 (09010207)	
3868261.0   39.73860 (09010207)	37.65571 (09010207)	38.05787 (09010207)
35.81021 (09010207)	31.26938 (13020407)	
3867761.0   37.23190 (09010207)	36.12043 (09010207)	35.80534 (09010207)
28.20034 (09030207)	29.90740 (13020407)	
3867261.0   34.76108 (09010207)	34.65885 (09010207)	31.14200 (09010207)
25.84590 (10101507)	28.53770 (13020407)	
3866761.0   29.50498 (09010207)	32.82889 (09010207)	26.09841 (09030207)
24.22490 (10101507)	27.30112 (13020407)	
3866261.0   19.90664 (09010207)	27.36521 (09010207)	24.21407 (10101507)
23.54212 (13020407)	26.00730 (13020407)	
3865761.0   21.12590 (09010207)	23.53409 (09030207)	22.89964 (10101507)
23.00800 (13020407)	24.84743 (13020407)	
3865261.0   25.53300 (09010207)	21.94764 (10101507)	21.55165 (10101507)
23.44868 (13020407)	23.05268 (13020407)	
3864761.0   20.78656 (09030207)	21.18158 (10101507)	20.42833 (10101507)
22.19246 (13020407)	19.94894 (13020407)	

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1004 \*\*\*  
 INCLUDING SOURCE(S): 1004 ,

\*\*\* NETWORK ID: COURSE ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD				X-COORD (METERS)
(METERS)	433233.00		433733.00	434233.00
434733.00		435233.00		

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3879761.0	46.38307 (11112407)	40.94243 (11112407)	40.98339 (09121717)
32.49301 (11112407)	35.72494 (12111517)		
3879261.0	50.19476 (11112407)	39.62818 (11112407)	45.98757 (09121717)
45.23842 (11112407)	39.30113 (12111517)		
3878761.0	54.62219 (11112407)	53.19225 (11112407)	49.63271 (13010917)
50.66829 (11112407)	41.79616 (12111517)		
3878261.0	59.72541 (11112407)	57.64190 (11112407)	54.16422 (13010917)
54.87710 (11112407)	30.09677 (12012417)		
3877761.0	64.53602 (11112407)	63.47109 (11112407)	59.26870 (13010917)
61.01358 (11112407)	56.03412 (11112407)		
3877261.0	70.24582 (11112407)	70.15093 (11112407)	64.31571 (13010917)
67.53906 (11112407)	62.59708 (11112407)		
3876761.0	76.67826 (11112407)	77.83023 (11112407)	69.82307 (13110817)
75.12445 (11112407)	71.33374 (11112407)		
3876261.0	89.55274 (09012607)	86.90316 (11112407)	82.77229 (13110817)
84.32727 (11112407)	81.34855 (11112407)		
3875761.0	96.16754 (13110817)	101.62412 (09012607)	95.49865 (13123017)
96.01199 (11112407)	93.00764 (11112407)		
3875261.0	118.73709 (11112117)	117.15418 (09012607)	113.73229 (09012607)
109.98654 (11112407)	109.44469 (11112407)		
3874761.0	140.05631 (11112117)	148.44610 (13120417)	139.32812 (09012607)
137.04349 (12110107)	134.94506 (11112407)		
3874261.0	241.10348 (12013117)	207.96255 (11112117)	226.11403 (13120417)
209.06548 (11112117)	194.20797 (13123017)		
3873761.0	520.58642 (13121007)	461.29235 (13121007)	399.95321 (13121007)
369.49651 (13121217)	429.46492 (13121217)		
3873261.0	292.05432 (09112517)	262.50702 (10102007)	250.36299 (10102007)
238.50823 (09010807)	271.68279 (12022307)		
3872761.0	123.35798 (10102007)	110.10198 (09013007)	122.97412 (09010207)
126.59077 (09010207)	133.43637 (09120207)		
3872261.0	87.97292 (09010207)	85.40706 (09010207)	94.77707 (09010207)
88.90979 (13022207)	93.96012 (13020507)		
3871761.0	67.24654 (09010207)	76.47864 (09010207)	75.47038 (09010207)
70.54453 (13120607)	72.73879 (10021507)		
3871261.0	62.27774 (09010207)	65.75809 (09010207)	56.58658 (12112107)
57.79155 (12112107)	61.20552 (13120607)		
3870761.0	57.72300 (09010207)	54.49766 (09010207)	49.81451 (10020307)
51.05502 (12112107)	49.58571 (13120607)		
3870261.0	51.58092 (09010207)	43.14489 (10020807)	44.75680 (10020307)
45.69149 (12112107)	44.59461 (12112107)		
3869761.0	42.34045 (09010207)	39.01651 (10010408)	40.65589 (10020807)



41.51494 (12112007)	41.69694 (12112107)		
3869261.0   35.46840 (13020407)	36.01012 (10010408)	37.32993 (10020807)	
38.36333 (12112007)	38.50932 (12112107)		
3868761.0   32.97760 (13020407)	33.64553 (10010408)	35.37917 (10020807)	
35.57859 (10020307)	33.70357 (12112107)		
3868261.0   31.00549 (13020407)	32.07824 (10010408)	33.14763 (10020807)	
32.10576 (10020307)	24.73022 (12112107)		
3867761.0   29.26775 (13020407)	30.47930 (10010408)	30.88592 (10020807)	
26.29962 (10020807)	16.79245 (12120608)		
3867261.0   27.63788 (13020407)	28.76721 (10010408)	26.41957 (10020807)	
17.98233 (09021307)	9.64673 (09021307)		
3866761.0   26.03634 (13020407)	25.92121 (10010408)	17.54326 (11102707)	
9.16649 (13020708)	4.91377 (11121307)		
3866261.0   23.63289 (13020407)	19.46403 (10010408)	11.83130 (13020708)	
5.03900 (13020708)	3.90483 (12091907)		
3865761.0   20.17162 (10010408)	13.59001 (10010408)	7.17492 (09121117)	
3.74925 (12091907)	3.76647 (12091907)		
3865261.0   16.06244 (10010408)	9.18627 (09121117)	5.25320 (09121117)	
3.67261 (12091907)	3.73323 (12091907)		
3864761.0   13.02044 (10010408)	7.90095 (09121117)	4.28174 (09121117)	
3.71232 (12091907)	3.73722 (12091907)		

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\*\*\* 09/09/20  
\*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*  
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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: 1004 \*\*\*  
INCLUDING SOURCE(S): 1004 ,

\*\*\* NETWORK ID: COURSE ; NETWORK TYPE:  
GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD (METERS)		X-COORD (METERS)
437233.00	435733.00	436233.00
	437733.00	436733.00

3879761.0   32.37141 (09122808)	25.18187 (11110817)	25.21840 (11110817)	
27.71832 (11122017)	25.31420 (12122708)		
3879261.0   34.97300 (13120517)	12.74140 (12013017)	8.27068 (12013017)	
8.93596 (12013017)	22.89031 (09111717)		
3878761.0   21.05329 (10102517)	11.48500 (12013017)	13.80992 (12013017)	

12.31562 (12013017)	16.79014 (12011107)		
3878261.0   37.13428 (11110817)	13.67286 (10102517)	38.05243 (12122708)	
47.60435 (09111717)	49.14525 (12011107)		
3877761.0   49.42553 (11122017)	48.64771 (11122017)	41.11535 (09111717)	
40.21016 (12011107)	38.27512 (12011107)		
3877261.0   56.07723 (11122017)	55.88919 (09111717)	57.00745 (12011107)	
56.08908 (12111417)	47.05662 (12111417)		
3876761.0   62.37697 (12122708)	64.94433 (12011107)	63.33623 (12111417)	
52.98789 (12111417)	50.29323 (13010717)		
3876261.0   73.79550 (12011107)	72.80728 (12111417)	69.99958 (12111417)	
68.26213 (13010717)	68.23925 (13103117)		
3875761.0   85.95398 (12111417)	81.05266 (13010717)	81.51568 (12011107)	
80.56554 (13103117)	79.99930 (13010717)		
3875261.0   102.40718 (13010717)	99.82150 (13103117)	99.07059 (13010717)	
99.73085 (13103117)	96.22572 (09110217)		
3874761.0   126.03759 (12111417)	131.07071 (13010717)	129.37598 (13103117)	
113.95413 (09110217)	74.48213 (09110217)		
3874261.0   204.42687 (13103117)	181.90748 (09110217)	120.15060 (09110217)	
96.09424 (09011407)	102.25763 (09011407)		
3873761.0   498.60073 (13121217)	339.18816 (13121217)	270.49364 (09111617)	
229.57951 (09111617)	200.31051 (09111617)		
3873261.0   291.94631 (12022307)	275.18451 (12022307)	249.78769 (12112617)	
215.35093 (12112617)	180.95759 (12112617)		
3872761.0   135.14838 (13111317)	132.98659 (09010807)	120.23546 (12022307)	
129.97545 (12022307)	130.73626 (12022307)		
3872261.0   96.85376 (09120207)	95.69671 (13111317)	92.12539 (09010807)	
85.51874 (09010807)	75.36055 (11121207)		
3871761.0   74.60659 (13020507)	75.41365 (09120207)	72.13245 (09120207)	
67.77530 (13111317)	61.54643 (09010807)		
3871261.0   61.78620 (13022207)	62.15843 (13022207)	60.25411 (12110707)	
53.89595 (09120207)	46.18622 (13111317)		
3870761.0   53.54691 (13120607)	52.48392 (13022207)	46.94729 (13022207)	
30.44944 (13012117)	27.86391 (10012608)		
3870261.0   46.85484 (13120607)	45.58849 (10021507)	40.20213 (13022207)	
30.40998 (13022207)	24.03170 (13012117)		
3869761.0   39.14203 (09103017)	38.19468 (13120607)	27.36116 (10021507)	
20.00319 (13022207)	11.35469 (12112808)		
3869261.0   33.67007 (09103017)	25.16916 (13120607)	15.78232 (09010608)	
9.01595 (09010608)	7.84052 (12112808)		
3868761.0   25.10845 (09103017)	16.39882 (09103017)	8.46352 (12120608)	
5.99796 (13030807)	5.69197 (09020508)		
3868261.0   14.76372 (12120608)	9.00275 (09103017)	5.69649 (12011117)	
4.73667 (09021608)	4.20020 (10040707)		
3867761.0   8.26334 (12120608)	5.26232 (12011117)	4.51075 (10040707)	
4.63161 (10040707)	2.13405 (10040707)		
3867261.0   5.44187 (12120608)	4.63389 (09021608)	3.93965 (12011009)	
4.01933 (10110208)	2.22918 (10040707)		
3866761.0   4.17275 (09021608)	3.74220 (09021608)	3.85662 (12011009)	
2.58269 (13071707)	4.53417 (10040707)		
3866261.0   3.42655 (11102708)	3.59443 (11102708)	3.69397 (12011009)	

3.83014 (12011009)	4.39286 (10040707)		
3865761.0   3.19796 (13071707)	3.57866 (11102708)	3.52435 (11102708)	
3.82799 (12011009)	3.91025 (10040707)		
3865261.0   3.12536 (09112309)	3.49051 (11102708)	3.57705 (11102708)	
3.69785 (12011009)	3.81948 (12011009)		
3864761.0   3.14949 (09112309)	3.30955 (11102708)	3.58193 (11102708)	
3.51146 (11102708)	3.81646 (12011009)		

▲ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*  
 \*\*\* \*\* 09/09/20  
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 \*\*\* \*\* 22:25:03

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1004 \*\*\*  
 INCLUDING SOURCE(S): 1004 ,

\*\*\* NETWORK ID: COURSE ; NETWORK TYPE:  
 GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD		X-COORD (METERS)
(METERS)	438233.00	438733.00
	439733.00	440233.00

3879761.0	20.76262 (09111717)	16.38088 (12011107)	13.33148 (12011107)
9.72460 (12111417)	9.47934 (12110217)		
3879261.0	15.39958 (12011107)	18.48815 (12011107)	14.15907 (12111417)
12.79671 (12111417)	12.47373 (11100607)		
3878761.0	25.91776 (12011107)	19.94013 (12111417)	16.24927 (12111417)
17.88001 (11100607)	14.62967 (11100607)		
3878261.0	32.80158 (12111417)	28.70641 (12111417)	24.58314 (11100607)
21.10732 (13010717)	18.76034 (11100607)		
3877761.0	40.20672 (12111417)	35.48871 (11100607)	31.03119 (13010717)
25.07955 (11100607)	21.84508 (13103117)		
3877261.0	47.06243 (13010717)	42.08052 (13010717)	38.78630 (13103117)
33.15306 (13103117)	35.11450 (09110217)		
3876761.0	52.73408 (12111417)	53.51337 (13103117)	47.32576 (09110217)
38.16861 (09110217)	25.49047 (09110217)		
3876261.0	65.27738 (13010717)	59.54668 (09110217)	37.55754 (09110217)
31.04878 (09110217)	33.02884 (09110217)		
3875761.0	69.06921 (09110217)	58.17672 (09110217)	22.92029 (09030307)
35.05467 (09030307)	38.48789 (09030307)		
3875261.0	77.25987 (09110217)	42.12780 (09030307)	24.54093 (09030307)

16.93026 (09113017)	17.72199 (09030307)		
3874761.0   53.72331 (09030307)	25.75215 (09030307)	21.57015 (12012517)	
19.92470 (13121808)	45.16761 (09011407)		
3874261.0   102.78198 (09011407)	96.07165 (09011407)	63.20314 (09011407)	
83.76612 (13121217)	94.48490 (13121217)		
3873761.0   178.55347 (09111617)	160.07485 (09111617)	144.60080 (09111617)	
130.50164 (09111617)	118.18831 (09111617)		
3873261.0   145.98595 (12112617)	137.23618 (09012907)	131.84828 (09012907)	
125.53762 (09012907)	118.50428 (09012907)		
3872761.0   118.78693 (10012908)	97.00404 (10012908)	94.28352 (12112617)	
100.02083 (12112617)	101.56624 (12112617)		
3872261.0   64.90770 (11121207)	75.78380 (12022307)	81.41547 (12022307)	
76.16243 (10012908)	70.42617 (10012908)		
3871761.0   54.76230 (11121207)	47.73431 (11121207)	37.32488 (11121207)	
30.70456 (11121207)	37.38523 (12022307)		
3871261.0   38.45331 (13021307)	40.14382 (12120717)	32.84887 (11121207)	
33.11926 (11121207)	31.53877 (11121207)		
3870761.0   20.94638 (10031507)	22.61059 (13111317)	26.23727 (13021307)	
22.80052 (12120717)	21.81286 (11121207)		
3870261.0   18.49779 (13012117)	15.07923 (10031507)	16.41215 (13111317)	
22.44953 (13111317)	14.24703 (13021307)		
3869761.0   10.73631 (12112808)	12.27756 (13012117)	12.69771 (13012117)	
13.97147 (10031507)	15.36568 (13111317)		
3869261.0   8.00279 (12112808)	9.74454 (12112808)	9.05562 (12112808)	
10.07618 (13012117)	11.28834 (10031507)		
3868761.0   6.43093 (12112808)	8.33252 (12112808)	8.58435 (12112808)	
8.24522 (12112808)	9.34039 (13012117)		
3868261.0   4.37697 (12102908)	5.85526 (12112808)	7.65474 (12112808)	
8.00017 (12112808)	7.89822 (12112808)		
3867761.0   4.22237 (10040707)	4.45002 (12102908)	5.87339 (12112808)	
7.12208 (12112808)	7.59068 (12112808)		
3867261.0   4.18425 (10040707)	4.34274 (10040707)	4.45631 (12102908)	
5.37043 (12112808)	6.84136 (12112808)		
3866761.0   4.38715 (10040707)	4.29182 (10040707)	4.12486 (10040707)	
4.44272 (12102908)	4.87096 (12112808)		
3866261.0   4.51301 (10040707)	4.29784 (10040707)	4.27402 (10040707)	
3.82008 (12102908)	4.42007 (12102908)		
3865761.0   4.49194 (10040707)	4.38135 (10040707)	4.24565 (10040707)	
4.06961 (10040707)	3.86928 (12102908)		
3865261.0   4.26875 (10040707)	4.48613 (10040707)	4.28197 (10040707)	
3.58205 (10110208)	3.61968 (10040707)		
3864761.0   3.75913 (12011009)	4.42071 (10040707)	4.40577 (10040707)	
3.76234 (10110208)	3.21554 (10110208)		

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

VALUES FOR SOURCE GROUP: 1004 \*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 INCLUDING SOURCE(S): 1004 ,

GRIDCART \*\*\* \*\* NETWORK ID: COURSE ; NETWORK TYPE:

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

Y-COORD			X-COORD (METERS)
(METERS)	440733.00	441233.00	441733.00
	442233.00	442733.00	

3879761.0	9.28591 (11100607)	8.27070 (11100607)	6.77667 (09013017)
5.90744 (09013017)	4.80728 (13072607)		
3879261.0	10.77739 (11100607)	8.78651 (11100607)	8.01917 (11100607)
6.21290 (09013017)	5.79117 (13072607)		
3878761.0	12.56729 (11100607)	11.30836 (11100607)	9.35622 (13103117)
8.39603 (13012808)	6.38230 (11112108)		
3878261.0	15.29493 (11100607)	14.06986 (13103117)	12.21559 (09110217)
12.07705 (09110217)	8.43950 (09110217)		
3877761.0	15.17340 (09110217)	20.08606 (09110217)	19.64106 (09110217)
15.84464 (09110217)	11.68469 (09110217)		
3877261.0	25.23523 (09110217)	24.74628 (09110217)	24.34818 (09110217)
16.82456 (09110217)	14.18498 (09030307)		
3876761.0	30.93261 (09110217)	26.56339 (09110217)	22.61571 (09030307)
22.46611 (09030307)	20.42529 (09030307)		
3876261.0	29.31501 (09030307)	24.49761 (09030307)	15.60686 (09030307)
15.91699 (09030307)	11.25220 (09030307)		
3875761.0	27.78858 (09030307)	12.01305 (09113017)	12.13658 (09113017)
13.32492 (12012517)	13.33192 (12012517)		
3875261.0	17.14099 (12012517)	16.07395 (12012517)	13.75201 (12012517)
14.33574 (13121808)	18.32605 (09011407)		
3874761.0	52.83638 (09011407)	55.93131 (09011407)	55.85549 (09011407)
53.83290 (09011407)	49.53973 (09011407)		
3874261.0	93.35380 (13121217)	94.44886 (13121217)	91.67743 (13121217)
88.63407 (13121217)	85.30362 (13121217)		
3873761.0	107.20463 (09111617)	96.80543 (09111617)	87.39443 (09111617)
78.09545 (09111617)	69.84287 (09111617)		
3873261.0	111.20132 (09012907)	104.21759 (09012907)	98.38361 (09012907)
90.86736 (09012907)	82.64641 (09012907)		
3872761.0	96.88845 (12112617)	87.07544 (12112617)	72.20163 (12112617)
56.07156 (12112617)	42.69035 (12112617)		
3872261.0	57.00979 (10012908)	42.01988 (10012908)	32.75382 (12112617)
37.87566 (12112617)	46.48005 (12112617)		
3871761.0	45.17737 (12022307)	50.36479 (12022307)	52.19129 (10012908)

46.66128 (10012908)	36.08164 (10012908)		
3871261.0   27.23830 (11121207)	22.17490 (13111117)	23.03451 (13111117)	
28.72492 (12022307)	30.01760 (12022307)		
3870761.0   24.39183 (11121207)	24.04850 (11121207)	18.36735 (11121207)	
17.60162 (12112207)	17.16471 (13111117)		
3870261.0   15.78348 (12120717)	16.13140 (10012617)	15.37885 (10012617)	
12.67104 (10012617)	11.75560 (11121207)		
3869761.0   10.36474 (13111317)	8.44174 (10012617)	11.26270 (10012617)	
12.51041 (10012617)	11.15834 (10012617)		
3869261.0   8.67129 (10031507)	6.28532 (09011607)	5.29347 (09011607)	
5.97688 (10012617)	8.78427 (10012617)		
3868761.0   9.07822 (10012608)	6.24791 (10012707)	4.77702 (10071607)	
4.19463 (09011607)	4.28490 (09011607)		
3868261.0   8.45899 (13012117)	7.86489 (09011317)	6.08508 (10012707)	
4.93970 (10012707)	4.30329 (10071607)		
3867761.0   7.36848 (12112808)	7.25997 (12112808)	7.07374 (09011317)	
6.29615 (09011317)	5.39942 (10012707)		
3867261.0   7.11658 (12112808)	6.80078 (12112808)	6.66668 (12112808)	
6.25182 (09011317)	6.06369 (09011317)		
3866761.0   6.15106 (12112808)	6.39739 (12112808)	6.21181 (12112808)	
6.10726 (12112808)	5.45322 (09011317)		
3866261.0   4.63695 (12123109)	5.55477 (12112808)	5.93448 (12112808)	
5.77658 (12112808)	5.67099 (12112808)		
3865761.0   4.40276 (12102908)	4.60219 (12123109)	5.13965 (12112808)	
5.50221 (12112808)	5.41003 (12112808)		
3865261.0   3.91928 (12102908)	4.39289 (12102908)	4.57386 (12123109)	
4.95584 (12112808)	5.20358 (12112808)		
3864761.0   3.03736 (12102908)	3.96622 (12102908)	4.38512 (12102908)	
4.54977 (12123109)	4.73042 (12112808)		

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   \*\*\*                    09/09/20  
 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*  
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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1004 \*\*\*  
 INCLUDING SOURCE(S): 1004 ,

\*\*\* NETWORK ID: COURSE ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD			X-COORD (METERS)
(METERS)	443233.00	443733.00	444233.00
	444733.00	445233.00	

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3879761.0	5.42548 (13072607)	5.64769 (13072607)	5.41674 (11112108)
5.56936 (11112108)	5.16109 (13012808)		
3879261.0	5.90219 (11112108)	6.21540 (13012808)	5.60769 (11112108)
5.43838 (09022507)	5.76925 (09110217)		
3878761.0	5.93374 (11112108)	6.16652 (09022507)	5.79095 (09022507)
5.22533 (09110217)	4.15730 (09110217)		
3878261.0	5.95945 (09022507)	6.37656 (09110217)	4.22369 (09022507)
5.16797 (09030307)	7.63578 (09030307)		
3877761.0	6.65686 (09110217)	7.05100 (09030307)	8.50917 (09030307)
11.06969 (09030307)	11.12833 (09030307)		
3877261.0	13.67805 (09030307)	12.40680 (09030307)	11.29482 (09030307)
11.01605 (09030307)	7.19779 (09030307)		
3876761.0	15.63622 (09030307)	9.86280 (09030307)	8.69693 (09113017)
9.43699 (09113017)	9.34889 (09113017)		
3876261.0	11.31142 (09113017)	10.79428 (09113017)	10.82658 (12012517)
10.83213 (12012517)	10.18349 (12012517)		
3875761.0	12.48557 (12012517)	10.88544 (12012517)	8.91105 (12012517)
8.85708 (13121808)	10.44134 (13121808)		
3875261.0	23.67442 (09011407)	28.88324 (09011407)	31.71041 (09011407)
34.81997 (09011407)	34.59026 (09011407)		
3874761.0	44.99679 (09011407)	37.06915 (09011407)	28.93696 (09011407)
27.93681 (13121217)	31.97676 (13121217)		
3874261.0	80.99548 (13121217)	75.23085 (13121217)	69.69920 (13121217)
64.60197 (13121217)	58.29469 (13121217)		
3873761.0	64.62104 (09111617)	58.91224 (09111617)	53.07331 (09111617)
48.60356 (09111617)	45.01058 (09111617)		
3873261.0	75.89591 (09012907)	71.55303 (09012907)	65.48715 (09012907)
59.76266 (09012907)	57.05712 (09012907)		
3872761.0	30.41673 (12112617)	20.63500 (09012907)	23.72831 (09012907)
27.03760 (09012907)	31.95329 (09012907)		
3872261.0	51.75162 (12112617)	52.65696 (12112617)	49.13769 (12112617)
47.15125 (12112617)	47.51113 (12112617)		
3871761.0	25.51420 (10012908)	20.48743 (13112808)	22.20559 (13112808)
23.04757 (13112808)	22.74756 (12112617)		
3871261.0	28.84193 (12022307)	31.42021 (10012908)	27.80167 (10012908)
26.13926 (10012908)	22.32665 (10012908)		
3870761.0	16.53806 (13111117)	15.38414 (13111117)	17.50629 (12022307)
20.49635 (12022307)	25.06014 (12022307)		
3870261.0	11.76681 (12112207)	11.16852 (13111117)	13.45045 (13111117)
14.19642 (13111117)	12.63217 (13111117)		
3869761.0	11.81933 (10012617)	9.43616 (11121207)	10.52284 (11121207)
7.83953 (12112207)	6.38884 (13111117)		
3869261.0	10.94567 (10012617)	10.81826 (10012617)	10.74770 (10012617)
8.73955 (11121207)	6.39064 (10011107)		
3868761.0	5.33120 (09011307)	7.69948 (10012617)	10.38450 (10012617)
10.43405 (10012617)	8.80641 (10012617)		
3868261.0	4.60244 (09011607)	4.58542 (09011607)	5.46392 (09011307)

7.04112 (10012617)	8.02757 (10012617)		
3867761.0   4.44691 (10071607)	4.97783 (09011607)	4.78669 (09011607)	
3.82158 (09011307)	4.03845 (09011307)		
3867261.0   5.43465 (10012707)	4.49611 (10071607)	4.52676 (09011607)	
4.33399 (09011607)	3.59596 (09011607)		
3866761.0   5.39868 (10012707)	4.98767 (10012707)	4.45214 (10071607)	
4.13524 (10071607)	3.72214 (09011607)		
3866261.0   4.56251 (10012707)	4.99056 (10012707)	4.72440 (10012707)	
4.32943 (10071607)	4.18577 (10071607)		
3865761.0   5.20524 (12112808)	3.96348 (12112808)	4.50312 (10012707)	
4.24733 (10012707)	4.14741 (10071607)		
3865261.0   5.07222 (12112808)	4.93424 (12112808)	3.78745 (12112808)	
3.91578 (10012707)	3.79796 (10012707)		
3864761.0   5.03311 (12112808)	4.86438 (12112808)	4.68355 (12112808)	
3.47792 (12112808)	3.16961 (10012707)		

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\*\*\* AERMET - VERSION 14134 \*\*\*  
\*\*\* 22:25:03

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: 1004  
INCLUDING SOURCE(S): 1004 ,

\*\*\* NETWORK ID: COURSE ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD | X-COORD (METERS)  
(METERS) | 445733.00

-----  
3879761.0 | 5.48958 (09110217)  
3879261.0 | 5.87448 (09110217)  
3878761.0 | 3.89940 (09030307)  
3878261.0 | 9.88832 (09030307)  
3877761.0 | 10.37992 (09030307)  
3877261.0 | 7.09531 (09113017)  
3876761.0 | 8.63512 (09113017)  
3876261.0 | 9.00645 (12012517)  
3875761.0 | 12.05567 (13121808)  
3875261.0 | 33.82850 (09011407)  
3874761.0 | 34.22194 (13121217)  
3874261.0 | 51.46826 (13121217)



3873761.0 | 40.80823 (09111617)  
3873261.0 | 53.26482 (09012907)  
3872761.0 | 37.68403 (09012907)  
3872261.0 | 43.60965 (12112617)  
3871761.0 | 31.04960 (12112617)  
3871261.0 | 15.82709 (10012908)  
3870761.0 | 27.84793 (10012908)  
3870261.0 | 11.47770 (12022307)  
3869761.0 | 9.97526 (13111117)  
3869261.0 | 6.70728 (11121917)  
3868761.0 | 7.93626 (10012617)  
3868261.0 | 7.92646 (10012617)  
3867761.0 | 4.95720 (10012617)  
3867261.0 | 3.12164 (09011307)  
3866761.0 | 3.44078 (09011607)  
3866261.0 | 3.69679 (10071607)  
3865761.0 | 4.16140 (10071607)  
3865261.0 | 3.92197 (10071607)  
3864761.0 | 3.12146 (10071607)

▲ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*\*  
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\*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*  
\*\*\* 22:25:03

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: 1004 \*\*\*  
INCLUDING SOURCE(S): 1004 ,

\*\*\* NETWORK ID: DESERTL ; NETWORK TYPE:  
GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

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Y-COORD | X-COORD (METERS)  
(METERS) | 435850.40 435900.40 435950.40  
436000.40 436050.40

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-----  
3874157.0 | 224.69778 (09110217) 222.55322 (09110217) 218.52524 (09110217)  
213.70635 (09110217) 208.49068 (09110217)  
3874107.0 | 237.65727 (09110217) 232.56321 (09110217) 226.91691 (09110217)  
220.63469 (09110217) 214.35242 (09110217)  
3874057.0 | 251.26947 (09110217) 243.34824 (09110217) 235.44730 (09110217)  
227.94368 (09110217) 220.41703 (09110217)  
3874007.0 | 264.03319 (09110217) 254.58276 (09110217) 245.44035 (09110217)

236.37845	(09110217)	226.20996	(09110217)		
3873957.0	283.90164	(13121217)	279.94746	(13121217)	275.12191 (13121217)
270.60705	(13121217)	266.38278	(13121217)		
3873907.0	362.75890	(13121217)	351.96832	(13121217)	341.61888 (13121217)
332.30974	(13121217)	323.71747	(13121217)		
3873857.0	444.62466	(13121217)	422.16739	(13121217)	401.85555 (13121217)
384.45201	(13121217)	369.38134	(13121217)		
3873807.0	485.52995	(13121217)	453.67711	(13121217)	427.51336 (13121217)
406.26534	(13121217)	388.41060	(13121217)		
3873757.0	487.43826	(13121217)	455.08228	(13121217)	428.65688 (13121217)
407.20720	(13121217)	389.17312	(13121217)		
3873707.0	488.04724	(09111617)	455.81616	(09111617)	429.36605 (09111617)
407.90192	(09111617)	389.94891	(09111617)		
3873657.0	486.91948	(09111617)	454.11907	(09111617)	427.10593 (09111617)
405.26208	(09111617)	386.73997	(09111617)		
3873607.0	495.75357	(09012907)	462.04561	(09012907)	434.26184 (09012907)
411.66842	(09012907)	392.61296	(09012907)		
3873557.0	501.53261	(09012907)	468.28235	(09012907)	440.27514 (09012907)
417.41216	(09012907)	398.19704	(09012907)		
3873507.0	502.30805	(09012907)	469.10391	(09012907)	440.74060 (09012907)
417.59369	(09012907)	398.02811	(09012907)		
3873457.0	494.69637	(09012907)	461.84289	(09012907)	432.70970 (09012907)
409.09890	(09012907)	389.37813	(09012907)		
3873407.0	497.18140	(12112617)	462.62094	(12112617)	432.26904 (12112617)
407.94811	(12112617)	387.67330	(12112617)		
3873357.0	431.56407	(12112617)	417.72423	(12112617)	401.50719 (12112617)
384.95895	(12112617)	370.45537	(12112617)		
3873307.0	343.30171	(12022307)	337.07149	(12022307)	335.47479 (12022307)
329.33852	(12022307)	319.35176	(12022307)		
3873257.0	289.79790	(12022307)	290.22366	(12022307)	289.77415 (12022307)
290.07516	(12022307)	289.47211	(12022307)		
3873207.0	255.81532	(12022307)	256.61137	(12022307)	257.12747 (12022307)
257.81059	(12022307)	257.72903	(12022307)		
3873157.0	227.42977	(12022307)	228.50727	(12022307)	229.80017 (12022307)
230.81105	(12022307)	231.46481	(12022307)		

▲ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*  
                               \*\*\*          09/09/20  
 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*  
                               \*\*\*          22:25:03

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1004 \*\*\*  
 INCLUDING SOURCE(S): 1004 ,

\*\*\* NETWORK ID: DESERTL ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD				X-COORD (METERS)
(METERS)	436100.40		436150.40	436200.40
436250.40		436300.40		

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3874157.0	203.09073 (09110217)	197.54144 (09110217)	191.73148 (09110217)
185.42384	(09110217)	178.44440 (09110217)	
3874107.0	207.95941 (09110217)	201.19656 (09110217)	193.67659 (09110217)
185.01596	(09110217)	175.47873 (09110217)	
3874057.0	212.39291 (09110217)	203.14487 (09110217)	192.33368 (09110217)
180.18386	(09110217)	168.00513 (09110217)	
3874007.0	214.13786 (09110217)	204.77082 (13121217)	203.74606 (13121217)
202.56525	(13121217)	201.41972 (13121217)	
3873957.0	262.34774 (13121217)	258.41744 (13121217)	254.54259 (13121217)
250.81155	(13121217)	247.25083 (13121217)	
3873907.0	315.59332 (13121217)	307.90714 (13121217)	300.53160 (13121217)
293.56790	(13121217)	287.01743 (13121217)	
3873857.0	356.10849 (13121217)	343.98092 (13121217)	332.99450 (13121217)
322.99450	(13121217)	313.83826 (13121217)	
3873807.0	372.84037 (13121217)	358.93754 (13121217)	346.50575 (13121217)
335.19888	(13121217)	324.74938 (13121217)	
3873757.0	373.36682 (13121217)	359.27815 (13121217)	346.84816 (09111617)
335.58009	(09111617)	325.38667 (09111617)	
3873707.0	374.40342 (09111617)	360.62559 (09111617)	348.27911 (09111617)
337.07537	(09111617)	326.80416 (09111617)	
3873657.0	370.81178 (09111617)	356.75740 (09111617)	344.23117 (09111617)
332.78394	(09111617)	322.46151 (09111617)	
3873607.0	376.04572 (09012907)	361.61762 (09012907)	348.97804 (09012907)
337.33907	(09012907)	326.58502 (09012907)	
3873557.0	381.61491 (09012907)	366.98907 (09012907)	354.67268 (09012907)
343.39884	(09012907)	332.72743 (09012907)	
3873507.0	381.39332 (09012907)	366.88767 (09012907)	354.42872 (09012907)
343.35189	(09012907)	333.20244 (09012907)	
3873457.0	372.70122 (09012907)	358.39676 (09012907)	345.81812 (09012907)
334.70837	(09012907)	324.49011 (09012907)	
3873407.0	370.29003 (12112617)	355.01178 (12112617)	341.71221 (12112617)
329.37782	(12112617)	322.58658 (12112617)	
3873357.0	357.49600 (12112617)	345.84030 (12112617)	334.62412 (12112617)
333.63107	(12112617)	324.46548 (12112617)	
3873307.0	308.51520 (12112617)	305.74434 (12112617)	301.49639 (12112617)
308.73407	(12112617)	304.64679 (12112617)	
3873257.0	287.14944 (12022307)	283.15512 (12022307)	279.37223 (12022307)
272.08355	(12022307)	261.57497 (12022307)	
3873207.0	258.00490 (12022307)	258.15481 (12022307)	258.92886 (12022307)
256.15602	(12022307)	253.63376 (12022307)	
3873157.0	232.28852 (12022307)	235.68619 (12022307)	236.01839 (12022307)

235.33412 (12022307) 235.52081 (12022307)  
 \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*  
 \*\*\* 09/09/20  
 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*  
 \*\*\* 22:25:03

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\*\*\* MODELOPTs: RegDFault CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1004 \*\*\*  
 INCLUDING SOURCE(S): 1004 ,

\*\*\* NETWORK ID: DESERTL ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD			X-COORD (METERS)
(METERS)	436350.40	436400.40	436450.40
436500.40	436550.40		

3874157.0	170.66095 (09110217)	162.08138 (09110217)	152.75025 (09110217)
142.97149 (09110217)	133.23290 (09110217)		
3874107.0	165.45624 (09110217)	154.70319 (09110217)	143.72863 (09110217)
133.77551 (09011407)	133.79077 (09011407)		
3874057.0	156.96429 (13121217)	157.42870 (13121217)	157.80089 (13121217)
158.04120 (13121217)	158.17497 (13121217)		
3874007.0	200.39533 (13121217)	199.32650 (13121217)	198.20549 (13121217)
197.03794 (13121217)	195.80799 (13121217)		
3873957.0	243.82354 (13121217)	240.60538 (13121217)	237.36589 (13121217)
234.27710 (13121217)	231.25827 (13121217)		
3873907.0	280.79324 (13121217)	275.10421 (13121217)	269.74342 (13121217)
264.58512 (13121217)	259.64864 (13121217)		
3873857.0	305.34617 (13121217)	297.64481 (13121217)	290.44960 (13121217)
283.80829 (13121217)	277.29562 (13121217)		
3873807.0	315.47961 (13121217)	306.73593 (13121217)	298.70554 (13121217)
291.09367 (13121217)	291.56887 (13121217)		
3873757.0	316.13738 (09111617)	307.47122 (09111617)	299.52598 (09111617)
298.52357 (09111617)	292.05633 (09111617)		
3873707.0	317.30341 (09111617)	308.70318 (09111617)	305.63280 (09111617)
298.61075 (09111617)	291.91744 (09111617)		
3873657.0	312.76607 (09111617)	304.00010 (09111617)	301.31172 (09111617)
294.05107 (09111617)	287.12538 (09111617)		
3873607.0	316.82410 (09012907)	307.66401 (09012907)	304.26939 (09012907)
296.38892 (09012907)	288.98793 (09012907)		
3873557.0	323.05186 (09012907)	313.98605 (09012907)	310.45334 (09012907)

303.01608 (09012907)	295.69650 (09012907)	312.24626 (09012907)
3873507.0   323.30686 (09012907)	320.30015 (09012907)	312.24626 (09012907)
304.79330 (09012907)	297.75646 (09012907)	
3873457.0   323.84267 (09012907)	315.84406 (09012907)	308.17918 (09012907)
301.15911 (09012907)	294.45145 (09012907)	
3873407.0   312.56416 (12112617)	303.01217 (12112617)	293.80107 (12112617)
286.18943 (09012907)	280.41354 (09012907)	
3873357.0   315.58125 (12112617)	307.25348 (12112617)	299.41172 (12112617)
291.78960 (12112617)	284.44340 (12112617)	
3873307.0   300.28104 (12112617)	295.64240 (12112617)	290.75572 (12112617)
285.61679 (12112617)	280.61807 (12112617)	
3873257.0   261.36744 (12112617)	261.41981 (12112617)	260.65979 (12112617)
260.08586 (12112617)	257.63323 (12112617)	
3873207.0   249.40561 (12022307)	243.36551 (12022307)	237.90495 (12022307)
228.82041 (12022307)	222.13025 (10012908)	
3873157.0   233.28113 (12022307)	232.30851 (12022307)	228.42565 (12022307)
226.19241 (12022307)	221.88404 (12022307)	

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^ *** AERMOD - VERSION 19191 *** ***
                        ***          09/09/20
*** AERMET - VERSION 14134 *** ***
                        ***          22:25:03

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: 1004 ***
INCLUDING SOURCE(S): 1004 ,
*** NETWORK ID: DESERTL ; NETWORK TYPE:

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GRIDCART \*\*\*

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** CONC OF OTHER IN MICROGRAMS/M**3
**

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Y-COORD		X-COORD (METERS)
(METERS)	436600.40	436650.40
436750.40	436800.40	436700.40

3874157.0	123.52892 (09110217)	116.53550 (09011407)	116.97522 (09011407)
117.28309 (09011407)	117.55903 (09011407)		
3874107.0	133.72292 (09011407)	133.50950 (09011407)	133.16455 (09011407)
132.71189 (09011407)	132.17329 (09011407)		
3874057.0	158.30116 (13121217)	158.32166 (13121217)	158.22849 (13121217)
158.07589 (13121217)	161.89158 (13121217)		
3874007.0	194.50845 (13121217)	193.08540 (13121217)	191.72545 (13121217)
198.54195 (13121217)	197.80644 (13121217)		
3873957.0	228.17687 (13121217)	225.08320 (13121217)	233.34185 (13121217)

231.03485	(13121217)	228.86136	(13121217)		
3873907.0	254.72059	(13121217)	261.88168	(13121217)	258.11519 (13121217)
254.31575	(13121217)	250.71076	(13121217)		
3873857.0	281.28009	(13121217)	276.04090	(13121217)	270.96422 (13121217)
266.08299	(13121217)	261.46233	(13121217)		
3873807.0	285.30944	(13121217)	279.28507	(13121217)	273.43670 (13121217)
268.05609	(13121217)	262.81484	(13121217)		
3873757.0	285.75198	(09111617)	280.00250	(09111617)	274.15828 (09111617)
268.74203	(09111617)	263.94838	(09111617)		
3873707.0	285.48973	(09111617)	279.49656	(09111617)	273.53750 (09111617)
268.24133	(09111617)	262.75172	(09111617)		
3873657.0	280.55617	(09111617)	274.42085	(09111617)	268.58490 (09111617)
263.13127	(09111617)	257.56213	(09111617)		
3873607.0	281.91706	(09012907)	275.98820	(09012907)	269.88326 (09012907)
264.05161	(09012907)	258.46616	(09012907)		
3873557.0	288.71056	(09012907)	282.41632	(09012907)	276.80751 (09012907)
270.71578	(09012907)	264.82200	(09012907)		
3873507.0	291.27370	(09012907)	284.73345	(09012907)	278.66772 (09012907)
273.08823	(09012907)	267.51790	(09012907)		
3873457.0	288.36856	(09012907)	282.21554	(09012907)	276.27607 (09012907)
270.33020	(09012907)	264.74287	(09012907)		
3873407.0	274.99749	(09012907)	269.66387	(09012907)	264.46643 (09012907)
258.98242	(09012907)	254.03131	(09012907)		
3873357.0	277.18465	(12112617)	269.70342	(12112617)	262.05608 (12112617)
254.14164	(12112617)	247.18321	(12112617)		
3873307.0	275.02037	(12112617)	269.00662	(12112617)	262.74661 (12112617)
256.30488	(12112617)	251.64084	(12112617)		
3873257.0	256.32285	(12112617)	253.32257	(12112617)	249.77895 (12112617)
246.06036	(12112617)	243.81797	(12112617)		
3873207.0	222.51494	(12112617)	223.08655	(12112617)	222.36779 (12112617)
222.63873	(12112617)	223.01534	(12112617)		
3873157.0	216.00728	(12022307)	210.67373	(12022307)	203.64621 (10012908)
199.29651	(10012908)	194.46880	(10012908)		

^ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*  
 \*\*\* 09/09/20  
 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*  
 \*\*\* 22:25:03

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1004 \*\*\*  
 INCLUDING SOURCE(S): 1004 ,

\*\*\* NETWORK ID: DESERTL ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD |  
(METERS) | 436850.40

X-COORD (METERS)

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3874157.0 | 117.70933 (09011407)  
3874107.0 | 131.53011 (09011407)  
3874057.0 | 162.12241 (13121217)  
3874007.0 | 197.02891 (13121217)  
3873957.0 | 226.70282 (13121217)  
3873907.0 | 247.10903 (13121217)  
3873857.0 | 257.00867 (13121217)  
3873807.0 | 257.94897 (13121217)  
3873757.0 | 259.25040 (09111617)  
3873707.0 | 258.07893 (09111617)  
3873657.0 | 252.45181 (09111617)  
3873607.0 | 252.93478 (09012907)  
3873557.0 | 259.78809 (09012907)  
3873507.0 | 262.15741 (09012907)  
3873457.0 | 259.58821 (09012907)  
3873407.0 | 249.86384 (09012907)  
3873357.0 | 241.33930 (12112617)  
3873307.0 | 247.02919 (12112617)  
3873257.0 | 241.36575 (12112617)  
3873207.0 | 223.06739 (12112617)  
3873157.0 | 194.14765 (12112617)

^ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*  
\*\*\* 09/09/20  
\*\*\* AERMET - VERSION 14134 \*\*\* \*\*  
\*\*\* 22:25:03

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: 1004 \*\*\*  
INCLUDING SOURCE(S): 1004 ,

\*\*\* NETWORK ID: BORON ; NETWORK TYPE:  
GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3  
\*\*

Y-COORD |  
(METERS) | 439957.60  
440107.60

X-COORD (METERS)  
440007.60 440057.60  
440157.60

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3874057.0	127.95162 (13121217)	127.11687 (13121217)	126.26343 (13121217)
125.40480 (13121217)	124.49650 (13121217)		
3874007.0	127.75560 (13121217)	126.65298 (13121217)	125.39492 (13121217)
124.27684 (13121217)	123.15794 (13121217)		
3873957.0	123.56427 (13121217)	122.22737 (13121217)	120.75438 (13121217)
119.42470 (13121217)	118.15030 (09111617)		
3873907.0	127.34067 (09111617)	126.48585 (09111617)	125.63838 (09111617)
124.79558 (09111617)	124.00600 (09111617)		
3873857.0	130.11756 (09111617)	129.20307 (09111617)	128.14599 (09111617)
127.08811 (09111617)	126.09149 (09111617)		
3873807.0	129.20502 (09111617)	128.00289 (09111617)	126.86181 (09111617)
125.67080 (09111617)	124.54838 (09111617)		
3873757.0	124.26779 (09111617)	123.00872 (09111617)	121.76436 (09111617)
120.53669 (09111617)	119.32085 (09111617)		
3873707.0	115.67964 (09111617)	114.29261 (09111617)	113.04237 (09111617)
111.74368 (09111617)	110.46026 (09111617)		
3873657.0	103.43326 (09111617)	102.01946 (09111617)	100.83256 (09111617)
99.52120 (09111617)	98.22436 (09111617)		
3873607.0	88.12411 (09111617)	86.90494 (09111617)	85.54937 (09111617)
84.44838 (09111617)	83.12744 (09111617)		
3873557.0	102.64551 (09012907)	100.97836 (09012907)	99.32397 (09012907)
97.94260 (09012907)	96.32671 (09012907)		
3873507.0	114.73876 (09012907)	113.11606 (09012907)	111.50334 (09012907)
109.99668 (09012907)	108.59737 (09012907)		
3873457.0	123.52220 (09012907)	121.99264 (09012907)	120.57502 (09012907)
119.16811 (09012907)	117.77077 (09012907)		
3873407.0	128.74073 (09012907)	127.34192 (09012907)	125.94703 (09012907)
124.79180 (09012907)	123.64348 (09012907)		
3873357.0	130.30043 (09012907)	129.06957 (09012907)	127.96280 (09012907)
126.85852 (09012907)	125.88050 (09012907)		
3873307.0	128.02279 (09012907)	127.00245 (09012907)	126.22045 (09012907)
125.32299 (09012907)	124.42638 (09012907)		
3873257.0	121.67142 (09012907)	121.03120 (09012907)	120.38883 (09012907)
119.62685 (09012907)	119.09425 (09012907)		
3873207.0	110.50812 (09012907)	109.92665 (09012907)	109.82029 (09012907)
109.69907 (09012907)	108.83994 (09012907)		
3873157.0	96.21809 (09012907)	96.42213 (09012907)	96.49701 (09012907)
95.74096 (09012907)	95.79973 (09012907)		
3873107.0	84.02688 (12112617)	80.54075 (12112617)	79.60013 (09012907)
80.06085 (09012907)	79.79671 (09012907)		
3873057.0	94.28337 (12112617)	92.22537 (12112617)	90.15945 (12112617)
87.18967 (12112617)	84.53218 (12112617)		
3873007.0	102.35078 (12112617)	100.56369 (12112617)	98.74773 (12112617)
96.91802 (12112617)	94.73405 (12112617)		
3872957.0	109.69815 (12112617)	108.21139 (12112617)	106.33856 (12112617)
103.50941 (12112617)	101.78162 (12112617)		
3872907.0	112.14622 (12112617)	111.10019 (12112617)	110.00599 (12112617)
108.85987 (12112617)	106.51681 (12112617)		
3872857.0	112.48928 (12112617)	111.93960 (12112617)	109.92050 (12112617)



109.26359 (12112617)	108.54935 (12112617)		
3872807.0   108.31772 (12112617)	108.32384 (12112617)	108.26529 (12112617)	
108.12359 (12112617)	106.11395 (12112617)		
3872757.0   100.82994 (12112617)	101.38004 (12112617)	101.06251 (12112617)	
101.47549 (12112617)	101.00478 (12112617)		
3872707.0   90.89227 (12112617)	91.33190 (12112617)	91.88129 (12112617)	
91.79371 (12112617)	92.59750 (12112617)		
3872657.0   78.24517 (12112617)	79.36957 (12112617)	80.62368 (12112617)	
80.20847 (12112617)	81.36421 (12112617)		
3872607.0   66.23103 (12112617)	66.44971 (12112617)	67.22881 (12112617)	
67.95376 (12112617)	69.31579 (12112617)		
3872557.0   56.75749 (10012908)	53.80435 (10012908)	54.61727 (12112617)	
56.04870 (12112617)	57.47647 (12112617)		

^ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*  
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 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*  
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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1004 \*\*\*  
 INCLUDING SOURCE(S): 1004 ,

\*\*\* NETWORK ID: BORON ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

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Y-COORD			X-COORD (METERS)
(METERS)	440207.60	440257.60	440307.60
	440357.60	440407.60	

3874057.0	123.48728 (13121217)	122.45488 (13121217)	121.41024 (13121217)
120.35546 (13121217)	119.49076 (13121217)		
3874007.0	122.04211 (13121217)	120.48289 (13121217)	119.20086 (13121217)
118.09401 (13121217)	116.80898 (13121217)		
3873957.0	117.50462 (09111617)	116.68105 (09111617)	116.03125 (09111617)
115.43574 (09111617)	114.73910 (09111617)		
3873907.0	123.17537 (09111617)	122.30021 (09111617)	121.42560 (09111617)
120.66767 (09111617)	119.85732 (09111617)		
3873857.0	125.16379 (09111617)	124.12724 (09111617)	123.28172 (09111617)
122.26152 (09111617)	121.42720 (09111617)		
3873807.0	123.50292 (09111617)	122.46934 (09111617)	121.37950 (09111617)
120.29583 (09111617)	119.22402 (09111617)		
3873757.0	118.17852 (09111617)	116.98614 (09111617)	115.86696 (09111617)

114.69701 (09111617)	113.60340 (09111617)		
3873707.0   109.19454 (09111617)	107.94292 (09111617)	106.83606 (09111617)	
105.54528 (09111617)	104.47095 (09111617)		
3873657.0   96.94315 (09111617)	95.68161 (09111617)	94.35974 (09111617)	
93.20340 (09111617)	91.98981 (09111617)		
3873607.0   81.98603 (09111617)	80.78079 (09111617)	79.51055 (09111617)	
78.42340 (09111617)	77.27209 (09111617)		
3873557.0   94.89836 (09012907)	93.40035 (09012907)	91.65389 (09012907)	
90.27886 (09012907)	88.92113 (09012907)		
3873507.0   107.11923 (09012907)	105.74747 (09012907)	104.29498 (09012907)	
102.66322 (09012907)	101.23490 (09012907)		
3873457.0   116.48925 (09012907)	115.31602 (09012907)	113.95108 (09012907)	
112.28446 (09012907)	110.93730 (09012907)		
3873407.0   122.38974 (09012907)	121.14211 (09012907)	120.12800 (09012907)	
118.66866 (09012907)	117.08626 (09012907)		
3873357.0   124.90681 (09012907)	123.57711 (09012907)	122.36651 (09012907)	
120.89572 (09012907)	119.68458 (09012907)		
3873307.0   123.40948 (09012907)	122.51511 (09012907)	120.97090 (09012907)	
119.51083 (09012907)	118.46800 (09012907)		
3873257.0   118.44370 (09012907)	117.66993 (09012907)	116.50282 (09012907)	
114.43172 (09012907)	114.05193 (09012907)		
3873207.0   108.20187 (09012907)	107.27326 (09012907)	106.87478 (09012907)	
106.46819 (09012907)	106.33061 (09012907)		
3873157.0   94.68475 (09012907)	94.85354 (09012907)	95.00767 (09012907)	
95.14820 (09012907)	95.27492 (09012907)		
3873107.0   79.73793 (09012907)	80.16222 (09012907)	80.57186 (09012907)	
80.72203 (09012907)	80.22853 (09012907)		
3873057.0   82.49341 (12112617)	79.55071 (12112617)	77.23497 (12112617)	
74.93094 (12112617)	72.93738 (12112617)		
3873007.0   92.38218 (12112617)	89.68827 (12112617)	87.83637 (12112617)	
85.48439 (12112617)	82.64496 (12112617)		
3872957.0   100.20462 (12112617)	98.60641 (12112617)	95.36856 (12112617)	
93.57906 (12112617)	91.94246 (12112617)		
3872907.0   105.11163 (12112617)	103.28357 (12112617)	102.00462 (12112617)	
100.31337 (12112617)	98.21472 (12112617)		
3872857.0   107.57575 (12112617)	106.35529 (12112617)	104.07975 (12112617)	
103.17605 (12112617)	102.22463 (12112617)		
3872807.0   105.65100 (12112617)	105.33039 (12112617)	103.71522 (12112617)	
102.65349 (12112617)	102.16787 (12112617)		
3872757.0   100.86861 (12112617)	100.24645 (12112617)	100.38426 (12112617)	
100.44724 (12112617)	100.44209 (12112617)		
3872707.0   93.34310 (12112617)	94.01941 (12112617)	94.04868 (12112617)	
93.20198 (12112617)	93.68846 (12112617)		
3872657.0   82.47028 (12112617)	83.52791 (12112617)	84.34257 (12112617)	
85.28668 (12112617)	84.47048 (12112617)		
3872607.0   71.62958 (12112617)	71.92666 (12112617)	73.18427 (12112617)	
74.23127 (12112617)	74.89300 (12112617)		
3872557.0   58.88095 (12112617)	60.27643 (12112617)	61.65695 (12112617)	
62.86077 (12112617)	63.89480 (12112617)		

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: 1004 \*\*\*  
INCLUDING SOURCE(S): 1004 ,

\*\*\* NETWORK ID: BORON ; NETWORK TYPE:  
GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

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Y-COORD (METERS)			X-COORD (METERS)
440607.60	440457.60	440507.60	440557.60
	440657.60		

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3874057.0	118.49772 (13121217)	117.55405 (13121217)	116.66536 (13121217)
115.77541	(13121217)	114.83032 (13121217)	
3874007.0	115.71432 (13121217)	114.61642 (13121217)	113.33089 (13121217)
112.22481	(13121217)	111.12231 (13121217)	
3873957.0	114.20534 (09111617)	113.67005 (09111617)	112.98855 (09111617)
112.46647	(09111617)	111.89598 (09111617)	
3873907.0	119.10898 (09111617)	118.36738 (09111617)	117.63094 (09111617)
116.90253	(09111617)	116.12110 (09111617)	
3873857.0	120.41968 (09111617)	119.60527 (09111617)	118.61449 (09111617)
117.81934	(09111617)	116.96221 (09111617)	
3873807.0	118.16536 (09111617)	117.18416 (09111617)	116.14093 (09111617)
115.17115	(09111617)	114.20978 (09111617)	
3873757.0	112.38873 (09111617)	111.31674 (09111617)	110.18880 (09111617)
109.21033	(09111617)	108.23853 (09111617)	
3873707.0	103.20561 (09111617)	102.08828 (09111617)	100.91492 (09111617)
99.82176	(09111617)	98.67373 (09111617)	
3873657.0	90.93981 (09111617)	89.75696 (09111617)	88.73468 (09111617)
87.58131	(09111617)	86.51511 (09111617)	
3873607.0	76.05424 (09111617)	75.10376 (09111617)	74.16668 (09111617)
73.07880	(09111617)	72.00773 (09111617)	
3873557.0	87.58110 (09012907)	86.16817 (09012907)	84.68147 (09012907)
83.48200	(09012907)	82.02879 (09012907)	
3873507.0	99.91785 (09012907)	98.42119 (09012907)	97.13120 (09012907)
95.75496	(09012907)	94.48928 (09012907)	
3873457.0	109.37953 (09012907)	107.93862 (09012907)	106.84173 (09012907)
105.42234	(09012907)	104.34122 (09012907)	
3873407.0	115.61695 (09012907)	114.27657 (09012907)	113.32279 (09012907)

112.12410 (09012907)	111.05442 (09012907)		
3873357.0   118.47361 (09012907)	117.26562 (09012907)	116.47913 (09012907)	
115.55636 (09012907)	114.76913 (09012907)		
3873307.0   117.86500 (09012907)	116.82753 (09012907)	116.22698 (09012907)	
115.62243 (09012907)	115.01490 (09012907)		
3873257.0   113.66632 (09012907)	113.13008 (09012907)	112.44295 (09012907)	
112.04490 (09012907)	111.63960 (09012907)		
3873207.0   106.18048 (09012907)	106.02133 (09012907)	105.85601 (09012907)	
104.86817 (09012907)	104.13681 (09012907)		
3873157.0   95.13718 (09012907)	94.85766 (09012907)	94.28967 (09012907)	
94.38216 (09012907)	94.46340 (09012907)		
3873107.0   80.48121 (09012907)	80.84834 (09012907)	81.19569 (09012907)	
81.52718 (09012907)	81.84541 (09012907)		
3873057.0   70.93896 (12112617)	68.12585 (12112617)	66.16823 (12112617)	
66.17939 (09012907)	66.70179 (09012907)		
3873007.0   80.63837 (12112617)	78.78801 (12112617)	76.93586 (12112617)	
75.07036 (12112617)	73.21054 (12112617)		
3872957.0   90.29131 (12112617)	88.61725 (12112617)	86.92620 (12112617)	
85.21851 (12112617)	83.49424 (12112617)		
3872907.0   96.47623 (12112617)	94.71486 (12112617)	93.30787 (12112617)	
91.86840 (12112617)	90.40452 (12112617)		
3872857.0   100.63206 (12112617)	99.60077 (12112617)	98.51800 (12112617)	
96.64251 (12112617)	94.92201 (12112617)		
3872807.0   101.41246 (12112617)	100.80907 (12112617)	100.14976 (12112617)	
99.43578 (12112617)	98.67033 (12112617)		
3872757.0   99.15260 (12112617)	99.02960 (12112617)	98.83445 (12112617)	
98.58316 (12112617)	97.46530 (12112617)		
3872707.0   93.49892 (12112617)	93.85811 (12112617)	94.14094 (12112617)	
94.36838 (12112617)	94.51949 (12112617)		
3872657.0   85.11108 (12112617)	85.88824 (12112617)	86.60460 (12112617)	
87.26103 (12112617)	87.85941 (12112617)		
3872607.0   75.32051 (12112617)	76.05109 (12112617)	77.09482 (12112617)	
78.09031 (12112617)	79.04041 (12112617)		
3872557.0   64.10170 (12112617)	65.21430 (12112617)	66.13423 (12112617)	
67.34398 (12112617)	68.52761 (12112617)		

▲ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*  
\*\*\* 09/09/20  
\*\*\* AERMET - VERSION 14134 \*\*\* \*\*  
\*\*\* 22:25:03

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: 1004 \*\*\*  
INCLUDING SOURCE(S): 1004 ,

\*\*\* NETWORK ID: BORON ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD				X-COORD (METERS)
(METERS)	440707.60		440757.60	440807.60
	440857.60	440907.60		

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3874057.0	113.81225 (13121217)	112.66511 (13121217)	111.63609 (13121217)
110.47054 (13121217)	109.57756 (13121217)		
3874007.0	109.84859 (13121217)	108.62461 (13121217)	107.39814 (13121217)
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3873957.0	111.27745 (09111617)	110.65946 (09111617)	110.04531 (09111617)
109.37777 (09111617)	108.88062 (09111617)		
3873907.0	115.40083 (09111617)	114.57054 (09111617)	113.86172 (09111617)
113.10121 (09111617)	112.28413 (09111617)		
3873857.0	116.05437 (09111617)	115.21692 (09111617)	114.26009 (09111617)
113.37161 (09111617)	112.48631 (09111617)		
3873807.0	113.32322 (09111617)	112.38214 (09111617)	111.38491 (09111617)
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3873757.0	107.14938 (09111617)	106.13140 (09111617)	105.12035 (09111617)
104.05790 (09111617)	103.13487 (09111617)		
3873707.0	97.80951 (09111617)	96.82107 (09111617)	95.65385 (09111617)
94.55982 (09111617)	93.33619 (09111617)		
3873657.0	85.53765 (09111617)	84.56958 (09111617)	83.61613 (09111617)
82.39568 (09111617)	81.10517 (09111617)		
3873607.0	71.11843 (09111617)	70.24303 (09111617)	69.30125 (09111617)
68.12944 (09111617)	66.88021 (09111617)		
3873557.0	80.86115 (09012907)	79.70827 (09012907)	78.30744 (09012907)
77.00949 (09012907)	75.54563 (09012907)		
3873507.0	93.14096 (09012907)	91.99699 (09012907)	90.57905 (09012907)
89.17040 (09012907)	87.87060 (09012907)		
3873457.0	103.05022 (09012907)	101.87727 (09012907)	100.60705 (09012907)
99.45108 (09012907)	98.19784 (09012907)		
3873407.0	110.11062 (09012907)	108.81024 (09012907)	107.75796 (09012907)
106.59161 (09012907)	105.43151 (09012907)		
3873357.0	113.71871 (09012907)	112.67369 (09012907)	111.76385 (09012907)
110.85807 (09012907)	109.95125 (09012907)		
3873307.0	114.13200 (09012907)	113.38380 (09012907)	112.49962 (09012907)
111.75318 (09012907)	110.87175 (09012907)		
3873257.0	111.22845 (09012907)	110.40085 (09012907)	109.84937 (09012907)
109.15839 (09012907)	108.46461 (09012907)		
3873207.0	103.97088 (09012907)	103.79012 (09012907)	103.60055 (09012907)
103.40324 (09012907)	103.19773 (09012907)		
3873157.0	94.53005 (09012907)	94.58665 (09012907)	94.63397 (09012907)
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3873107.0	82.15131 (09012907)	82.44171 (09012907)	82.72020 (09012907)
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3873057.0	67.20911 (09012907)	67.70411 (09012907)	67.72444 (09012907)

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68.19745 (09012907) 68.65440 (09012907)
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3872957.0 | 80.35099 (12112617) 78.63650 (12112617) 76.76233 (12112617)
75.03586 (12112617) 73.30330 (12112617)
3872907.0 | 88.91377 (12112617) 87.39965 (12112617) 84.86460 (12112617)
83.33076 (12112617) 81.12593 (12112617)
3872857.0 | 93.75319 (12112617) 92.54545 (12112617) 91.30555 (12112617)
90.03143 (12112617) 88.37818 (12112617)
3872807.0 | 97.85352 (12112617) 96.98827 (12112617) 95.71178 (12112617)
93.45585 (12112617) 92.30190 (12112617)
3872757.0 | 97.10299 (12112617) 96.67320 (12112617) 96.19316 (12112617)
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3872707.0 | 94.61307 (12112617) 93.85586 (12112617) 93.23599 (12112617)
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3872657.0 | 88.39071 (12112617) 88.86669 (12112617) 89.27403 (12112617)
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3872607.0 | 79.93555 (12112617) 80.78211 (12112617) 80.84861 (12112617)
81.58754 (12112617) 82.27501 (12112617)
3872557.0 | 69.67147 (12112617) 70.77991 (12112617) 71.51767 (12112617)
71.68872 (12112617) 72.67920 (12112617)

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*** AERMOD - VERSION 19191 ***
***                                09/09/20
*** AERMET - VERSION 14134 ***
***                                22:25:03

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: 1004
INCLUDING SOURCE(S): 1004
*** NETWORK ID: BORON ; NETWORK TYPE:

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GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

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**
Y-COORD | X-COORD (METERS)
(METERS) | 440957.60 441007.60 441057.60
441107.60 441157.60

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3874057.0 | 108.53446 (13121217) 107.62436 (13121217) 106.58115 (13121217)
105.24809 (13121217) 103.95935 (13121217)
3874007.0 | 103.92883 (13121217) 102.64204 (13121217) 101.41940 (13121217)
100.20536 (09111617) 99.56172 (09111617)
3873957.0 | 108.38406 (09111617) 107.78052 (09111617) 107.17782 (09111617)

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106.39459 (09111617)	105.52090 (09111617)		
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109.00682 (09111617)	108.07972 (09111617)		
3873807.0   108.44177 (09111617)	107.40952 (09111617)	106.37736 (09111617)	
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3873757.0   101.96402 (09111617)	100.72040 (09111617)	99.61770 (09111617)	
98.67375 (09111617)	97.58897 (09111617)		
3873707.0   92.18675 (09111617)	91.04523 (09111617)	89.91329 (09111617)	
88.78865 (09111617)	87.90998 (09111617)		
3873657.0   79.96994 (09111617)	78.84325 (09111617)	77.80856 (09111617)	
76.70346 (09111617)	75.77518 (09111617)		
3873607.0   65.89532 (09111617)	64.83913 (09111617)	63.79623 (09111617)	
63.02925 (09111617)	62.10090 (09111617)		
3873557.0   74.09170 (09012907)	72.83932 (09012907)	71.50855 (09012907)	
70.47707 (09012907)	69.45744 (09012907)		
3873507.0   86.58370 (09012907)	85.00986 (09012907)	83.85036 (09012907)	
82.80083 (09012907)	81.75957 (09012907)		
3873457.0   96.84629 (09012907)	95.50228 (09012907)	94.27392 (09012907)	
93.38235 (09012907)	92.17047 (09012907)		
3873407.0   104.39735 (09012907)	103.12424 (09012907)	101.97921 (09012907)	
100.96243 (09012907)	100.06948 (09012907)		
3873357.0   108.91812 (09012907)	107.75743 (09012907)	106.73218 (09012907)	
105.57794 (09012907)	104.82367 (09012907)		
3873307.0   110.13011 (09012907)	109.11491 (09012907)	108.37641 (09012907)	
107.36354 (09012907)	106.49003 (09012907)		
3873257.0   107.90843 (09012907)	107.48838 (09012907)	106.79205 (09012907)	
106.09177 (09012907)	105.39213 (09012907)		
3873207.0   102.98323 (09012907)	102.76255 (09012907)	101.48356 (09012907)	
100.98988 (09012907)	100.76539 (09012907)		
3873157.0   94.08181 (09012907)	93.44852 (09012907)	93.45594 (09012907)	
93.45479 (09012907)	93.44414 (09012907)		
3873107.0   82.30188 (09012907)	82.54071 (09012907)	82.76812 (09012907)	
82.98283 (09012907)	83.18495 (09012907)		
3873057.0   69.09823 (09012907)	68.84073 (09012907)	69.26842 (09012907)	
69.68376 (09012907)	69.62645 (09012907)		
3873007.0   60.81903 (12112617)	59.02799 (12112617)	57.00175 (12112617)	
55.35797 (09012907)	55.90000 (09012907)		
3872957.0   71.27912 (12112617)	68.54962 (12112617)	66.69759 (12112617)	
64.99436 (12112617)	63.29008 (12112617)		
3872907.0   79.57140 (12112617)	78.00595 (12112617)	76.42173 (12112617)	
73.91215 (12112617)	72.32864 (12112617)		
3872857.0   86.87982 (12112617)	84.49627 (12112617)	82.97428 (12112617)	
81.43392 (12112617)	79.71295 (12112617)		
3872807.0   91.29811 (12112617)	90.25459 (12112617)	88.08696 (12112617)	
86.25813 (12112617)	85.14934 (12112617)		
3872757.0   93.09830 (12112617)	91.84853 (12112617)	91.13813 (12112617)	
90.38011 (12112617)	89.57902 (12112617)		
3872707.0   92.80070 (12112617)	91.96392 (12112617)	91.64994 (12112617)	

89.93549 (12112617)	89.52908 (12112617)		
3872657.0   88.42793 (12112617)	88.41155 (12112617)	88.53064 (12112617)	
88.58733 (12112617)	86.85496 (12112617)		
3872607.0   82.53649 (12112617)	82.37121 (12112617)	82.51815 (12112617)	
82.60643 (12112617)	83.02092 (12112617)		
3872557.0   73.61914 (12112617)	74.51703 (12112617)	75.37144 (12112617)	
76.00066 (12112617)	76.40992 (12112617)		

▲ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*  
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\*\*\* 22:25:03

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: 1004 \*\*\*  
INCLUDING SOURCE(S): 1004 ,

\*\*\* NETWORK ID: BORON ; NETWORK TYPE:  
GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

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Y-COORD		X-COORD (METERS)
(METERS)	441207.60	441257.60
441357.60	441407.60	441307.60

3874057.0	102.72888 (13121217)	101.57310 (13121217)	100.59071 (13121217)
99.61263 (13121217)	98.54774 (13121217)		
3874007.0	98.89939 (09111617)	98.44490 (09111617)	97.98645 (09111617)
97.52752 (09111617)	97.14551 (09111617)		
3873957.0	104.84253 (09111617)	104.16382 (09111617)	103.63836 (09111617)
103.03761 (09111617)	102.43835 (09111617)		
3873907.0	107.58843 (09111617)	106.77317 (09111617)	106.19364 (09111617)
105.38565 (09111617)	104.73732 (09111617)		
3873857.0	107.15230 (09111617)	106.22563 (09111617)	105.30232 (09111617)
104.62446 (09111617)	103.86997 (09111617)		
3873807.0	103.37516 (09111617)	102.51637 (09111617)	101.50910 (09111617)
100.74523 (09111617)	99.82938 (09111617)		
3873757.0	96.59128 (09111617)	95.67600 (09111617)	94.68812 (09111617)
93.70951 (09111617)	92.81685 (09111617)		
3873707.0	86.88531 (09111617)	85.95023 (09111617)	84.87161 (09111617)
84.03742 (09111617)	83.20874 (09111617)		
3873657.0	74.77770 (09111617)	73.87534 (09111617)	72.90455 (09111617)
72.10971 (09111617)	71.24123 (09111617)		
3873607.0	61.27295 (09111617)	60.37184 (09111617)	59.56904 (09111617)



58.69152 (09111617)	57.91252 (09111617)		
3873557.0   68.26687 (09012907)	67.18389 (09012907)	65.92996 (09012907)	
64.96909 (09012907)	63.74513 (09012907)		
3873507.0   80.53285 (09012907)	79.31790 (09012907)	78.21318 (09012907)	
76.92509 (09012907)	75.94363 (09012907)		
3873457.0   90.85953 (09012907)	89.66659 (09012907)	88.48373 (09012907)	
87.20053 (09012907)	86.25315 (09012907)		
3873407.0   98.82424 (09012907)	97.58279 (09012907)	96.34763 (09012907)	
95.11818 (09012907)	94.14044 (09012907)		
3873357.0   103.67852 (09012907)	102.53535 (09012907)	101.39456 (09012907)	
100.11925 (09012907)	99.12080 (09012907)		
3873307.0   105.47693 (09012907)	104.74480 (09012907)	103.44854 (09012907)	
102.28871 (09012907)	101.42248 (09012907)		
3873257.0   104.69166 (09012907)	103.70809 (09012907)	102.86027 (09012907)	
102.00775 (09012907)	101.44643 (09012907)		
3873207.0   100.53434 (09012907)	99.33894 (09012907)	98.68297 (09012907)	
97.87761 (09012907)	97.20654 (09012907)		
3873157.0   93.42435 (09012907)	92.09823 (09012907)	92.07276 (09012907)	
91.22657 (09012907)	90.63493 (09012907)		
3873107.0   82.30115 (09012907)	82.37009 (09012907)	82.55109 (09012907)	
81.45171 (09012907)	81.36146 (09012907)		
3873057.0   70.02371 (09012907)	69.69947 (09012907)	69.59452 (09012907)	
69.96444 (09012907)	69.46559 (09012907)		
3873007.0   55.65993 (09012907)	56.18879 (09012907)	56.70740 (09012907)	
56.42996 (09012907)	56.47549 (09012907)		
3872957.0   61.58627 (12112617)	59.63744 (12112617)	57.06702 (12112617)	
55.29434 (12112617)	52.41337 (12112617)		
3872907.0   70.14224 (12112617)	68.55678 (12112617)	66.96565 (12112617)	
64.80894 (12112617)	62.38498 (12112617)		
3872857.0   78.30944 (12112617)	76.88973 (12112617)	74.49324 (12112617)	
72.90610 (12112617)	71.45862 (12112617)		
3872807.0   84.00277 (12112617)	82.83157 (12112617)	81.62592 (12112617)	
80.39666 (12112617)	77.63018 (12112617)		
3872757.0   87.62753 (12112617)	86.76140 (12112617)	85.85789 (12112617)	
84.19225 (12112617)	82.13733 (12112617)		
3872707.0   89.07616 (12112617)	88.37967 (12112617)	87.45274 (12112617)	
86.10406 (12112617)	84.91061 (12112617)		
3872657.0   86.81129 (12112617)	86.52403 (12112617)	86.37009 (12112617)	
86.16686 (12112617)	85.53189 (12112617)		
3872607.0   83.37191 (12112617)	83.67142 (12112617)	82.79080 (12112617)	
82.98299 (12112617)	82.37077 (12112617)		
3872557.0   75.86807 (12112617)	76.52717 (12112617)	77.13562 (12112617)	
77.33095 (12112617)	77.29811 (12112617)		

▲ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*\*  
                               \*\*\*                  09/09/20  
 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*  
                               \*\*\*                  22:25:03

VALUES FOR SOURCE GROUP: 1004 \*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 INCLUDING SOURCE(S): 1004 ,

GRIDCART \*\*\* \*\*\* NETWORK ID: BORON ; NETWORK TYPE:

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3  
 \*\*

Y-COORD | X-COORD (METERS)  
 (METERS) | 441457.60

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 3874057.0 | 97.38229 (13121217)  
 3874007.0 | 96.83893 (09111617)  
 3873957.0 | 101.91946 (09111617)  
 3873907.0 | 104.01590 (09111617)  
 3873857.0 | 103.04226 (09111617)  
 3873807.0 | 99.00111 (09111617)  
 3873757.0 | 92.01105 (09111617)  
 3873707.0 | 82.15935 (09111617)  
 3873657.0 | 70.46098 (09111617)  
 3873607.0 | 57.22993 (09111617)  
 3873557.0 | 62.81169 (09012907)  
 3873507.0 | 74.67794 (09012907)  
 3873457.0 | 85.20434 (09012907)  
 3873407.0 | 93.04529 (09012907)  
 3873357.0 | 98.39964 (09012907)  
 3873307.0 | 100.85053 (09012907)  
 3873257.0 | 100.59174 (09012907)  
 3873207.0 | 96.53013 (09012907)  
 3873157.0 | 90.17772 (09012907)  
 3873107.0 | 80.44590 (09012907)  
 3873057.0 | 69.44491 (09012907)  
 3873007.0 | 56.03767 (09012907)  
 3872957.0 | 50.82383 (12112617)  
 3872907.0 | 60.82237 (12112617)  
 3872857.0 | 69.54900 (12112617)  
 3872807.0 | 76.21340 (12112617)  
 3872757.0 | 80.42536 (12112617)  
 3872707.0 | 83.68088 (12112617)  
 3872657.0 | 83.70144 (12112617)  
 3872607.0 | 81.31576 (12112617)  
 3872557.0 | 76.83497 (12112617)

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: 1004 \*\*\*

INCLUDING SOURCE(S): 1004 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)
Y-COORD (M)	CONC	(YYMMDDHH)		
439914.00	3872794.00	106.79946	(12112617)	436263.00
3873356.00	330.96314	(12112617)		
435903.00	3873538.00	467.69538	(09012907)	435899.00
3873948.00	293.36722	(13121217)		
442261.30	3871403.00	36.47715	(12022307)	442263.60
3871503.00	39.84067	(12022307)		
442265.80	3871603.00	43.52647	(10012908)	442268.00
3871703.00	46.12034	(10012908)		
442270.30	3871803.00	45.37963	(10012908)	442272.50
3871903.00	40.54590	(10012908)		
442274.70	3872003.00	32.00205	(10012908)	442276.90
3872103.00	27.42505	(13112808)		
442279.20	3872203.00	30.60462	(12112617)	442281.40
3872303.00	45.59595	(12112617)		
442283.60	3872403.00	59.95417	(12112617)	442284.20
3872428.00	63.01495	(12112617)		
442184.30	3872431.00	63.54360	(12112617)	442084.30
3872435.00	63.30062	(12112617)		
441984.40	3872438.00	62.85521	(12112617)	441884.40
3872441.00	63.04216	(12112617)		
441784.50	3872445.00	62.52076	(12112617)	441684.50
3872448.00	62.94909	(12112617)		
441584.60	3872451.00	61.65112	(12112617)	441487.60
3872455.00	62.06067	(12112617)		
441485.00	3872355.00	43.79757	(12112617)	441482.40
3872255.00	33.91718	(10012908)		
441482.30	3872248.00	34.73693	(10012908)	441382.30
3872252.00	38.15905	(10012908)		
441283.60	3872255.00	41.14717	(10012908)	441281.30
3872155.00	51.54367	(10012908)		
441279.00	3872055.00	58.19445	(10012908)	441276.70

3871955.00	59.79486	(10012908)			
441274.30	3871855.00	55.51917	(10012908)		441274.10
3871844.00	55.05371	(10012908)			
441174.10	3871847.00	54.32282	(12022307)		441074.20
3871850.00	53.10287	(12022307)			
440974.20	3871853.00	52.96048	(12022307)		440874.30
3871856.00	52.84262	(12022307)			
440774.30	3871859.00	52.50771	(12022307)		440676.30
3871862.00	52.85556	(12022307)			
440674.00	3871762.00	44.17541	(12022307)		440671.70
3871662.00	37.29692	(12022307)			
440669.30	3871562.00	28.76845	(12022307)		440667.00
3871463.00	25.11465	(12112207)			
440666.80	3871450.00	25.19401	(12112207)		440766.70
3871447.00	24.43017	(13111117)			
440866.70	3871444.00	24.68476	(13111117)		440966.60
3871441.00	24.71416	(13111117)			
441066.60	3871438.00	24.75509	(13111117)		441166.50
3871435.00	25.97407	(12022307)			
441266.50	3871432.00	28.36657	(12022307)		441366.40
3871429.00	31.15064	(12022307)			
441466.40	3871426.00	32.87048	(12022307)		441566.40
3871423.00	34.39442	(12022307)			
441666.30	3871420.00	34.62919	(12022307)		441766.30
3871417.00	35.91887	(12022307)			
441866.20	3871415.00	36.77888	(12022307)		441966.20
3871412.00	35.16232	(12022307)			
442066.10	3871409.00	36.07005	(12022307)		442166.10
3871406.00	35.91158	(12022307)			
440693.20	3872567.00	71.76645	(12112617)		440695.70
3872667.00	89.48206	(12112617)			
440696.30	3872690.00	92.14405	(12112617)		440596.30
3872692.00	91.90558	(12112617)			
440496.30	3872695.00	91.64860	(12112617)		440495.40
3872695.00	91.64060	(12112617)			
440496.80	3872723.00	95.95874	(12112617)		440396.80
3872722.00	95.79782	(12112617)			
440296.80	3872722.00	96.57811	(12112617)		440196.80
3872721.00	95.38539	(12112617)			
440096.80	3872720.00	94.17258	(12112617)		439996.80
3872720.00	94.20678	(12112617)			
439896.80	3872719.00	92.34912	(12112617)		439887.70
3872719.00	92.16340	(12112617)			
439885.90	3872619.00	67.01600	(12112617)		439885.10
3872574.00	58.81042	(10012908)			
439985.10	3872573.00	57.61333	(12112617)		440085.10
3872572.00	58.77753	(12112617)			
440185.10	3872571.00	61.51131	(12112617)		440285.10
3872570.00	63.90605	(12112617)			

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1004  
 INCLUDING SOURCE(S): 1004 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)
Y-COORD (M)	CONC	(YYMMDDHH)		
440385.10	3872570.00	66.56790	(12112617)	440485.10
3872569.00	67.28786	(12112617)		
440585.10	3872568.00	69.50209	(12112617)	440685.10
3872567.00	71.58692	(12112617)		
440685.70	3872275.00	57.08138	(10012908)	440688.30
3872375.00	47.01116	(10012908)		
440690.80	3872475.00	51.78098	(12112617)	440692.00
3872520.00	60.89277	(12112617)		
440592.00	3872522.00	58.76800	(12112617)	440492.00
3872523.00	57.24385	(12112617)		
440392.00	3872525.00	55.57579	(12112617)	440292.00
3872526.00	53.99274	(12112617)		
440192.10	3872528.00	51.70755	(12112617)	440092.10
3872529.00	53.88754	(10012908)		
439992.10	3872531.00	59.03607	(10012908)	439892.10
3872532.00	63.04424	(10012908)		
439884.50	3872532.00	63.34705	(10012908)	439883.00
3872432.00	74.23553	(10012908)		
439881.50	3872332.00	77.41083	(10012908)	439880.80
3872278.00	76.11617	(10012908)		
439980.80	3872278.00	75.06972	(10012908)	440080.80
3872277.00	73.91275	(10012908)		
440180.80	3872277.00	71.33052	(10012908)	440280.80
3872277.00	69.57881	(10012908)		
440380.80	3872276.00	66.77269	(10012908)	440480.80
3872276.00	63.15316	(10012908)		
440580.80	3872275.00	59.99816	(10012908)	440680.80
3872275.00	57.22225	(10012908)		
437456.80	3871498.00	58.74038	(13111317)	437556.80

3871496.00	55.76064	(13111317)			
437656.80	3871495.00	53.93112	(13111317)		437756.80
3871494.00	52.16366	(13111317)			
437856.80	3871492.00	51.15581	(13021307)		437956.80
3871491.00	50.05787	(13021307)			
438056.80	3871490.00	48.67757	(13021307)		438156.80
3871488.00	47.57697	(12120717)			
438256.80	3871487.00	46.28320	(12120717)		438356.80
3871486.00	45.17005	(10030107)			
438456.70	3871484.00	45.61132	(10030107)		438556.70
3871483.00	44.28262	(10030107)			
438656.70	3871482.00	43.53159	(10030107)		438756.70
3871480.00	42.57326	(11121207)			
438856.70	3871479.00	41.51512	(11121207)		438956.70
3871478.00	38.83379	(11121207)			
439056.70	3871476.00	37.24495	(11121207)		439156.70
3871475.00	37.02596	(11121207)			
439256.70	3871474.00	36.30909	(11121207)		439356.70
3871472.00	35.13308	(11121207)			
439456.60	3871471.00	34.97543	(11121207)		439556.60
3871470.00	34.75351	(11121207)			
439656.60	3871468.00	34.85244	(11121207)		439756.60
3871467.00	35.79479	(11121207)			
439856.60	3871466.00	35.77707	(11121207)		439877.70
3871465.00	35.64571	(11121207)			
439879.30	3871565.00	34.75810	(11121207)		439880.80
3871665.00	32.40872	(11121207)			
439882.40	3871765.00	29.80016	(12022307)		439884.00
3871865.00	40.85948	(12022307)			
439885.60	3871965.00	55.03769	(12022307)		439887.10
3872065.00	62.74326	(12022307)			
439888.70	3872165.00	69.07287	(12022307)		439890.30
3872265.00	75.00177	(10012908)			
439891.90	3872365.00	77.45765	(10012908)		439893.40
3872465.00	70.12482	(10012908)			
439895.00	3872565.00	59.73219	(10012908)		439896.60
3872665.00	80.03714	(12112617)			
439898.20	3872765.00	102.58104	(12112617)		439899.80
3872865.00	113.82152	(12112617)			
439901.30	3872965.00	110.39759	(12112617)		439902.90
3873065.00	94.79877	(12112617)			
439903.70	3873112.00	85.19334	(12112617)		439803.70
3873113.00	89.53621	(12112617)			
439703.70	3873114.00	94.76984	(12112617)		439603.70
3873115.00	100.09738	(12112617)			
439503.70	3873116.00	105.50354	(12112617)		439403.70
3873117.00	110.98648	(12112617)			
439303.70	3873118.00	116.37728	(12112617)		439203.70
3873120.00	121.52453	(12112617)			
439103.70	3873121.00	127.30306	(12112617)		439003.70

3873122.00 132.94025 (12112617)  
 ^ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*\*  
 \*\*\* 09/09/20  
 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*  
 \*\*\* 22:25:03

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1004 \*\*\*  
 INCLUDING SOURCE(S): 1004 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	X-COORD (M)
Y-COORD (M)	CONC (YYMMDDHH)		
438903.70	3873123.00	137.51900 (12112617)	438803.70
3873124.00	142.04149 (12112617)		
438703.70	3873125.00	146.07287 (12112617)	438603.70
3873126.00	149.46020 (12112617)		
438503.80	3873127.00	153.37168 (12112617)	438403.80
3873128.00	157.20264 (12112617)		
438303.80	3873129.00	161.53671 (12112617)	438203.80
3873130.00	165.23017 (12112617)		
438103.80	3873131.00	168.69349 (12112617)	438003.80
3873132.00	171.88899 (12112617)		
437903.80	3873133.00	174.77142 (12112617)	437803.80
3873134.00	177.28724 (12112617)		
437703.80	3873135.00	179.37451 (12112617)	437603.80
3873137.00	183.91057 (12112617)		
437503.80	3873138.00	185.16025 (12112617)	437449.40
3873138.00	185.41891 (12112617)		
437449.80	3873038.00	143.37652 (12112617)	437450.30
3872938.00	148.82109 (10012908)		
437450.80	3872838.00	143.97333 (12022307)	437451.20
3872738.00	128.42317 (12022307)		
437451.70	3872638.00	109.83724 (12022307)	437452.10
3872538.00	90.01193 (12022307)		
437452.60	3872438.00	84.96778 (11121207)	437453.00
3872338.00	84.06396 (11121207)		
437453.50	3872238.00	79.53397 (11121207)	437453.90
3872138.00	78.01669 (09010807)		
437454.40	3872038.00	74.63175 (09010807)	437454.80

3871938.00	70.66039	(09010807)			
437455.30	3871838.00	66.26623	(13021307)		437455.70
3871738.00	62.99462	(13021307)			
437456.20	3871638.00	60.88640	(13111317)		437456.60
3871538.00	59.41903	(13111317)			
435800.90	3871509.00	68.01686	(13022207)		435900.90
3871509.00	67.78122	(13022207)			
436000.90	3871509.00	67.40982	(13022207)		436100.90
3871509.00	68.40200	(13020507)			
436200.90	3871509.00	68.59396	(13020507)		436300.90
3871509.00	68.36273	(13020507)			
436400.90	3871509.00	67.85402	(13020507)		436500.90
3871509.00	67.47019	(12110707)			
436600.90	3871509.00	67.47127	(09120207)		436700.90
3871509.00	67.04991	(09120207)			
436800.90	3871509.00	66.22874	(09120207)		436900.90
3871509.00	65.15167	(09120207)			
437000.90	3871509.00	63.33477	(09120207)		437100.90
3871509.00	61.31726	(09120207)			
437200.90	3871510.00	60.20528	(13111317)		437300.90
3871510.00	60.48541	(13111317)			
437400.90	3871510.00	59.20320	(13111317)		437448.90
3871510.00	58.92191	(13111317)			
437448.90	3871610.00	60.48275	(13111317)		437448.90
3871710.00	62.11498	(13021307)			
437448.90	3871810.00	66.03391	(13021307)		437448.90
3871910.00	69.60466	(09010807)			
437448.90	3872010.00	73.50327	(09010807)		437448.90
3872110.00	77.31551	(09010807)			
437448.90	3872210.00	79.12505	(09010807)		437448.90
3872310.00	83.14720	(11121207)			
437448.90	3872410.00	84.98346	(11121207)		437448.90
3872510.00	86.90301	(11121207)			
437448.90	3872610.00	104.00480	(12022307)		437449.00
3872710.00	124.00709	(12022307)			
437449.00	3872810.00	141.07043	(12022307)		437449.00
3872910.00	146.90872	(10012908)			
437449.00	3873010.00	146.10956	(10012908)		437449.00
3873110.00	176.14070	(12112617)			
437449.00	3873210.00	199.64522	(12112617)		437449.00
3873211.00	199.67934	(12112617)			
437349.00	3873212.00	205.54284	(12112617)		437249.00
3873213.00	209.77975	(12112617)			
437149.00	3873215.00	216.03662	(12112617)		437049.00
3873216.00	222.36749	(12112617)			
436949.00	3873217.00	226.02791	(12112617)		436849.00
3873218.00	228.25744	(12112617)			
436749.10	3873220.00	229.97743	(12112617)		436649.10
3873221.00	232.49299	(12112617)			
436549.10	3873222.00	233.43082	(12112617)		436449.10



3873224.00 237.36869 (12022307)  
 436349.10 3873225.00 253.30884 (12022307) 436249.10

3873226.00 264.25521 (12022307)

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

VALUES FOR SOURCE GROUP: 1004 \*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION \*\*\*

INCLUDING SOURCE(S): 1004 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)
Y-COORD (M)	CONC	(YYMMDDHH)		
436149.10	3873228.00	269.22739	(12022307)	436049.10
3873229.00	270.76955	(12022307)		
435949.10	3873230.00	271.21136	(12022307)	435849.10
3873232.00	271.81659	(12022307)		
435835.80	3873232.00	271.60238	(12022307)	435833.70
3873132.00	214.35452	(12022307)		
435831.70	3873032.00	174.68028	(09010807)	435829.70
3872932.00	159.40136	(09010807)		
435827.70	3872832.00	145.07412	(09010807)	435825.60
3872732.00	131.81224	(13111317)		
435823.60	3872632.00	122.06910	(13111317)	435821.60
3872532.00	114.14078	(13111317)		
435819.60	3872432.00	106.64671	(13111317)	435817.50
3872332.00	100.16089	(09120207)		
435815.50	3872232.00	95.07996	(09120207)	435813.50
3872132.00	89.94049	(09120207)		
435811.50	3872032.00	85.14198	(09120207)	435809.40
3871932.00	80.95620	(13020507)		
435807.40	3871832.00	77.78032	(13020507)	435805.40
3871732.00	74.09654	(13020507)		
435803.40	3871632.00	70.89429	(13022207)	435801.40
3871532.00	68.54173	(13022207)		
435809.00	3873839.00	499.44875	(13121217)	435714.00
3873870.00	485.26828	(13121217)		
435619.00	3873902.00	462.99679	(13121217)	435524.10

3873933.00	402.26931	(13121217)			
435484.00	3873946.00	364.62676	(09110217)		435384.10
3873949.00	365.61321	(09110217)			
435284.10	3873952.00	364.44485	(09110217)		435184.20
3873956.00	355.19824	(09110217)			
435084.20	3873959.00	348.52172	(09110217)		434984.30
3873962.00	345.13596	(09110217)			
434884.30	3873965.00	342.46308	(12013117)		434784.30
3873968.00	357.28131	(12013117)			
434684.40	3873971.00	366.48307	(12013117)		434626.00
3873973.00	371.02283	(12013117)			
434568.80	3873891.00	363.22533	(12121907)		434511.60
3873809.00	367.25520	(12121907)			
434511.00	3873808.00	367.21611	(12121907)		434416.00
3873777.00	374.92637	(13121007)			
434404.00	3873773.00	377.21892	(13121007)		434346.10
3873855.00	331.34004	(12121907)			
434288.20	3873936.00	324.99788	(09110217)		434279.00
3873949.00	328.92962	(09110217)			
434180.20	3873964.00	330.16048	(09110217)		434081.30
3873980.00	341.44963	(12013117)			
434026.00	3873988.00	356.00294	(12013117)		433926.00
3873987.00	397.27995	(12121907)			
433826.00	3873985.00	426.12753	(12121907)		433726.00
3873984.00	447.09990	(12121907)			
433626.00	3873982.00	461.14740	(12121907)		433526.10
3873981.00	469.28662	(12121907)			
433426.10	3873980.00	475.49676	(12121907)		433326.10
3873978.00	480.04159	(12121907)			
433226.10	3873977.00	481.15140	(12121907)		433126.10
3873975.00	480.14501	(12121907)			
433026.10	3873974.00	479.78230	(12121907)		432967.00
3873973.00	479.17635	(12121907)			
432867.60	3873963.00	473.05020	(12121907)		432770.00
3873952.00	468.37421	(12121907)			
432681.60	3873905.00	531.29618	(13121007)		432679.00
3873904.00	532.60064	(13121007)			
432681.20	3873804.00	570.38238	(13121007)		432683.40
3873704.00	576.11045	(13121007)			
432685.70	3873604.00	562.52408	(13121007)		432687.90
3873504.00	535.41995	(11122207)			
432690.10	3873404.00	554.78627	(09113007)		432691.00
3873364.00	548.24757	(09113007)			
432791.00	3873364.00	540.91247	(09113007)		432891.00
3873364.00	532.93741	(09113007)			
432991.00	3873364.00	524.30392	(09113007)		433091.00
3873364.00	514.64800	(09113007)			
433191.00	3873364.00	504.90128	(09113007)		433291.00
3873364.00	494.64626	(09113007)			
433391.00	3873364.00	484.27969	(09113007)		433491.00

3873364.00 475.80800 (09113007)  
 433591.00 3873364.00 467.06692 (09113007) 433691.00  
 3873364.00 456.30559 (09113007)  
 433791.00 3873364.00 445.54207 (09113007) 433891.00  
 3873365.00 435.52439 (09113007)  
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 \*\*\* 09/09/20  
 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*  
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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1004 \*\*\*  
 INCLUDING SOURCE(S): 1004 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)
Y-COORD (M)	CONC	(YYMMDDHH)		
433991.00	3873365.00	422.21836	(09113007)	434091.00
3873365.00	408.81332	(09113007)		
434191.00	3873365.00	396.86350	(09113007)	434291.00
3873365.00	383.28469	(09113007)		
434391.00	3873365.00	370.34431	(09113007)	434491.00
3873365.00	354.31013	(09113007)		
434591.00	3873365.00	351.01195	(12022307)	434691.00
3873365.00	360.23749	(12022307)		
434791.00	3873365.00	371.13356	(12022307)	434891.00
3873365.00	382.10044	(12022307)		
434991.00	3873365.00	388.15633	(12022307)	435091.00
3873365.00	401.30728	(12022307)		
435191.00	3873365.00	413.50520	(12022307)	435291.00
3873365.00	419.26388	(12022307)		
435391.00	3873365.00	422.95775	(12022307)	435491.00
3873365.00	433.73795	(12112617)		
435591.00	3873365.00	449.34672	(12112617)	435691.00
3873365.00	455.93782	(12112617)		
435791.00	3873365.00	462.33628	(12112617)	435836.00
3873365.00	465.26393	(12112617)		
435830.30	3873465.00	499.24813	(09012907)	435824.60
3873565.00	508.66383	(09012907)		
435818.90	3873665.00	499.53931	(09111617)	435813.30

3873764.00	502.02567	(13121217)			
433343.00	3874839.00	146.21614	(13120417)		433243.10
3874835.00	139.88700	(13120417)			
433143.20	3874831.00	137.02557	(11112117)		433043.30
3874827.00	143.24284	(11112117)			
432943.30	3874823.00	145.23015	(11112117)		432843.40
3874819.00	144.84510	(11112117)			
432809.00	3874817.00	147.05786	(13120417)		432808.50
3874717.00	162.70677	(13120417)			
432807.90	3874617.00	173.94145	(13120417)		432807.40
3874517.00	193.05625	(12013117)			
432807.00	3874449.00	205.75280	(12013117)		432707.00
3874448.00	207.84974	(12013117)			
432675.00	3874448.00	208.09677	(12013117)		432675.30
3874348.00	224.97485	(10102917)			
432675.70	3874248.00	275.40917	(12121907)		432676.00
3874164.00	325.98203	(12121907)			
432754.00	3874129.00	343.45310	(12121907)		432853.50
3874119.00	344.16663	(12121907)			
432953.00	3874109.00	347.43948	(12121907)		432999.00
3874104.00	349.89892	(12121907)			
433099.00	3874105.00	345.09959	(12121907)		433199.00
3874105.00	340.24814	(12121907)			
433299.00	3874106.00	330.72872	(12121907)		433399.00
3874106.00	316.55044	(12121907)			
433499.00	3874107.00	301.94741	(12013117)		433599.00
3874107.00	301.30614	(12013117)			
433699.00	3874108.00	294.91883	(12013117)		433799.00
3874108.00	280.62578	(12013117)			
433899.00	3874109.00	259.50348	(13120417)		433999.00
3874109.00	234.73477	(11112117)			
434099.00	3874110.00	233.39444	(10102917)		434169.00
3874110.00	243.13077	(13121208)			
434176.00	3874210.00	234.73872	(12013117)		434183.00
3874310.00	216.57766	(13120417)			
434190.00	3874409.00	195.64276	(13120417)		434197.00
3874509.00	173.78994	(11112117)			
434204.00	3874609.00	162.96435	(11112117)		434211.00
3874709.00	149.15847	(11112117)			
434217.90	3874808.00	135.98938	(09012607)		434218.00
3874809.00	135.92068	(09012607)			
434118.10	3874813.00	138.97904	(11112117)		434018.10
3874816.00	143.18366	(11112117)			
433918.20	3874819.00	145.27676	(11112117)		433818.20
3874823.00	144.74839	(11112117)			
433718.30	3874826.00	141.84401	(11112117)		433618.30
3874830.00	144.11806	(13120417)			
433518.40	3874833.00	148.45194	(13120417)		433418.50
3874837.00	148.34582	(13120417)			

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\*\*\* AERMET - VERSION 14134 \*\*\*  
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: 1003 \*\*\*  
INCLUDING SOURCE(S): 1003 ,

\*\*\* NETWORK ID: COURSE ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD (METERS)		X-COORD (METERS)
432233.00	430733.00	431233.00
	432733.00	431733.00

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3879761.0	68.33066 (09012607)	21.94634 (12033007)	71.21342 (12110107)
71.42264 (13123017)	76.40500 (13123017)		
3879261.0	50.15845 (09012607)	76.52216 (09012607)	75.78175 (12110107)
76.14113 (12110107)	81.55845 (13123017)		
3878761.0	37.03260 (10012807)	60.68828 (09012607)	83.40154 (09012607)
84.14086 (12110107)	77.57969 (13123017)		
3878261.0	61.89995 (11112117)	39.60787 (10012807)	72.45456 (09012607)
89.60374 (09012607)	89.94824 (12110107)		
3877761.0	80.76898 (11112117)	68.89319 (11112117)	48.25596 (09012607)
84.24441 (09012607)	93.92192 (09012607)		
3877261.0	71.54372 (11112117)	86.72662 (11112117)	76.21248 (11112117)
60.56790 (09012607)	96.79790 (09012607)		
3876761.0	72.34838 (13120417)	73.70180 (11112117)	93.03604 (11112117)
84.52675 (11112117)	75.34040 (09012607)		
3876261.0	82.11609 (13120417)	84.48630 (13120417)	75.75825 (11112117)
100.04073 (11112117)	95.14533 (11112117)		
3875761.0	71.71765 (12013117)	83.11091 (13120417)	93.38175 (13120417)
88.09418 (13120417)	108.16507 (11112117)		
3875261.0	71.42221 (12013117)	80.01792 (12013117)	82.34519 (12013117)
99.91254 (13120417)	104.91333 (13120417)		
3874761.0	71.36366 (13121208)	76.47286 (13121208)	83.57268 (12013117)
94.16714 (12013117)	103.13734 (13120417)		
3874261.0	73.92933 (12121907)	76.64307 (12121907)	80.30852 (13121208)
86.49307 (13121208)	99.27066 (12013117)		
3873761.0	72.61512 (12121907)	78.07849 (12121907)	83.26900 (12121907)
88.77117 (12121907)	95.08008 (12121907)		
3873261.0	54.25605 (13121007)	61.15846 (12121907)	74.45876 (12121907)

84.40695 (12121907)	93.68361 (12121907)		
3872761.0   71.39066 (13121007)	75.50831 (13121007)	80.38832 (13121007)	
85.05296 (13121007)	92.22628 (13121007)		
3872261.0   70.45788 (13121007)	74.82332 (13121007)	79.45115 (13121007)	
85.58522 (13121007)	92.78318 (13121007)		
3871761.0   68.85441 (09113007)	74.07130 (09113007)	79.31973 (09113007)	
84.14067 (09113007)	92.29807 (09113007)		
3871261.0   69.53586 (09113007)	74.04009 (09113007)	79.44526 (09113007)	
83.61521 (09113007)	90.35330 (09113007)		
3870761.0   59.76533 (09112517)	60.01993 (09112517)	60.99617 (09112517)	
59.55111 (10102007)	73.74846 (10102007)		
3870261.0   39.01157 (10102007)	49.15470 (10102007)	58.61359 (10102007)	
67.59737 (10102007)	70.16359 (10102007)		
3869761.0   47.82806 (10102007)	52.90409 (10102007)	56.94685 (10102007)	
59.92023 (12112717)	64.91392 (12122817)		
3869261.0   45.32323 (09011517)	51.03148 (12112717)	55.71270 (12122817)	
59.83424 (11111017)	65.57227 (09013007)		
3868761.0   48.63593 (12112717)	49.73684 (12122817)	53.70776 (09013007)	
58.82257 (09013007)	49.47237 (09013007)		
3868261.0   46.50918 (11111017)	51.55496 (09013007)	52.50458 (09013007)	
40.98587 (09013007)	59.31142 (09010507)		
3867761.0   49.23240 (09013007)	46.50549 (09013007)	35.62926 (09010507)	
53.74770 (09010507)	57.85134 (09123117)		
3867261.0   40.65128 (09013007)	31.99921 (09010507)	49.07442 (09010507)	
52.80814 (09123117)	53.62848 (13010208)		
3866761.0   27.42118 (09010507)	47.09701 (09010507)	52.99204 (09010507)	
48.28636 (10012008)	53.28355 (09020607)		
3866261.0   33.41793 (09010507)	50.19263 (09010507)	45.61062 (09123117)	
48.62060 (13010208)	51.07555 (09122807)		
3865761.0   41.15356 (09010507)	47.24383 (09123117)	44.85530 (13010208)	
47.17153 (09020607)	57.41218 (09010207)		
3865261.0   44.76440 (09123117)	40.30980 (13010208)	43.62029 (09020607)	
46.98671 (09010207)	60.43271 (09010207)		
3864761.0   36.26398 (10012008)	39.52551 (13010208)	42.11829 (09122807)	
56.34047 (09010207)	50.31684 (09010207)		

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   \*\*\*          09/09/20  
 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*  
   \*\*\*          22:25:03

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1003 \*\*\*  
 INCLUDING SOURCE(S): 1003 ,

\*\*\* NETWORK ID: COURSE ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD				X-COORD (METERS)
(METERS)	433233.00		433733.00	434233.00
434733.00		435233.00		

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3879761.0	69.85250 (13110817)	76.03164 (13110817)	66.96929 (12032707)
62.36938 (09102117)	74.13423 (13010917)		
3879261.0	70.90005 (13123017)	77.27104 (13110817)	74.99140 (13110817)
71.21830 (09102117)	78.48790 (13010917)		
3878761.0	85.45776 (13123017)	81.29318 (13110817)	84.30160 (13110817)
74.22058 (09102117)	81.53739 (13010917)		
3878261.0	91.15600 (13123017)	83.09569 (13123017)	91.55231 (13110817)
79.88857 (12032707)	67.04960 (13010917)		
3877761.0	92.10482 (12110107)	98.15626 (13123017)	95.77942 (13110817)
93.34946 (13110817)	85.83267 (09102117)		
3877261.0	102.28857 (12110107)	102.89996 (13123017)	98.35427 (13123017)
103.86272 (13110817)	91.54419 (09102117)		
3876761.0	109.41738 (09012607)	111.54585 (12110107)	113.31305 (13123017)
110.90936 (13110817)	103.39170 (13110817)		
3876261.0	92.99568 (09012607)	121.42636 (09012607)	117.57594 (13123017)
116.70578 (13123017)	118.48977 (13110817)		
3875761.0	108.03756 (11112117)	113.94135 (09012607)	129.95076 (12110107)
132.76991 (13123017)	128.57032 (09122317)		
3875261.0	116.47242 (11112117)	123.06367 (11112117)	134.76520 (09012607)
143.89543 (12110107)	141.80058 (13123017)		
3874761.0	117.80394 (13120417)	125.20246 (11112117)	138.97038 (11112117)
160.96173 (09012607)	162.50032 (13123017)		
3874261.0	110.80478 (12013117)	128.53808 (13120417)	142.00833 (13120417)
168.79900 (11112117)	194.51928 (09012607)		
3873761.0	102.18761 (12121907)	120.52127 (12013117)	140.95599 (13120417)
171.19824 (13120417)	220.83822 (11112117)		
3873261.0	102.72157 (12121907)	113.93983 (12121907)	130.41707 (12121907)
165.54430 (12013117)	220.05562 (13120417)		
3872761.0	101.05035 (13121007)	112.25173 (13121007)	131.08755 (12121907)
157.99329 (12121907)	214.20494 (12013117)		
3872261.0	101.57516 (13121007)	113.07970 (13121007)	131.45099 (13121007)
158.95197 (13121007)	210.49354 (13121007)		
3871761.0	101.91124 (09113007)	113.37461 (09113007)	131.99024 (09113007)
162.62747 (09113007)	213.98951 (09113007)		
3871261.0	97.56249 (09113007)	103.00186 (09113007)	122.55122 (10102007)
151.33189 (10102007)	185.58135 (10102007)		
3870761.0	87.12535 (10102007)	97.08190 (10102007)	100.91834 (10102007)
120.08395 (09013007)	142.58150 (09010507)		
3870261.0	74.35646 (12122817)	82.38878 (09013007)	93.49224 (09013007)
110.16763 (09010507)	143.05348 (09010207)		
3869761.0	74.62675 (09013007)	74.72523 (09013007)	89.74119 (09010507)

100.43500 (09010207) 123.82331 (09010207)  
3869261.0 | 60.20481 (09013007) 76.47521 (09010507) 78.76625 (13010208)  
106.43100 (09010207) 101.87087 (09010207)  
3868761.0 | 66.42779 (09010507) 69.56359 (09123117) 83.53062 (09010207)  
97.17126 (09010207) 73.34496 (09010207)  
3868261.0 | 63.34851 (09123117) 67.65826 (09020607) 88.09717 (09010207)  
81.28019 (09010207) 54.40394 (10101507)  
3867761.0 | 60.27726 (13010208) 72.93293 (09010207) 79.70686 (09010207)  
57.42480 (09030207) 37.37956 (10101507)  
3867261.0 | 58.61413 (09122807) 74.70374 (09010207) 64.78624 (09010207)  
38.49807 (10101507) 20.58921 (10101507)  
3866761.0 | 64.44867 (09010207) 69.23747 (09010207) 40.21864 (09030207)  
19.40199 (10101507) 13.47076 (09100107)  
3866261.0 | 67.78874 (09010207) 46.68291 (09010207) 20.63382 (09030207)  
10.66602 (09031707) 10.00624 (09100107)  
3865761.0 | 58.05963 (09010207) 31.27564 (09030207) 11.35242 (11122917)  
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3865261.0 | 40.41393 (09030207) 15.83501 (13013007) 9.14060 (09031707)  
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6.36721 (09100107) 6.37697 (10030508)

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: 1003 \*\*\*  
INCLUDING SOURCE(S): 1003 ,

\*\*\* NETWORK ID: COURSE ; NETWORK TYPE:  
GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

Y-COORD | X-COORD (METERS)  
(METERS) | 435733.00 436233.00 436733.00  
437233.00 437733.00

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14.66351 (10021007) 41.40072 (09021007)  
3878761.0 | 46.77515 (13012408) 23.86442 (13012408) 26.84077 (12111517)



22.68361 (09012717)	32.88614 (09020308)		
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69.49960 (13120517)	71.36047 (09021007)		
3877761.0   95.38260 (13010917)	95.27640 (11112407)	69.09266 (11112407)	
56.36735 (13120517)	57.63152 (09021007)		
3877261.0   102.01845 (13010917)	104.68676 (11112407)	100.60009 (11112407)	
80.38039 (13120517)	71.10913 (09021007)		
3876761.0   109.22595 (13010917)	112.75468 (11112407)	109.68367 (11112407)	
79.24476 (09021007)	71.20218 (09021007)		
3876261.0   117.26883 (13010917)	121.86689 (11112407)	120.76955 (11112407)	
91.70448 (09021007)	91.40376 (09021007)		
3875761.0   126.09655 (13010917)	131.62739 (11112407)	133.23481 (11112407)	
103.93551 (09021007)	101.31682 (10022507)		
3875261.0   139.69102 (13110817)	146.13746 (11112407)	148.15392 (11112407)	
116.04632 (09021007)	112.29106 (09122808)		
3874761.0   159.70591 (09122317)	164.96147 (11112407)	167.71964 (11112407)	
132.37898 (09021007)	130.97578 (11110817)		
3874261.0   195.64022 (13123017)	191.08234 (11112407)	198.35100 (11112407)	
163.76074 (12111517)	160.11873 (11122017)		
3873761.0   249.38487 (09012607)	248.23154 (09122317)	251.41068 (11112407)	
225.81410 (11112407)	202.93976 (09111717)		
3873261.0   341.91073 (11112117)	392.82141 (12110107)	343.55140 (11112407)	
264.64574 (09111717)	218.74306 (12111417)		
3872761.0   358.79609 (13120417)	379.18278 (11112117)	218.59089 (13123017)	
171.95581 (12111417)	151.74574 (09110217)		
3872261.0   338.35932 (12121907)	313.26984 (12013117)	155.87679 (09010207)	
138.98900 (09110217)	96.20150 (11121207)		
3871761.0   338.01091 (09113007)	274.38336 (09010207)	179.88420 (09010207)	
135.49283 (13022207)	95.35245 (13012117)		
3871261.0   252.76418 (09010207)	245.38683 (09010207)	158.36426 (12112107)	
113.24325 (13120607)	79.43581 (13022207)		
3870761.0   180.74897 (09010207)	150.74810 (09010207)	107.72597 (12112007)	
50.54122 (09103017)	44.09563 (09010608)		
3870261.0   140.34076 (09010207)	107.29170 (10010408)	86.23445 (10020307)	
58.02747 (12120608)	36.59946 (09103017)		
3869761.0   101.08392 (09010207)	85.37510 (10010408)	54.06792 (13020708)	
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3869261.0   79.95950 (13020407)	54.77953 (10101507)	31.67288 (09121117)	
18.34906 (13020708)	13.07156 (09021608)		
3868761.0   55.85223 (13020407)	33.07814 (09121117)	20.84401 (09121117)	
12.14018 (11121307)	11.84648 (09021608)		
3868261.0   31.34487 (10101507)	21.47486 (09121117)	13.02109 (09121117)	
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3867761.0   19.82346 (09121117)	14.20162 (09100107)	8.21259 (11121217)	
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3866761.0   9.71106 (09100107)	6.71687 (12091907)	7.25067 (12091907)	
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3866261.0   6.87432 (09100107)	6.14099 (12041607)	5.49325 (10010410)	



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3874261.0 | 158.73219 (12011107) 132.60372 (12111417) 58.02126 (11100607)  
82.99607 (13103117) 83.88519 (13103117)  
3873761.0 | 175.62220 (12111417) 136.27744 (13010717) 111.11574 (13103117)  
91.04058 (09110217) 71.41103 (09110217)  
3873261.0 | 152.03799 (13010717) 121.10442 (09110217) 93.06820 (09110217)  
67.63100 (13121217) 61.39971 (13121217)  
3872761.0 | 114.78767 (09110217) 87.71292 (13121217) 76.77596 (13121217)  
63.73510 (13121217) 56.85426 (13121217)  
3872261.0 | 76.86702 (12022307) 69.31226 (12022307) 59.22297 (13121217)  
49.86639 (13121217) 44.79485 (13121217)  
3871761.0 | 63.30876 (13111317) 46.73784 (11121207) 35.20506 (11121207)  
32.09989 (10012908) 33.63515 (10012908)  
3871261.0 | 55.05258 (13012117) 47.13097 (10031507) 31.90514 (11121207)  
29.67337 (11121207) 28.51154 (11121207)  
3870761.0 | 32.84936 (12112808) 32.71742 (13012117) 31.98928 (10012608)  
25.02235 (11121207) 21.56110 (11121207)  
3870261.0 | 26.69942 (09010608) 26.29593 (12112808) 25.06137 (13012117)  
28.95518 (10012608) 18.98211 (10012617)  
3869761.0 | 16.44889 (13030807) 17.38791 (09020508) 22.15178 (12112808)  
20.75930 (13012117) 21.38481 (13012117)  
3869261.0 | 11.40530 (09021608) 14.11048 (13030807) 14.66828 (09020508)  
18.81262 (12112808) 16.32889 (12112808)  
3868761.0 | 10.94833 (09021608) 10.78549 (13030807) 10.66396 (13030807)  
12.88927 (09020508) 16.96623 (12112808)  
3868261.0 | 6.77081 (12011009) 7.84002 (10040707) 9.92235 (13030807)  
8.18703 (09020508) 12.35795 (09020508)  
3867761.0 | 6.69546 (11102708) 8.47079 (09021608) 8.31569 (10040707)  
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3867261.0 | 6.57519 (11102708) 8.31986 (09021608) 7.35339 (10040707)  
8.15787 (10040707) 7.44769 (13030807)  
3866761.0 | 6.30101 (11102708) 7.62108 (09021608) 6.89151 (12011009)  
7.94405 (10040707) 7.33031 (10040707)  
3866261.0 | 5.76876 (13071707) 6.67815 (09021608) 6.69569 (12011009)  
6.75207 (10040707) 7.95345 (10040707)  
3865761.0 | 5.51930 (13071707) 6.34370 (11102708) 6.03301 (12011009)  
6.54280 (12011009) 7.47695 (10040707)  
3865261.0 | 5.16555 (13071707) 6.05338 (11102708) 5.88851 (11102708)  
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3864761.0 | 5.11889 (09092508) 5.53072 (11102708) 6.11822 (11102708)  
6.00307 (12011009) 6.21102 (12011009)

▲ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*  
\*\*\* 09/09/20  
\*\*\* AERMET - VERSION 14134 \*\*\* \*\*  
\*\*\* 22:25:03

VALUES FOR SOURCE GROUP: 1003 \*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 INCLUDING SOURCE(S): 1003 ,

GRIDCART \*\*\* \*\* NETWORK ID: COURSE ; NETWORK TYPE:

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

Y-COORD | X-COORD (METERS)  
 (METERS) | 440733.00 441233.00 441733.00  
 442233.00 442733.00

3879761.0	13.29071 (09012708)	10.88052 (09012708)	8.58159 (12021408)
6.18652 (13032107)	5.98011 (10012817)		
3879261.0	14.65273 (09012708)	10.75096 (13011417)	9.53433 (12122708)
8.61735 (10012817)	7.65468 (10012817)		
3878761.0	16.87388 (11122017)	15.70397 (12122708)	12.17253 (13121817)
11.61783 (10012817)	7.04091 (10012817)		
3878261.0	23.46288 (12122708)	18.55449 (09111717)	13.72049 (10012817)
10.52109 (10012817)	9.77299 (12031307)		
3877761.0	19.91945 (12122708)	20.08804 (12011107)	20.15944 (12011107)
14.75249 (12111417)	14.45064 (12110217)		
3877261.0	27.35483 (09111717)	26.79759 (12011107)	26.27019 (12111417)
24.39376 (12111417)	22.93049 (11100607)		
3876761.0	37.19778 (12011107)	37.66225 (12111417)	34.60482 (12111417)
31.82080 (11100607)	26.49364 (13010717)		
3876261.0	46.39150 (12111417)	34.59837 (11100607)	21.83567 (11100607)
26.19018 (13010717)	31.67538 (13103117)		
3875761.0	51.42566 (11100607)	14.40182 (11100607)	12.82007 (13012808)
26.75090 (09110217)	41.21778 (09110217)		
3875261.0	67.25837 (13010717)	47.28485 (13103117)	41.20577 (09110217)
45.54419 (09110217)	44.10110 (09110217)		
3874761.0	75.43629 (13103117)	65.18115 (09110217)	55.64305 (09110217)
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3874261.0	70.88791 (09110217)	56.45820 (09110217)	35.32481 (09110217)
32.14124 (09030307)	28.18413 (09030307)		
3873761.0	46.16993 (09110217)	37.06060 (09030307)	30.27828 (09030307)
29.45579 (09011407)	28.66511 (09011407)		
3873261.0	55.90484 (13121217)	51.38236 (13121217)	48.17471 (13121217)
44.37446 (13121217)	40.50471 (13121217)		
3872761.0	51.76342 (13121217)	47.50258 (13121217)	42.52909 (13121217)
38.00611 (13121217)	35.93271 (13121217)		
3872261.0	41.95621 (13121217)	41.25410 (13121217)	37.26671 (13121217)
30.93009 (09111617)	30.46791 (09111617)		
3871761.0	32.17800 (10012908)	31.32633 (10012908)	30.86753 (13010417)

27.25535 (13010417)	24.10160 (13010417)		
3871261.0   26.21459 (10012908)	25.16025 (10012908)	25.23557 (10012908)	
23.33770 (10012908)	19.96713 (10012908)		
3870761.0   21.41625 (11121207)	20.89093 (11121207)	15.85703 (10012908)	
17.81041 (10012908)	16.08297 (10012908)		
3870261.0   19.04110 (10012617)	17.71987 (10012617)	15.38995 (10012617)	
11.68914 (10012617)	9.81157 (11121207)		
3869761.0   11.93257 (10012608)	13.74632 (10012617)	13.64000 (10012617)	
12.80174 (10012617)	10.46128 (10012617)		
3869261.0   13.23129 (09011317)	9.02180 (10012707)	7.13771 (10012617)	
9.33962 (10012617)	10.41200 (10012617)		
3868761.0   14.68244 (12112808)	9.73096 (10012707)	6.81916 (10012707)	
5.39352 (10071607)	5.48165 (10012617)		
3868261.0   15.34985 (12112808)	13.28395 (12112808)	8.89835 (10012707)	
7.60420 (10012707)	5.68986 (10012707)		
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3866761.0   5.42574 (13030807)	6.90503 (09020508)	8.60064 (09020508)	
10.84233 (12112808)	10.34274 (12112808)		
3866261.0   5.98106 (10040707)	4.84859 (12102908)	6.45500 (09020508)	
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3865761.0   7.37444 (10040707)	4.61395 (13030807)	5.05747 (12102908)	
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3865261.0   7.71348 (10040707)	6.29547 (10040707)	3.61576 (13030807)	
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\*\*\* MODELOPTs: RegDFault CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: 1003  
INCLUDING SOURCE(S): 1003 ,

\*\*\* NETWORK ID: COURSE ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD			X-COORD (METERS)
(METERS)	443233.00	443733.00	444233.00
	444733.00	445233.00	

3879761.0	5.24428 (10012817)	5.57825 (10012817)	5.79477 (12031307)
5.81273 (12110217)	7.06550 (12110217)		
3879261.0	6.21754 (10012817)	7.36378 (12031307)	6.52467 (12110217)
7.57024 (12110217)	8.53216 (11100607)		
3878761.0	6.44162 (12031307)	8.71386 (12110217)	8.16093 (12110217)
8.66373 (09013017)	7.91644 (09013017)		
3878261.0	8.34659 (12110217)	10.24418 (11100607)	9.15751 (09013017)
7.94457 (09013017)	8.62168 (12121307)		
3877761.0	13.31132 (11100607)	11.09669 (11100607)	8.55562 (12121307)
10.16837 (09012707)	11.69283 (13103117)		
3877261.0	15.80081 (11100607)	11.79243 (12121307)	11.96609 (13103117)
16.40175 (13103117)	16.71874 (09110217)		
3876761.0	19.50689 (13103117)	18.14995 (13103117)	19.45910 (09110217)
22.81604 (09110217)	20.41266 (09110217)		
3876261.0	27.45313 (09110217)	26.78494 (09110217)	26.77865 (09110217)
25.81237 (09110217)	14.30616 (09110217)		
3875761.0	36.52616 (09110217)	33.60446 (09110217)	25.47154 (09110217)
16.91196 (09030307)	15.92953 (09030307)		
3875261.0	33.93249 (09110217)	24.70646 (09030307)	22.60332 (09030307)
21.51137 (09030307)	18.50426 (09030307)		
3874761.0	28.20121 (09030307)	25.29549 (09030307)	21.20118 (09030307)
16.42266 (09030307)	10.61550 (09030307)		
3874261.0	22.35619 (09030307)	15.09009 (09030307)	13.84980 (09011407)
16.54445 (09011407)	18.32526 (09011407)		
3873761.0	28.23320 (09011407)	27.25280 (09011407)	25.97070 (09011407)
25.10832 (09011407)	24.51220 (09011407)		
3873261.0	37.83949 (13121217)	36.92167 (13121217)	35.05904 (13121217)
33.49947 (13121217)	34.11668 (13121217)		
3872761.0	34.17617 (13121217)	31.66974 (13121217)	30.29413 (13121217)
29.43071 (13121217)	30.33945 (13121217)		
3872261.0	29.06105 (09111617)	26.91516 (09111617)	24.18028 (09111617)
24.09570 (09111617)	26.98818 (09111617)		
3871761.0	22.59235 (13010417)	21.56599 (13010417)	18.71466 (13010417)
20.92797 (13010417)	23.96191 (13010417)		
3871261.0	17.38886 (10012908)	16.61213 (12112617)	14.71997 (12112617)
16.69856 (12112617)	19.50662 (12112617)		
3870761.0	14.51330 (13112808)	14.28154 (13112808)	13.96973 (13112808)
13.62534 (13112808)	15.17350 (10012908)		
3870261.0	10.64598 (10012908)	10.77810 (10012908)	11.14643 (10012908)
11.19662 (10012908)	10.52921 (13112808)		
3869761.0	10.84802 (10012617)	8.07888 (10012617)	9.18537 (13111117)
7.60845 (13111117)	5.73220 (13111117)		
3869261.0	11.17433 (10012617)	10.19419 (10012617)	9.78038 (10012617)
7.55412 (10012617)	5.95091 (13111117)		
3868761.0	8.50032 (10012617)	9.31693 (10012617)	10.89374 (10012617)
9.92129 (10012617)	7.86974 (10012617)		
3868261.0	5.75736 (09011607)	5.73370 (09011607)	8.35062 (10012617)

8.78176 (10012617)	8.20839 (10012617)		
3867761.0   6.26745 (10012707)	5.98571 (09011607)	5.97079 (09011607)	
4.69322 (10012617)	5.81448 (10012617)		
3867261.0   8.04378 (10012707)	6.78753 (10012707)	5.48686 (12123108)	
5.27172 (09011607)	4.44595 (09011607)		
3866761.0   6.77532 (12112808)	6.89092 (10012707)	6.64065 (10012707)	
5.12685 (10012707)	4.54923 (10071607)		
3866261.0   9.42617 (12112808)	6.38663 (12112808)	5.98338 (10012707)	
5.99924 (10012707)	4.90832 (10071607)		
3865761.0   8.85302 (12112808)	8.70564 (12112808)	5.94787 (12112808)	
4.81587 (10012707)	5.19413 (10012707)		
3865261.0   6.39442 (12123109)	8.24857 (12112808)	8.18339 (12112808)	
5.43237 (12112808)	4.09821 (13110617)		
3864761.0   6.15022 (12102908)	6.24501 (12123109)	7.69623 (12112808)	
7.36175 (12112808)	4.70308 (12112808)		

^ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*  
 \*\*\* 09/09/20  
 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*  
 \*\*\* 22:25:03

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\*\*\* MODELOPTs: RegDFault CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1003 \*\*\*  
 INCLUDING SOURCE(S): 1003 ,

\*\*\* NETWORK ID: COURSE ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD		X-COORD (METERS)
(METERS)	445733.00	

3879761.0	7.98860 (11100607)
3879261.0	7.99721 (09013017)
3878761.0	8.18796 (12121307)
3878261.0	9.72091 (13103117)
3877761.0	12.76767 (13103117)
3877261.0	17.09503 (09110217)
3876761.0	18.61692 (09110217)
3876261.0	14.07039 (09030307)
3875761.0	17.12114 (09030307)
3875261.0	15.09533 (09030307)
3874761.0	8.43522 (12012517)
3874261.0	19.24600 (09011407)

3873761.0	23.54829	(09011407)
3873261.0	34.03389	(13121217)
3872761.0	31.94074	(13121217)
3872261.0	28.53326	(09111617)
3871761.0	25.32744	(09012907)
3871261.0	21.31780	(12112617)
3870761.0	15.20571	(12112617)
3870261.0	11.19941	(13112808)
3869761.0	7.38100	(13111117)
3869261.0	6.53076	(13111117)
3868761.0	6.85042	(10012617)
3868261.0	7.32548	(10012617)
3867761.0	6.16377	(10012617)
3867261.0	3.64455	(09011307)
3866761.0	4.20734	(09011607)
3866261.0	4.66669	(10071607)
3865761.0	4.66335	(10071607)
3865261.0	4.38171	(10012707)
3864761.0	3.17358	(13110617)

^ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*\*  
                                     \*\*\*                    09/09/20  
 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*  
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\*\*\* MODELOPTs:    RegDEFAULT   CONC   ELEV   FLGPOL   RURAL

\*\*\* THE    1ST HIGHEST   1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1003       \*\*\*  
                                     INCLUDING SOURCE(S):    1003       ,

\*\*\* NETWORK ID: DESERTL   ;   NETWORK TYPE:  
 GRIDCART \*\*\*

\*\* CONC OF OTHER        IN MICROGRAMS/M\*\*3  
      \*\*

Y-COORD			X-COORD (METERS)
(METERS)	435850.40	435900.40	435950.40
	436000.40	436050.40	

3874157.0	212.96716	(13123017)	206.39987	(13123017)	202.34651	(09122317)
200.86727	(09122317)	200.50228	(09122317)			
3874107.0	217.08190	(13123017)	213.35280	(13123017)	207.93724	(13123017)
206.75838	(09122317)	205.49656	(09122317)			
3874057.0	214.39953	(13123017)	213.68225	(13123017)	213.23773	(13123017)
211.00471	(09122317)	210.74861	(09122317)			
3874007.0	219.74332	(13123017)	218.64324	(13123017)	218.04116	(13123017)



215.51807 (13123017)	214.15149 (09122317)		
3873957.0   232.68117 (13123017)	223.99787 (13123017)	222.66540 (13123017)	
220.62720 (13123017)	217.66430 (13123017)		
3873907.0   235.35664 (13123017)	229.45491 (13123017)	228.42941 (13123017)	
226.81497 (13123017)	224.38425 (13123017)		
3873857.0   235.54561 (13123017)	235.06735 (13123017)	234.29318 (13123017)	
233.04081 (13123017)	231.09309 (13123017)		
3873807.0   241.26380 (13123017)	240.89703 (13123017)	240.31491 (13123017)	
239.36566 (13123017)	237.83934 (13123017)		
3873757.0   248.35936 (12110107)	247.00700 (13123017)	246.56738 (13123017)	
246.37790 (13123017)	245.72952 (13123017)		
3873707.0   256.39856 (12110107)	254.09024 (12110107)	253.11984 (13123017)	
254.27331 (13123017)	255.06198 (13123017)		
3873657.0   264.58320 (12110107)	262.78066 (12110107)	260.17888 (12110107)	
260.85861 (13123017)	263.81585 (13123017)		
3873607.0   274.81565 (09012607)	271.65836 (12110107)	269.60921 (12110107)	
269.74232 (13123017)	273.16387 (13123017)		
3873557.0   285.73175 (09012607)	282.38393 (09012607)	279.27548 (12110107)	
281.10452 (12110107)	283.96179 (13123017)		
3873507.0   296.95334 (09012607)	294.25330 (09012607)	291.36201 (09012607)	
293.55570 (12110107)	297.72731 (12110107)		
3873457.0   308.66360 (09012607)	306.55966 (09012607)	307.67282 (09012607)	
310.43539 (09012607)	314.00832 (12110107)		
3873407.0   323.69003 (09012607)	324.74113 (09012607)	326.99106 (09012607)	
330.39862 (09012607)	330.85980 (09012607)		
3873357.0   340.01179 (09012607)	342.66445 (09012607)	347.02976 (09012607)	
352.10273 (09012607)	352.99001 (09012607)		
3873307.0   357.22900 (09012607)	362.60599 (09012607)	368.18535 (09012607)	
373.78306 (09012607)	377.68609 (09012607)		
3873257.0   372.96553 (09012607)	372.62567 (09012607)	384.16142 (09012607)	
382.94241 (09012607)	396.07146 (09012607)		
3873207.0   371.50464 (09012607)	375.71710 (09012607)	382.58188 (09012607)	
381.76613 (09012607)	393.13329 (09012607)		
3873157.0   369.90671 (11112117)	376.62814 (09012607)	376.34908 (09012607)	
379.79588 (09012607)	389.23743 (09012607)		

▲ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*\*

\*\*\* 09/09/20

\*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

VALUES FOR SOURCE GROUP: 1003 \*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION \*\*\*

INCLUDING SOURCE(S): 1003 ,

\*\*\* NETWORK ID: DESERTL ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD				X-COORD (METERS)
(METERS)	436100.40		436150.40	436200.40
	436250.40	436300.40		

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3874157.0	199.93016 (09122317)	199.38435 (11112407)	199.27210 (11112407)
199.50549 (11112407)	199.04725 (11112407)		
3874107.0	204.37796 (09122317)	203.31392 (09122317)	203.70652 (11112407)
206.71538 (11112407)	208.19175 (11112407)		
3874057.0	209.69172 (09122317)	209.42926 (09122317)	212.00148 (11112407)
215.82210 (11112407)	216.45250 (11112407)		
3874007.0	214.92389 (09122317)	215.48899 (09122317)	217.13870 (11112407)
219.94827 (11112407)	221.21558 (11112407)		
3873957.0	218.52652 (09122317)	220.42072 (09122317)	222.60182 (09122317)
224.23528 (11112407)	225.38444 (11112407)		
3873907.0	223.86411 (09122317)	225.57642 (09122317)	227.73902 (09122317)
229.06496 (11112407)	230.68414 (11112407)		
3873857.0	228.65446 (13123017)	230.99687 (09122317)	233.47374 (09122317)
235.06439 (09122317)	236.32960 (11112407)		
3873807.0	237.41000 (13123017)	237.64169 (09122317)	239.94331 (09122317)
241.82932 (09122317)	243.50955 (11112407)		
3873757.0	246.42493 (13123017)	246.53669 (13123017)	246.84646 (09122317)
249.43773 (09122317)	250.63810 (09122317)		
3873707.0	255.79853 (13123017)	256.14673 (13123017)	255.23131 (13123017)
256.73880 (09122317)	258.28969 (09122317)		
3873657.0	265.65877 (13123017)	266.68856 (13123017)	266.04352 (13123017)
265.55121 (09122317)	266.47689 (09122317)		
3873607.0	276.78955 (13123017)	278.42475 (13123017)	277.36100 (13123017)
276.17532 (13123017)	276.77092 (09122317)		
3873557.0	288.19566 (13123017)	291.67988 (13123017)	289.95655 (13123017)
287.85120 (13123017)	286.65144 (13123017)		
3873507.0	301.42962 (13123017)	304.88111 (13123017)	304.87610 (13123017)
302.73530 (13123017)	299.43506 (13123017)		
3873457.0	315.83543 (12110107)	317.98591 (13123017)	319.25497 (13123017)
318.32290 (13123017)	317.04930 (13123017)		
3873407.0	332.18439 (12110107)	333.32576 (13123017)	334.35413 (13123017)
336.41485 (13123017)	336.55376 (13123017)		
3873357.0	351.56220 (09012607)	350.01633 (12110107)	353.02851 (13123017)
356.03938 (13123017)	355.34908 (13123017)		
3873307.0	373.67876 (09012607)	368.44250 (09012607)	373.83282 (12110107)
375.48385 (13123017)	374.01321 (13123017)		
3873257.0	393.01948 (09012607)	388.40254 (09012607)	395.22253 (09012607)
392.79430 (12110107)	389.28119 (13123017)		
3873207.0	392.51270 (09012607)	389.20802 (09012607)	399.88619 (09012607)
396.47522 (09012607)	392.88834 (12110107)		
3873157.0	389.31895 (09012607)	400.64114 (09012607)	397.19176 (09012607)

395.29929 (09012607) 389.25728 (12110107)  
▲ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*  
\*\*\* 09/09/20  
\*\*\* AERMET - VERSION 14134 \*\*\* \*\*  
\*\*\* 22:25:03

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: 1003 \*\*\*  
INCLUDING SOURCE(S): 1003 ,

\*\*\* NETWORK ID: DESERTL ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD (METERS)			X-COORD (METERS)
436500.40	436350.40	436400.40	436450.40
	436550.40		

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-----  
3874157.0 | 198.93480 (11112407) 200.18546 (11112407) 203.53398 (11112407)  
206.08631 (11112407) 206.20324 (11112407)  
3874107.0 | 207.12809 (11112407) 208.55377 (11112407) 209.84758 (11112407)  
211.22663 (11112407) 211.32971 (11112407)  
3874057.0 | 215.82469 (11112407) 215.69616 (11112407) 215.56792 (11112407)  
215.93636 (11112407) 216.49775 (11112407)  
3874007.0 | 221.08179 (11112407) 220.94786 (11112407) 220.81444 (11112407)  
220.68076 (11112407) 220.80327 (11112407)  
3873957.0 | 226.13033 (11112407) 225.99159 (11112407) 226.40081 (11112407)  
226.26135 (11112407) 226.12219 (11112407)  
3873907.0 | 232.09759 (11112407) 232.23722 (11112407) 232.09208 (11112407)  
232.22121 (11112407) 232.34045 (11112407)  
3873857.0 | 237.87958 (11112407) 238.34094 (11112407) 238.75978 (11112407)  
238.60699 (11112407) 239.46437 (11112407)  
3873807.0 | 244.06851 (11112407) 245.21275 (11112407) 245.63537 (11112407)  
246.25673 (11112407) 246.55298 (11112407)  
3873757.0 | 251.09264 (11112407) 252.31992 (11112407) 252.77173 (11112407)  
253.43038 (11112407) 253.50406 (11112407)  
3873707.0 | 259.20465 (09122317) 259.67625 (11112407) 261.12164 (11112407)  
261.21614 (11112407) 260.97615 (11112407)  
3873657.0 | 267.81023 (09122317) 267.65587 (11112407) 269.30276 (11112407)  
269.40976 (11112407) 269.07621 (11112407)  
3873607.0 | 277.49773 (09122317) 278.05832 (09122317) 278.24760 (11112407)  
278.28087 (11112407) 277.70165 (11112407)  
3873557.0 | 287.60178 (09122317) 288.61345 (09122317) 288.48222 (11112407)

288.14396 (11112407)	287.49829 (11112407)		
3873507.0   299.78474 (09122317)	301.11283 (09122317)	300.35332 (09122317)	
298.80178 (11112407)	298.04472 (11112407)		
3873457.0   316.07040 (13123017)	314.59457 (09122317)	313.44753 (09122317)	
311.64910 (09122317)	309.85151 (11112407)		
3873407.0   333.95651 (13123017)	329.03512 (13123017)	327.89710 (09122317)	
326.22625 (09122317)	323.84808 (09122317)		
3873357.0   352.54112 (13123017)	348.20348 (13123017)	343.79515 (09122317)	
342.16893 (09122317)	339.73956 (09122317)		
3873307.0   371.81100 (13123017)	368.32834 (13123017)	362.93649 (13123017)	
358.53973 (09122317)	356.57231 (09122317)		
3873257.0   388.02669 (13123017)	386.41487 (13123017)	382.73105 (13123017)	
377.01484 (13123017)	370.85606 (09122317)		
3873207.0   390.78941 (13123017)	394.84514 (13123017)	392.16274 (13123017)	
413.04732 (13123017)	398.54755 (09122317)		
3873157.0   391.58034 (12110107)	390.41474 (13123017)	403.86732 (13123017)	
400.49076 (13123017)	378.27531 (13123017)		

^ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*\*  
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 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*  
 \*\*\* 22:25:03

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1003 \*\*\*  
 INCLUDING SOURCE(S): 1003 ,

\*\*\* NETWORK ID: DESERTL ; NETWORK TYPE:  
 GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3  
 \*\*

Y-COORD			X-COORD (METERS)
(METERS)	436600.40	436650.40	436700.40
	436750.40	436800.40	

3874157.0	205.60474 (11112407)	206.63679 (11112407)	206.93368 (11112407)
207.74135 (11112407)	207.44371 (11112407)		
3874107.0	210.97757 (11112407)	211.08049 (11112407)	211.59616 (11112407)
212.04713 (11112407)	212.26640 (11112407)		
3874057.0	216.36815 (11112407)	216.45353 (11112407)	216.92166 (11112407)
217.31712 (11112407)	217.49349 (11112407)		
3874007.0	221.15777 (11112407)	222.10071 (11112407)	222.33607 (11112407)
222.53497 (11112407)	222.54279 (11112407)		
3873957.0	226.73792 (11112407)	227.67490 (11112407)	228.06558 (11112407)

227.91339 (11112407)	227.71977 (11112407)		
3873907.0   233.37031 (11112407)	233.80420 (11112407)	233.61342 (11112407)	
233.41146 (11112407)	233.14307 (11112407)		
3873857.0   239.74764 (11112407)	239.74752 (11112407)	239.49615 (11112407)	
239.13061 (11112407)	238.90946 (11112407)		
3873807.0   246.37781 (11112407)	246.11268 (11112407)	245.67704 (11112407)	
245.36126 (11112407)	244.92163 (11112407)		
3873757.0   253.20838 (11112407)	252.93886 (11112407)	252.30027 (11112407)	
251.67787 (11112407)	251.37891 (11112407)		
3873707.0   260.60563 (11112407)	260.20149 (11112407)	259.49095 (11112407)	
259.04553 (11112407)	258.06510 (11112407)		
3873657.0   268.60174 (11112407)	268.10758 (11112407)	267.53553 (11112407)	
267.04834 (11112407)	265.96278 (11112407)		
3873607.0   276.87636 (11112407)	276.67547 (11112407)	275.98354 (11112407)	
275.20510 (11112407)	274.34146 (11112407)		
3873557.0   286.57293 (11112407)	285.79860 (11112407)	285.37631 (11112407)	
283.95684 (11112407)	282.27124 (11112407)		
3873507.0   297.28535 (11112407)	295.91937 (11112407)	294.55643 (11112407)	
293.35060 (11112407)	291.65446 (11112407)		
3873457.0   309.17899 (11112407)	307.61588 (11112407)	305.69309 (11112407)	
302.97725 (11112407)	300.31282 (11112407)		
3873407.0   322.41163 (11112407)	319.89228 (11112407)	317.04484 (11112407)	
312.45310 (11112407)	309.01665 (11112407)		
3873357.0   335.73826 (09122317)	332.31745 (11112407)	327.98313 (11112407)	
321.96095 (11112407)	317.55999 (11112407)		
3873307.0   351.81369 (09122317)	344.34166 (11112407)	338.40762 (11112407)	
331.18917 (11112407)	329.83897 (11112407)		
3873257.0   368.98555 (09122317)	359.06227 (09122317)	345.06295 (09122317)	
303.63525 (11112407)	303.54050 (11112407)		
3873207.0   373.76087 (09122317)	361.90610 (09122317)	342.46076 (13110817)	
301.63041 (11112407)	301.62668 (11112407)		
3873157.0   358.55774 (09122317)	351.89856 (09122317)	301.75552 (09122317)	
297.69617 (13110817)	295.67958 (11112407)		

▲ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*  
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 \*\*\* 22:25:03

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1003 \*\*\*  
 INCLUDING SOURCE(S): 1003 ,

\*\*\* NETWORK ID: DESERTL ; NETWORK TYPE:  
 GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD |  
(METERS) | 436850.40

X-COORD (METERS)

-----  
-----  
3874157.0 | 207.48035 (11112407)  
3874107.0 | 212.59365 (11112407)  
3874057.0 | 217.49387 (11112407)  
3874007.0 | 222.35209 (11112407)  
3873957.0 | 227.47707 (11112407)  
3873907.0 | 232.94121 (11112407)  
3873857.0 | 238.60183 (11112407)  
3873807.0 | 244.65427 (11112407)  
3873757.0 | 250.92763 (11112407)  
3873707.0 | 257.70506 (11112407)  
3873657.0 | 265.13560 (11112407)  
3873607.0 | 273.12554 (11112407)  
3873557.0 | 281.40063 (11112407)  
3873507.0 | 289.77688 (11112407)  
3873457.0 | 297.91424 (11112407)  
3873407.0 | 307.40501 (11112407)  
3873357.0 | 315.54805 (11112407)  
3873307.0 | 328.47676 (11112407)  
3873257.0 | 303.44357 (11112407)  
3873207.0 | 301.62277 (11112407)  
3873157.0 | 295.67564 (11112407)

^ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*  
\*\*\* 09/09/20  
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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: 1003 \*\*\*

INCLUDING SOURCE(S): 1003 ,

\*\*\* NETWORK ID: BORON ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD |  
(METERS) | 439957.60  
440107.60

440007.60

X-COORD (METERS)  
440057.60

440157.60

3874057.0	88.24980 (13103117)	87.25442 (09110217)	86.25171 (09110217)
85.21548 (09110217)	84.07856 (09110217)		
3874007.0	88.31220 (09110217)	87.22864 (09110217)	85.92804 (09110217)
84.77283 (09110217)	83.56238 (09110217)		
3873957.0	87.86916 (09110217)	86.67579 (09110217)	85.25797 (09110217)
83.96364 (09110217)	82.55158 (09110217)		
3873907.0	87.21149 (09110217)	85.76550 (09110217)	84.26152 (09110217)
82.69632 (09110217)	81.11794 (09110217)		
3873857.0	86.10890 (09110217)	84.61829 (09110217)	82.88873 (09110217)
81.08748 (09110217)	79.26677 (09110217)		
3873807.0	84.86010 (09110217)	83.01249 (09110217)	81.14619 (09110217)
79.14615 (09110217)	77.12324 (09110217)		
3873757.0	83.00166 (09110217)	81.00915 (09110217)	78.93651 (09110217)
76.78536 (09110217)	74.55602 (09110217)		
3873707.0	80.83929 (09110217)	78.57248 (09110217)	76.34864 (09110217)
73.98992 (09110217)	71.56518 (09110217)		
3873657.0	78.16696 (09110217)	75.68352 (09110217)	73.32503 (09110217)
70.77455 (09110217)	68.17330 (09110217)		
3873607.0	75.03977 (09110217)	72.48961 (09110217)	69.75464 (09110217)
67.17198 (09110217)	64.35006 (09110217)		
3873557.0	71.68529 (09110217)	68.83072 (09110217)	65.93492 (09110217)
63.21665 (09110217)	60.28360 (09110217)		
3873507.0	67.73819 (09110217)	64.73791 (09110217)	61.72475 (09110217)
58.77581 (09110217)	55.88829 (09110217)		
3873457.0	63.45483 (09110217)	60.35040 (09110217)	57.32155 (09110217)
54.30228 (09110217)	51.29779 (09110217)		
3873407.0	58.89574 (09110217)	55.72214 (09110217)	52.56837 (09110217)
49.58592 (09110217)	46.62593 (09110217)		
3873357.0	54.12472 (09110217)	52.96365 (13121217)	52.85961 (13121217)
52.74538 (13121217)	52.66208 (13121217)		
3873307.0	60.44902 (13121217)	60.00675 (13121217)	59.67505 (13121217)
59.28128 (13121217)	58.88881 (13121217)		
3873257.0	64.93980 (13121217)	64.33048 (13121217)	63.73215 (13121217)
63.05954 (13121217)	62.55603 (13121217)		
3873207.0	66.44698 (13121217)	65.49721 (13121217)	64.99788 (13121217)
64.50758 (13121217)	63.39068 (13121217)		
3873157.0	66.90777 (13121217)	66.37136 (13121217)	65.72740 (13121217)
64.25432 (13121217)	63.65313 (13121217)		
3873107.0	67.22981 (13121217)	65.51452 (13121217)	64.88058 (13121217)
64.39178 (13121217)	63.12855 (13121217)		
3873057.0	65.98199 (13121217)	65.47575 (13121217)	64.97796 (13121217)
63.67724 (13121217)	62.66664 (13121217)		
3873007.0	64.53972 (13121217)	64.07285 (13121217)	63.61306 (13121217)
63.16021 (13121217)	62.43194 (13121217)		
3872957.0	64.57570 (13121217)	64.10870 (13121217)	63.35142 (13121217)
61.85611 (13121217)	61.29244 (13121217)		
3872907.0	62.99725 (13121217)	62.57150 (13121217)	62.15119 (13121217)
61.73654 (13121217)	60.39994 (13121217)		
3872857.0	62.52538 (13121217)	62.11214 (13121217)	60.54042 (13121217)

60.16544 (13121217)	59.79442 (13121217)		
3872807.0   61.33725 (13121217)	60.95396 (13121217)	60.57467 (13121217)	
60.19943 (13121217)	58.32938 (13121217)		
3872757.0   60.28138 (13121217)	59.92407 (13121217)	58.85764 (13121217)	
58.52309 (13121217)	57.49825 (13121217)		
3872707.0   59.56847 (13121217)	58.67267 (13121217)	57.98208 (13121217)	
56.76077 (13121217)	56.46853 (13121217)		
3872657.0   57.87451 (13121217)	57.38245 (13121217)	57.08718 (13121217)	
55.11737 (13121217)	54.86038 (13121217)		
3872607.0   57.71197 (13121217)	55.86159 (13121217)	54.82140 (13121217)	
53.79241 (13121217)	53.56296 (13121217)		
3872557.0   55.75326 (13121217)	54.28180 (13121217)	53.24410 (13121217)	
53.03089 (13121217)	52.81702 (13121217)		

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\*\*\* 09/09/20  
\*\*\* AERMET - VERSION 14134 \*\*\* \*\*  
\*\*\* 22:25:03

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: 1003 \*\*\*  
INCLUDING SOURCE(S): 1003 ,

\*\*\* NETWORK ID: BORON ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD			X-COORD (METERS)
(METERS)	440207.60	440257.60	440307.60
440357.60	440407.60		

3874057.0   82.78294 (09110217)	81.44224 (09110217)	80.05296 (09110217)	
78.60696 (09110217)	77.27299 (09110217)		
3874007.0   82.29295 (09110217)	80.49088 (09110217)	78.94547 (09110217)	
77.50224 (09110217)	75.82008 (09110217)		
3873957.0   81.02142 (09110217)	79.21650 (09110217)	77.55230 (09110217)	
75.86587 (09110217)	73.99739 (09110217)		
3873907.0   79.41304 (09110217)	77.58133 (09110217)	75.67247 (09110217)	
73.79046 (09110217)	71.78131 (09110217)		
3873857.0   77.42376 (09110217)	75.39244 (09110217)	73.44581 (09110217)	
71.26502 (09110217)	69.16906 (09110217)		
3873807.0   75.07844 (09110217)	72.95549 (09110217)	70.70596 (09110217)	
68.39251 (09110217)	66.01736 (09110217)		
3873757.0   72.31120 (09110217)	69.94382 (09110217)	67.57092 (09110217)	



65.09080 (09110217)	62.62096 (09110217)		
3873707.0   69.07742 (09110217)	66.53883 (09110217)	64.07156 (09110217)	
61.39066 (09110217)	58.85371 (09110217)		
3873657.0   65.52524 (09110217)	62.83646 (09110217)	60.06421 (09110217)	
57.39122 (09110217)	54.64810 (09110217)		
3873607.0   61.63567 (09110217)	58.83827 (09110217)	55.96171 (09110217)	
53.21408 (09110217)	50.40415 (09110217)		
3873557.0   57.46849 (09110217)	54.58613 (09110217)	51.51912 (09110217)	
48.72357 (09110217)	45.94667 (09110217)		
3873507.0   52.94571 (09110217)	50.07999 (09110217)	47.16735 (09110217)	
44.16003 (09110217)	43.50965 (09030307)		
3873457.0   48.38437 (09110217)	45.55256 (09110217)	44.36974 (09030307)	
43.58909 (09030307)	42.90827 (09030307)		
3873407.0   45.02988 (09030307)	44.32799 (09030307)	44.48936 (13121217)	
44.49337 (13121217)	44.43523 (13121217)		
3873357.0   52.56958 (13121217)	52.32678 (13121217)	52.12223 (13121217)	
51.79135 (13121217)	51.55362 (13121217)		
3873307.0   58.43481 (13121217)	58.04130 (13121217)	57.29982 (13121217)	
56.59835 (13121217)	56.11809 (13121217)		
3873257.0   61.98080 (13121217)	61.33087 (13121217)	60.42363 (13121217)	
58.90432 (13121217)	58.55842 (13121217)		
3873207.0   62.49504 (13121217)	61.37655 (13121217)	60.73042 (13121217)	
60.09724 (13121217)	59.70507 (13121217)		
3873157.0   61.92561 (13121217)	61.49765 (13121217)	61.07610 (13121217)	
60.66094 (13121217)	60.25203 (13121217)		
3873107.0   62.14471 (13121217)	61.71266 (13121217)	61.28711 (13121217)	
60.61495 (13121217)	59.31063 (13121217)		
3873057.0   62.22762 (13121217)	60.97714 (13121217)	60.29641 (13121217)	
59.63027 (13121217)	59.24792 (13121217)		
3873007.0   61.57843 (13121217)	60.45640 (13121217)	60.06342 (13121217)	
59.25918 (13121217)	58.04540 (13121217)		
3872957.0   60.88877 (13121217)	60.49028 (13121217)	58.78968 (13121217)	
58.28499 (13121217)	57.93471 (13121217)		
3872907.0   59.86366 (13121217)	59.03124 (13121217)	58.67264 (13121217)	
58.02122 (13121217)	57.08527 (13121217)		
3872857.0   59.26889 (13121217)	58.59661 (13121217)	57.14766 (13121217)	
56.82773 (13121217)	56.51073 (13121217)		
3872807.0   57.82934 (13121217)	57.50336 (13121217)	56.20389 (13121217)	
55.41711 (13121217)	55.13064 (13121217)		
3872757.0   56.84127 (13121217)	55.85694 (13121217)	55.56995 (13121217)	
55.28482 (13121217)	55.00161 (13121217)		
3872707.0   56.17789 (13121217)	55.88896 (13121217)	55.09456 (13121217)	
53.63796 (13121217)	53.38873 (13121217)		
3872657.0   54.60399 (13121217)	54.34834 (13121217)	53.91927 (13121217)	
53.66892 (13121217)	51.85956 (13121217)		
3872607.0   54.45384 (13121217)	53.10385 (13121217)	52.87446 (13121217)	
52.46683 (13121217)	51.71290 (13121217)		
3872557.0   52.60264 (13121217)	52.38790 (13121217)	52.17295 (13121217)	
51.77701 (13121217)	51.20891 (13121217)		

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: 1003 \*\*\*  
INCLUDING SOURCE(S): 1003 ,

\*\*\* NETWORK ID: BORON ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD			X-COORD (METERS)
(METERS)	440457.60	440507.60	440557.60

440607.60	440657.60
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3874057.0	75.75214 (09110217)	74.21301 (09110217)	72.64870 (09110217)
71.00377 (09110217)	69.23012 (09110217)		
3874007.0	74.22355 (09110217)	72.54430 (09110217)	70.63789 (09110217)
68.80633 (09110217)	66.90002 (09110217)		
3873957.0	72.20583 (09110217)	70.33583 (09110217)	68.24763 (09110217)
66.23548 (09110217)	64.11118 (09110217)		
3873907.0	69.75004 (09110217)	67.64693 (09110217)	65.48003 (09110217)
63.25443 (09110217)	60.93164 (09110217)		
3873857.0	66.85459 (09110217)	64.63358 (09110217)	62.21184 (09110217)
59.89352 (09110217)	57.49427 (09110217)		
3873807.0	63.59368 (09110217)	61.17717 (09110217)	58.67010 (09110217)
56.19076 (09110217)	53.68499 (09110217)		
3873757.0	60.00115 (09110217)	57.46563 (09110217)	54.85704 (09110217)
52.33604 (09110217)	49.80933 (09110217)		
3873707.0	56.12582 (09110217)	53.50149 (09110217)	50.80906 (09110217)
48.18193 (09110217)	45.50211 (09110217)		
3873657.0	52.01586 (09110217)	49.27081 (09110217)	46.64797 (09110217)
43.92397 (09110217)	42.24938 (09030307)		
3873607.0	47.55144 (09110217)	44.88775 (09110217)	42.87808 (09030307)
42.31580 (09030307)	41.74138 (09030307)		
3873557.0	43.49373 (09030307)	42.90372 (09030307)	42.26801 (09030307)
41.72161 (09030307)	41.05759 (09030307)		
3873507.0	42.91608 (09030307)	42.23391 (09030307)	41.60756 (09030307)
40.92833 (09030307)	40.26140 (09030307)		
3873457.0	42.13651 (09030307)	41.49984 (09011407)	41.25675 (09011407)
40.88453 (09011407)	40.64213 (09011407)		
3873407.0	44.40295 (13121217)	44.40134 (13121217)	44.52838 (13121217)

44.54824 (13121217)	44.60490 (13121217)		
3873357.0   51.30840 (13121217)	51.05444 (13121217)	50.97143 (13121217)	
50.82289 (13121217)	50.72842 (13121217)		
3873307.0   55.87245 (13121217)	55.39168 (13121217)	55.15035 (13121217)	
54.90932 (13121217)	54.66739 (13121217)		
3873257.0   58.21575 (13121217)	57.77921 (13121217)	57.25297 (13121217)	
56.92577 (13121217)	56.60233 (13121217)		
3873207.0   59.31831 (13121217)	58.93713 (13121217)	58.56117 (13121217)	
57.55085 (13121217)	56.76077 (13121217)		
3873157.0   59.61356 (13121217)	58.86898 (13121217)	57.89545 (13121217)	
57.53657 (13121217)	57.18248 (13121217)		
3873107.0   58.80140 (13121217)	58.42960 (13121217)	58.06277 (13121217)	
57.70086 (13121217)	57.34378 (13121217)		
3873057.0   58.87068 (13121217)	57.71436 (13121217)	57.36434 (13121217)	
57.01879 (13121217)	56.67756 (13121217)		
3873007.0   57.55574 (13121217)	57.21374 (13121217)	56.87570 (13121217)	
56.54159 (13121217)	56.21160 (13121217)		
3872957.0   57.58849 (13121217)	57.24628 (13121217)	56.90808 (13121217)	
56.57382 (13121217)	56.24355 (13121217)		
3872907.0   56.46310 (13121217)	55.85384 (13121217)	55.54595 (13121217)	
55.24122 (13121217)	54.93938 (13121217)		
3872857.0   55.74283 (13121217)	55.44144 (13121217)	55.14279 (13121217)	
54.26859 (13121217)	53.55484 (13121217)		
3872807.0   54.68900 (13121217)	54.40999 (13121217)	54.13306 (13121217)	
53.85826 (13121217)	53.58563 (13121217)		
3872757.0   53.76187 (13121217)	53.50207 (13121217)	53.24383 (13121217)	
52.98719 (13121217)	52.12974 (13121217)		
3872707.0   52.63879 (13121217)	52.40157 (13121217)	52.16529 (13121217)	
51.93004 (13121217)	51.69588 (13121217)		
3872657.0   51.46830 (13121217)	51.25399 (13121217)	51.04004 (13121217)	
50.82655 (13121217)	50.61359 (13121217)		
3872607.0   50.79880 (13121217)	50.25101 (13121217)	50.05601 (13121217)	
49.86100 (13121217)	49.66608 (13121217)		
3872557.0   49.76328 (13121217)	49.40515 (13121217)	48.87862 (13121217)	
48.70490 (13121217)	48.53079 (13121217)		

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\*\*\* 09/09/20  
\*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*  
\*\*\* 22:25:03

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

VALUES FOR SOURCE GROUP: 1003 \*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION \*\*\*

INCLUDING SOURCE(S): 1003 ,

\*\*\* NETWORK ID: BORON ; NETWORK TYPE:

GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD				X-COORD (METERS)
(METERS)	440707.60		440757.60	440807.60
	440857.60	440907.60		

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3874057.0	67.33807 (09110217)	65.27718 (09110217)	63.24869 (09110217)
61.05743 (09110217)	59.01476 (09110217)		
3874007.0	64.78712 (09110217)	62.65874 (09110217)	60.47432 (09110217)
58.19268 (09110217)	55.86858 (09110217)		
3873957.0	61.88341 (09110217)	59.60884 (09110217)	57.28783 (09110217)
54.88617 (09110217)	52.60099 (09110217)		
3873907.0	58.61480 (09110217)	56.16367 (09110217)	53.78211 (09110217)
51.33092 (09110217)	48.81636 (09110217)		
3873857.0	55.01148 (09110217)	52.55875 (09110217)	49.99356 (09110217)
47.47001 (09110217)	44.95221 (09110217)		
3873807.0	51.21765 (09110217)	48.68830 (09110217)	46.11261 (09110217)
43.59213 (09110217)	41.03483 (09110217)		
3873757.0	47.17680 (09110217)	44.60457 (09110217)	42.04080 (09110217)
41.05396 (09030307)	40.62116 (09030307)		
3873707.0	43.04111 (09110217)	41.73078 (09030307)	41.18805 (09030307)
40.66491 (09030307)	40.07394 (09030307)		
3873657.0	41.77392 (09030307)	41.28415 (09030307)	40.77836 (09030307)
40.14810 (09030307)	39.47384 (09030307)		
3873607.0	41.21721 (09030307)	40.67495 (09030307)	40.08335 (09030307)
39.39071 (09030307)	38.64828 (09030307)		
3873557.0	40.47468 (09030307)	39.86853 (09030307)	39.15141 (09030307)
38.44215 (09030307)	37.68368 (09011407)		
3873507.0	39.66983 (09011407)	39.48728 (09011407)	39.19432 (09011407)
38.89472 (09011407)	38.62948 (09011407)		
3873457.0	40.31457 (09011407)	40.03085 (09011407)	39.70598 (09011407)
39.42578 (09011407)	39.10448 (09011407)		
3873407.0	44.70006 (13121217)	44.64019 (13121217)	44.66312 (13121217)
44.62837 (13121217)	44.58642 (13121217)		
3873357.0	50.51377 (13121217)	50.29048 (13121217)	50.12193 (13121217)
49.95108 (13121217)	49.77697 (13121217)		
3873307.0	54.27379 (13121217)	53.95858 (13121217)	53.56916 (13121217)
53.25931 (13121217)	52.87410 (13121217)		
3873257.0	56.28266 (13121217)	55.69358 (13121217)	55.29481 (13121217)
54.81009 (13121217)	54.33200 (13121217)		
3873207.0	56.42356 (13121217)	56.09067 (13121217)	55.76168 (13121217)
55.43685 (13121217)	55.11584 (13121217)		
3873157.0	56.83312 (13121217)	56.48841 (13121217)	56.14829 (13121217)
55.81264 (13121217)	55.48141 (13121217)		
3873107.0	56.99147 (13121217)	56.64384 (13121217)	56.30086 (13121217)
54.94784 (13121217)	54.63495 (13121217)		
3873057.0	56.34066 (13121217)	56.00776 (13121217)	55.20342 (13121217)

54.88870 (13121217)	54.57769 (13121217)		
3873007.0   55.88527 (13121217)	55.56292 (13121217)	55.12269 (13121217)	
54.56985 (13121217)	53.78445 (13121217)		
3872957.0   54.74394 (13121217)	54.44561 (13121217)	54.02130 (13121217)	
53.73174 (13121217)	53.44520 (13121217)		
3872907.0   54.64069 (13121217)	54.34506 (13121217)	53.26163 (13121217)	
52.98764 (13121217)	52.19564 (13121217)		
3872857.0   53.28455 (13121217)	53.01647 (13121217)	52.75063 (13121217)	
52.48704 (13121217)	51.96121 (13121217)		
3872807.0   53.31519 (13121217)	53.04697 (13121217)	52.50589 (13121217)	
51.28257 (13121217)	50.90666 (13121217)		
3872757.0   51.88804 (13121217)	51.64779 (13121217)	51.40903 (13121217)	
51.17179 (13121217)	50.37152 (13121217)		
3872707.0   51.46289 (13121217)	50.62304 (13121217)	49.94965 (13121217)	
49.73969 (13121217)	49.53061 (13121217)		
3872657.0   50.40125 (13121217)	50.18959 (13121217)	49.97869 (13121217)	
49.76861 (13121217)	49.55941 (13121217)		
3872607.0   49.47134 (13121217)	49.27686 (13121217)	48.45506 (13121217)	
48.27226 (13121217)	48.08969 (13121217)		
3872557.0   48.35638 (13121217)	48.18177 (13121217)	47.68709 (13121217)	
46.72341 (13121217)	46.56711 (13121217)		

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1003  
 INCLUDING SOURCE(S): 1003 ,

\*\*\* NETWORK ID: BORON ; NETWORK TYPE:  
 GRIDCART \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

Y-COORD		X-COORD (METERS)
(METERS)	440957.60	441007.60
	441107.60	441157.60

3874057.0	56.82410 (09110217)	54.69254 (09110217)	52.42764 (09110217)
49.93763 (09110217)	47.47850 (09110217)		
3874007.0	53.79939 (09110217)	51.41567 (09110217)	49.06120 (09110217)
46.55313 (09110217)	44.03745 (09110217)		
3873957.0	50.28819 (09110217)	47.87272 (09110217)	45.44871 (09110217)

42.89241 (09110217)	40.29941 (09110217)		
3873907.0   46.44457 (09110217)	44.05985 (09110217)	41.59455 (09110217)	
39.60854 (09030307)	39.06920 (09030307)		
3873857.0   42.48312 (09110217)	40.23812 (09030307)	39.76970 (09030307)	
39.29461 (09030307)	38.81333 (09030307)		
3873807.0   40.40116 (09030307)	39.90527 (09030307)	39.40134 (09030307)	
38.88788 (09030307)	38.36382 (09030307)		
3873757.0   40.06625 (09030307)	39.47076 (09030307)	38.92171 (09030307)	
38.41670 (09030307)	37.83965 (09030307)		
3873707.0   39.49744 (09030307)	38.90906 (09030307)	38.30440 (09030307)	
37.68433 (09030307)	37.12761 (09030307)		
3873657.0   38.83967 (09030307)	38.18895 (09030307)	37.54798 (09030307)	
36.85839 (09030307)	36.20220 (09030307)		
3873607.0   37.97535 (09030307)	37.25391 (09030307)	36.50956 (09030307)	
35.82692 (09030307)	35.55999 (09011407)		
3873557.0   37.44164 (09011407)	37.25411 (09011407)	37.02447 (09011407)	
36.89176 (09011407)	36.75522 (09011407)		
3873507.0   38.36174 (09011407)	37.96972 (09011407)	37.73830 (09011407)	
37.54715 (09011407)	37.35595 (09011407)		
3873457.0   38.74063 (09011407)	38.37821 (09011407)	38.10256 (13121217)	
38.33985 (13121217)	38.43130 (13121217)		
3873407.0   44.58599 (13121217)	44.47260 (13121217)	44.40099 (13121217)	
44.37342 (13121217)	44.39176 (13121217)		
3873357.0   49.54138 (13121217)	49.23560 (13121217)	48.98949 (13121217)	
48.67714 (13121217)	48.55531 (13121217)		
3873307.0   52.56704 (13121217)	52.10912 (13121217)	51.80800 (13121217)	
51.35405 (13121217)	50.97883 (13121217)		
3873257.0   53.95159 (13121217)	53.66682 (13121217)	53.20681 (13121217)	
52.75329 (13121217)	52.30502 (13121217)		
3873207.0   54.79877 (13121217)	54.48576 (13121217)	53.39224 (13121217)	
52.90145 (13121217)	52.61898 (13121217)		
3873157.0   54.63182 (13121217)	53.78591 (13121217)	53.48872 (13121217)	
53.19482 (13121217)	52.90458 (13121217)		
3873107.0   54.21341 (13121217)	53.91034 (13121217)	53.61078 (13121217)	
53.31478 (13121217)	53.02240 (13121217)		
3873057.0   54.27044 (13121217)	53.28502 (13121217)	52.99845 (13121217)	
52.71507 (13121217)	51.99061 (13121217)		
3873007.0   53.13120 (13121217)	52.85082 (13121217)	52.33745 (13121217)	
51.95068 (13121217)	51.68553 (13121217)		
3872957.0   52.91631 (13121217)	51.77640 (13121217)	51.39603 (13121217)	
51.14410 (13121217)	50.89447 (13121217)		
3872907.0   51.93673 (13121217)	51.68011 (13121217)	51.42577 (13121217)	
50.43070 (13121217)	50.19450 (13121217)		
3872857.0   51.57645 (13121217)	50.54389 (13121217)	50.18064 (13121217)	
49.82320 (13121217)	49.33988 (13121217)		
3872807.0   50.67271 (13121217)	50.44039 (13121217)	49.40364 (13121217)	
48.64733 (13121217)	48.44354 (13121217)		
3872757.0   49.72356 (13121217)	49.08669 (13121217)	48.88064 (13121217)	
48.67563 (13121217)	48.47172 (13121217)		
3872707.0   49.32245 (13121217)	48.68754 (13121217)	48.48884 (13121217)	

47.30768 (13121217)	47.12740 (13121217)		
3872657.0   48.02907 (13121217)	47.69764 (13121217)	47.51626 (13121217)	
47.33535 (13121217)	45.87393 (13121217)		
3872607.0   47.60646 (13121217)	46.83188 (13121217)	46.36844 (13121217)	
45.91294 (13121217)	45.75609 (13121217)		
3872557.0   46.41054 (13121217)	46.25377 (13121217)	46.09687 (13121217)	
45.79226 (13121217)	45.34570 (13121217)		

^ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*  
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\*\*\* MODELOPTs:    RegDEFAULT   CONC   ELEV   FLGPOL   RURAL

\*\*\* THE    1ST HIGHEST   1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1003       \*\*\*  
                                   INCLUDING SOURCE(S):    1003       ,

\*\*\* NETWORK ID: BORON       ;   NETWORK TYPE:  
 GRIDCART \*\*\*

\*\* CONC OF OTHER    IN MICROGRAMS/M\*\*3

Y-COORD			X-COORD (METERS)
(METERS)	441207.60	441257.60	441307.60
441357.60	441407.60		

3874057.0	45.05975 (09110217)	42.68853 (09110217)	40.42560 (09110217)
38.16535 (09110217)	37.48988 (09030307)		
3874007.0	41.52443 (09110217)	39.16903 (09110217)	38.12775 (09030307)
37.74682 (09030307)	37.39339 (09030307)		
3873957.0	38.81428 (09030307)	38.38489 (09030307)	38.01142 (09030307)
37.59932 (09030307)	37.18007 (09030307)		
3873907.0	38.61518 (09030307)	38.15249 (09030307)	37.77252 (09030307)
37.29279 (09030307)	36.85920 (09030307)		
3873857.0	38.32207 (09030307)	37.82041 (09030307)	37.30684 (09030307)
36.86574 (09030307)	36.37811 (09030307)		
3873807.0	37.85428 (09030307)	37.36017 (09030307)	36.79426 (09030307)
36.29171 (09030307)	35.71690 (09030307)		
3873757.0	37.27415 (09030307)	36.71801 (09030307)	36.11612 (09030307)
35.49422 (09030307)	34.87640 (09030307)		
3873707.0	36.49700 (09030307)	35.87087 (09030307)	35.17244 (09030307)
34.52758 (09030307)	33.85602 (09030307)		
3873657.0	35.49697 (09030307)	34.79515 (09030307)	34.04468 (09030307)
33.62117 (09011407)	33.60446 (09011407)		
3873607.0	35.47397 (09011407)	35.35195 (09011407)	35.24741 (09011407)

35.10733 (09011407)	34.98721 (09011407)		
3873557.0   36.54374 (09011407)	36.36442 (09011407)	36.10792 (09011407)	
35.95806 (09011407)	35.69553 (09011407)		
3873507.0   37.08259 (09011407)	36.80938 (09011407)	36.57804 (09011407)	
36.26420 (09011407)	36.07773 (09011407)		
3873457.0   38.46920 (13121217)	38.54065 (13121217)	38.60473 (13121217)	
38.61103 (13121217)	38.74233 (13121217)		
3873407.0   44.24805 (13121217)	44.09353 (13121217)	43.93126 (13121217)	
43.76246 (13121217)	43.69631 (13121217)		
3873357.0   48.23556 (13121217)	47.91125 (13121217)	47.58334 (13121217)	
47.18373 (13121217)	46.91717 (13121217)		
3873307.0   50.52603 (13121217)	50.23520 (13121217)	49.62390 (13121217)	
49.08811 (13121217)	48.72217 (13121217)		
3873257.0   51.86257 (13121217)	51.24364 (13121217)	50.71886 (13121217)	
50.19891 (13121217)	49.87064 (13121217)		
3873207.0   52.33952 (13121217)	51.37190 (13121217)	50.80840 (13121217)	
50.14953 (13121217)	49.60029 (13121217)		
3873157.0   52.61761 (13121217)	51.30611 (13121217)	51.04518 (13121217)	
50.15785 (13121217)	49.48871 (13121217)		
3873107.0   51.78162 (13121217)	51.40660 (13121217)	51.14409 (13121217)	
49.81181 (13121217)	49.35570 (13121217)		
3873057.0   51.72184 (13121217)	50.79370 (13121217)	50.09611 (13121217)	
49.85577 (13121217)	48.83949 (13121217)		
3873007.0   50.61788 (13121217)	50.37293 (13121217)	50.13025 (13121217)	
49.09677 (13121217)	48.41399 (13121217)		
3872957.0   50.64711 (13121217)	50.17020 (13121217)	49.11526 (13121217)	
48.77614 (13121217)	47.35895 (13121217)		
3872907.0   49.47035 (13121217)	49.24668 (13121217)	49.02474 (13121217)	
48.32497 (13121217)	47.38669 (13121217)		
3872857.0   49.12120 (13121217)	48.90405 (13121217)	47.93830 (13121217)	
47.61215 (13121217)	47.41435 (13121217)		
3872807.0   48.24088 (13121217)	48.03937 (13121217)	47.83903 (13121217)	
47.63990 (13121217)	46.30994 (13121217)		
3872757.0   47.46641 (13121217)	47.27837 (13121217)	47.09118 (13121217)	
46.38531 (13121217)	45.42604 (13121217)		
3872707.0   46.94770 (13121217)	46.63294 (13121217)	46.18825 (13121217)	
45.48268 (13121217)	44.92100 (13121217)		
3872657.0   45.71494 (13121217)	45.41593 (13121217)	45.25953 (13121217)	
45.10334 (13121217)	44.67863 (13121217)		
3872607.0   45.59930 (13121217)	45.44263 (13121217)	44.44848 (13121217)	
44.30510 (13121217)	43.61178 (13121217)		
3872557.0   44.17678 (13121217)	44.04232 (13121217)	43.90755 (13121217)	
43.49096 (13121217)	42.94100 (13121217)		

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\*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL



VALUES FOR SOURCE GROUP: 1003 \*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 INCLUDING SOURCE(S): 1003 ,

GRIDCART \*\*\* \*\*\* NETWORK ID: BORON ; NETWORK TYPE:

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3  
 \*\*

Y-COORD | X-COORD (METERS)  
 (METERS) | 441457.60

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 -----  
 3874057.0 | 37.09244 (09030307)  
 3874007.0 | 37.06301 (09030307)  
 3873957.0 | 36.77863 (09030307)  
 3873907.0 | 36.38226 (09030307)  
 3873857.0 | 35.84816 (09030307)  
 3873807.0 | 35.14862 (09030307)  
 3873757.0 | 34.25967 (09030307)  
 3873707.0 | 33.09432 (09030307)  
 3873657.0 | 33.59900 (09011407)  
 3873607.0 | 34.89208 (09011407)  
 3873557.0 | 35.54145 (09011407)  
 3873507.0 | 35.76604 (09011407)  
 3873457.0 | 38.81983 (13121217)  
 3873407.0 | 43.56688 (13121217)  
 3873357.0 | 46.79157 (13121217)  
 3873307.0 | 48.52873 (13121217)  
 3873257.0 | 49.36146 (13121217)  
 3873207.0 | 49.05797 (13121217)  
 3873157.0 | 48.93437 (13121217)  
 3873107.0 | 48.24154 (13121217)  
 3873057.0 | 48.28077 (13121217)  
 3873007.0 | 47.25564 (13121217)  
 3872957.0 | 47.16263 (13121217)  
 3872907.0 | 47.19025 (13121217)  
 3872857.0 | 46.85184 (13121217)  
 3872807.0 | 46.00539 (13121217)  
 3872757.0 | 44.73915 (13121217)  
 3872707.0 | 44.36800 (13121217)  
 3872657.0 | 43.45097 (13121217)  
 3872607.0 | 42.65230 (13121217)  
 3872557.0 | 42.12062 (13121217)

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\*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
VALUES FOR SOURCE GROUP: 1003 \*\*\*

INCLUDING SOURCE(S): 1003 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)
Y-COORD (M)	CONC	(YYMMDDHH)		
439914.00	3872794.00	61.68377	(13121217)	436263.00
3873356.00	356.98553	(13123017)		
435903.00	3873538.00	286.45102	(09012607)	435899.00
3873948.00	224.88017	(13123017)		
442261.30	3871403.00	24.08725	(10012908)	442263.60
3871503.00	24.28919	(10012908)		
442265.80	3871603.00	24.97037	(13010417)	442268.00
3871703.00	26.14469	(13010417)		
442270.30	3871803.00	27.90622	(13010417)	442272.50
3871903.00	29.47236	(13010417)		
442274.70	3872003.00	29.68875	(13010417)	442276.90
3872103.00	30.69626	(09111617)		
442279.20	3872203.00	30.65988	(09111617)	442281.40
3872303.00	31.87829	(13121217)		
442283.60	3872403.00	33.50076	(13121217)	442284.20
3872428.00	33.98137	(13121217)		
442184.30	3872431.00	34.96392	(13121217)	442084.30
3872435.00	35.42013	(13121217)		
441984.40	3872438.00	35.88763	(13121217)	441884.40
3872441.00	36.94891	(13121217)		
441784.50	3872445.00	37.45260	(13121217)	441684.50
3872448.00	38.95985	(13121217)		
441584.60	3872451.00	39.11981	(13121217)	441487.60
3872455.00	40.69891	(13121217)		
441485.00	3872355.00	39.31947	(13121217)	441482.40
3872255.00	39.32968	(13121217)		
441482.30	3872248.00	39.32519	(13121217)	441382.30
3872252.00	40.62338	(13121217)		
441283.60	3872255.00	41.15552	(13121217)	441281.30
3872155.00	40.02985	(09111617)		
441279.00	3872055.00	38.08790	(09111617)	441276.70

3871955.00	36.00243	(12112617)			
441274.30	3871855.00	33.65481	(13010417)		441274.10
3871844.00	33.64514	(13010417)			
441174.10	3871847.00	33.69275	(13010417)		441074.20
3871850.00	32.66517	(13010417)			
440974.20	3871853.00	32.62419	(13010417)		440874.30
3871856.00	33.00006	(10012908)			
440774.30	3871859.00	33.47692	(10012908)		440676.30
3871862.00	34.51407	(10012908)			
440674.00	3871762.00	32.07325	(10012908)		440671.70
3871662.00	32.15272	(10012908)			
440669.30	3871562.00	31.57855	(10012908)		440667.00
3871463.00	29.03034	(10012908)			
440666.80	3871450.00	28.77406	(10012908)		440766.70
3871447.00	28.34869	(10012908)			
440866.70	3871444.00	28.36193	(10012908)		440966.60
3871441.00	27.80647	(10012908)			
441066.60	3871438.00	27.70218	(10012908)		441166.50
3871435.00	27.59684	(10012908)			
441266.50	3871432.00	28.38157	(10012908)		441366.40
3871429.00	29.54438	(10012908)			
441466.40	3871426.00	29.54544	(10012908)		441566.40
3871423.00	29.40218	(10012908)			
441666.30	3871420.00	28.15880	(10012908)		441766.30
3871417.00	28.00394	(10012908)			
441866.20	3871415.00	27.52408	(10012908)		441966.20
3871412.00	25.28011	(10012908)			
442066.10	3871409.00	25.13953	(10012908)		442166.10
3871406.00	24.28905	(10012908)			
440693.20	3872567.00	48.89661	(13121217)		440695.70
3872667.00	50.44586	(13121217)			
440696.30	3872690.00	50.66719	(13121217)		440596.30
3872692.00	51.21495	(13121217)			
440496.30	3872695.00	51.82406	(13121217)		440495.40
3872695.00	51.82810	(13121217)			
440496.80	3872723.00	52.93698	(13121217)		440396.80
3872722.00	53.80205	(13121217)			
440296.80	3872722.00	55.65411	(13121217)		440196.80
3872721.00	56.23151	(13121217)			
440096.80	3872720.00	57.09091	(13121217)		439996.80
3872720.00	59.29296	(13121217)			
439896.80	3872719.00	60.20921	(13121217)		439887.70
3872719.00	60.27289	(13121217)			
439885.90	3872619.00	58.13130	(13121217)		439885.10
3872574.00	58.16592	(13121217)			
439985.10	3872573.00	55.68309	(13121217)		440085.10
3872572.00	53.11766	(13121217)			
440185.10	3872571.00	52.86424	(13121217)		440285.10
3872570.00	52.26181	(13121217)			

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\*\*\* MODELOPTs: RegDFault CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1003  
 INCLUDING SOURCE(S): 1003 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)
Y-COORD (M)	CONC	(YYMMDDHH)		
440385.10	3872570.00	51.83184	(13121217)	440485.10
3872569.00	49.65619	(13121217)		
440585.10	3872568.00	49.29171	(13121217)	440685.10
3872567.00	48.92628	(13121217)		
440685.70	3872275.00	42.19748	(13121217)	440688.30
3872375.00	43.89897	(13121217)		
440690.80	3872475.00	47.27025	(13121217)	440692.00
3872520.00	47.25862	(13121217)		
440592.00	3872522.00	47.56514	(13121217)	440492.00
3872523.00	48.92913	(13121217)		
440392.00	3872525.00	50.02017	(13121217)	440292.00
3872526.00	51.68174	(13121217)		
440192.10	3872528.00	52.20349	(13121217)	440092.10
3872529.00	53.11434	(13121217)		
439992.10	3872531.00	55.43518	(13121217)	439892.10
3872532.00	56.10203	(13121217)		
439884.50	3872532.00	56.14060	(13121217)	439883.00
3872432.00	54.05942	(13121217)		
439881.50	3872332.00	50.18951	(13121217)	439880.80
3872278.00	48.43630	(13121217)		
439980.80	3872278.00	47.59267	(13121217)	440080.80
3872277.00	47.11191	(13121217)		
440180.80	3872277.00	45.66117	(13121217)	440280.80
3872277.00	45.47644	(13121217)		
440380.80	3872276.00	44.53564	(13121217)	440480.80
3872276.00	43.14375	(13121217)		
440580.80	3872275.00	42.35341	(13121217)	440680.80
3872275.00	42.20496	(13121217)		
437456.80	3871498.00	124.15110	(13022207)	437556.80

3871496.00	105.25037	(13022207)			
437656.80	3871495.00	94.61991	(13012117)		437756.80
3871494.00	87.66589	(13012117)			
437856.80	3871492.00	81.51654	(13012117)		437956.80
3871491.00	75.66111	(13012117)			
438056.80	3871490.00	69.57642	(13012117)		438156.80
3871488.00	63.84483	(10012608)			
438256.80	3871487.00	58.41906	(10012608)		438356.80
3871486.00	54.33420	(10031507)			
438456.70	3871484.00	53.32650	(10031507)		438556.70
3871483.00	49.42977	(13111317)			
438656.70	3871482.00	47.62764	(13111317)		438756.70
3871480.00	44.35830	(11121207)			
438856.70	3871479.00	41.44166	(11121207)		438956.70
3871478.00	37.04564	(11121207)			
439056.70	3871476.00	34.65050	(11121207)		439156.70
3871475.00	34.05822	(11121207)			
439256.70	3871474.00	33.05305	(11121207)		439356.70
3871472.00	31.69968	(11121207)			
439456.60	3871471.00	31.56146	(11121207)		439556.60
3871470.00	31.47360	(11121207)			
439656.60	3871468.00	31.81460	(11121207)		439756.60
3871467.00	33.11468	(11121207)			
439856.60	3871466.00	33.26413	(11121207)		439877.70
3871465.00	33.12743	(11121207)			
439879.30	3871565.00	33.23305	(10012908)		439880.80
3871665.00	33.11456	(10012908)			
439882.40	3871765.00	33.64888	(10012908)		439884.00
3871865.00	36.30660	(10012908)			
439885.60	3871965.00	42.27445	(10012908)		439887.10
3872065.00	42.67426	(10012908)			
439888.70	3872165.00	44.55955	(13121217)		439890.30
3872265.00	47.48911	(13121217)			
439891.90	3872365.00	51.87054	(13121217)		439893.40
3872465.00	53.99522	(13121217)			
439895.00	3872565.00	58.09258	(13121217)		439896.60
3872665.00	60.01517	(13121217)			
439898.20	3872765.00	61.82702	(13121217)		439899.80
3872865.00	63.50912	(13121217)			
439901.30	3872965.00	65.10438	(13121217)		439902.90
3873065.00	66.53573	(13121217)			
439903.70	3873112.00	67.80678	(13121217)		439803.70
3873113.00	69.01168	(13121217)			
439703.70	3873114.00	71.08024	(13121217)		439603.70
3873115.00	73.29231	(13121217)			
439503.70	3873116.00	75.64929	(13121217)		439403.70
3873117.00	78.16258	(13121217)			
439303.70	3873118.00	80.71054	(13121217)		439203.70
3873120.00	83.36604	(13121217)			
439103.70	3873121.00	91.32762	(09110217)		439003.70

3873122.00 99.32309 (09110217)  
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 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*  
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1003 \*\*\*  
 INCLUDING SOURCE(S): 1003 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	X-COORD (M)
Y-COORD (M)	CONC (YYMMDDHH)		
438903.70	3873123.00	106.14553 (09110217)	438803.70
3873124.00	112.62243 (09110217)		
438703.70	3873125.00	118.23384 (09110217)	438603.70
3873126.00	122.74819 (09110217)		
438503.80	3873127.00	127.65161 (09110217)	438403.80
3873128.00	132.56786 (13103117)		
438303.80	3873129.00	139.96416 (13103117)	438203.80
3873130.00	145.99546 (13103117)		
438103.80	3873131.00	151.82364 (13103117)	438003.80
3873132.00	161.07006 (13010717)		
437903.80	3873133.00	170.29103 (13010717)	437803.80
3873134.00	178.69025 (13010717)		
437703.80	3873135.00	188.48183 (12111417)	437603.80
3873137.00	214.83885 (12111417)		
437503.80	3873138.00	226.56721 (12111417)	437449.40
3873138.00	228.46205 (12011107)		
437449.80	3873038.00	218.44199 (12111417)	437450.30
3872938.00	195.21731 (12111417)		
437450.80	3872838.00	184.98336 (13010717)	437451.20
3872738.00	173.02917 (09110217)		
437451.70	3872638.00	164.83927 (09110217)	437452.10
3872538.00	161.77051 (09110217)		
437452.60	3872438.00	148.41164 (09110217)	437453.00
3872338.00	141.64639 (09110217)		
437453.50	3872238.00	122.09908 (13111317)	437453.90
3872138.00	125.43613 (10031507)		
437454.40	3872038.00	124.93356 (10012608)	437454.80

3871938.00	125.23336	(13012117)			
437455.30	3871838.00	123.21694	(13012117)		437455.70
3871738.00	120.08416	(13012117)			
437456.20	3871638.00	121.08742	(13022207)		437456.60
3871538.00	124.05537	(13022207)			
435800.90	3871509.00	347.49586	(09010207)		435900.90
3871509.00	352.41174	(09010207)			
436000.90	3871509.00	364.45530	(09010207)		436100.90
3871509.00	364.25117	(09010207)			
436200.90	3871509.00	341.04824	(09010207)		436300.90
3871509.00	299.07409	(09010207)			
436400.90	3871509.00	277.85219	(09010207)		436500.90
3871509.00	253.18276	(09010207)			
436600.90	3871509.00	223.89551	(09010207)		436700.90
3871509.00	192.54574	(09010207)			
436800.90	3871509.00	172.11265	(09103017)		436900.90
3871509.00	162.42658	(09103017)			
437000.90	3871509.00	154.29677	(13120607)		437100.90
3871509.00	146.33631	(13120607)			
437200.90	3871510.00	138.04511	(09010608)		437300.90
3871510.00	135.68280	(09010608)			
437400.90	3871510.00	125.32947	(09010608)		437448.90
3871510.00	124.34531	(13022207)			
437448.90	3871610.00	122.10862	(13022207)		437448.90
3871710.00	120.00151	(13012117)			
437448.90	3871810.00	124.99105	(13012117)		437448.90
3871910.00	125.97770	(13012117)			
437448.90	3872010.00	124.54177	(13012117)		437448.90
3872110.00	125.66924	(10031507)			
437448.90	3872210.00	122.60934	(13111317)		437448.90
3872310.00	137.24447	(09110217)			
437448.90	3872410.00	147.25169	(09110217)		437448.90
3872510.00	161.58903	(09110217)			
437448.90	3872610.00	162.25976	(09110217)		437449.00
3872710.00	173.23624	(09110217)			
437449.00	3872810.00	184.80944	(09110217)		437449.00
3872910.00	189.43192	(12111417)			
437449.00	3873010.00	209.85310	(12111417)		437449.00
3873110.00	227.89568	(12111417)			
437449.00	3873210.00	250.91131	(12011107)		437449.00
3873211.00	250.98704	(12011107)			
437349.00	3873212.00	257.19269	(12011107)		437249.00
3873213.00	251.09639	(12011107)			
437149.00	3873215.00	261.09163	(09111717)		437049.00
3873216.00	292.79485	(11112407)			
436949.00	3873217.00	302.79157	(11112407)		436849.00
3873218.00	302.91672	(11112407)			
436749.10	3873220.00	303.15887	(11112407)		436649.10
3873221.00	363.31611	(09122317)			
436549.10	3873222.00	400.26480	(09122317)		436449.10

3873224.00 393.67239 (13123017)  
 436349.10 3873225.00 391.70045 (13123017) 436249.10  
 3873226.00 395.70732 (12110107)  
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 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*  
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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1003 \*\*\*  
 INCLUDING SOURCE(S): 1003 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)
Y-COORD (M)	CONC	(YYMMDDHH)		
436149.10	3873228.00	390.77865	(09012607)	436049.10
3873229.00	392.19738	(09012607)		
435949.10	3873230.00	385.35739	(09012607)	435849.10
3873232.00	374.66513	(09012607)		
435835.80	3873232.00	374.72585	(09012607)	435833.70
3873132.00	372.04449	(11112117)		
435831.70	3873032.00	380.05728	(11112117)	435829.70
3872932.00	376.61215	(11112117)		
435827.70	3872832.00	376.44937	(13120417)	435825.60
3872732.00	378.04486	(13120417)		
435823.60	3872632.00	384.99956	(13120417)	435821.60
3872532.00	382.45927	(12013117)		
435819.60	3872432.00	376.63399	(12013117)	435817.50
3872332.00	367.80520	(12013117)		
435815.50	3872232.00	354.93259	(12121907)	435813.50
3872132.00	358.35048	(12121907)		
435811.50	3872032.00	353.96911	(09113007)	435809.40
3871932.00	353.11632	(09113007)		
435807.40	3871832.00	350.28571	(09113007)	435805.40
3871732.00	350.52100	(09113007)		
435803.40	3871632.00	350.75598	(09113007)	435801.40
3871532.00	349.35677	(09113007)		
435809.00	3873839.00	239.44233	(13123017)	435714.00
3873870.00	237.77763	(12110107)		
435619.00	3873902.00	234.51771	(09012607)	435524.10



3873933.00	224.15567	(09012607)			
435484.00	3873946.00	222.12933	(09012607)		435384.10
3873949.00	223.23193	(09012607)			
435284.10	3873952.00	215.18657	(09012607)		435184.20
3873956.00	193.89116	(09012607)			
435084.20	3873959.00	193.58005	(11112117)		434984.30
3873962.00	192.81019	(11112117)			
434884.30	3873965.00	187.12126	(11112117)		434784.30
3873968.00	178.03513	(11112117)			
434684.40	3873971.00	167.08880	(11112117)		434626.00
3873973.00	161.66627	(13120417)			
434568.80	3873891.00	160.70091	(13120417)		434511.60
3873809.00	157.51195	(13120417)			
434511.00	3873808.00	157.48116	(13120417)		434416.00
3873777.00	152.21208	(13120417)			
434404.00	3873773.00	151.57194	(13120417)		434346.10
3873855.00	150.54127	(13120417)			
434288.20	3873936.00	148.81176	(13120417)		434279.00
3873949.00	148.52504	(13120417)			
434180.20	3873964.00	143.71879	(13120417)		434081.30
3873980.00	138.11637	(13120417)			
434026.00	3873988.00	135.32157	(13120417)		433926.00
3873987.00	129.73984	(13120417)			
433826.00	3873985.00	125.52701	(12013117)		433726.00
3873984.00	123.19312	(12013117)			
433626.00	3873982.00	120.56688	(12013117)		433526.10
3873981.00	117.52163	(12013117)			
433426.10	3873980.00	114.66166	(12013117)		433326.10
3873978.00	111.20888	(12013117)			
433226.10	3873977.00	107.52581	(12013117)		433126.10
3873975.00	103.26708	(12013117)			
433026.10	3873974.00	99.13834	(12013117)		432967.00
3873973.00	96.53059	(12013117)			
432867.60	3873963.00	94.12623	(13121208)		432770.00
3873952.00	92.69308	(13121208)			
432681.60	3873905.00	94.82641	(12121907)		432679.00
3873904.00	94.88762	(12121907)			
432681.20	3873804.00	94.84049	(12121907)		432683.40
3873704.00	94.42807	(12121907)			
432685.70	3873604.00	94.37461	(12121907)		432687.90
3873504.00	94.52017	(12121907)			
432690.10	3873404.00	95.17074	(12121907)		432691.00
3873364.00	95.17008	(12121907)			
432791.00	3873364.00	96.49910	(12121907)		432891.00
3873364.00	97.85613	(12121907)			
432991.00	3873364.00	99.25113	(12121907)		433091.00
3873364.00	100.69557	(12121907)			
433191.00	3873364.00	102.19494	(12121907)		433291.00
3873364.00	103.75858	(12121907)			
433391.00	3873364.00	105.53452	(12121907)		433491.00

3873364.00 108.27061 (12121907)  
 433591.00 3873364.00 110.64453 (12121907) 433691.00  
 3873364.00 113.01098 (12121907)  
 433791.00 3873364.00 115.84127 (12121907) 433891.00  
 3873365.00 118.63811 (12121907)  
 ^ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*  
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 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*  
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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION  
 VALUES FOR SOURCE GROUP: 1003 \*\*\*  
 INCLUDING SOURCE(S): 1003 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)
Y-COORD (M)	CONC	(YYMMDDHH)		
433991.00	3873365.00	121.18962	(12121907)	434091.00
3873365.00	124.41052	(12013117)		
434191.00	3873365.00	131.38423	(12013117)	434291.00
3873365.00	137.77053	(12013117)		
434391.00	3873365.00	144.80000	(12013117)	434491.00
3873365.00	150.55685	(12013117)		
434591.00	3873365.00	156.61011	(12013117)	434691.00
3873365.00	162.83993	(12013117)		
434791.00	3873365.00	170.95131	(13120417)	434891.00
3873365.00	182.10176	(13120417)		
434991.00	3873365.00	190.72355	(13120417)	435091.00
3873365.00	203.73530	(13120417)		
435191.00	3873365.00	217.24898	(13120417)	435291.00
3873365.00	228.66465	(13120417)		
435391.00	3873365.00	244.88238	(11112117)	435491.00
3873365.00	269.08036	(11112117)		
435591.00	3873365.00	297.58472	(11112117)	435691.00
3873365.00	318.87859	(11112117)		
435791.00	3873365.00	334.90589	(09012607)	435836.00
3873365.00	336.55887	(09012607)		
435830.30	3873465.00	307.18390	(09012607)	435824.60
3873565.00	285.18392	(09012607)		
435818.90	3873665.00	264.66564	(09012607)	435813.30

3873764.00	248.42637	(12110107)			
433343.00	3874839.00	116.93743	(13120417)		433243.10
3874835.00	117.07788	(13120417)			
433143.20	3874831.00	116.15181	(13120417)		433043.30
3874827.00	114.19727	(13120417)			
432943.30	3874823.00	111.77173	(13120417)		432843.40
3874819.00	108.68136	(13120417)			
432809.00	3874817.00	107.59081	(13120417)		432808.50
3874717.00	104.73781	(13120417)			
432807.90	3874617.00	101.20156	(12013117)		432807.40
3874517.00	102.98511	(12013117)			
432807.00	3874449.00	103.28330	(12013117)		432707.00
3874448.00	101.69015	(12013117)			
432675.00	3874448.00	101.07027	(12013117)		432675.30
3874348.00	99.52366	(12013117)			
432675.70	3874248.00	97.20789	(12013117)		432676.00
3874164.00	94.89101	(12013117)			
432754.00	3874129.00	96.09908	(12013117)		432853.50
3874119.00	98.52450	(12013117)			
432953.00	3874109.00	101.31038	(12013117)		432999.00
3874104.00	102.70527	(12013117)			
433099.00	3874105.00	106.02326	(12013117)		433199.00
3874105.00	109.48183	(12013117)			
433299.00	3874106.00	112.61959	(12013117)		433399.00
3874106.00	115.03369	(12013117)			
433499.00	3874107.00	117.47376	(12013117)		433599.00
3874107.00	119.97548	(12013117)			
433699.00	3874108.00	122.86740	(13120417)		433799.00
3874108.00	128.07596	(13120417)			
433899.00	3874109.00	132.53174	(13120417)		433999.00
3874109.00	136.83485	(13120417)			
434099.00	3874110.00	140.97367	(13120417)		434169.00
3874110.00	143.76279	(13120417)			
434176.00	3874210.00	143.24110	(13120417)		434183.00
3874310.00	139.34334	(13120417)			
434190.00	3874409.00	143.48320	(11112117)		434197.00
3874509.00	147.29424	(11112117)			
434204.00	3874609.00	148.27281	(11112117)		434211.00
3874709.00	143.90979	(11112117)			
434217.90	3874808.00	135.38577	(11112117)		434218.00
3874809.00	135.28834	(11112117)			
434118.10	3874813.00	138.71516	(11112117)		434018.10
3874816.00	139.48085	(11112117)			
433918.20	3874819.00	137.58983	(11112117)		433818.20
3874823.00	133.12485	(11112117)			
433718.30	3874826.00	127.53332	(11112117)		433618.30
3874830.00	120.68318	(11112117)			
433518.40	3874833.00	114.14228	(13120417)		433418.50
3874837.00	115.99526	(13120417)			

▲ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*\*

\*\*\* AERMET - VERSION 14134 \*\*\* 09/09/20  
 \*\*\* \*\* 22:25:03

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE SUMMARY OF MAXIMUM PERIOD ( 43872 HRS) RESULTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

GROUP ID	NETWORK	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV,
ZHILL, ZFLAG)	OF TYPE GRID-ID		
1001A	1ST HIGHEST VALUE IS	8.62791 AT (	441733.00, 3871761.00, 768.00,
768.00,	1.20) GC COURSE		
	2ND HIGHEST VALUE IS	8.35200 AT (	441733.00, 3872261.00, 763.20,
763.20,	1.20) GC COURSE		
	3RD HIGHEST VALUE IS	8.03260 AT (	441233.00, 3871761.00, 767.80,
767.80,	1.20) GC COURSE		
	4TH HIGHEST VALUE IS	7.38710 AT (	441274.10, 3871844.00, 766.01,
766.01,	1.20) DC		
	5TH HIGHEST VALUE IS	7.18838 AT (	442233.00, 3872261.00, 767.80,
767.80,	1.20) GC COURSE		
	6TH HIGHEST VALUE IS	7.07129 AT (	442233.00, 3871761.00, 771.00,
771.00,	1.20) GC COURSE		
	7TH HIGHEST VALUE IS	7.00981 AT (	441274.30, 3871855.00, 766.00,
766.00,	1.20) DC		
	8TH HIGHEST VALUE IS	6.95578 AT (	441482.30, 3872248.00, 762.00,
762.00,	1.20) DC		
	9TH HIGHEST VALUE IS	6.71451 AT (	441482.40, 3872255.00, 762.00,
762.00,	1.20) DC		
	10TH HIGHEST VALUE IS	6.61474 AT (	441174.10, 3871847.00, 766.00,
766.00,	1.20) DC		
1001B	1ST HIGHEST VALUE IS	61.92103 AT (	440407.60, 3872657.00, 755.90,
755.90,	1.20) GC BORON		
	2ND HIGHEST VALUE IS	61.14970 AT (	440457.60, 3872657.00, 756.00,
756.00,	1.20) GC BORON		
	3RD HIGHEST VALUE IS	59.78098 AT (	440507.60, 3872657.00, 756.00,
756.00,	1.20) GC BORON		
	4TH HIGHEST VALUE IS	58.93909 AT (	440307.60, 3872657.00, 755.00,
755.00,	1.20) GC BORON		

755.00,	5TH HIGHEST VALUE IS	58.88662 AT (	440357.60,	3872657.00,	755.00,
754.90,	1.20) GC BORON	58.47488 AT (	440257.60,	3872657.00,	754.90,
756.00,	6TH HIGHEST VALUE IS	58.23494 AT (	440557.60,	3872657.00,	756.00,
754.90,	1.20) GC BORON	58.18911 AT (	440207.60,	3872657.00,	754.90,
754.90,	7TH HIGHEST VALUE IS	57.74460 AT (	440157.60,	3872657.00,	754.90,
754.90,	1.20) GC BORON	57.06334 AT (	440107.60,	3872657.00,	754.90,
754.90,	8TH HIGHEST VALUE IS				
	1.20) GC BORON				
	9TH HIGHEST VALUE IS				
	1.20) GC BORON				
	10TH HIGHEST VALUE IS				
	1.20) GC BORON				
1001C	1ST HIGHEST VALUE IS	32.21253 AT (	440492.00,	3872523.00,	757.41,
757.41,	1.20) DC	32.19646 AT (	440392.00,	3872525.00,	757.00,
756.31,	2ND HIGHEST VALUE IS	31.85200 AT (	440292.00,	3872526.00,	756.31,
756.25,	1.20) DC	31.18449 AT (	440192.10,	3872528.00,	756.25,
758.00,	3RD HIGHEST VALUE IS	30.96155 AT (	440592.00,	3872522.00,	758.00,
756.00,	1.20) DC	30.02433 AT (	440092.10,	3872529.00,	756.00,
755.08,	4TH HIGHEST VALUE IS	26.50650 AT (	439992.10,	3872531.00,	755.08,
760.00,	1.20) DC	24.40738 AT (	440688.30,	3872375.00,	760.00,
758.01,	5TH HIGHEST VALUE IS	23.96604 AT (	440690.80,	3872475.00,	758.01,
756.00,	1.20) DC	21.15981 AT (	440257.60,	3872557.00,	756.00,
	6TH HIGHEST VALUE IS				
	1.20) DC				
	7TH HIGHEST VALUE IS				
	1.20) DC				
	8TH HIGHEST VALUE IS				
	1.20) DC				
	9TH HIGHEST VALUE IS				
	1.20) DC				
	10TH HIGHEST VALUE IS				
	1.20) GC BORON				
1002	1ST HIGHEST VALUE IS	4.00046 AT (	438233.00,	3872261.00,	752.00,
751.70,	1.20) GC COURSE	3.67957 AT (	439733.00,	3872761.00,	751.70,
753.00,	2ND HIGHEST VALUE IS	3.62433 AT (	438733.00,	3872261.00,	753.00,
748.00,	1.20) GC COURSE	3.60768 AT (	439233.00,	3872761.00,	748.00,
747.00,	3RD HIGHEST VALUE IS	3.55201 AT (	438733.00,	3872761.00,	747.00,
747.50,	1.20) GC COURSE	3.50711 AT (	438233.00,	3872761.00,	747.50,
750.00,	4TH HIGHEST VALUE IS	3.34771 AT (	437733.00,	3872261.00,	750.00,
752.00,	1.20) GC COURSE	3.34749 AT (	437733.00,	3871761.00,	752.00,
	5TH HIGHEST VALUE IS				
	1.20) GC COURSE				
	6TH HIGHEST VALUE IS				
	1.20) GC COURSE				
	7TH HIGHEST VALUE IS				
	1.20) GC COURSE				
	8TH HIGHEST VALUE IS				
	1.20) GC COURSE				

9TH HIGHEST VALUE IS 3.02089 AT ( 437733.00, 3872761.00, 746.00,  
 746.00, 1.20) GC COURSE  
 10TH HIGHEST VALUE IS 2.99489 AT ( 439233.00, 3872261.00, 755.10,  
 755.10, 1.20) GC COURSE  
 \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*\*  
 \*\*\* 09/09/20  
 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*  
 \*\*\* 22:25:03

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE SUMMARY OF MAXIMUM PERIOD ( 43872  
 HRS) RESULTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

GROUP ID	NETWORK	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV,
ZHILL, ZFLAG)	OF TYPE GRID-ID		
1005	1ST HIGHEST VALUE IS	11.34080 AT ( 433733.00, 3874761.00, 718.70,	
	718.70, 1.20) GC COURSE		
	2ND HIGHEST VALUE IS	11.01606 AT ( 433233.00, 3874761.00, 717.70,	
	717.70, 1.20) GC COURSE		
	3RD HIGHEST VALUE IS	10.31672 AT ( 433733.00, 3874261.00, 717.50,	
	717.50, 1.20) GC COURSE		
	4TH HIGHEST VALUE IS	9.63542 AT ( 433233.00, 3874261.00, 715.70,	
	715.70, 1.20) GC COURSE		
	5TH HIGHEST VALUE IS	9.30808 AT ( 433718.30, 3874826.00, 719.01,	
	719.01, 1.20) DC		
	6TH HIGHEST VALUE IS	9.27473 AT ( 433918.20, 3874819.00, 719.33,	
	719.33, 1.20) DC		
	7TH HIGHEST VALUE IS	9.24867 AT ( 433518.40, 3874833.00, 718.63,	
	718.63, 1.20) DC		
	8TH HIGHEST VALUE IS	9.23439 AT ( 433618.30, 3874830.00, 718.81,	
	718.81, 1.20) DC		
	9TH HIGHEST VALUE IS	9.21577 AT ( 433818.20, 3874823.00, 719.04,	
	719.04, 1.20) DC		
	10TH HIGHEST VALUE IS	9.10148 AT ( 433418.50, 3874837.00, 718.33,	
	718.33, 1.20) DC		
1004	1ST HIGHEST VALUE IS	5.95425 AT ( 435233.00, 3873761.00, 724.30,	
	724.30, 1.20) GC COURSE		
	2ND HIGHEST VALUE IS	5.71723 AT ( 434733.00, 3873761.00, 720.80,	

720.80,	1.20) GC COURSE	5.63292 AT (	435733.00,	3873761.00,	727.90,
727.90,	1.20) GC COURSE	5.60611 AT (	433733.00,	3873761.00,	716.00,
716.00,	1.20) GC COURSE	5.59769 AT (	434233.00,	3873761.00,	718.40,
718.40,	1.20) GC COURSE	5.38119 AT (	433233.00,	3873761.00,	714.40,
714.40,	1.20) GC COURSE	5.23943 AT (	434404.00,	3873773.00,	719.02,
719.02,	1.20) DC	5.12889 AT (	434416.00,	3873777.00,	719.02,
719.02,	1.20) DC	4.95725 AT (	435619.00,	3873902.00,	728.12,
728.12,	1.20) DC	4.85332 AT (	434511.00,	3873808.00,	719.33,
719.33,	1.20) DC				
1003	1ST HIGHEST VALUE IS	5.38368 AT (	436233.00,	3872761.00,	736.00,
736.00,	1.20) GC COURSE	5.06294 AT (	436500.40,	3873157.00,	736.00,
736.00,	1.20) GC DESERTL	5.04326 AT (	436450.40,	3873157.00,	736.00,
736.00,	1.20) GC DESERTL	4.71995 AT (	436400.40,	3873157.00,	735.10,
735.10,	1.20) GC DESERTL	4.71488 AT (	436550.40,	3873157.00,	736.40,
736.40,	1.20) GC DESERTL	4.69785 AT (	436500.40,	3873207.00,	735.90,
735.90,	1.20) GC DESERTL	4.66149 AT (	436350.40,	3873157.00,	735.00,
735.00,	1.20) GC DESERTL	4.63722 AT (	436550.40,	3873207.00,	736.00,
736.00,	1.20) GC DESERTL	4.63031 AT (	436233.00,	3872261.00,	737.20,
737.20,	1.20) GC COURSE	4.50844 AT (	436300.40,	3873157.00,	734.00,
734.00,	1.20) GC DESERTL				

\*\*\* RECEPTOR TYPES: GC = GRIDCART  
 GP = GRIDPOLR  
 DC = DISCCART  
 DP = DISCPOLR

▲ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*\*  
 \*\*\* 09/09/20  
 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*\*  
 \*\*\* 22:25:03

\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL

\*\*\* THE SUMMARY OF HIGHEST 1-HR

RESULTS \*\*\*

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

GROUP ID (XR, YR, ZELEV, ZHILL, ZFLAG)	NETWORK AVERAGE CONC OF TYPE GRID-ID	DATE (YYMMDDHH)	RECEPTOR
1001A HIGH 1ST HIGH VALUE IS 3871463.00, 770.43, 770.43, 1.20)	679.53352 DC	ON 09113007: AT (	440667.00,
1001B HIGH 1ST HIGH VALUE IS 3872665.00, 753.00, 753.00, 1.20)	4234.97165 DC	ON 13121007: AT (	439896.60,
1001C HIGH 1ST HIGH VALUE IS 3872278.00, 758.58, 758.58, 1.20)	2721.79807 DC	ON 09113007: AT (	439880.80,
1002 HIGH 1ST HIGH VALUE IS 3871738.00, 750.00, 750.00, 1.20)	300.76431 DC	ON 09113007: AT (	437455.70,
1005 HIGH 1ST HIGH VALUE IS 3874817.00, 716.90, 716.90, 1.20)	879.57676 DC	ON 12013117: AT (	432809.00,
1004 HIGH 1ST HIGH VALUE IS 3873704.00, 712.91, 712.91, 1.20)	576.11045 DC	ON 13121007: AT (	432683.40,
1003 HIGH 1ST HIGH VALUE IS 3873207.00, 735.90, 735.90, 1.20)	413.04732 GC	ON 13123017: AT (	436500.40,

\*\*\* RECEPTOR TYPES: GC = GRIDCART  
 GP = GRIDPOLR  
 DC = DISCCART  
 DP = DISCPOLR

▲ \*\*\* AERMOD - VERSION 19191 \*\*\* \*\*  
 \*\*\* 09/09/20  
 \*\*\* AERMET - VERSION 14134 \*\*\* \*\*  
 \*\*\* 22:25:03

\*\*\* MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL



\*\*\* Message Summary : AERMOD Model Execution \*\*\*

----- Summary of Total Messages -----

A Total of                   0 Fatal Error Message(s)  
A Total of                   2 Warning Message(s)  
A Total of                 16969 Informational Message(s)  
  
A Total of                   43872 Hours Were Processed  
  
A Total of                   10164 Calm Hours Identified  
  
A Total of                   6805 Missing Hours Identified ( 15.51 Percent)

CAUTION!: Number of Missing Hours Exceeds 10 Percent of Total!  
Data May Not Be Acceptable for Regulatory Applications.  
See Section 5.3.2 of "Meteorological Monitoring Guidance  
for Regulatory Modeling Applications" (EPA-454/R-99-005).

\*\*\*\*\* FATAL ERROR MESSAGES \*\*\*\*\*  
          \*\*\* NONE \*\*\*

\*\*\*\*\* WARNING MESSAGES \*\*\*\*\*  
CO W200           5           TITLES: Missing Parameter(s). No Options Specified For  
TITLEONE  
CO W200           6           TITLES: Missing Parameter(s). No Options Specified For  
TITLETWO

\*\*\*\*\*  
\*\*\* AERMOD Finishes Successfully \*\*\*  
\*\*\*\*\*

## *GLC Period Files*

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Project Site 1

\* AERMOD ( 19191): HARP GENERATED FILE  
 09/10/20  
 \* AERMET ( 14134):  
 15:50:58  
 \* MODELING OPTIONS USED: RegDFAULT CONC ELEV FLGPOL RURAL  
 \* PLOT FILE OF PERIOD VALUES FOR SOURCE GROUP: ALL  
 \* FOR A TOTAL OF 2030 RECEPTORS.  
 \* FORMAT: (3(1X,F13.5),3(1X,F8.2),2X,A6,2X,A8,2X,I8.8,2X,A8)

* X	Y	AVERAGE CONC	ZELEV	ZHILL	ZFLAG	AVE	GRP
NUM HRS	NET ID						
430733.00000	3864761.00000	2.7299900e-05	724.10	724.10	1.20	PERIOD	
CARTGRID 00043872	COURSE						
431233.00000	3864761.00000	2.7317200e-05	725.10	725.10	1.20	PERIOD	
CARTGRID 00043872	COURSE						
431733.00000	3864761.00000	2.8419290e-05	732.00	732.00	1.20	PERIOD	
CARTGRID 00043872	COURSE						
432233.00000	3864761.00000	2.9753760e-05	744.10	744.10	1.20	PERIOD	
CARTGRID 00043872	COURSE						
432733.00000	3864761.00000	2.9877420e-05	754.30	754.30	1.20	PERIOD	
CARTGRID 00043872	COURSE						
433233.00000	3864761.00000	2.8950350e-05	767.80	767.80	1.20	PERIOD	
CARTGRID 00043872	COURSE						
433733.00000	3864761.00000	2.3999030e-05	789.90	789.90	1.20	PERIOD	
CARTGRID 00043872	COURSE						
434233.00000	3864761.00000	2.0773320e-05	818.20	922.00	1.20	PERIOD	
CARTGRID 00043872	COURSE						
434733.00000	3864761.00000	1.7644600e-05	856.60	922.00	1.20	PERIOD	
CARTGRID 00043872	COURSE						
435233.00000	3864761.00000	1.4169150e-05	901.00	909.00	1.20	PERIOD	
CARTGRID 00043872	COURSE						
435733.00000	3864761.00000	1.4588810e-05	903.00	903.00	1.20	PERIOD	
CARTGRID 00043872	COURSE						
436233.00000	3864761.00000	1.5792100e-05	898.00	898.00	1.20	PERIOD	
CARTGRID 00043872	COURSE						
436733.00000	3864761.00000	1.6260170e-05	910.30	910.30	1.20	PERIOD	
CARTGRID 00043872	COURSE						
437233.00000	3864761.00000	1.6114300e-05	893.80	893.80	1.20	PERIOD	
CARTGRID 00043872	COURSE						
437733.00000	3864761.00000	1.5004670e-05	893.80	893.80	1.20	PERIOD	
CARTGRID 00043872	COURSE						
438233.00000	3864761.00000	1.4906970e-05	902.00	902.00	1.20	PERIOD	
CARTGRID 00043872	COURSE						
438733.00000	3864761.00000	1.5223600e-05	917.70	917.70	1.20	PERIOD	
CARTGRID 00043872	COURSE						
439233.00000	3864761.00000	1.4764500e-05	925.70	925.70	1.20	PERIOD	
CARTGRID 00043872	COURSE						

439733.00000	3864761.00000	1.5086940e-05	939.40	939.40	1.20	PERIOD
CARTGRID 00043872 COURSE						
440233.00000	3864761.00000	1.6707450e-05	942.10	942.10	1.20	PERIOD
CARTGRID 00043872 COURSE						
440733.00000	3864761.00000	1.8783910e-05	909.90	932.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
441233.00000	3864761.00000	1.8141870e-05	891.60	891.60	1.20	PERIOD
CARTGRID 00043872 COURSE						
441733.00000	3864761.00000	1.8514840e-05	876.00	876.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
442233.00000	3864761.00000	2.0824470e-05	865.20	865.20	1.20	PERIOD
CARTGRID 00043872 COURSE						
442733.00000	3864761.00000	2.0945920e-05	859.10	859.10	1.20	PERIOD
CARTGRID 00043872 COURSE						
443233.00000	3864761.00000	1.8330070e-05	853.90	853.90	1.20	PERIOD
CARTGRID 00043872 COURSE						
443733.00000	3864761.00000	1.5288800e-05	852.10	852.10	1.20	PERIOD
CARTGRID 00043872 COURSE						
444233.00000	3864761.00000	1.4844590e-05	852.00	852.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
444733.00000	3864761.00000	1.2033660e-05	859.20	859.20	1.20	PERIOD
CARTGRID 00043872 COURSE						
445233.00000	3864761.00000	1.0283430e-05	874.90	874.90	1.20	PERIOD
CARTGRID 00043872 COURSE						
445733.00000	3864761.00000	9.4029030e-06	893.00	893.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
430733.00000	3865261.00000	3.2742980e-05	741.80	774.80	1.20	PERIOD
CARTGRID 00043872 COURSE						
431233.00000	3865261.00000	3.0994860e-05	731.00	731.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
431733.00000	3865261.00000	3.0150240e-05	727.80	727.80	1.20	PERIOD
CARTGRID 00043872 COURSE						
432233.00000	3865261.00000	3.1152860e-05	736.90	736.90	1.20	PERIOD
CARTGRID 00043872 COURSE						
432733.00000	3865261.00000	3.2692070e-05	744.60	744.60	1.20	PERIOD
CARTGRID 00043872 COURSE						
433233.00000	3865261.00000	3.3673550e-05	761.30	761.30	1.20	PERIOD
CARTGRID 00043872 COURSE						
433733.00000	3865261.00000	3.1967600e-05	781.90	933.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
434233.00000	3865261.00000	2.3784550e-05	808.20	961.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
434733.00000	3865261.00000	1.7741590e-05	875.20	933.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
435233.00000	3865261.00000	1.5425080e-05	916.70	916.70	1.20	PERIOD
CARTGRID 00043872 COURSE						
435733.00000	3865261.00000	1.4573200e-05	931.40	941.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
436233.00000	3865261.00000	1.5410250e-05	917.90	917.90	1.20	PERIOD
CARTGRID 00043872 COURSE						

436733.00000	3865261.00000	1.6902560e-05	910.80	946.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
437233.00000	3865261.00000	1.7519340e-05	904.50	904.50	1.20	PERIOD
CARTGRID 00043872 COURSE						
437733.00000	3865261.00000	1.6203080e-05	907.50	907.50	1.20	PERIOD
CARTGRID 00043872 COURSE						
438233.00000	3865261.00000	1.5773230e-05	909.80	909.80	1.20	PERIOD
CARTGRID 00043872 COURSE						
438733.00000	3865261.00000	1.6258290e-05	918.10	918.10	1.20	PERIOD
CARTGRID 00043872 COURSE						
439233.00000	3865261.00000	1.5965900e-05	930.40	930.40	1.20	PERIOD
CARTGRID 00043872 COURSE						
439733.00000	3865261.00000	1.5918760e-05	938.70	938.70	1.20	PERIOD
CARTGRID 00043872 COURSE						
440233.00000	3865261.00000	1.8432170e-05	926.30	926.30	1.20	PERIOD
CARTGRID 00043872 COURSE						
440733.00000	3865261.00000	2.1107960e-05	897.20	915.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
441233.00000	3865261.00000	2.1022060e-05	879.00	879.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
441733.00000	3865261.00000	2.1528010e-05	865.90	865.90	1.20	PERIOD
CARTGRID 00043872 COURSE						
442233.00000	3865261.00000	2.4973370e-05	855.60	855.60	1.20	PERIOD
CARTGRID 00043872 COURSE						
442733.00000	3865261.00000	2.4336820e-05	851.50	851.50	1.20	PERIOD
CARTGRID 00043872 COURSE						
443233.00000	3865261.00000	2.0180810e-05	848.00	848.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
443733.00000	3865261.00000	1.7469180e-05	846.90	846.90	1.20	PERIOD
CARTGRID 00043872 COURSE						
444233.00000	3865261.00000	1.6552880e-05	846.70	846.70	1.20	PERIOD
CARTGRID 00043872 COURSE						
444733.00000	3865261.00000	1.2718820e-05	855.10	855.10	1.20	PERIOD
CARTGRID 00043872 COURSE						
445233.00000	3865261.00000	1.2183700e-05	865.90	865.90	1.20	PERIOD
CARTGRID 00043872 COURSE						
445733.00000	3865261.00000	1.0625150e-05	879.40	910.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
430733.00000	3865761.00000	3.7501490e-05	762.60	766.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
431233.00000	3865761.00000	3.7119430e-05	743.50	743.50	1.20	PERIOD
CARTGRID 00043872 COURSE						
431733.00000	3865761.00000	3.5508710e-05	734.00	734.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
432233.00000	3865761.00000	3.3979090e-05	730.30	730.30	1.20	PERIOD
CARTGRID 00043872 COURSE						
432733.00000	3865761.00000	3.4309680e-05	737.00	737.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
433233.00000	3865761.00000	3.6405410e-05	751.40	751.40	1.20	PERIOD
CARTGRID 00043872 COURSE						

433733.00000	3865761.00000	3.7884770e-05	769.30	941.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
434233.00000	3865761.00000	3.4797870e-05	794.00	961.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
434733.00000	3865761.00000	2.2545290e-05	832.00	961.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
435233.00000	3865761.00000	1.8126440e-05	901.90	961.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
435733.00000	3865761.00000	1.6029190e-05	951.10	961.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
436233.00000	3865761.00000	1.5840770e-05	939.10	971.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
436733.00000	3865761.00000	1.6778360e-05	930.10	957.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
437233.00000	3865761.00000	1.8414160e-05	919.30	926.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
437733.00000	3865761.00000	1.7694250e-05	930.90	964.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
438233.00000	3865761.00000	1.7065290e-05	922.70	964.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
438733.00000	3865761.00000	1.7297430e-05	924.30	945.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
439233.00000	3865761.00000	1.8454880e-05	904.40	904.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
439733.00000	3865761.00000	1.8072830e-05	912.00	930.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
440233.00000	3865761.00000	2.1257310e-05	895.70	928.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
440733.00000	3865761.00000	2.4648780e-05	877.90	916.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
441233.00000	3865761.00000	2.5713060e-05	863.20	863.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
441733.00000	3865761.00000	2.6252500e-05	853.70	853.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
442233.00000	3865761.00000	3.0603990e-05	846.00	846.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
442733.00000	3865761.00000	3.0285680e-05	840.90	840.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
443233.00000	3865761.00000	2.2335450e-05	842.00	842.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
443733.00000	3865761.00000	2.0714790e-05	841.00	841.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
444233.00000	3865761.00000	1.7084750e-05	843.00	843.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
444733.00000	3865761.00000	1.4134170e-05	852.80	852.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
445233.00000	3865761.00000	1.3580900e-05	864.80	864.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
445733.00000	3865761.00000	1.0894530e-05	885.80	885.80	1.20	PERIOD
CARTGRID	00043872	COURSE				

430733.00000	3866261.00000	3.7376060e-05	765.50	765.50	1.20	PERIOD
CARTGRID 00043872 COURSE						
431233.00000	3866261.00000	3.9661030e-05	749.40	749.40	1.20	PERIOD
CARTGRID 00043872 COURSE						
431733.00000	3866261.00000	4.0848270e-05	737.20	737.20	1.20	PERIOD
CARTGRID 00043872 COURSE						
432233.00000	3866261.00000	4.0222370e-05	729.00	729.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
432733.00000	3866261.00000	3.9015510e-05	732.00	732.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
433233.00000	3866261.00000	3.8860820e-05	741.90	741.90	1.20	PERIOD
CARTGRID 00043872 COURSE						
433733.00000	3866261.00000	4.0952610e-05	758.60	961.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
434233.00000	3866261.00000	4.2894250e-05	774.50	961.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
434733.00000	3866261.00000	3.7744500e-05	801.90	971.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
435233.00000	3866261.00000	2.5943270e-05	827.60	971.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
435733.00000	3866261.00000	2.1835100e-05	866.90	971.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
436233.00000	3866261.00000	1.7479570e-05	960.40	960.40	1.20	PERIOD
CARTGRID 00043872 COURSE						
436733.00000	3866261.00000	1.7511270e-05	938.00	972.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
437233.00000	3866261.00000	1.8838610e-05	933.50	1001.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
437733.00000	3866261.00000	1.9788610e-05	931.30	996.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
438233.00000	3866261.00000	1.9777970e-05	901.80	1034.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
438733.00000	3866261.00000	2.0285380e-05	887.20	1034.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
439233.00000	3866261.00000	2.1663570e-05	879.00	879.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
439733.00000	3866261.00000	2.1834800e-05	880.30	928.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
440233.00000	3866261.00000	2.5417150e-05	868.20	927.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
440733.00000	3866261.00000	3.1159240e-05	855.50	855.50	1.20	PERIOD
CARTGRID 00043872 COURSE						
441233.00000	3866261.00000	3.3493270e-05	846.10	846.10	1.20	PERIOD
CARTGRID 00043872 COURSE						
441733.00000	3866261.00000	3.4916560e-05	838.00	838.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
442233.00000	3866261.00000	4.0040130e-05	834.00	834.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
442733.00000	3866261.00000	3.6388050e-05	832.60	832.60	1.20	PERIOD
CARTGRID 00043872 COURSE						

443233.00000	3866261.00000	2.6666450e-05	833.20	833.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
443733.00000	3866261.00000	2.4079160e-05	834.00	834.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
444233.00000	3866261.00000	1.7807640e-05	840.00	840.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
444733.00000	3866261.00000	1.6657570e-05	851.10	851.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
445233.00000	3866261.00000	1.4198450e-05	865.10	865.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
445733.00000	3866261.00000	1.3230730e-05	867.10	867.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
430733.00000	3866761.00000	3.7016480e-05	748.20	748.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
431233.00000	3866761.00000	3.8766570e-05	740.30	740.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
431733.00000	3866761.00000	4.1639330e-05	739.90	750.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
432233.00000	3866761.00000	4.3728860e-05	727.60	727.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
432733.00000	3866761.00000	4.5210380e-05	724.00	724.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
433233.00000	3866761.00000	4.5299470e-05	732.40	732.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
433733.00000	3866761.00000	4.4873540e-05	744.40	941.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
434233.00000	3866761.00000	4.6414330e-05	762.60	961.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
434733.00000	3866761.00000	5.0222010e-05	781.70	971.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
435233.00000	3866761.00000	4.2359520e-05	804.60	971.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
435733.00000	3866761.00000	2.8419180e-05	831.30	1026.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
436233.00000	3866761.00000	2.3779240e-05	871.60	1026.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
436733.00000	3866761.00000	2.0074060e-05	926.00	1026.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
437233.00000	3866761.00000	1.8874200e-05	990.00	1001.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
437733.00000	3866761.00000	2.1440040e-05	925.00	1034.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
438233.00000	3866761.00000	2.3018870e-05	890.10	1034.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
438733.00000	3866761.00000	2.4671820e-05	867.90	1034.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
439233.00000	3866761.00000	2.6052660e-05	858.50	1034.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
439733.00000	3866761.00000	2.8134980e-05	851.80	851.80	1.20	PERIOD
CARTGRID	00043872	COURSE				



440233.00000	3866761.00000	3.3166140e-05	842.40	842.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
440733.00000	3866761.00000	4.1221910e-05	835.50	835.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
441233.00000	3866761.00000	4.4917290e-05	830.50	830.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
441733.00000	3866761.00000	4.5757630e-05	826.50	826.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
442233.00000	3866761.00000	5.0801100e-05	825.50	825.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
442733.00000	3866761.00000	4.4762480e-05	824.00	824.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
443233.00000	3866761.00000	3.2148900e-05	827.10	827.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
443733.00000	3866761.00000	2.3977430e-05	833.80	833.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
444233.00000	3866761.00000	1.9815650e-05	840.00	840.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
444733.00000	3866761.00000	2.0042400e-05	846.50	846.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
445233.00000	3866761.00000	1.6724980e-05	851.60	851.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
445733.00000	3866761.00000	1.7133540e-05	854.90	854.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
430733.00000	3867261.00000	3.3083960e-05	728.10	728.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
431233.00000	3867261.00000	3.6657170e-05	725.90	725.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
431733.00000	3867261.00000	3.9558150e-05	722.80	722.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
432233.00000	3867261.00000	4.2297070e-05	719.00	719.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
432733.00000	3867261.00000	4.6160120e-05	718.10	718.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
433233.00000	3867261.00000	5.0675060e-05	724.00	724.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
433733.00000	3867261.00000	5.2916520e-05	733.40	733.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
434233.00000	3867261.00000	5.3117000e-05	747.90	961.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
434733.00000	3867261.00000	5.3885370e-05	762.60	970.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
435233.00000	3867261.00000	5.7816030e-05	779.90	1026.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
435733.00000	3867261.00000	5.3142190e-05	798.50	1034.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
436233.00000	3867261.00000	3.4831290e-05	823.40	1034.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
436733.00000	3867261.00000	2.8088590e-05	857.60	1034.00	1.20	PERIOD
CARTGRID	00043872	COURSE				

437233.00000	3867261.00000	2.1519690e-05	968.80	1026.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
437733.00000	3867261.00000	2.1607630e-05	991.30	1034.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
438233.00000	3867261.00000	2.3868690e-05	934.10	1034.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
438733.00000	3867261.00000	3.0991520e-05	854.70	1034.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
439233.00000	3867261.00000	3.3611300e-05	843.00	1034.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
439733.00000	3867261.00000	3.5205740e-05	834.80	1034.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
440233.00000	3867261.00000	4.3502450e-05	824.70	824.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
440733.00000	3867261.00000	5.5158010e-05	818.80	818.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
441233.00000	3867261.00000	6.0898930e-05	816.80	816.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
441733.00000	3867261.00000	6.1544750e-05	816.80	816.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
442233.00000	3867261.00000	6.7121570e-05	816.80	816.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
442733.00000	3867261.00000	5.4287900e-05	818.00	818.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
443233.00000	3867261.00000	3.6272510e-05	823.40	823.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
443733.00000	3867261.00000	2.4151140e-05	836.00	836.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
444233.00000	3867261.00000	2.5266690e-05	836.00	836.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
444733.00000	3867261.00000	2.2638480e-05	838.10	838.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
445233.00000	3867261.00000	2.0497740e-05	846.80	846.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
445733.00000	3867261.00000	1.9640380e-05	853.40	853.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
430733.00000	3867761.00000	2.8334530e-05	719.10	719.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
431233.00000	3867761.00000	3.2016740e-05	717.90	717.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
431733.00000	3867761.00000	3.6237780e-05	716.00	716.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
432233.00000	3867761.00000	4.0516240e-05	715.00	715.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
432733.00000	3867761.00000	4.4496220e-05	715.00	715.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
433233.00000	3867761.00000	4.9383220e-05	717.80	717.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
433733.00000	3867761.00000	5.6068810e-05	726.40	726.40	1.20	PERIOD
CARTGRID	00043872	COURSE				

434233.00000	3867761.00000	6.1606030e-05	736.30	736.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
434733.00000	3867761.00000	6.3880320e-05	750.90	965.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
435233.00000	3867761.00000	6.3756500e-05	765.40	1026.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
435733.00000	3867761.00000	6.7559490e-05	785.30	1034.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
436233.00000	3867761.00000	5.8286260e-05	803.70	1034.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
436733.00000	3867761.00000	3.8995580e-05	826.60	1034.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
437233.00000	3867761.00000	2.9535370e-05	873.80	1034.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
437733.00000	3867761.00000	2.4439950e-05	982.60	1034.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
438233.00000	3867761.00000	2.6829040e-05	919.80	1034.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
438733.00000	3867761.00000	3.8201190e-05	846.80	1034.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
439233.00000	3867761.00000	4.7266710e-05	829.00	1034.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
439733.00000	3867761.00000	4.6633700e-05	823.60	1034.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
440233.00000	3867761.00000	5.5885700e-05	813.90	813.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
440733.00000	3867761.00000	7.0187990e-05	809.00	809.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
441233.00000	3867761.00000	7.9202690e-05	809.00	809.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
441733.00000	3867761.00000	8.1699200e-05	810.00	810.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
442233.00000	3867761.00000	7.6957960e-05	814.70	814.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
442733.00000	3867761.00000	4.9777980e-05	825.30	825.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
443233.00000	3867761.00000	2.8628270e-05	840.90	840.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
443733.00000	3867761.00000	3.1030500e-05	829.00	829.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
444233.00000	3867761.00000	3.1281630e-05	828.00	828.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
444733.00000	3867761.00000	2.6444430e-05	835.10	835.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
445233.00000	3867761.00000	2.2679630e-05	849.70	849.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
445733.00000	3867761.00000	2.0120650e-05	860.90	860.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
430733.00000	3868261.00000	2.4773000e-05	709.20	709.20	1.20	PERIOD
CARTGRID	00043872	COURSE				

431233.00000	3868261.00000	2.7627010e-05	710.40	710.40	1.20	PERIOD
CARTGRID 00043872 COURSE						
431733.00000	3868261.00000	3.1197780e-05	711.50	711.50	1.20	PERIOD
CARTGRID 00043872 COURSE						
432233.00000	3868261.00000	3.5609350e-05	711.50	711.50	1.20	PERIOD
CARTGRID 00043872 COURSE						
432733.00000	3868261.00000	4.0755740e-05	711.00	711.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
433233.00000	3868261.00000	4.6231930e-05	713.00	713.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
433733.00000	3868261.00000	5.2427150e-05	719.00	719.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
434233.00000	3868261.00000	6.0969700e-05	729.60	729.60	1.20	PERIOD
CARTGRID 00043872 COURSE						
434733.00000	3868261.00000	7.0625550e-05	741.30	741.30	1.20	PERIOD
CARTGRID 00043872 COURSE						
435233.00000	3868261.00000	7.7157350e-05	754.90	1026.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
435733.00000	3868261.00000	7.7716550e-05	769.60	1034.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
436233.00000	3868261.00000	8.1961550e-05	782.50	1034.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
436733.00000	3868261.00000	7.2414750e-05	801.10	1034.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
437233.00000	3868261.00000	4.5441760e-05	827.20	1034.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
437733.00000	3868261.00000	3.2364210e-05	888.40	1034.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
438233.00000	3868261.00000	3.0948440e-05	913.70	1034.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
438733.00000	3868261.00000	4.8635790e-05	835.40	1034.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
439233.00000	3868261.00000	6.6090750e-05	818.60	1034.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
439733.00000	3868261.00000	7.1708850e-05	811.30	1034.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
440233.00000	3868261.00000	7.7236020e-05	803.50	803.50	1.20	PERIOD
CARTGRID 00043872 COURSE						
440733.00000	3868261.00000	9.1512450e-05	800.50	800.50	1.20	PERIOD
CARTGRID 00043872 COURSE						
441233.00000	3868261.00000	1.0225790e-04	804.00	804.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
441733.00000	3868261.00000	7.7651760e-05	818.60	818.60	1.20	PERIOD
CARTGRID 00043872 COURSE						
442233.00000	3868261.00000	5.0752140e-05	835.80	841.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
442733.00000	3868261.00000	3.6609640e-05	844.60	844.60	1.20	PERIOD
CARTGRID 00043872 COURSE						
443233.00000	3868261.00000	3.4836440e-05	834.10	834.10	1.20	PERIOD
CARTGRID 00043872 COURSE						

443733.00000	3868261.00000	3.6921040e-05	827.20	827.20	1.20	PERIOD
CARTGRID 00043872 COURSE						
444233.00000	3868261.00000	3.7157670e-05	823.00	823.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
444733.00000	3868261.00000	3.3019050e-05	831.20	831.20	1.20	PERIOD
CARTGRID 00043872 COURSE						
445233.00000	3868261.00000	3.0020560e-05	839.40	842.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
445733.00000	3868261.00000	2.8299140e-05	847.90	860.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
430733.00000	3868761.00000	2.3637510e-05	704.40	704.40	1.20	PERIOD
CARTGRID 00043872 COURSE						
431233.00000	3868761.00000	2.5453600e-05	704.10	704.10	1.20	PERIOD
CARTGRID 00043872 COURSE						
431733.00000	3868761.00000	2.8054380e-05	707.60	707.60	1.20	PERIOD
CARTGRID 00043872 COURSE						
432233.00000	3868761.00000	3.1258630e-05	708.00	708.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
432733.00000	3868761.00000	3.5389220e-05	709.00	709.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
433233.00000	3868761.00000	4.0726360e-05	710.00	710.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
433733.00000	3868761.00000	4.7242410e-05	713.00	713.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
434233.00000	3868761.00000	5.4863260e-05	720.90	720.90	1.20	PERIOD
CARTGRID 00043872 COURSE						
434733.00000	3868761.00000	6.4562530e-05	730.60	730.60	1.20	PERIOD
CARTGRID 00043872 COURSE						
435233.00000	3868761.00000	7.7738350e-05	742.80	1026.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
435733.00000	3868761.00000	9.0517620e-05	755.90	1034.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
436233.00000	3868761.00000	9.6223120e-05	767.60	1034.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
436733.00000	3868761.00000	1.0111060e-04	783.30	1034.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
437233.00000	3868761.00000	9.0308160e-05	799.90	1034.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
437733.00000	3868761.00000	6.3653290e-05	815.40	1034.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
438233.00000	3868761.00000	5.2372730e-05	829.60	1034.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
438733.00000	3868761.00000	7.2060200e-05	812.50	1034.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
439233.00000	3868761.00000	9.8350650e-05	806.80	1034.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
439733.00000	3868761.00000	1.1201700e-04	802.50	1025.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
440233.00000	3868761.00000	1.1496480e-04	796.80	796.80	1.20	PERIOD
CARTGRID 00043872 COURSE						

440733.00000	3868761.00000	1.1609350e-04	796.80	796.80	1.20	PERIOD
CARTGRID 00043872 COURSE						
441233.00000	3868761.00000	8.9773190e-05	817.30	823.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
441733.00000	3868761.00000	5.6403940e-05	847.10	847.10	1.20	PERIOD
CARTGRID 00043872 COURSE						
442233.00000	3868761.00000	5.0140750e-05	844.60	844.60	1.20	PERIOD
CARTGRID 00043872 COURSE						
442733.00000	3868761.00000	4.3380670e-05	838.00	838.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
443233.00000	3868761.00000	4.5041790e-05	827.90	827.90	1.20	PERIOD
CARTGRID 00043872 COURSE						
443733.00000	3868761.00000	4.1082910e-05	829.80	829.80	1.20	PERIOD
CARTGRID 00043872 COURSE						
444233.00000	3868761.00000	4.9225730e-05	817.10	817.10	1.20	PERIOD
CARTGRID 00043872 COURSE						
444733.00000	3868761.00000	4.9828150e-05	822.70	822.70	1.20	PERIOD
CARTGRID 00043872 COURSE						
445233.00000	3868761.00000	4.2025190e-05	835.40	835.40	1.20	PERIOD
CARTGRID 00043872 COURSE						
445733.00000	3868761.00000	4.9186270e-05	827.90	827.90	1.20	PERIOD
CARTGRID 00043872 COURSE						
430733.00000	3869261.00000	2.6013280e-05	696.20	696.20	1.20	PERIOD
CARTGRID 00043872 COURSE						
431233.00000	3869261.00000	2.6843020e-05	701.00	701.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
431733.00000	3869261.00000	2.8188200e-05	705.00	705.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
432233.00000	3869261.00000	3.0481790e-05	714.40	714.40	1.20	PERIOD
CARTGRID 00043872 COURSE						
432733.00000	3869261.00000	3.2860340e-05	707.00	707.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
433233.00000	3869261.00000	3.6714010e-05	709.70	709.70	1.20	PERIOD
CARTGRID 00043872 COURSE						
433733.00000	3869261.00000	4.1883300e-05	712.90	712.90	1.20	PERIOD
CARTGRID 00043872 COURSE						
434233.00000	3869261.00000	4.8395750e-05	714.00	714.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
434733.00000	3869261.00000	5.7155880e-05	723.80	723.80	1.20	PERIOD
CARTGRID 00043872 COURSE						
435233.00000	3869261.00000	6.7809020e-05	734.00	734.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
435733.00000	3869261.00000	8.3027550e-05	745.10	1026.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
436233.00000	3869261.00000	1.0198940e-04	757.10	1034.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
436733.00000	3869261.00000	1.1746310e-04	770.10	1034.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
437233.00000	3869261.00000	1.2917320e-04	783.10	1034.00	1.20	PERIOD
CARTGRID 00043872 COURSE						

437733.00000	3869261.00000	8.6284250e-05	812.20	1034.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
438233.00000	3869261.00000	7.1241460e-05	821.50	1034.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
438733.00000	3869261.00000	1.1041370e-04	795.10	1034.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
439233.00000	3869261.00000	1.3589760e-04	795.10	1034.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
439733.00000	3869261.00000	1.6888920e-04	794.00	794.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
440233.00000	3869261.00000	1.8218680e-04	790.10	790.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
440733.00000	3869261.00000	1.4264150e-04	798.70	798.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
441233.00000	3869261.00000	1.1133300e-04	815.50	815.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
441733.00000	3869261.00000	9.8619060e-05	824.40	824.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
442233.00000	3869261.00000	8.4813110e-05	826.10	826.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
442733.00000	3869261.00000	6.5604360e-05	824.10	824.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
443233.00000	3869261.00000	6.2368640e-05	818.00	818.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
443733.00000	3869261.00000	5.6232570e-05	822.80	822.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
444233.00000	3869261.00000	6.9087960e-05	816.80	823.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
444733.00000	3869261.00000	7.0813670e-05	818.00	818.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
445233.00000	3869261.00000	5.7484090e-05	828.20	828.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
445733.00000	3869261.00000	6.4306670e-05	823.00	823.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
430733.00000	3869761.00000	3.3904530e-05	696.00	696.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
431233.00000	3869761.00000	3.4245960e-05	699.10	699.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
431733.00000	3869761.00000	3.4839310e-05	707.00	707.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
432233.00000	3869761.00000	3.5304750e-05	707.00	707.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
432733.00000	3869761.00000	3.6228230e-05	707.00	707.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
433233.00000	3869761.00000	3.8337660e-05	713.00	713.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
433733.00000	3869761.00000	4.1355610e-05	714.00	714.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
434233.00000	3869761.00000	4.5899420e-05	716.00	716.00	1.20	PERIOD
CARTGRID	00043872	COURSE				

434733.00000	3869761.00000	5.2557220e-05	721.00	721.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
435233.00000	3869761.00000	6.1683150e-05	728.40	728.40	1.20	PERIOD
CARTGRID 00043872 COURSE						
435733.00000	3869761.00000	7.2852610e-05	738.10	738.10	1.20	PERIOD
CARTGRID 00043872 COURSE						
436233.00000	3869761.00000	8.7457670e-05	746.90	1015.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
436733.00000	3869761.00000	1.0986630e-04	758.20	1034.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
437233.00000	3869761.00000	1.3646700e-04	766.50	1034.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
437733.00000	3869761.00000	1.6598150e-04	782.90	1034.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
438233.00000	3869761.00000	1.7989670e-04	789.00	1023.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
438733.00000	3869761.00000	1.8310360e-04	785.50	970.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
439233.00000	3869761.00000	1.7952610e-04	786.00	786.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
439733.00000	3869761.00000	2.3161660e-04	784.50	784.50	1.20	PERIOD
CARTGRID 00043872 COURSE						
440233.00000	3869761.00000	2.7402670e-04	783.10	783.10	1.20	PERIOD
CARTGRID 00043872 COURSE						
440733.00000	3869761.00000	2.2015360e-04	794.80	794.80	1.20	PERIOD
CARTGRID 00043872 COURSE						
441233.00000	3869761.00000	1.8381080e-04	802.20	802.20	1.20	PERIOD
CARTGRID 00043872 COURSE						
441733.00000	3869761.00000	1.8140740e-04	806.50	806.50	1.20	PERIOD
CARTGRID 00043872 COURSE						
442233.00000	3869761.00000	1.5034740e-04	810.00	810.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
442733.00000	3869761.00000	8.0372610e-05	823.00	823.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
443233.00000	3869761.00000	9.9742280e-05	810.00	810.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
443733.00000	3869761.00000	1.0101230e-04	811.30	817.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
444233.00000	3869761.00000	1.2678400e-04	805.00	805.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
444733.00000	3869761.00000	1.0176460e-04	814.60	814.60	1.20	PERIOD
CARTGRID 00043872 COURSE						
445233.00000	3869761.00000	7.0348530e-05	830.60	830.60	1.20	PERIOD
CARTGRID 00043872 COURSE						
445733.00000	3869761.00000	9.4885190e-05	814.20	814.20	1.20	PERIOD
CARTGRID 00043872 COURSE						
430733.00000	3870261.00000	4.0461750e-05	698.00	698.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
431233.00000	3870261.00000	4.2370130e-05	700.80	700.80	1.20	PERIOD
CARTGRID 00043872 COURSE						



431733.00000	3870261.00000	4.4221680e-05	702.60	702.60	1.20	PERIOD
CARTGRID 00043872 COURSE						
432233.00000	3870261.00000	4.6173010e-05	707.40	707.40	1.20	PERIOD
CARTGRID 00043872 COURSE						
432733.00000	3870261.00000	4.7712040e-05	707.00	707.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
433233.00000	3870261.00000	4.9698200e-05	713.00	713.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
433733.00000	3870261.00000	5.1508920e-05	714.40	714.40	1.20	PERIOD
CARTGRID 00043872 COURSE						
434233.00000	3870261.00000	5.4117120e-05	718.00	718.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
434733.00000	3870261.00000	5.8078920e-05	722.00	722.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
435233.00000	3870261.00000	6.4425450e-05	728.00	728.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
435733.00000	3870261.00000	7.3969720e-05	735.00	735.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
436233.00000	3870261.00000	8.6046620e-05	742.00	742.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
436733.00000	3870261.00000	9.9435940e-05	750.00	750.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
437233.00000	3870261.00000	1.1856460e-04	758.10	899.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
437733.00000	3870261.00000	1.5061600e-04	767.00	899.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
438233.00000	3870261.00000	2.1114660e-04	774.00	899.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
438733.00000	3870261.00000	2.6910680e-04	780.00	899.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
439233.00000	3870261.00000	2.8345350e-04	779.80	779.80	1.20	PERIOD
CARTGRID 00043872 COURSE						
439733.00000	3870261.00000	3.2274610e-04	774.00	774.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
440233.00000	3870261.00000	3.6489470e-04	786.10	786.10	1.20	PERIOD
CARTGRID 00043872 COURSE						
440733.00000	3870261.00000	4.0149880e-04	786.00	786.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
441233.00000	3870261.00000	3.9819190e-04	788.30	788.30	1.20	PERIOD
CARTGRID 00043872 COURSE						
441733.00000	3870261.00000	3.4510030e-04	795.10	795.10	1.20	PERIOD
CARTGRID 00043872 COURSE						
442233.00000	3870261.00000	2.1741370e-04	806.40	806.40	1.20	PERIOD
CARTGRID 00043872 COURSE						
442733.00000	3870261.00000	1.8187880e-04	803.40	803.40	1.20	PERIOD
CARTGRID 00043872 COURSE						
443233.00000	3870261.00000	2.1208970e-04	798.80	798.80	1.20	PERIOD
CARTGRID 00043872 COURSE						
443733.00000	3870261.00000	2.2313630e-04	798.80	798.80	1.20	PERIOD
CARTGRID 00043872 COURSE						

444233.00000	3870261.00000	2.2111780e-04	798.00	798.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
444733.00000	3870261.00000	1.9974510e-04	798.10	798.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
445233.00000	3870261.00000	1.4680050e-04	801.80	801.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
445733.00000	3870261.00000	1.2557770e-04	799.80	799.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
430733.00000	3870761.00000	4.2822830e-05	700.70	700.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
431233.00000	3870761.00000	4.5166280e-05	701.50	701.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
431733.00000	3870761.00000	4.8059010e-05	707.00	707.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
432233.00000	3870761.00000	5.0793490e-05	707.00	707.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
432733.00000	3870761.00000	5.4038220e-05	709.00	709.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
433233.00000	3870761.00000	5.7779060e-05	712.00	712.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
433733.00000	3870761.00000	6.2017290e-05	715.00	715.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
434233.00000	3870761.00000	6.6996170e-05	719.10	719.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
434733.00000	3870761.00000	7.2903630e-05	723.80	723.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
435233.00000	3870761.00000	8.0141920e-05	728.40	728.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
435733.00000	3870761.00000	8.9908900e-05	734.00	734.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
436233.00000	3870761.00000	1.0370640e-04	740.10	740.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
436733.00000	3870761.00000	1.2305220e-04	747.50	747.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
437233.00000	3870761.00000	1.4630220e-04	762.00	762.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
437733.00000	3870761.00000	1.6076250e-04	765.10	765.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
438233.00000	3870761.00000	1.7997010e-04	773.10	773.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
438733.00000	3870761.00000	2.5731090e-04	773.10	773.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
439233.00000	3870761.00000	3.7985010e-04	770.80	770.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
439733.00000	3870761.00000	4.7064700e-04	776.10	776.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
440233.00000	3870761.00000	6.2533850e-04	779.90	779.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
440733.00000	3870761.00000	7.7282290e-04	780.00	780.00	1.20	PERIOD
CARTGRID	00043872	COURSE				

441233.00000	3870761.00000	8.4061920e-04	780.50	780.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
441733.00000	3870761.00000	7.7457330e-04	786.10	786.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
442233.00000	3870761.00000	8.1585320e-04	783.10	783.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
442733.00000	3870761.00000	5.4935910e-04	786.10	786.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
443233.00000	3870761.00000	4.3113830e-04	791.90	791.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
443733.00000	3870761.00000	3.7093750e-04	792.00	792.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
444233.00000	3870761.00000	2.9235550e-04	792.00	792.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
444733.00000	3870761.00000	2.1606090e-04	792.00	792.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
445233.00000	3870761.00000	1.7067180e-04	787.30	787.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
445733.00000	3870761.00000	1.2651020e-04	787.10	787.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
430733.00000	3871261.00000	4.7266790e-05	701.60	701.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
431233.00000	3871261.00000	5.0532980e-05	704.10	704.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
431733.00000	3871261.00000	5.4192850e-05	707.00	707.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
432233.00000	3871261.00000	5.7880520e-05	707.00	707.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
432733.00000	3871261.00000	6.2169760e-05	710.00	710.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
433233.00000	3871261.00000	6.6848270e-05	713.00	713.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
433733.00000	3871261.00000	7.1834580e-05	715.20	715.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
434233.00000	3871261.00000	7.7784930e-05	720.00	720.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
434733.00000	3871261.00000	8.4498980e-05	724.00	724.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
435233.00000	3871261.00000	9.2849860e-05	729.00	729.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
435733.00000	3871261.00000	1.0343250e-04	734.00	734.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
436233.00000	3871261.00000	1.1706260e-04	737.40	737.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
436733.00000	3871261.00000	1.3793270e-04	743.00	743.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
437233.00000	3871261.00000	1.7158900e-04	749.50	749.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
437733.00000	3871261.00000	2.2298290e-04	756.00	756.00	1.20	PERIOD
CARTGRID	00043872	COURSE				

438233.00000	3871261.00000	2.7899050e-04	761.70	761.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
438733.00000	3871261.00000	3.2135700e-04	762.40	762.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
439233.00000	3871261.00000	4.2894740e-04	769.90	769.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
439733.00000	3871261.00000	6.1312820e-04	771.50	771.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
440233.00000	3871261.00000	1.0786840e-03	772.00	772.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
440733.00000	3871261.00000	2.0619680e-03	772.90	772.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
441233.00000	3871261.00000	2.8473960e-03	774.00	774.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
441733.00000	3871261.00000	3.2140770e-03	774.00	774.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
442233.00000	3871261.00000	2.4592200e-03	776.00	776.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
442733.00000	3871261.00000	1.2207060e-03	780.00	780.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
443233.00000	3871261.00000	7.5117040e-04	783.00	783.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
443733.00000	3871261.00000	4.8187490e-04	783.40	783.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
444233.00000	3871261.00000	3.2402110e-04	786.80	786.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
444733.00000	3871261.00000	2.4058480e-04	783.90	783.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
445233.00000	3871261.00000	1.9192980e-04	780.00	780.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
445733.00000	3871261.00000	1.5764150e-04	777.50	777.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
430733.00000	3871761.00000	5.3641080e-05	704.10	704.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
431233.00000	3871761.00000	5.7094370e-05	705.60	705.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
431733.00000	3871761.00000	6.0991960e-05	707.00	707.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
432233.00000	3871761.00000	6.5320530e-05	707.00	707.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
432733.00000	3871761.00000	7.0714570e-05	710.30	710.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
433233.00000	3871761.00000	7.6924180e-05	713.00	713.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
433733.00000	3871761.00000	8.4051140e-05	715.00	715.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
434233.00000	3871761.00000	9.2814330e-05	719.00	719.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
434733.00000	3871761.00000	1.0339390e-04	724.00	724.00	1.20	PERIOD
CARTGRID	00043872	COURSE				

435233.00000	3871761.00000	1.1569210e-04	728.40	728.40	1.20	PERIOD
CARTGRID 00043872 COURSE						
435733.00000	3871761.00000	1.3032070e-04	733.10	733.10	1.20	PERIOD
CARTGRID 00043872 COURSE						
436233.00000	3871761.00000	1.4779380e-04	738.00	738.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
436733.00000	3871761.00000	1.6882380e-04	742.40	742.40	1.20	PERIOD
CARTGRID 00043872 COURSE						
437233.00000	3871761.00000	1.9633230e-04	747.10	747.10	1.20	PERIOD
CARTGRID 00043872 COURSE						
437733.00000	3871761.00000	2.3739620e-04	752.00	752.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
438233.00000	3871761.00000	3.1153160e-04	756.80	756.80	1.20	PERIOD
CARTGRID 00043872 COURSE						
438733.00000	3871761.00000	4.4883420e-04	761.80	761.80	1.20	PERIOD
CARTGRID 00043872 COURSE						
439233.00000	3871761.00000	6.2770820e-04	766.60	766.60	1.20	PERIOD
CARTGRID 00043872 COURSE						
439733.00000	3871761.00000	8.9909770e-04	768.00	768.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
440233.00000	3871761.00000	1.5724590e-03	767.00	767.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
440733.00000	3871761.00000	1.5873180e-02	767.90	767.90	1.20	PERIOD
CARTGRID 00043872 COURSE						
441233.00000	3871761.00000	2.2348220e-02	767.80	767.80	1.20	PERIOD
CARTGRID 00043872 COURSE						
441733.00000	3871761.00000	2.3921520e-02	768.00	768.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
442233.00000	3871761.00000	1.9553560e-02	771.00	771.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
442733.00000	3871761.00000	2.1960790e-03	774.00	774.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
443233.00000	3871761.00000	9.7725480e-04	775.70	775.70	1.20	PERIOD
CARTGRID 00043872 COURSE						
443733.00000	3871761.00000	5.7294410e-04	777.00	777.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
444233.00000	3871761.00000	3.8665040e-04	780.80	780.80	1.20	PERIOD
CARTGRID 00043872 COURSE						
444733.00000	3871761.00000	2.8567360e-04	778.00	778.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
445233.00000	3871761.00000	2.2231820e-04	774.00	774.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
445733.00000	3871761.00000	1.7934640e-04	771.90	771.90	1.20	PERIOD
CARTGRID 00043872 COURSE						
430733.00000	3872261.00000	5.5884600e-05	705.00	705.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
431233.00000	3872261.00000	5.9046100e-05	706.20	706.20	1.20	PERIOD
CARTGRID 00043872 COURSE						
431733.00000	3872261.00000	6.2533170e-05	707.00	707.00	1.20	PERIOD
CARTGRID 00043872 COURSE						

432233.00000	3872261.00000	6.6544690e-05	709.00	709.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
432733.00000	3872261.00000	7.1050560e-05	710.90	710.90	1.20	PERIOD
CARTGRID 00043872 COURSE						
433233.00000	3872261.00000	7.6180320e-05	712.80	712.80	1.20	PERIOD
CARTGRID 00043872 COURSE						
433733.00000	3872261.00000	8.2131580e-05	715.00	715.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
434233.00000	3872261.00000	8.9411640e-05	719.00	719.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
434733.00000	3872261.00000	9.8069800e-05	723.00	723.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
435233.00000	3872261.00000	1.0889550e-04	728.00	728.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
435733.00000	3872261.00000	1.2239830e-04	733.00	733.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
436233.00000	3872261.00000	1.3936870e-04	737.20	737.20	1.20	PERIOD
CARTGRID 00043872 COURSE						
436733.00000	3872261.00000	1.6188550e-04	741.40	741.40	1.20	PERIOD
CARTGRID 00043872 COURSE						
437233.00000	3872261.00000	1.9375210e-04	746.00	746.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
437733.00000	3872261.00000	2.4109510e-04	750.00	750.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
438233.00000	3872261.00000	3.1453280e-04	752.00	752.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
438733.00000	3872261.00000	4.4042350e-04	753.00	753.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
439233.00000	3872261.00000	7.2955950e-04	755.10	755.10	1.20	PERIOD
CARTGRID 00043872 COURSE						
439733.00000	3872261.00000	1.8682310e-03	758.10	758.10	1.20	PERIOD
CARTGRID 00043872 COURSE						
440233.00000	3872261.00000	6.4963650e-03	760.00	760.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
440733.00000	3872261.00000	4.6185380e-03	761.10	761.10	1.20	PERIOD
CARTGRID 00043872 COURSE						
441233.00000	3872261.00000	6.4246760e-03	761.00	761.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
441733.00000	3872261.00000	2.3210580e-02	763.20	763.20	1.20	PERIOD
CARTGRID 00043872 COURSE						
442233.00000	3872261.00000	1.9907280e-02	767.80	767.80	1.20	PERIOD
CARTGRID 00043872 COURSE						
442733.00000	3872261.00000	2.5410090e-03	768.00	768.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
443233.00000	3872261.00000	1.0399320e-03	769.10	769.10	1.20	PERIOD
CARTGRID 00043872 COURSE						
443733.00000	3872261.00000	5.6590160e-04	771.10	771.10	1.20	PERIOD
CARTGRID 00043872 COURSE						
444233.00000	3872261.00000	3.7412880e-04	774.00	774.00	1.20	PERIOD
CARTGRID 00043872 COURSE						

444733.00000	3872261.00000	2.7472730e-04	774.00	774.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
445233.00000	3872261.00000	2.1408400e-04	770.00	770.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
445733.00000	3872261.00000	1.7301610e-04	767.00	767.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
430733.00000	3872761.00000	4.9201300e-05	706.40	706.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
431233.00000	3872761.00000	5.1723250e-05	707.60	707.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
431733.00000	3872761.00000	5.4564690e-05	709.00	709.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
432233.00000	3872761.00000	5.7593520e-05	709.00	709.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
432733.00000	3872761.00000	6.1240910e-05	711.00	711.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
433233.00000	3872761.00000	6.5365760e-05	713.00	713.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
433733.00000	3872761.00000	7.0035850e-05	715.00	715.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
434233.00000	3872761.00000	7.5573890e-05	718.00	718.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
434733.00000	3872761.00000	8.2337920e-05	722.00	722.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
435233.00000	3872761.00000	9.1142410e-05	727.00	727.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
435733.00000	3872761.00000	1.0332140e-04	732.00	732.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
436233.00000	3872761.00000	1.2091210e-04	736.00	736.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
436733.00000	3872761.00000	1.4638640e-04	739.70	739.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
437233.00000	3872761.00000	1.8156060e-04	744.00	744.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
437733.00000	3872761.00000	2.2547740e-04	746.00	746.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
438233.00000	3872761.00000	2.8653540e-04	747.50	747.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
438733.00000	3872761.00000	3.8863730e-04	747.00	747.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
439233.00000	3872761.00000	5.9956780e-04	748.00	748.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
439733.00000	3872761.00000	1.6789900e-03	751.70	751.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
440233.00000	3872761.00000	9.8419830e-03	753.50	753.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
440733.00000	3872761.00000	5.2271000e-03	755.00	755.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
441233.00000	3872761.00000	2.6552900e-03	756.50	756.50	1.20	PERIOD
CARTGRID	00043872	COURSE				

441733.00000	3872761.00000	3.6442040e-03	759.10	759.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
442233.00000	3872761.00000	3.2813220e-03	761.90	761.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
442733.00000	3872761.00000	1.9638740e-03	763.00	763.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
443233.00000	3872761.00000	1.0246720e-03	764.00	764.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
443733.00000	3872761.00000	5.6662720e-04	766.00	766.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
444233.00000	3872761.00000	3.4071630e-04	767.00	767.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
444733.00000	3872761.00000	2.3155180e-04	767.50	767.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
445233.00000	3872761.00000	1.7456780e-04	765.60	765.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
445733.00000	3872761.00000	1.3989790e-04	762.00	762.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
430733.00000	3873261.00000	3.9858660e-05	707.20	707.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
431233.00000	3873261.00000	4.1773160e-05	709.60	709.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
431733.00000	3873261.00000	4.3685620e-05	709.00	709.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
432233.00000	3873261.00000	4.5847420e-05	709.00	709.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
432733.00000	3873261.00000	4.8602420e-05	711.20	711.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
433233.00000	3873261.00000	5.2104300e-05	713.00	713.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
433733.00000	3873261.00000	5.6996470e-05	715.00	715.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
434233.00000	3873261.00000	6.4113050e-05	718.00	718.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
434733.00000	3873261.00000	7.4083280e-05	721.00	721.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
435233.00000	3873261.00000	8.7203010e-05	725.00	725.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
435733.00000	3873261.00000	1.0308790e-04	729.00	729.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
436233.00000	3873261.00000	1.2271500e-04	733.00	733.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
436733.00000	3873261.00000	1.4956530e-04	737.40	737.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
437233.00000	3873261.00000	1.8310430e-04	739.40	739.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
437733.00000	3873261.00000	2.1978110e-04	740.10	740.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
438233.00000	3873261.00000	2.5845890e-04	741.50	741.50	1.20	PERIOD
CARTGRID	00043872	COURSE				



438733.00000	3873261.00000	2.9377370e-04	741.50	741.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
439233.00000	3873261.00000	3.9693010e-04	743.30	743.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
439733.00000	3873261.00000	8.3235900e-04	745.50	745.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
440233.00000	3873261.00000	1.4198990e-03	747.90	747.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
440733.00000	3873261.00000	1.5881790e-03	750.20	750.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
441233.00000	3873261.00000	1.7127290e-03	752.10	752.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
441733.00000	3873261.00000	1.6357980e-03	753.10	753.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
442233.00000	3873261.00000	1.2890320e-03	755.30	755.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
442733.00000	3873261.00000	1.0879920e-03	758.00	758.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
443233.00000	3873261.00000	8.6364020e-04	759.70	759.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
443733.00000	3873261.00000	5.9571030e-04	759.50	759.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
444233.00000	3873261.00000	3.8854410e-04	760.70	760.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
444733.00000	3873261.00000	2.5216390e-04	761.70	761.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
445233.00000	3873261.00000	1.7204650e-04	759.20	759.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
445733.00000	3873261.00000	1.2826110e-04	757.40	757.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
430733.00000	3873761.00000	3.5656140e-05	709.90	709.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
431233.00000	3873761.00000	3.7863750e-05	710.40	710.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
431733.00000	3873761.00000	4.0890060e-05	711.40	711.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
432233.00000	3873761.00000	4.5071300e-05	712.30	712.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
432733.00000	3873761.00000	5.0709380e-05	713.20	713.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
433233.00000	3873761.00000	5.8019200e-05	714.40	714.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
433733.00000	3873761.00000	6.6833350e-05	716.00	716.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
434233.00000	3873761.00000	7.7199380e-05	718.40	718.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
434733.00000	3873761.00000	8.9535530e-05	720.80	720.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
435233.00000	3873761.00000	1.0497350e-04	724.30	724.30	1.20	PERIOD
CARTGRID	00043872	COURSE				

435733.00000	3873761.00000	1.2275700e-04	727.90	727.90	1.20	PERIOD
CARTGRID 00043872 COURSE						
436233.00000	3873761.00000	1.3908560e-04	730.80	730.80	1.20	PERIOD
CARTGRID 00043872 COURSE						
436733.00000	3873761.00000	1.5133190e-04	734.40	734.40	1.20	PERIOD
CARTGRID 00043872 COURSE						
437233.00000	3873761.00000	1.5729280e-04	735.80	735.80	1.20	PERIOD
CARTGRID 00043872 COURSE						
437733.00000	3873761.00000	1.6283240e-04	737.70	737.70	1.20	PERIOD
CARTGRID 00043872 COURSE						
438233.00000	3873761.00000	1.7706580e-04	737.60	737.60	1.20	PERIOD
CARTGRID 00043872 COURSE						
438733.00000	3873761.00000	2.2696180e-04	737.90	737.90	1.20	PERIOD
CARTGRID 00043872 COURSE						
439233.00000	3873761.00000	3.5057250e-04	740.60	740.60	1.20	PERIOD
CARTGRID 00043872 COURSE						
439733.00000	3873761.00000	5.9503190e-04	743.30	743.30	1.20	PERIOD
CARTGRID 00043872 COURSE						
440233.00000	3873761.00000	8.1027360e-04	745.00	745.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
440733.00000	3873761.00000	9.1630780e-04	746.50	746.50	1.20	PERIOD
CARTGRID 00043872 COURSE						
441233.00000	3873761.00000	1.0655060e-03	748.60	748.60	1.20	PERIOD
CARTGRID 00043872 COURSE						
441733.00000	3873761.00000	1.0291050e-03	750.50	750.50	1.20	PERIOD
CARTGRID 00043872 COURSE						
442233.00000	3873761.00000	8.0247060e-04	753.10	753.10	1.20	PERIOD
CARTGRID 00043872 COURSE						
442733.00000	3873761.00000	6.8366610e-04	755.30	755.30	1.20	PERIOD
CARTGRID 00043872 COURSE						
443233.00000	3873761.00000	5.9180010e-04	754.80	754.80	1.20	PERIOD
CARTGRID 00043872 COURSE						
443733.00000	3873761.00000	4.9060730e-04	755.40	755.40	1.20	PERIOD
CARTGRID 00043872 COURSE						
444233.00000	3873761.00000	3.9600460e-04	756.90	756.90	1.20	PERIOD
CARTGRID 00043872 COURSE						
444733.00000	3873761.00000	2.9503310e-04	757.10	757.10	1.20	PERIOD
CARTGRID 00043872 COURSE						
445233.00000	3873761.00000	2.0754140e-04	756.40	756.40	1.20	PERIOD
CARTGRID 00043872 COURSE						
445733.00000	3873761.00000	1.4591670e-04	757.40	757.40	1.20	PERIOD
CARTGRID 00043872 COURSE						
430733.00000	3874261.00000	3.8582940e-05	710.20	710.20	1.20	PERIOD
CARTGRID 00043872 COURSE						
431233.00000	3874261.00000	4.3364090e-05	711.10	711.10	1.20	PERIOD
CARTGRID 00043872 COURSE						
431733.00000	3874261.00000	4.9291810e-05	713.20	713.20	1.20	PERIOD
CARTGRID 00043872 COURSE						
432233.00000	3874261.00000	5.6024580e-05	713.50	713.50	1.20	PERIOD
CARTGRID 00043872 COURSE						

432733.00000	3874261.00000	6.3823870e-05	715.70	715.70	1.20	PERIOD
CARTGRID 00043872 COURSE						
433233.00000	3874261.00000	7.2204230e-05	715.70	715.70	1.20	PERIOD
CARTGRID 00043872 COURSE						
433733.00000	3874261.00000	8.1630790e-05	717.50	717.50	1.20	PERIOD
CARTGRID 00043872 COURSE						
434233.00000	3874261.00000	9.1108230e-05	719.30	719.30	1.20	PERIOD
CARTGRID 00043872 COURSE						
434733.00000	3874261.00000	9.9206680e-05	721.20	721.20	1.20	PERIOD
CARTGRID 00043872 COURSE						
435233.00000	3874261.00000	1.0479270e-04	724.00	724.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
435733.00000	3874261.00000	1.0777170e-04	727.40	727.40	1.20	PERIOD
CARTGRID 00043872 COURSE						
436233.00000	3874261.00000	1.0752790e-04	728.20	728.20	1.20	PERIOD
CARTGRID 00043872 COURSE						
436733.00000	3874261.00000	1.0855590e-04	731.40	731.40	1.20	PERIOD
CARTGRID 00043872 COURSE						
437233.00000	3874261.00000	1.1579280e-04	732.90	732.90	1.20	PERIOD
CARTGRID 00043872 COURSE						
437733.00000	3874261.00000	1.3053320e-04	734.30	734.30	1.20	PERIOD
CARTGRID 00043872 COURSE						
438233.00000	3874261.00000	1.6370560e-04	736.70	736.70	1.20	PERIOD
CARTGRID 00043872 COURSE						
438733.00000	3874261.00000	2.3112590e-04	743.80	743.80	1.20	PERIOD
CARTGRID 00043872 COURSE						
439233.00000	3874261.00000	3.6134160e-04	760.00	762.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
439733.00000	3874261.00000	5.0929550e-04	750.60	750.60	1.20	PERIOD
CARTGRID 00043872 COURSE						
440233.00000	3874261.00000	6.0758600e-04	744.90	744.90	1.20	PERIOD
CARTGRID 00043872 COURSE						
440733.00000	3874261.00000	6.6689110e-04	749.20	755.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
441233.00000	3874261.00000	7.4376720e-04	749.40	749.40	1.20	PERIOD
CARTGRID 00043872 COURSE						
441733.00000	3874261.00000	7.1193480e-04	752.00	752.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
442233.00000	3874261.00000	5.5751900e-04	753.60	753.60	1.20	PERIOD
CARTGRID 00043872 COURSE						
442733.00000	3874261.00000	5.0184540e-04	754.50	754.50	1.20	PERIOD
CARTGRID 00043872 COURSE						
443233.00000	3874261.00000	4.5235270e-04	755.50	755.50	1.20	PERIOD
CARTGRID 00043872 COURSE						
443733.00000	3874261.00000	3.8769980e-04	757.30	757.30	1.20	PERIOD
CARTGRID 00043872 COURSE						
444233.00000	3874261.00000	3.2548750e-04	758.30	758.30	1.20	PERIOD
CARTGRID 00043872 COURSE						
444733.00000	3874261.00000	2.8270110e-04	758.30	758.30	1.20	PERIOD
CARTGRID 00043872 COURSE						

445233.00000	3874261.00000	2.3448160e-04	759.50	759.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
445733.00000	3874261.00000	1.8009810e-04	761.40	761.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
430733.00000	3874761.00000	4.8984470e-05	711.10	711.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
431233.00000	3874761.00000	5.4917900e-05	712.90	712.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
431733.00000	3874761.00000	6.0970100e-05	714.50	714.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
432233.00000	3874761.00000	6.6852490e-05	716.30	716.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
432733.00000	3874761.00000	7.1916290e-05	716.60	716.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
433233.00000	3874761.00000	7.6177650e-05	717.70	717.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
433733.00000	3874761.00000	7.9281310e-05	718.70	718.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
434233.00000	3874761.00000	8.1132940e-05	719.40	719.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
434733.00000	3874761.00000	8.1937500e-05	721.80	721.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
435233.00000	3874761.00000	8.0934700e-05	723.90	723.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
435733.00000	3874761.00000	7.9966510e-05	725.50	725.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
436233.00000	3874761.00000	8.4247690e-05	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
436733.00000	3874761.00000	9.3647690e-05	730.70	730.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
437233.00000	3874761.00000	1.0590410e-04	732.70	732.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
437733.00000	3874761.00000	1.3036000e-04	734.60	734.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
438233.00000	3874761.00000	1.7037480e-04	742.30	742.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
438733.00000	3874761.00000	2.4471480e-04	753.50	753.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
439233.00000	3874761.00000	3.2586050e-04	773.70	789.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
439733.00000	3874761.00000	4.1430170e-04	781.80	806.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
440233.00000	3874761.00000	5.0653570e-04	749.80	806.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
440733.00000	3874761.00000	5.3033940e-04	748.90	748.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
441233.00000	3874761.00000	5.6775690e-04	752.50	752.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
441733.00000	3874761.00000	5.4100320e-04	756.00	756.00	1.20	PERIOD
CARTGRID	00043872	COURSE				

442233.00000	3874761.00000	4.2467150e-04	757.80	757.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
442733.00000	3874761.00000	3.7736470e-04	759.20	759.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
443233.00000	3874761.00000	3.4913710e-04	757.80	757.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
443733.00000	3874761.00000	3.3134770e-04	760.20	760.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
444233.00000	3874761.00000	2.7883890e-04	762.50	762.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
444733.00000	3874761.00000	2.3669520e-04	761.80	761.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
445233.00000	3874761.00000	2.1225940e-04	762.30	762.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
445733.00000	3874761.00000	1.8879530e-04	765.10	765.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
430733.00000	3875261.00000	5.5726770e-05	712.60	712.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
431233.00000	3875261.00000	5.8576420e-05	713.80	713.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
431733.00000	3875261.00000	6.1112270e-05	716.30	716.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
432233.00000	3875261.00000	6.3097150e-05	717.30	717.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
432733.00000	3875261.00000	6.4971270e-05	718.70	718.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
433233.00000	3875261.00000	6.6258360e-05	719.80	719.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
433733.00000	3875261.00000	6.6427140e-05	721.70	721.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
434233.00000	3875261.00000	6.4650590e-05	721.80	721.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
434733.00000	3875261.00000	6.3017590e-05	723.00	723.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
435233.00000	3875261.00000	6.4823040e-05	724.50	724.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
435733.00000	3875261.00000	7.1909720e-05	725.70	725.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
436233.00000	3875261.00000	8.0716510e-05	728.70	728.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
436733.00000	3875261.00000	9.0422330e-05	731.50	731.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
437233.00000	3875261.00000	1.0924700e-04	734.50	734.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
437733.00000	3875261.00000	1.3268090e-04	736.60	736.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
438233.00000	3875261.00000	1.8038130e-04	744.20	744.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
438733.00000	3875261.00000	2.4348130e-04	757.50	757.50	1.20	PERIOD
CARTGRID	00043872	COURSE				

439233.00000	3875261.00000	3.1257750e-04	769.90	769.90	1.20	PERIOD
CARTGRID 00043872 COURSE						
439733.00000	3875261.00000	3.9581220e-04	773.70	777.80	1.20	PERIOD
CARTGRID 00043872 COURSE						
440233.00000	3875261.00000	4.3140790e-04	753.10	753.10	1.20	PERIOD
CARTGRID 00043872 COURSE						
440733.00000	3875261.00000	4.5396870e-04	754.80	754.80	1.20	PERIOD
CARTGRID 00043872 COURSE						
441233.00000	3875261.00000	4.7409120e-04	762.60	762.60	1.20	PERIOD
CARTGRID 00043872 COURSE						
441733.00000	3875261.00000	4.3602420e-04	767.40	767.40	1.20	PERIOD
CARTGRID 00043872 COURSE						
442233.00000	3875261.00000	3.4782660e-04	764.10	764.10	1.20	PERIOD
CARTGRID 00043872 COURSE						
442733.00000	3875261.00000	3.0289220e-04	762.30	762.30	1.20	PERIOD
CARTGRID 00043872 COURSE						
443233.00000	3875261.00000	2.6907820e-04	763.20	763.20	1.20	PERIOD
CARTGRID 00043872 COURSE						
443733.00000	3875261.00000	2.6858530e-04	763.80	763.80	1.20	PERIOD
CARTGRID 00043872 COURSE						
444233.00000	3875261.00000	2.4957480e-04	767.30	767.30	1.20	PERIOD
CARTGRID 00043872 COURSE						
444733.00000	3875261.00000	2.1202600e-04	767.80	767.80	1.20	PERIOD
CARTGRID 00043872 COURSE						
445233.00000	3875261.00000	1.8460300e-04	771.20	771.20	1.20	PERIOD
CARTGRID 00043872 COURSE						
445733.00000	3875261.00000	1.6698040e-04	772.70	772.70	1.20	PERIOD
CARTGRID 00043872 COURSE						
430733.00000	3875761.00000	5.1643680e-05	714.90	714.90	1.20	PERIOD
CARTGRID 00043872 COURSE						
431233.00000	3875761.00000	5.3239580e-05	716.10	716.10	1.20	PERIOD
CARTGRID 00043872 COURSE						
431733.00000	3875761.00000	5.4864760e-05	717.30	717.30	1.20	PERIOD
CARTGRID 00043872 COURSE						
432233.00000	3875761.00000	5.5933940e-05	719.30	719.30	1.20	PERIOD
CARTGRID 00043872 COURSE						
432733.00000	3875761.00000	5.5490640e-05	720.50	720.50	1.20	PERIOD
CARTGRID 00043872 COURSE						
433233.00000	3875761.00000	5.3795810e-05	722.30	722.30	1.20	PERIOD
CARTGRID 00043872 COURSE						
433733.00000	3875761.00000	5.2068760e-05	724.40	724.40	1.20	PERIOD
CARTGRID 00043872 COURSE						
434233.00000	3875761.00000	5.2404210e-05	723.90	723.90	1.20	PERIOD
CARTGRID 00043872 COURSE						
434733.00000	3875761.00000	5.7381650e-05	725.40	725.40	1.20	PERIOD
CARTGRID 00043872 COURSE						
435233.00000	3875761.00000	6.5213200e-05	725.40	725.40	1.20	PERIOD
CARTGRID 00043872 COURSE						
435733.00000	3875761.00000	7.1537480e-05	726.80	726.80	1.20	PERIOD
CARTGRID 00043872 COURSE						

436233.00000	3875761.00000	7.8717180e-05	728.60	728.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
436733.00000	3875761.00000	9.3212900e-05	732.60	732.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
437233.00000	3875761.00000	1.0972950e-04	736.30	736.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
437733.00000	3875761.00000	1.4106610e-04	737.60	737.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
438233.00000	3875761.00000	1.8666330e-04	747.70	747.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
438733.00000	3875761.00000	2.3416190e-04	754.60	754.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
439233.00000	3875761.00000	2.9860790e-04	772.00	790.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
439733.00000	3875761.00000	3.5539180e-04	760.90	760.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
440233.00000	3875761.00000	3.7535200e-04	755.50	755.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
440733.00000	3875761.00000	3.9746460e-04	762.00	762.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
441233.00000	3875761.00000	3.3451210e-04	793.80	796.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
441733.00000	3875761.00000	2.8490720e-04	794.60	810.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
442233.00000	3875761.00000	2.8484600e-04	775.50	812.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
442733.00000	3875761.00000	2.5906170e-04	766.60	766.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
443233.00000	3875761.00000	2.1706960e-04	770.00	770.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
443733.00000	3875761.00000	2.1229940e-04	770.00	770.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
444233.00000	3875761.00000	2.1283070e-04	770.80	770.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
444733.00000	3875761.00000	1.8869990e-04	777.70	777.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
445233.00000	3875761.00000	1.6176940e-04	780.40	780.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
445733.00000	3875761.00000	1.4787860e-04	777.20	777.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
430733.00000	3876261.00000	4.7768030e-05	717.20	717.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
431233.00000	3876261.00000	4.8261880e-05	718.40	718.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
431733.00000	3876261.00000	4.7405750e-05	719.30	719.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
432233.00000	3876261.00000	4.5550210e-05	720.50	720.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
432733.00000	3876261.00000	4.3845350e-05	722.10	722.10	1.20	PERIOD
CARTGRID	00043872	COURSE				

433233.00000	3876261.00000	4.3875080e-05	724.20	724.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
433733.00000	3876261.00000	4.7111850e-05	725.60	725.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
434233.00000	3876261.00000	5.3780310e-05	726.40	726.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
434733.00000	3876261.00000	6.0503580e-05	727.00	727.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
435233.00000	3876261.00000	6.4322000e-05	727.90	727.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
435733.00000	3876261.00000	6.9813850e-05	728.90	728.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
436233.00000	3876261.00000	8.0779540e-05	731.20	731.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
436733.00000	3876261.00000	9.3308780e-05	734.00	734.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
437233.00000	3876261.00000	1.1754730e-04	741.20	741.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
437733.00000	3876261.00000	1.5032920e-04	740.90	740.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
438233.00000	3876261.00000	1.7945240e-04	742.70	742.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
438733.00000	3876261.00000	2.2582400e-04	749.20	749.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
439233.00000	3876261.00000	2.7680060e-04	764.20	801.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
439733.00000	3876261.00000	3.1906200e-04	768.50	801.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
440233.00000	3876261.00000	3.3742530e-04	763.90	763.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
440733.00000	3876261.00000	3.4501050e-04	764.20	764.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
441233.00000	3876261.00000	3.5267590e-04	771.70	771.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
441733.00000	3876261.00000	2.7293830e-04	783.70	783.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
442233.00000	3876261.00000	2.3807110e-04	774.90	812.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
442733.00000	3876261.00000	2.2550140e-04	771.50	771.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
443233.00000	3876261.00000	1.8556450e-04	776.10	776.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
443733.00000	3876261.00000	1.7023710e-04	778.60	778.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
444233.00000	3876261.00000	1.7418590e-04	778.60	778.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
444733.00000	3876261.00000	1.6916620e-04	777.10	777.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
445233.00000	3876261.00000	1.4304350e-04	786.30	786.30	1.20	PERIOD
CARTGRID	00043872	COURSE				



445733.00000	3876261.00000	1.2889110e-04	782.20	782.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
430733.00000	3876761.00000	4.1119010e-05	718.40	718.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
431233.00000	3876761.00000	3.9373510e-05	720.00	720.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
431733.00000	3876761.00000	3.7820780e-05	721.10	721.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
432233.00000	3876761.00000	3.7522850e-05	722.00	722.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
432733.00000	3876761.00000	3.9595460e-05	723.90	723.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
433233.00000	3876761.00000	4.4634540e-05	725.10	725.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
433733.00000	3876761.00000	5.1411050e-05	727.20	727.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
434233.00000	3876761.00000	5.6066320e-05	728.40	728.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
434733.00000	3876761.00000	5.8029360e-05	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
435233.00000	3876761.00000	6.2286280e-05	728.60	728.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
435733.00000	3876761.00000	7.1136640e-05	730.90	730.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
436233.00000	3876761.00000	8.1819290e-05	734.30	734.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
436733.00000	3876761.00000	9.8632890e-05	737.10	737.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
437233.00000	3876761.00000	1.2779580e-04	746.60	746.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
437733.00000	3876761.00000	1.5333270e-04	750.90	750.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
438233.00000	3876761.00000	1.8067990e-04	746.40	746.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
438733.00000	3876761.00000	2.1866030e-04	749.80	749.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
439233.00000	3876761.00000	2.4830610e-04	756.10	756.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
439733.00000	3876761.00000	2.9011560e-04	763.40	763.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
440233.00000	3876761.00000	2.9824810e-04	774.20	774.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
440733.00000	3876761.00000	3.0546740e-04	769.30	769.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
441233.00000	3876761.00000	3.0912280e-04	768.10	768.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
441733.00000	3876761.00000	2.4402350e-04	770.50	770.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
442233.00000	3876761.00000	2.0061170e-04	773.50	773.50	1.20	PERIOD
CARTGRID	00043872	COURSE				

442733.00000	3876761.00000	1.9613490e-04	776.40	776.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
443233.00000	3876761.00000	1.6145380e-04	780.90	780.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
443733.00000	3876761.00000	1.4005190e-04	785.90	785.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
444233.00000	3876761.00000	1.4258860e-04	785.80	785.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
444733.00000	3876761.00000	1.4456250e-04	783.30	783.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
445233.00000	3876761.00000	1.3285640e-04	786.30	786.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
445733.00000	3876761.00000	1.1713340e-04	786.10	786.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
430733.00000	3877261.00000	3.3188590e-05	720.50	720.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
431233.00000	3877261.00000	3.2868210e-05	722.10	722.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
431733.00000	3877261.00000	3.4182140e-05	723.60	723.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
432233.00000	3877261.00000	3.7696530e-05	724.20	724.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
432733.00000	3877261.00000	4.3423800e-05	725.40	725.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
433233.00000	3877261.00000	4.9021180e-05	727.40	727.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
433733.00000	3877261.00000	5.1653350e-05	729.20	729.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
434233.00000	3877261.00000	5.2759640e-05	731.50	731.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
434733.00000	3877261.00000	5.6318110e-05	732.30	732.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
435233.00000	3877261.00000	6.3682480e-05	732.40	732.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
435733.00000	3877261.00000	7.2892130e-05	733.50	733.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
436233.00000	3877261.00000	8.5435790e-05	736.20	736.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
436733.00000	3877261.00000	1.0637370e-04	738.80	738.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
437233.00000	3877261.00000	1.2624440e-04	737.60	737.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
437733.00000	3877261.00000	1.5206650e-04	749.00	749.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
438233.00000	3877261.00000	1.8081370e-04	749.60	749.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
438733.00000	3877261.00000	2.0624490e-04	753.70	753.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
439233.00000	3877261.00000	2.2995930e-04	757.30	757.30	1.20	PERIOD
CARTGRID	00043872	COURSE				

439733.00000	3877261.00000	2.6700150e-04	762.80	762.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
440233.00000	3877261.00000	2.6578640e-04	765.40	765.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
440733.00000	3877261.00000	2.7371390e-04	774.30	774.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
441233.00000	3877261.00000	2.7321460e-04	775.60	775.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
441733.00000	3877261.00000	2.1169070e-04	775.20	775.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
442233.00000	3877261.00000	1.7202980e-04	778.70	778.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
442733.00000	3877261.00000	1.6818260e-04	783.50	783.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
443233.00000	3877261.00000	1.4100660e-04	789.40	789.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
443733.00000	3877261.00000	1.1458430e-04	794.50	794.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
444233.00000	3877261.00000	1.1330550e-04	795.90	795.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
444733.00000	3877261.00000	1.2274950e-04	789.40	789.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
445233.00000	3877261.00000	1.1634360e-04	790.70	790.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
445733.00000	3877261.00000	1.0654650e-04	791.70	791.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
430733.00000	3877761.00000	3.0066790e-05	723.00	723.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
431233.00000	3877761.00000	3.2625900e-05	725.50	725.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
431733.00000	3877761.00000	3.7078580e-05	726.30	726.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
432233.00000	3877761.00000	4.2482700e-05	726.50	726.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
432733.00000	3877761.00000	4.6381960e-05	727.60	727.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
433233.00000	3877761.00000	4.7301840e-05	729.00	729.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
433733.00000	3877761.00000	4.7872430e-05	732.50	732.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
434233.00000	3877761.00000	5.1023760e-05	733.40	733.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
434733.00000	3877761.00000	5.7644000e-05	733.30	733.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
435233.00000	3877761.00000	6.5925330e-05	733.30	733.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
435733.00000	3877761.00000	7.5508270e-05	735.90	735.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
436233.00000	3877761.00000	9.2058060e-05	740.40	740.40	1.20	PERIOD
CARTGRID	00043872	COURSE				

436733.00000	3877761.00000	1.0046240e-04	680.00	795.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
437233.00000	3877761.00000	1.1345450e-04	616.00	797.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
437733.00000	3877761.00000	1.3572040e-04	666.00	780.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
438233.00000	3877761.00000	1.7642710e-04	752.90	752.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
438733.00000	3877761.00000	1.9071730e-04	755.90	755.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
439233.00000	3877761.00000	2.1805260e-04	762.00	762.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
439733.00000	3877761.00000	2.4681220e-04	766.00	766.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
440233.00000	3877761.00000	2.3883940e-04	773.40	773.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
440733.00000	3877761.00000	2.4377920e-04	782.90	782.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
441233.00000	3877761.00000	2.4049840e-04	781.00	781.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
441733.00000	3877761.00000	1.8183780e-04	781.40	781.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
442233.00000	3877761.00000	1.4669950e-04	787.60	787.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
442733.00000	3877761.00000	1.3819180e-04	794.30	794.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
443233.00000	3877761.00000	1.1252780e-04	802.10	802.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
443733.00000	3877761.00000	9.2921390e-05	804.30	804.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
444233.00000	3877761.00000	8.8118960e-05	805.20	805.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
444733.00000	3877761.00000	1.0087360e-04	798.30	798.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
445233.00000	3877761.00000	9.9642520e-05	798.20	798.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
445733.00000	3877761.00000	9.3218320e-05	796.70	796.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
430733.00000	3878261.00000	3.1916810e-05	725.30	725.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
431233.00000	3878261.00000	3.6838850e-05	728.10	728.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
431733.00000	3878261.00000	4.1535490e-05	730.00	730.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
432233.00000	3878261.00000	4.3616570e-05	729.30	729.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
432733.00000	3878261.00000	4.3293630e-05	730.00	730.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
433233.00000	3878261.00000	4.3375040e-05	731.30	731.30	1.20	PERIOD
CARTGRID	00043872	COURSE				

433733.00000	3878261.00000	4.6504390e-05	734.00	734.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
434233.00000	3878261.00000	5.2957240e-05	735.70	735.70	1.20	PERIOD
CARTGRID 00043872 COURSE						
434733.00000	3878261.00000	6.0663980e-05	736.40	736.40	1.20	PERIOD
CARTGRID 00043872 COURSE						
435233.00000	3878261.00000	7.0174900e-05	753.10	753.10	1.20	PERIOD
CARTGRID 00043872 COURSE						
435733.00000	3878261.00000	8.1748810e-05	748.40	764.70	1.20	PERIOD
CARTGRID 00043872 COURSE						
436233.00000	3878261.00000	9.9890760e-05	771.60	771.60	1.20	PERIOD
CARTGRID 00043872 COURSE						
436733.00000	3878261.00000	1.1412430e-04	749.70	749.70	1.20	PERIOD
CARTGRID 00043872 COURSE						
437233.00000	3878261.00000	1.2550820e-04	727.00	788.20	1.20	PERIOD
CARTGRID 00043872 COURSE						
437733.00000	3878261.00000	1.4298880e-04	731.70	774.20	1.20	PERIOD
CARTGRID 00043872 COURSE						
438233.00000	3878261.00000	1.6804170e-04	756.20	756.20	1.20	PERIOD
CARTGRID 00043872 COURSE						
438733.00000	3878261.00000	1.7836300e-04	761.40	761.40	1.20	PERIOD
CARTGRID 00043872 COURSE						
439233.00000	3878261.00000	2.0860250e-04	766.60	789.40	1.20	PERIOD
CARTGRID 00043872 COURSE						
439733.00000	3878261.00000	2.2505700e-04	770.80	770.80	1.20	PERIOD
CARTGRID 00043872 COURSE						
440233.00000	3878261.00000	2.1795070e-04	773.80	773.80	1.20	PERIOD
CARTGRID 00043872 COURSE						
440733.00000	3878261.00000	2.2612160e-04	779.30	779.30	1.20	PERIOD
CARTGRID 00043872 COURSE						
441233.00000	3878261.00000	2.1100800e-04	785.40	785.40	1.20	PERIOD
CARTGRID 00043872 COURSE						
441733.00000	3878261.00000	1.5407750e-04	790.30	790.30	1.20	PERIOD
CARTGRID 00043872 COURSE						
442233.00000	3878261.00000	1.2551810e-04	795.20	795.20	1.20	PERIOD
CARTGRID 00043872 COURSE						
442733.00000	3878261.00000	1.1039870e-04	804.40	804.40	1.20	PERIOD
CARTGRID 00043872 COURSE						
443233.00000	3878261.00000	8.0674280e-05	820.00	820.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
443733.00000	3878261.00000	7.9940140e-05	810.70	810.70	1.20	PERIOD
CARTGRID 00043872 COURSE						
444233.00000	3878261.00000	7.3208590e-05	814.00	814.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
444733.00000	3878261.00000	7.9087200e-05	808.00	808.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
445233.00000	3878261.00000	8.5126720e-05	805.10	805.10	1.20	PERIOD
CARTGRID 00043872 COURSE						
445733.00000	3878261.00000	8.3858610e-05	801.00	801.00	1.20	PERIOD
CARTGRID 00043872 COURSE						

430733.00000	3878761.00000	3.6255170e-05	725.80	750.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
431233.00000	3878761.00000	3.9871590e-05	729.60	729.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
431733.00000	3878761.00000	4.0757540e-05	732.10	732.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
432233.00000	3878761.00000	3.9683890e-05	732.60	732.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
432733.00000	3878761.00000	3.9670470e-05	732.60	732.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
433233.00000	3878761.00000	4.2742950e-05	734.30	753.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
433733.00000	3878761.00000	4.8673330e-05	734.30	734.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
434233.00000	3878761.00000	5.6019730e-05	737.60	737.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
434733.00000	3878761.00000	6.1781100e-05	737.60	737.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
435233.00000	3878761.00000	7.1166640e-05	740.70	765.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
435733.00000	3878761.00000	8.7036970e-05	761.90	761.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
436233.00000	3878761.00000	1.0110000e-04	778.00	795.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
436733.00000	3878761.00000	1.2018320e-04	774.00	795.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
437233.00000	3878761.00000	1.3071430e-04	778.10	780.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
437733.00000	3878761.00000	1.4949050e-04	768.80	777.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
438233.00000	3878761.00000	1.5792180e-04	761.40	761.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
438733.00000	3878761.00000	1.6907870e-04	767.50	767.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
439233.00000	3878761.00000	1.9713800e-04	774.20	774.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
439733.00000	3878761.00000	2.0240900e-04	776.00	776.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
440233.00000	3878761.00000	1.9811720e-04	780.80	780.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
440733.00000	3878761.00000	2.0454750e-04	785.60	785.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
441233.00000	3878761.00000	1.8308360e-04	789.90	789.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
441733.00000	3878761.00000	1.3403210e-04	795.40	795.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
442233.00000	3878761.00000	1.0441680e-04	804.40	935.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
442733.00000	3878761.00000	7.8604320e-05	825.40	935.70	1.20	PERIOD
CARTGRID	00043872	COURSE				

443233.00000	3878761.00000	6.5300580e-05	835.30	935.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
443733.00000	3878761.00000	7.2109120e-05	814.00	935.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
444233.00000	3878761.00000	6.5787970e-05	818.80	818.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
444733.00000	3878761.00000	6.3834010e-05	816.90	816.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
445233.00000	3878761.00000	6.8473050e-05	813.90	813.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
445733.00000	3878761.00000	7.4887100e-05	807.50	807.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
430733.00000	3879261.00000	3.7952440e-05	730.50	730.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
431233.00000	3879261.00000	3.8538360e-05	744.90	798.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
431733.00000	3879261.00000	3.6976150e-05	743.90	762.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
432233.00000	3879261.00000	3.6579240e-05	734.60	734.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
432733.00000	3879261.00000	3.9666990e-05	734.90	734.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
433233.00000	3879261.00000	4.5506860e-05	737.10	737.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
433733.00000	3879261.00000	5.2775020e-05	746.00	753.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
434233.00000	3879261.00000	5.6773660e-05	738.90	738.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
434733.00000	3879261.00000	6.3744410e-05	741.00	741.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
435233.00000	3879261.00000	7.4331580e-05	740.90	740.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
435733.00000	3879261.00000	8.7077410e-05	743.80	767.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
436233.00000	3879261.00000	1.0568980e-04	778.00	778.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
436733.00000	3879261.00000	1.1474210e-04	789.80	789.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
437233.00000	3879261.00000	1.2108950e-04	792.10	792.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
437733.00000	3879261.00000	1.4215850e-04	762.50	783.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
438233.00000	3879261.00000	1.4767730e-04	771.20	779.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
438733.00000	3879261.00000	1.6338890e-04	768.70	768.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
439233.00000	3879261.00000	1.8471730e-04	774.40	774.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
439733.00000	3879261.00000	1.8154780e-04	780.20	780.20	1.20	PERIOD
CARTGRID	00043872	COURSE				

440233.00000	3879261.00000	1.8279940e-04	786.50	786.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
440733.00000	3879261.00000	1.8301080e-04	791.90	791.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
441233.00000	3879261.00000	1.5264910e-04	797.90	797.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
441733.00000	3879261.00000	1.1572900e-04	802.40	802.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
442233.00000	3879261.00000	8.5287790e-05	817.70	939.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
442733.00000	3879261.00000	6.6747820e-05	840.80	939.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
443233.00000	3879261.00000	6.6225690e-05	829.40	939.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
443733.00000	3879261.00000	6.2271500e-05	822.70	939.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
444233.00000	3879261.00000	5.6153230e-05	829.20	829.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
444733.00000	3879261.00000	5.5514460e-05	823.90	823.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
445233.00000	3879261.00000	5.8557350e-05	818.10	818.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
445733.00000	3879261.00000	6.3416320e-05	814.30	814.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
430733.00000	3879761.00000	3.5318890e-05	744.00	744.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
431233.00000	3879761.00000	3.3742210e-05	779.70	798.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
431733.00000	3879761.00000	3.4765090e-05	750.30	798.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
432233.00000	3879761.00000	3.7221550e-05	737.30	737.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
432733.00000	3879761.00000	4.2622390e-05	737.90	737.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
433233.00000	3879761.00000	4.8504440e-05	739.30	739.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
433733.00000	3879761.00000	5.2840470e-05	743.20	743.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
434233.00000	3879761.00000	5.7867420e-05	743.10	743.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
434733.00000	3879761.00000	6.7401550e-05	749.90	779.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
435233.00000	3879761.00000	7.7417500e-05	743.40	743.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
435733.00000	3879761.00000	9.1165650e-05	746.10	746.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
436233.00000	3879761.00000	1.0596100e-04	755.60	772.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
436733.00000	3879761.00000	1.1380710e-04	757.60	789.40	1.20	PERIOD
CARTGRID	00043872	COURSE				



437233.00000	3879761.00000	1.2434580e-04	755.90	783.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
437733.00000	3879761.00000	1.3359100e-04	759.70	759.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
438233.00000	3879761.00000	1.3996630e-04	765.40	765.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
438733.00000	3879761.00000	1.5821820e-04	771.40	771.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
439233.00000	3879761.00000	1.7114390e-04	775.90	775.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
439733.00000	3879761.00000	1.6682250e-04	782.20	782.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
440233.00000	3879761.00000	1.7153130e-04	788.80	788.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
440733.00000	3879761.00000	1.6635100e-04	795.40	795.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
441233.00000	3879761.00000	1.3335150e-04	802.10	802.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
441733.00000	3879761.00000	1.0324190e-04	807.40	807.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
442233.00000	3879761.00000	7.5927910e-05	825.10	939.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
442733.00000	3879761.00000	5.9417910e-05	855.30	939.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
443233.00000	3879761.00000	4.9241150e-05	882.50	939.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
443733.00000	3879761.00000	5.4493160e-05	831.70	939.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
444233.00000	3879761.00000	4.7782090e-05	841.70	841.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
444733.00000	3879761.00000	4.9472500e-05	833.10	833.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
445233.00000	3879761.00000	4.9495000e-05	828.40	828.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
445733.00000	3879761.00000	5.3102390e-05	820.70	820.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
439957.60000	3872557.00000	1.1064360e-02	755.00	755.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440007.60000	3872557.00000	1.2604740e-02	755.60	755.60	1.20	PERIOD
CARTGRID	00043872	BORON				
440057.60000	3872557.00000	1.3561970e-02	756.00	756.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440107.60000	3872557.00000	1.4114930e-02	756.00	756.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440157.60000	3872557.00000	1.4474230e-02	756.00	756.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440207.60000	3872557.00000	1.4709700e-02	756.00	756.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440257.60000	3872557.00000	1.4851960e-02	756.00	756.00	1.20	PERIOD
CARTGRID	00043872	BORON				

440307.60000	3872557.00000	1.4924470e-02	756.00	756.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440357.60000	3872557.00000	1.4956160e-02	756.10	756.10	1.20	PERIOD
CARTGRID	00043872	BORON				
440407.60000	3872557.00000	1.4943110e-02	756.30	756.30	1.20	PERIOD
CARTGRID	00043872	BORON				
440457.60000	3872557.00000	1.4905320e-02	757.00	757.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440507.60000	3872557.00000	1.4684530e-02	757.10	757.10	1.20	PERIOD
CARTGRID	00043872	BORON				
440557.60000	3872557.00000	1.4303010e-02	757.30	757.30	1.20	PERIOD
CARTGRID	00043872	BORON				
440607.60000	3872557.00000	1.3536870e-02	757.30	757.30	1.20	PERIOD
CARTGRID	00043872	BORON				
440657.60000	3872557.00000	1.1931230e-02	757.30	757.30	1.20	PERIOD
CARTGRID	00043872	BORON				
440707.60000	3872557.00000	8.8630650e-03	757.30	757.30	1.20	PERIOD
CARTGRID	00043872	BORON				
440757.60000	3872557.00000	6.4797140e-03	757.30	757.30	1.20	PERIOD
CARTGRID	00043872	BORON				
440807.60000	3872557.00000	5.0894030e-03	757.50	757.50	1.20	PERIOD
CARTGRID	00043872	BORON				
440857.60000	3872557.00000	4.2492200e-03	758.00	758.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440907.60000	3872557.00000	3.7229440e-03	758.00	758.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440957.60000	3872557.00000	3.3999580e-03	758.00	758.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441007.60000	3872557.00000	3.2155710e-03	758.00	758.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441057.60000	3872557.00000	3.1349200e-03	758.00	758.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441107.60000	3872557.00000	3.1390240e-03	758.10	758.10	1.20	PERIOD
CARTGRID	00043872	BORON				
441157.60000	3872557.00000	3.2183980e-03	758.30	758.30	1.20	PERIOD
CARTGRID	00043872	BORON				
441207.60000	3872557.00000	3.3713370e-03	759.00	759.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441257.60000	3872557.00000	3.5741000e-03	759.00	759.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441307.60000	3872557.00000	3.8031260e-03	759.00	759.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441357.60000	3872557.00000	4.0879450e-03	759.20	759.20	1.20	PERIOD
CARTGRID	00043872	BORON				
441407.60000	3872557.00000	4.4849770e-03	759.50	759.50	1.20	PERIOD
CARTGRID	00043872	BORON				
441457.60000	3872557.00000	5.0469240e-03	760.00	760.00	1.20	PERIOD
CARTGRID	00043872	BORON				
439957.60000	3872607.00000	1.3935660e-02	754.00	754.00	1.20	PERIOD
CARTGRID	00043872	BORON				

440007.60000	3872607.00000	1.5830700e-02	754.80	754.80	1.20	PERIOD
CARTGRID	00043872	BORON				
440057.60000	3872607.00000	1.7071180e-02	755.20	755.20	1.20	PERIOD
CARTGRID	00043872	BORON				
440107.60000	3872607.00000	1.8123520e-02	755.60	755.60	1.20	PERIOD
CARTGRID	00043872	BORON				
440157.60000	3872607.00000	1.8566750e-02	755.60	755.60	1.20	PERIOD
CARTGRID	00043872	BORON				
440207.60000	3872607.00000	1.8271930e-02	755.00	755.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440257.60000	3872607.00000	1.9095080e-02	755.60	755.60	1.20	PERIOD
CARTGRID	00043872	BORON				
440307.60000	3872607.00000	1.9237150e-02	755.60	755.60	1.20	PERIOD
CARTGRID	00043872	BORON				
440357.60000	3872607.00000	1.9435590e-02	755.70	755.70	1.20	PERIOD
CARTGRID	00043872	BORON				
440407.60000	3872607.00000	1.9581070e-02	756.00	756.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440457.60000	3872607.00000	1.9571000e-02	756.40	756.40	1.20	PERIOD
CARTGRID	00043872	BORON				
440507.60000	3872607.00000	1.9413630e-02	756.60	756.60	1.20	PERIOD
CARTGRID	00043872	BORON				
440557.60000	3872607.00000	1.9023870e-02	756.60	756.60	1.20	PERIOD
CARTGRID	00043872	BORON				
440607.60000	3872607.00000	1.8272060e-02	756.60	756.60	1.20	PERIOD
CARTGRID	00043872	BORON				
440657.60000	3872607.00000	1.6504730e-02	756.60	756.60	1.20	PERIOD
CARTGRID	00043872	BORON				
440707.60000	3872607.00000	1.0534180e-02	756.60	756.60	1.20	PERIOD
CARTGRID	00043872	BORON				
440757.60000	3872607.00000	6.4432930e-03	756.60	756.60	1.20	PERIOD
CARTGRID	00043872	BORON				
440807.60000	3872607.00000	5.0177700e-03	757.00	757.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440857.60000	3872607.00000	4.1979220e-03	757.00	757.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440907.60000	3872607.00000	3.6790010e-03	757.00	757.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440957.60000	3872607.00000	3.3485800e-03	757.20	757.20	1.20	PERIOD
CARTGRID	00043872	BORON				
441007.60000	3872607.00000	3.1470660e-03	757.60	757.60	1.20	PERIOD
CARTGRID	00043872	BORON				
441057.60000	3872607.00000	3.0389680e-03	757.80	757.80	1.20	PERIOD
CARTGRID	00043872	BORON				
441107.60000	3872607.00000	3.0076430e-03	758.00	758.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441157.60000	3872607.00000	3.0436050e-03	758.00	758.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441207.60000	3872607.00000	3.1430170e-03	758.00	758.00	1.20	PERIOD
CARTGRID	00043872	BORON				

441257.60000	3872607.00000	3.2914730e-03	758.00	758.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441307.60000	3872607.00000	3.4714160e-03	758.60	758.60	1.20	PERIOD
CARTGRID	00043872	BORON				
441357.60000	3872607.00000	3.6912120e-03	758.60	758.60	1.20	PERIOD
CARTGRID	00043872	BORON				
441407.60000	3872607.00000	3.9878690e-03	759.00	759.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441457.60000	3872607.00000	4.3676010e-03	759.60	759.60	1.20	PERIOD
CARTGRID	00043872	BORON				
439957.60000	3872657.00000	1.5252040e-02	753.90	753.90	1.20	PERIOD
CARTGRID	00043872	BORON				
440007.60000	3872657.00000	1.6784980e-02	754.00	754.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440057.60000	3872657.00000	1.7636290e-02	754.00	754.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440107.60000	3872657.00000	1.8845610e-02	754.90	754.90	1.20	PERIOD
CARTGRID	00043872	BORON				
440157.60000	3872657.00000	1.9254370e-02	754.90	754.90	1.20	PERIOD
CARTGRID	00043872	BORON				
440207.60000	3872657.00000	1.9550030e-02	754.90	754.90	1.20	PERIOD
CARTGRID	00043872	BORON				
440257.60000	3872657.00000	1.9761850e-02	754.90	754.90	1.20	PERIOD
CARTGRID	00043872	BORON				
440307.60000	3872657.00000	1.9987800e-02	755.00	755.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440357.60000	3872657.00000	2.0044430e-02	755.00	755.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440407.60000	3872657.00000	2.0901120e-02	755.90	755.90	1.20	PERIOD
CARTGRID	00043872	BORON				
440457.60000	3872657.00000	2.0706260e-02	756.00	756.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440507.60000	3872657.00000	2.0307270e-02	756.00	756.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440557.60000	3872657.00000	1.9796060e-02	756.00	756.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440607.60000	3872657.00000	1.8994540e-02	756.00	756.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440657.60000	3872657.00000	1.7202380e-02	756.00	756.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440707.60000	3872657.00000	1.1005790e-02	756.00	756.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440757.60000	3872657.00000	6.3350290e-03	756.00	756.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440807.60000	3872657.00000	4.8268600e-03	756.00	756.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440857.60000	3872657.00000	4.0552910e-03	756.00	756.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440907.60000	3872657.00000	3.5748020e-03	756.00	756.00	1.20	PERIOD
CARTGRID	00043872	BORON				

440957.60000	3872657.00000	3.2633430e-03	756.90	756.90	1.20	PERIOD
CARTGRID	00043872	BORON				
441007.60000	3872657.00000	3.0554530e-03	757.00	757.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441057.60000	3872657.00000	2.9310810e-03	757.00	757.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441107.60000	3872657.00000	2.8762420e-03	757.00	757.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441157.60000	3872657.00000	2.8887370e-03	757.90	757.90	1.20	PERIOD
CARTGRID	00043872	BORON				
441207.60000	3872657.00000	2.9542490e-03	757.90	757.90	1.20	PERIOD
CARTGRID	00043872	BORON				
441257.60000	3872657.00000	3.0634730e-03	758.00	758.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441307.60000	3872657.00000	3.1962680e-03	758.00	758.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441357.60000	3872657.00000	3.3632700e-03	758.00	758.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441407.60000	3872657.00000	3.5820350e-03	758.20	758.20	1.20	PERIOD
CARTGRID	00043872	BORON				
441457.60000	3872657.00000	3.8510070e-03	759.00	759.00	1.20	PERIOD
CARTGRID	00043872	BORON				
439957.60000	3872707.00000	1.3500480e-02	753.00	753.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440007.60000	3872707.00000	1.4988960e-02	753.30	753.30	1.20	PERIOD
CARTGRID	00043872	BORON				
440057.60000	3872707.00000	1.5880440e-02	753.50	753.50	1.20	PERIOD
CARTGRID	00043872	BORON				
440107.60000	3872707.00000	1.6675950e-02	754.00	754.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440157.60000	3872707.00000	1.7074190e-02	754.00	754.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440207.60000	3872707.00000	1.7368800e-02	754.00	754.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440257.60000	3872707.00000	1.7582020e-02	754.00	754.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440307.60000	3872707.00000	1.7894600e-02	754.30	754.30	1.20	PERIOD
CARTGRID	00043872	BORON				
440357.60000	3872707.00000	1.8438190e-02	755.00	755.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440407.60000	3872707.00000	1.8378980e-02	755.00	755.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440457.60000	3872707.00000	1.8239700e-02	755.30	755.30	1.20	PERIOD
CARTGRID	00043872	BORON				
440507.60000	3872707.00000	1.6347060e-02	755.30	755.30	1.20	PERIOD
CARTGRID	00043872	BORON				
440557.60000	3872707.00000	1.4415650e-02	755.30	755.30	1.20	PERIOD
CARTGRID	00043872	BORON				
440607.60000	3872707.00000	1.3461280e-02	755.30	755.30	1.20	PERIOD
CARTGRID	00043872	BORON				

440657.60000	3872707.00000	1.2012010e-02	755.30	755.30	1.20	PERIOD
CARTGRID	00043872	BORON				
440707.60000	3872707.00000	8.4869170e-03	755.30	755.30	1.20	PERIOD
CARTGRID	00043872	BORON				
440757.60000	3872707.00000	5.7676190e-03	755.70	755.70	1.20	PERIOD
CARTGRID	00043872	BORON				
440807.60000	3872707.00000	4.5320280e-03	756.00	756.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440857.60000	3872707.00000	3.8474200e-03	756.00	756.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440907.60000	3872707.00000	3.4147540e-03	756.00	756.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440957.60000	3872707.00000	3.1251210e-03	756.00	756.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441007.60000	3872707.00000	2.9327860e-03	756.30	756.30	1.20	PERIOD
CARTGRID	00043872	BORON				
441057.60000	3872707.00000	2.8102640e-03	756.30	756.30	1.20	PERIOD
CARTGRID	00043872	BORON				
441107.60000	3872707.00000	2.7515880e-03	757.00	757.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441157.60000	3872707.00000	2.7434690e-03	757.00	757.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441207.60000	3872707.00000	2.7859480e-03	757.00	757.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441257.60000	3872707.00000	2.8643050e-03	757.10	757.10	1.20	PERIOD
CARTGRID	00043872	BORON				
441307.60000	3872707.00000	2.9635270e-03	757.30	757.30	1.20	PERIOD
CARTGRID	00043872	BORON				
441357.60000	3872707.00000	3.0910330e-03	757.70	757.70	1.20	PERIOD
CARTGRID	00043872	BORON				
441407.60000	3872707.00000	3.2550360e-03	758.00	758.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441457.60000	3872707.00000	3.4470270e-03	758.30	758.30	1.20	PERIOD
CARTGRID	00043872	BORON				
439957.60000	3872757.00000	7.1172640e-03	752.60	752.60	1.20	PERIOD
CARTGRID	00043872	BORON				
440007.60000	3872757.00000	8.1520080e-03	752.60	752.60	1.20	PERIOD
CARTGRID	00043872	BORON				
440057.60000	3872757.00000	8.9059840e-03	753.00	753.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440107.60000	3872757.00000	9.4030710e-03	753.00	753.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440157.60000	3872757.00000	9.8492020e-03	753.40	753.40	1.20	PERIOD
CARTGRID	00043872	BORON				
440207.60000	3872757.00000	1.0174200e-02	753.60	753.60	1.20	PERIOD
CARTGRID	00043872	BORON				
440257.60000	3872757.00000	1.0466130e-02	754.00	754.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440307.60000	3872757.00000	1.0624080e-02	754.00	754.00	1.20	PERIOD
CARTGRID	00043872	BORON				

440357.60000	3872757.00000	1.0715290e-02	754.00	754.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440407.60000	3872757.00000	1.0712560e-02	754.00	754.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440457.60000	3872757.00000	1.0585680e-02	754.60	754.60	1.20	PERIOD
CARTGRID	00043872	BORON				
440507.60000	3872757.00000	9.5409680e-03	754.60	754.60	1.20	PERIOD
CARTGRID	00043872	BORON				
440557.60000	3872757.00000	8.5123480e-03	754.60	754.60	1.20	PERIOD
CARTGRID	00043872	BORON				
440607.60000	3872757.00000	7.7963310e-03	754.60	754.60	1.20	PERIOD
CARTGRID	00043872	BORON				
440657.60000	3872757.00000	6.9665350e-03	755.00	755.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440707.60000	3872757.00000	5.8272380e-03	755.00	755.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440757.60000	3872757.00000	4.8789180e-03	755.00	755.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440807.60000	3872757.00000	4.1272850e-03	755.00	755.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440857.60000	3872757.00000	3.5975480e-03	755.00	755.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440907.60000	3872757.00000	3.2343380e-03	755.40	755.40	1.20	PERIOD
CARTGRID	00043872	BORON				
440957.60000	3872757.00000	2.9793140e-03	755.70	755.70	1.20	PERIOD
CARTGRID	00043872	BORON				
441007.60000	3872757.00000	2.8046770e-03	756.00	756.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441057.60000	3872757.00000	2.6904840e-03	756.00	756.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441107.60000	3872757.00000	2.6278950e-03	756.00	756.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441157.60000	3872757.00000	2.6121540e-03	756.00	756.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441207.60000	3872757.00000	2.6417930e-03	756.60	756.60	1.20	PERIOD
CARTGRID	00043872	BORON				
441257.60000	3872757.00000	2.6962100e-03	756.60	756.60	1.20	PERIOD
CARTGRID	00043872	BORON				
441307.60000	3872757.00000	2.7671630e-03	756.60	756.60	1.20	PERIOD
CARTGRID	00043872	BORON				
441357.60000	3872757.00000	2.8616960e-03	757.00	757.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441407.60000	3872757.00000	2.9857750e-03	757.60	757.60	1.20	PERIOD
CARTGRID	00043872	BORON				
441457.60000	3872757.00000	3.1283610e-03	758.00	758.00	1.20	PERIOD
CARTGRID	00043872	BORON				
439957.60000	3872807.00000	4.3697130e-03	752.00	752.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440007.60000	3872807.00000	4.9927130e-03	752.00	752.00	1.20	PERIOD
CARTGRID	00043872	BORON				

440057.60000	3872807.00000	5.5016980e-03	752.00	752.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440107.60000	3872807.00000	5.9019200e-03	752.00	752.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440157.60000	3872807.00000	6.2689210e-03	752.90	752.90	1.20	PERIOD
CARTGRID	00043872	BORON				
440207.60000	3872807.00000	6.5201480e-03	753.00	753.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440257.60000	3872807.00000	6.7056900e-03	753.00	753.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440307.60000	3872807.00000	6.8788940e-03	753.60	753.60	1.20	PERIOD
CARTGRID	00043872	BORON				
440357.60000	3872807.00000	6.9789910e-03	753.90	753.90	1.20	PERIOD
CARTGRID	00043872	BORON				
440407.60000	3872807.00000	6.9812620e-03	753.90	753.90	1.20	PERIOD
CARTGRID	00043872	BORON				
440457.60000	3872807.00000	6.8513790e-03	754.00	754.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440507.60000	3872807.00000	6.5333640e-03	754.00	754.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440557.60000	3872807.00000	6.1612280e-03	754.00	754.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440607.60000	3872807.00000	5.7060430e-03	754.00	754.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440657.60000	3872807.00000	5.1506020e-03	754.00	754.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440707.60000	3872807.00000	4.5653820e-03	754.00	754.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440757.60000	3872807.00000	4.0929210e-03	754.00	754.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440807.60000	3872807.00000	3.6815500e-03	754.20	754.20	1.20	PERIOD
CARTGRID	00043872	BORON				
440857.60000	3872807.00000	3.3364590e-03	754.90	754.90	1.20	PERIOD
CARTGRID	00043872	BORON				
440907.60000	3872807.00000	3.0550160e-03	755.00	755.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440957.60000	3872807.00000	2.8390540e-03	755.00	755.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441007.60000	3872807.00000	2.6821530e-03	755.00	755.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441057.60000	3872807.00000	2.5805950e-03	755.60	755.60	1.20	PERIOD
CARTGRID	00043872	BORON				
441107.60000	3872807.00000	2.5219830e-03	756.00	756.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441157.60000	3872807.00000	2.5017620e-03	756.00	756.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441207.60000	3872807.00000	2.5165080e-03	756.00	756.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441257.60000	3872807.00000	2.5528730e-03	756.00	756.00	1.20	PERIOD
CARTGRID	00043872	BORON				



441307.60000	3872807.00000	2.6027160e-03	756.00	756.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441357.60000	3872807.00000	2.6693730e-03	756.00	756.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441407.60000	3872807.00000	2.7628760e-03	756.90	756.90	1.20	PERIOD
CARTGRID	00043872	BORON				
441457.60000	3872807.00000	2.8662910e-03	757.00	757.00	1.20	PERIOD
CARTGRID	00043872	BORON				
439957.60000	3872857.00000	3.2302400e-03	751.30	751.30	1.20	PERIOD
CARTGRID	00043872	BORON				
440007.60000	3872857.00000	3.6080310e-03	751.30	751.30	1.20	PERIOD
CARTGRID	00043872	BORON				
440057.60000	3872857.00000	3.9780060e-03	752.00	752.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440107.60000	3872857.00000	4.2845140e-03	752.00	752.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440157.60000	3872857.00000	4.5453240e-03	752.00	752.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440207.60000	3872857.00000	4.7655460e-03	752.10	752.10	1.20	PERIOD
CARTGRID	00043872	BORON				
440257.60000	3872857.00000	4.9463450e-03	752.30	752.30	1.20	PERIOD
CARTGRID	00043872	BORON				
440307.60000	3872857.00000	5.1043370e-03	753.00	753.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440357.60000	3872857.00000	5.1826370e-03	753.00	753.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440407.60000	3872857.00000	5.1988210e-03	753.00	753.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440457.60000	3872857.00000	5.1445080e-03	753.30	753.30	1.20	PERIOD
CARTGRID	00043872	BORON				
440507.60000	3872857.00000	4.9933960e-03	753.30	753.30	1.20	PERIOD
CARTGRID	00043872	BORON				
440557.60000	3872857.00000	4.7948760e-03	753.30	753.30	1.20	PERIOD
CARTGRID	00043872	BORON				
440607.60000	3872857.00000	4.5336770e-03	753.70	753.70	1.20	PERIOD
CARTGRID	00043872	BORON				
440657.60000	3872857.00000	4.1849510e-03	754.00	754.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440707.60000	3872857.00000	3.8260010e-03	754.00	754.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440757.60000	3872857.00000	3.5353410e-03	754.00	754.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440807.60000	3872857.00000	3.2828810e-03	754.00	754.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440857.60000	3872857.00000	3.0545690e-03	754.00	754.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440907.60000	3872857.00000	2.8599440e-03	754.20	754.20	1.20	PERIOD
CARTGRID	00043872	BORON				
440957.60000	3872857.00000	2.6977850e-03	754.30	754.30	1.20	PERIOD
CARTGRID	00043872	BORON				

441007.60000	3872857.00000	2.5735540e-03	754.90	754.90	1.20	PERIOD
CARTGRID	00043872	BORON				
441057.60000	3872857.00000	2.4808420e-03	755.00	755.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441107.60000	3872857.00000	2.4237290e-03	755.10	755.10	1.20	PERIOD
CARTGRID	00043872	BORON				
441157.60000	3872857.00000	2.4017700e-03	755.30	755.30	1.20	PERIOD
CARTGRID	00043872	BORON				
441207.60000	3872857.00000	2.4072930e-03	755.30	755.30	1.20	PERIOD
CARTGRID	00043872	BORON				
441257.60000	3872857.00000	2.4297060e-03	755.30	755.30	1.20	PERIOD
CARTGRID	00043872	BORON				
441307.60000	3872857.00000	2.4663120e-03	755.90	755.90	1.20	PERIOD
CARTGRID	00043872	BORON				
441357.60000	3872857.00000	2.5131890e-03	756.00	756.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441407.60000	3872857.00000	2.5772430e-03	756.00	756.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441457.60000	3872857.00000	2.6533430e-03	756.30	756.30	1.20	PERIOD
CARTGRID	00043872	BORON				
439957.60000	3872907.00000	2.5978120e-03	751.00	751.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440007.60000	3872907.00000	2.8507570e-03	751.00	751.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440057.60000	3872907.00000	3.0944940e-03	751.00	751.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440107.60000	3872907.00000	3.3233030e-03	751.00	751.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440157.60000	3872907.00000	3.5464080e-03	751.60	751.60	1.20	PERIOD
CARTGRID	00043872	BORON				
440207.60000	3872907.00000	3.7334570e-03	751.70	751.70	1.20	PERIOD
CARTGRID	00043872	BORON				
440257.60000	3872907.00000	3.8961190e-03	752.00	752.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440307.60000	3872907.00000	4.0132830e-03	752.00	752.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440357.60000	3872907.00000	4.0943620e-03	752.20	752.20	1.20	PERIOD
CARTGRID	00043872	BORON				
440407.60000	3872907.00000	4.1339880e-03	752.60	752.60	1.20	PERIOD
CARTGRID	00043872	BORON				
440457.60000	3872907.00000	4.1102200e-03	752.80	752.80	1.20	PERIOD
CARTGRID	00043872	BORON				
440507.60000	3872907.00000	4.0345250e-03	753.00	753.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440557.60000	3872907.00000	3.9141410e-03	753.00	753.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440607.60000	3872907.00000	3.7397120e-03	753.00	753.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440657.60000	3872907.00000	3.5093810e-03	753.00	753.00	1.20	PERIOD
CARTGRID	00043872	BORON				

440707.60000	3872907.00000	3.2844500e-03	753.00	753.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440757.60000	3872907.00000	3.0992690e-03	753.00	753.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440807.60000	3872907.00000	2.9443930e-03	753.60	753.60	1.20	PERIOD
CARTGRID	00043872	BORON				
440857.60000	3872907.00000	2.7968320e-03	753.60	753.60	1.20	PERIOD
CARTGRID	00043872	BORON				
440907.60000	3872907.00000	2.6676930e-03	754.00	754.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440957.60000	3872907.00000	2.5525020e-03	754.00	754.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441007.60000	3872907.00000	2.4566810e-03	754.00	754.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441057.60000	3872907.00000	2.3820850e-03	754.00	754.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441107.60000	3872907.00000	2.3356050e-03	754.60	754.60	1.20	PERIOD
CARTGRID	00043872	BORON				
441157.60000	3872907.00000	2.3119730e-03	754.60	754.60	1.20	PERIOD
CARTGRID	00043872	BORON				
441207.60000	3872907.00000	2.3125790e-03	755.00	755.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441257.60000	3872907.00000	2.3244040e-03	755.00	755.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441307.60000	3872907.00000	2.3450000e-03	755.00	755.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441357.60000	3872907.00000	2.3773680e-03	755.40	755.40	1.20	PERIOD
CARTGRID	00043872	BORON				
441407.60000	3872907.00000	2.4254580e-03	756.00	756.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441457.60000	3872907.00000	2.4779840e-03	756.00	756.00	1.20	PERIOD
CARTGRID	00043872	BORON				
439957.60000	3872957.00000	2.1783360e-03	750.00	750.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440007.60000	3872957.00000	2.3635410e-03	750.00	750.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440057.60000	3872957.00000	2.5435280e-03	750.20	750.20	1.20	PERIOD
CARTGRID	00043872	BORON				
440107.60000	3872957.00000	2.7279980e-03	750.90	750.90	1.20	PERIOD
CARTGRID	00043872	BORON				
440157.60000	3872957.00000	2.8930910e-03	751.00	751.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440207.60000	3872957.00000	3.0413980e-03	751.00	751.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440257.60000	3872957.00000	3.1693280e-03	751.00	751.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440307.60000	3872957.00000	3.2920310e-03	751.90	751.90	1.20	PERIOD
CARTGRID	00043872	BORON				
440357.60000	3872957.00000	3.3642590e-03	752.00	752.00	1.20	PERIOD
CARTGRID	00043872	BORON				

440407.60000	3872957.00000	3.3975530e-03	752.00	752.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440457.60000	3872957.00000	3.3901700e-03	752.00	752.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440507.60000	3872957.00000	3.3473570e-03	752.00	752.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440557.60000	3872957.00000	3.2745780e-03	752.00	752.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440607.60000	3872957.00000	3.1618830e-03	752.00	752.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440657.60000	3872957.00000	3.0133460e-03	752.00	752.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440707.60000	3872957.00000	2.8848170e-03	752.90	752.90	1.20	PERIOD
CARTGRID	00043872	BORON				
440757.60000	3872957.00000	2.7653140e-03	752.90	752.90	1.20	PERIOD
CARTGRID	00043872	BORON				
440807.60000	3872957.00000	2.6585230e-03	753.00	753.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440857.60000	3872957.00000	2.5635140e-03	753.00	753.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440907.60000	3872957.00000	2.4770860e-03	753.00	753.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440957.60000	3872957.00000	2.4016340e-03	753.20	753.20	1.20	PERIOD
CARTGRID	00043872	BORON				
441007.60000	3872957.00000	2.3403060e-03	753.90	753.90	1.20	PERIOD
CARTGRID	00043872	BORON				
441057.60000	3872957.00000	2.2864050e-03	754.00	754.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441107.60000	3872957.00000	2.2476130e-03	754.00	754.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441157.60000	3872957.00000	2.2271350e-03	754.00	754.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441207.60000	3872957.00000	2.2220670e-03	754.00	754.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441257.60000	3872957.00000	2.2275540e-03	754.20	754.20	1.20	PERIOD
CARTGRID	00043872	BORON				
441307.60000	3872957.00000	2.2415300e-03	754.90	754.90	1.20	PERIOD
CARTGRID	00043872	BORON				
441357.60000	3872957.00000	2.2601170e-03	755.00	755.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441407.60000	3872957.00000	2.2954460e-03	756.00	756.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441457.60000	3872957.00000	2.3310430e-03	756.00	756.00	1.20	PERIOD
CARTGRID	00043872	BORON				
439957.60000	3873007.00000	1.8940670e-03	750.00	750.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440007.60000	3873007.00000	2.0387810e-03	750.00	750.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440057.60000	3873007.00000	2.1743390e-03	750.00	750.00	1.20	PERIOD
CARTGRID	00043872	BORON				

440107.60000	3873007.00000	2.3057300e-03	750.00	750.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440157.60000	3873007.00000	2.4349580e-03	750.20	750.20	1.20	PERIOD
CARTGRID	00043872	BORON				
440207.60000	3873007.00000	2.5566880e-03	750.50	750.50	1.20	PERIOD
CARTGRID	00043872	BORON				
440257.60000	3873007.00000	2.6687790e-03	751.00	751.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440307.60000	3873007.00000	2.7533660e-03	751.00	751.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440357.60000	3873007.00000	2.8218650e-03	751.30	751.30	1.20	PERIOD
CARTGRID	00043872	BORON				
440407.60000	3873007.00000	2.8705870e-03	751.90	751.90	1.20	PERIOD
CARTGRID	00043872	BORON				
440457.60000	3873007.00000	2.8792710e-03	752.00	752.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440507.60000	3873007.00000	2.8605770e-03	752.00	752.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440557.60000	3873007.00000	2.8172950e-03	752.00	752.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440607.60000	3873007.00000	2.7431280e-03	752.00	752.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440657.60000	3873007.00000	2.6456790e-03	752.00	752.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440707.60000	3873007.00000	2.5545850e-03	752.00	752.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440757.60000	3873007.00000	2.4799630e-03	752.00	752.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440807.60000	3873007.00000	2.4119800e-03	752.10	752.10	1.20	PERIOD
CARTGRID	00043872	BORON				
440857.60000	3873007.00000	2.3544960e-03	752.30	752.30	1.20	PERIOD
CARTGRID	00043872	BORON				
440907.60000	3873007.00000	2.3058020e-03	752.70	752.70	1.20	PERIOD
CARTGRID	00043872	BORON				
440957.60000	3873007.00000	2.2599560e-03	753.00	753.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441007.60000	3873007.00000	2.2166620e-03	753.00	753.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441057.60000	3873007.00000	2.1815650e-03	753.20	753.20	1.20	PERIOD
CARTGRID	00043872	BORON				
441107.60000	3873007.00000	2.1556230e-03	753.30	753.30	1.20	PERIOD
CARTGRID	00043872	BORON				
441157.60000	3873007.00000	2.1410460e-03	753.30	753.30	1.20	PERIOD
CARTGRID	00043872	BORON				
441207.60000	3873007.00000	2.1397840e-03	754.00	754.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441257.60000	3873007.00000	2.1401610e-03	754.00	754.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441307.60000	3873007.00000	2.1436250e-03	754.00	754.00	1.20	PERIOD
CARTGRID	00043872	BORON				

441357.60000	3873007.00000	2.1561910e-03	754.70	754.70	1.20	PERIOD
CARTGRID	00043872	BORON				
441407.60000	3873007.00000	2.1771120e-03	755.10	755.10	1.20	PERIOD
CARTGRID	00043872	BORON				
441457.60000	3873007.00000	2.2038910e-03	755.90	755.90	1.20	PERIOD
CARTGRID	00043872	BORON				
439957.60000	3873057.00000	1.6731750e-03	749.00	749.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440007.60000	3873057.00000	1.7886140e-03	749.00	749.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440057.60000	3873057.00000	1.8957790e-03	749.00	749.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440107.60000	3873057.00000	2.0037510e-03	749.60	749.60	1.20	PERIOD
CARTGRID	00043872	BORON				
440157.60000	3873057.00000	2.1071310e-03	750.00	750.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440207.60000	3873057.00000	2.1993320e-03	750.00	750.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440257.60000	3873057.00000	2.2908270e-03	750.60	750.60	1.20	PERIOD
CARTGRID	00043872	BORON				
440307.60000	3873057.00000	2.3641060e-03	750.80	750.80	1.20	PERIOD
CARTGRID	00043872	BORON				
440357.60000	3873057.00000	2.4220010e-03	751.00	751.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440407.60000	3873057.00000	2.4575330e-03	751.00	751.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440457.60000	3873057.00000	2.4725620e-03	751.00	751.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440507.60000	3873057.00000	2.4796340e-03	751.60	751.60	1.20	PERIOD
CARTGRID	00043872	BORON				
440557.60000	3873057.00000	2.4564010e-03	751.60	751.60	1.20	PERIOD
CARTGRID	00043872	BORON				
440607.60000	3873057.00000	2.4090780e-03	751.60	751.60	1.20	PERIOD
CARTGRID	00043872	BORON				
440657.60000	3873057.00000	2.3462960e-03	751.60	751.60	1.20	PERIOD
CARTGRID	00043872	BORON				
440707.60000	3873057.00000	2.2907760e-03	751.60	751.60	1.20	PERIOD
CARTGRID	00043872	BORON				
440757.60000	3873057.00000	2.2463050e-03	751.60	751.60	1.20	PERIOD
CARTGRID	00043872	BORON				
440807.60000	3873057.00000	2.2079560e-03	752.00	752.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440857.60000	3873057.00000	2.1719320e-03	752.00	752.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440907.60000	3873057.00000	2.1436050e-03	752.00	752.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440957.60000	3873057.00000	2.1182550e-03	752.00	752.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441007.60000	3873057.00000	2.0981460e-03	752.60	752.60	1.20	PERIOD
CARTGRID	00043872	BORON				

441057.60000	3873057.00000	2.0763810e-03	752.60	752.60	1.20	PERIOD
CARTGRID	00043872	BORON				
441107.60000	3873057.00000	2.0605440e-03	752.60	752.60	1.20	PERIOD
CARTGRID	00043872	BORON				
441157.60000	3873057.00000	2.0546860e-03	753.00	753.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441207.60000	3873057.00000	2.0522240e-03	753.00	753.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441257.60000	3873057.00000	2.0545400e-03	753.60	753.60	1.20	PERIOD
CARTGRID	00043872	BORON				
441307.60000	3873057.00000	2.0560440e-03	754.00	754.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441357.60000	3873057.00000	2.0595640e-03	754.00	754.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441407.60000	3873057.00000	2.0736340e-03	754.70	754.70	1.20	PERIOD
CARTGRID	00043872	BORON				
441457.60000	3873057.00000	2.0879990e-03	755.00	755.00	1.20	PERIOD
CARTGRID	00043872	BORON				
439957.60000	3873107.00000	1.5011410e-03	748.00	748.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440007.60000	3873107.00000	1.6019100e-03	748.90	748.90	1.20	PERIOD
CARTGRID	00043872	BORON				
440057.60000	3873107.00000	1.6908780e-03	749.00	749.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440107.60000	3873107.00000	1.7719460e-03	749.00	749.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440157.60000	3873107.00000	1.8554750e-03	749.60	749.60	1.20	PERIOD
CARTGRID	00043872	BORON				
440207.60000	3873107.00000	1.9333650e-03	750.00	750.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440257.60000	3873107.00000	2.0000580e-03	750.00	750.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440307.60000	3873107.00000	2.0583650e-03	750.00	750.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440357.60000	3873107.00000	2.1079490e-03	750.20	750.20	1.20	PERIOD
CARTGRID	00043872	BORON				
440407.60000	3873107.00000	2.1514280e-03	750.90	750.90	1.20	PERIOD
CARTGRID	00043872	BORON				
440457.60000	3873107.00000	2.1718290e-03	751.00	751.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440507.60000	3873107.00000	2.1775890e-03	751.00	751.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440557.60000	3873107.00000	2.1677190e-03	751.00	751.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440607.60000	3873107.00000	2.1389680e-03	751.00	751.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440657.60000	3873107.00000	2.1000010e-03	751.00	751.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440707.60000	3873107.00000	2.0687150e-03	751.00	751.00	1.20	PERIOD
CARTGRID	00043872	BORON				

440757.60000	3873107.00000	2.0455980e-03	751.00	751.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440807.60000	3873107.00000	2.0228430e-03	751.00	751.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440857.60000	3873107.00000	2.0111930e-03	751.90	751.90	1.20	PERIOD
CARTGRID	00043872	BORON				
440907.60000	3873107.00000	1.9988840e-03	751.90	751.90	1.20	PERIOD
CARTGRID	00043872	BORON				
440957.60000	3873107.00000	1.9905350e-03	752.00	752.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441007.60000	3873107.00000	1.9809120e-03	752.00	752.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441057.60000	3873107.00000	1.9714030e-03	752.00	752.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441107.60000	3873107.00000	1.9648910e-03	752.00	752.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441157.60000	3873107.00000	1.9630680e-03	752.00	752.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441207.60000	3873107.00000	1.9683910e-03	752.90	752.90	1.20	PERIOD
CARTGRID	00043872	BORON				
441257.60000	3873107.00000	1.9686590e-03	753.00	753.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441307.60000	3873107.00000	1.9670120e-03	753.00	753.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441357.60000	3873107.00000	1.9722670e-03	754.00	754.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441407.60000	3873107.00000	1.9784720e-03	754.20	754.20	1.20	PERIOD
CARTGRID	00043872	BORON				
441457.60000	3873107.00000	1.9881770e-03	755.00	755.00	1.20	PERIOD
CARTGRID	00043872	BORON				
439957.60000	3873157.00000	1.3685070e-03	748.00	748.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440007.60000	3873157.00000	1.4466570e-03	748.00	748.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440057.60000	3873157.00000	1.5210220e-03	748.10	748.10	1.20	PERIOD
CARTGRID	00043872	BORON				
440107.60000	3873157.00000	1.5943990e-03	748.90	748.90	1.20	PERIOD
CARTGRID	00043872	BORON				
440157.60000	3873157.00000	1.6570030e-03	749.00	749.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440207.60000	3873157.00000	1.7260580e-03	750.00	750.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440257.60000	3873157.00000	1.7807130e-03	750.00	750.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440307.60000	3873157.00000	1.8294680e-03	750.00	750.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440357.60000	3873157.00000	1.8698900e-03	750.00	750.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440407.60000	3873157.00000	1.9009720e-03	750.00	750.00	1.20	PERIOD
CARTGRID	00043872	BORON				



440457.60000	3873157.00000	1.9241130e-03	750.20	750.20	1.20	PERIOD
CARTGRID	00043872	BORON				
440507.60000	3873157.00000	1.9384910e-03	750.50	750.50	1.20	PERIOD
CARTGRID	00043872	BORON				
440557.60000	3873157.00000	1.9428420e-03	751.00	751.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440607.60000	3873157.00000	1.9259410e-03	751.00	751.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440657.60000	3873157.00000	1.9025210e-03	751.00	751.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440707.60000	3873157.00000	1.8870070e-03	751.00	751.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440757.60000	3873157.00000	1.8784140e-03	751.00	751.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440807.60000	3873157.00000	1.8694330e-03	751.00	751.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440857.60000	3873157.00000	1.8622540e-03	751.00	751.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440907.60000	3873157.00000	1.8609440e-03	751.00	751.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440957.60000	3873157.00000	1.8664440e-03	751.50	751.50	1.20	PERIOD
CARTGRID	00043872	BORON				
441007.60000	3873157.00000	1.8710260e-03	752.00	752.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441057.60000	3873157.00000	1.8712930e-03	752.00	752.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441107.60000	3873157.00000	1.8728720e-03	752.00	752.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441157.60000	3873157.00000	1.8766490e-03	752.00	752.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441207.60000	3873157.00000	1.8804320e-03	752.00	752.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441257.60000	3873157.00000	1.8861890e-03	753.00	753.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441307.60000	3873157.00000	1.8846050e-03	753.00	753.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441357.60000	3873157.00000	1.8868490e-03	753.60	753.60	1.20	PERIOD
CARTGRID	00043872	BORON				
441407.60000	3873157.00000	1.8906680e-03	754.00	754.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441457.60000	3873157.00000	1.8933270e-03	754.30	754.30	1.20	PERIOD
CARTGRID	00043872	BORON				
439957.60000	3873207.00000	1.2572990e-03	747.60	747.60	1.20	PERIOD
CARTGRID	00043872	BORON				
440007.60000	3873207.00000	1.3256460e-03	748.00	748.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440057.60000	3873207.00000	1.3886650e-03	748.00	748.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440107.60000	3873207.00000	1.4451530e-03	748.00	748.00	1.20	PERIOD
CARTGRID	00043872	BORON				

440157.60000	3873207.00000	1.5005690e-03	748.60	748.60	1.20	PERIOD
CARTGRID	00043872	BORON				
440207.60000	3873207.00000	1.5515630e-03	749.00	749.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440257.60000	3873207.00000	1.6023310e-03	749.60	749.60	1.20	PERIOD
CARTGRID	00043872	BORON				
440307.60000	3873207.00000	1.6450710e-03	749.80	749.80	1.20	PERIOD
CARTGRID	00043872	BORON				
440357.60000	3873207.00000	1.6824690e-03	750.00	750.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440407.60000	3873207.00000	1.7112420e-03	750.00	750.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440457.60000	3873207.00000	1.7323350e-03	750.00	750.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440507.60000	3873207.00000	1.7459130e-03	750.00	750.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440557.60000	3873207.00000	1.7495630e-03	750.00	750.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440607.60000	3873207.00000	1.7467190e-03	750.60	750.60	1.20	PERIOD
CARTGRID	00043872	BORON				
440657.60000	3873207.00000	1.7375290e-03	751.00	751.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440707.60000	3873207.00000	1.7322740e-03	751.00	751.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440757.60000	3873207.00000	1.7335610e-03	751.00	751.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440807.60000	3873207.00000	1.7346070e-03	751.00	751.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440857.60000	3873207.00000	1.7359630e-03	751.00	751.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440907.60000	3873207.00000	1.7414640e-03	751.00	751.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440957.60000	3873207.00000	1.7504220e-03	751.00	751.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441007.60000	3873207.00000	1.7596170e-03	751.00	751.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441057.60000	3873207.00000	1.7725140e-03	751.80	751.80	1.20	PERIOD
CARTGRID	00043872	BORON				
441107.60000	3873207.00000	1.7822380e-03	752.00	752.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441157.60000	3873207.00000	1.7910520e-03	752.00	752.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441207.60000	3873207.00000	1.7976100e-03	752.00	752.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441257.60000	3873207.00000	1.8032590e-03	752.70	752.70	1.20	PERIOD
CARTGRID	00043872	BORON				
441307.60000	3873207.00000	1.8038690e-03	753.00	753.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441357.60000	3873207.00000	1.8050050e-03	753.40	753.40	1.20	PERIOD
CARTGRID	00043872	BORON				

441407.60000	3873207.00000	1.8065200e-03	753.70	753.70	1.20	PERIOD
CARTGRID	00043872	BORON				
441457.60000	3873207.00000	1.8063980e-03	754.00	754.00	1.20	PERIOD
CARTGRID	00043872	BORON				
439957.60000	3873257.00000	1.1620780e-03	746.70	746.70	1.20	PERIOD
CARTGRID	00043872	BORON				
440007.60000	3873257.00000	1.2190940e-03	746.90	746.90	1.20	PERIOD
CARTGRID	00043872	BORON				
440057.60000	3873257.00000	1.2742880e-03	747.10	747.10	1.20	PERIOD
CARTGRID	00043872	BORON				
440107.60000	3873257.00000	1.3248970e-03	747.40	747.40	1.20	PERIOD
CARTGRID	00043872	BORON				
440157.60000	3873257.00000	1.3685400e-03	747.50	747.50	1.20	PERIOD
CARTGRID	00043872	BORON				
440207.60000	3873257.00000	1.4091790e-03	747.70	747.70	1.20	PERIOD
CARTGRID	00043872	BORON				
440257.60000	3873257.00000	1.4480970e-03	748.00	748.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440307.60000	3873257.00000	1.4868700e-03	748.60	748.60	1.20	PERIOD
CARTGRID	00043872	BORON				
440357.60000	3873257.00000	1.5288690e-03	749.80	749.80	1.20	PERIOD
CARTGRID	00043872	BORON				
440407.60000	3873257.00000	1.5553830e-03	749.80	749.80	1.20	PERIOD
CARTGRID	00043872	BORON				
440457.60000	3873257.00000	1.5764070e-03	749.80	749.80	1.20	PERIOD
CARTGRID	00043872	BORON				
440507.60000	3873257.00000	1.5925040e-03	749.90	749.90	1.20	PERIOD
CARTGRID	00043872	BORON				
440557.60000	3873257.00000	1.6008540e-03	750.10	750.10	1.20	PERIOD
CARTGRID	00043872	BORON				
440607.60000	3873257.00000	1.5971310e-03	750.10	750.10	1.20	PERIOD
CARTGRID	00043872	BORON				
440657.60000	3873257.00000	1.5915160e-03	750.10	750.10	1.20	PERIOD
CARTGRID	00043872	BORON				
440707.60000	3873257.00000	1.5932450e-03	750.10	750.10	1.20	PERIOD
CARTGRID	00043872	BORON				
440757.60000	3873257.00000	1.6034140e-03	750.40	750.40	1.20	PERIOD
CARTGRID	00043872	BORON				
440807.60000	3873257.00000	1.6123530e-03	750.50	750.50	1.20	PERIOD
CARTGRID	00043872	BORON				
440857.60000	3873257.00000	1.6212600e-03	750.70	750.70	1.20	PERIOD
CARTGRID	00043872	BORON				
440907.60000	3873257.00000	1.6323730e-03	750.90	750.90	1.20	PERIOD
CARTGRID	00043872	BORON				
440957.60000	3873257.00000	1.6457930e-03	751.00	751.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441007.60000	3873257.00000	1.6599500e-03	751.00	751.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441057.60000	3873257.00000	1.6753750e-03	751.20	751.20	1.20	PERIOD
CARTGRID	00043872	BORON				

441107.60000	3873257.00000	1.6908600e-03	751.40	751.40	1.20	PERIOD
CARTGRID	00043872	BORON				
441157.60000	3873257.00000	1.7050270e-03	751.60	751.60	1.20	PERIOD
CARTGRID	00043872	BORON				
441207.60000	3873257.00000	1.7151510e-03	751.80	751.80	1.20	PERIOD
CARTGRID	00043872	BORON				
441257.60000	3873257.00000	1.7209010e-03	752.20	752.20	1.20	PERIOD
CARTGRID	00043872	BORON				
441307.60000	3873257.00000	1.7227410e-03	752.50	752.50	1.20	PERIOD
CARTGRID	00043872	BORON				
441357.60000	3873257.00000	1.7238550e-03	752.80	752.80	1.20	PERIOD
CARTGRID	00043872	BORON				
441407.60000	3873257.00000	1.7235690e-03	752.90	752.90	1.20	PERIOD
CARTGRID	00043872	BORON				
441457.60000	3873257.00000	1.7218520e-03	753.20	753.20	1.20	PERIOD
CARTGRID	00043872	BORON				
439957.60000	3873307.00000	1.0844300e-03	746.40	746.40	1.20	PERIOD
CARTGRID	00043872	BORON				
440007.60000	3873307.00000	1.1341330e-03	746.70	746.70	1.20	PERIOD
CARTGRID	00043872	BORON				
440057.60000	3873307.00000	1.1817900e-03	746.80	746.80	1.20	PERIOD
CARTGRID	00043872	BORON				
440107.60000	3873307.00000	1.2259510e-03	747.00	747.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440157.60000	3873307.00000	1.2647330e-03	747.20	747.20	1.20	PERIOD
CARTGRID	00043872	BORON				
440207.60000	3873307.00000	1.2999560e-03	747.50	747.50	1.20	PERIOD
CARTGRID	00043872	BORON				
440257.60000	3873307.00000	1.3318240e-03	747.70	747.70	1.20	PERIOD
CARTGRID	00043872	BORON				
440307.60000	3873307.00000	1.3657520e-03	748.40	748.40	1.20	PERIOD
CARTGRID	00043872	BORON				
440357.60000	3873307.00000	1.3977210e-03	749.00	749.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440407.60000	3873307.00000	1.4246230e-03	749.30	749.30	1.20	PERIOD
CARTGRID	00043872	BORON				
440457.60000	3873307.00000	1.4452590e-03	749.30	749.30	1.20	PERIOD
CARTGRID	00043872	BORON				
440507.60000	3873307.00000	1.4637330e-03	749.60	749.60	1.20	PERIOD
CARTGRID	00043872	BORON				
440557.60000	3873307.00000	1.4718120e-03	749.60	749.60	1.20	PERIOD
CARTGRID	00043872	BORON				
440607.60000	3873307.00000	1.4716010e-03	749.60	749.60	1.20	PERIOD
CARTGRID	00043872	BORON				
440657.60000	3873307.00000	1.4709400e-03	749.60	749.60	1.20	PERIOD
CARTGRID	00043872	BORON				
440707.60000	3873307.00000	1.4784620e-03	749.80	749.80	1.20	PERIOD
CARTGRID	00043872	BORON				
440757.60000	3873307.00000	1.4912360e-03	749.90	749.90	1.20	PERIOD
CARTGRID	00043872	BORON				

440807.60000	3873307.00000	1.5053730e-03	750.10	750.10	1.20	PERIOD
CARTGRID	00043872	BORON				
440857.60000	3873307.00000	1.5175860e-03	750.20	750.20	1.20	PERIOD
CARTGRID	00043872	BORON				
440907.60000	3873307.00000	1.5312470e-03	750.40	750.40	1.20	PERIOD
CARTGRID	00043872	BORON				
440957.60000	3873307.00000	1.5467840e-03	750.50	750.50	1.20	PERIOD
CARTGRID	00043872	BORON				
441007.60000	3873307.00000	1.5655910e-03	750.80	750.80	1.20	PERIOD
CARTGRID	00043872	BORON				
441057.60000	3873307.00000	1.5847000e-03	750.90	750.90	1.20	PERIOD
CARTGRID	00043872	BORON				
441107.60000	3873307.00000	1.6049700e-03	751.20	751.20	1.20	PERIOD
CARTGRID	00043872	BORON				
441157.60000	3873307.00000	1.6223620e-03	751.40	751.40	1.20	PERIOD
CARTGRID	00043872	BORON				
441207.60000	3873307.00000	1.6350440e-03	751.70	751.70	1.20	PERIOD
CARTGRID	00043872	BORON				
441257.60000	3873307.00000	1.6410570e-03	751.80	751.80	1.20	PERIOD
CARTGRID	00043872	BORON				
441307.60000	3873307.00000	1.6452000e-03	752.30	752.30	1.20	PERIOD
CARTGRID	00043872	BORON				
441357.60000	3873307.00000	1.6474000e-03	752.70	752.70	1.20	PERIOD
CARTGRID	00043872	BORON				
441407.60000	3873307.00000	1.6472260e-03	752.90	752.90	1.20	PERIOD
CARTGRID	00043872	BORON				
441457.60000	3873307.00000	1.6433940e-03	752.90	752.90	1.20	PERIOD
CARTGRID	00043872	BORON				
439957.60000	3873357.00000	1.0181630e-03	746.10	746.10	1.20	PERIOD
CARTGRID	00043872	BORON				
440007.60000	3873357.00000	1.0615190e-03	746.40	746.40	1.20	PERIOD
CARTGRID	00043872	BORON				
440057.60000	3873357.00000	1.1039690e-03	746.60	746.60	1.20	PERIOD
CARTGRID	00043872	BORON				
440107.60000	3873357.00000	1.1434280e-03	746.80	746.80	1.20	PERIOD
CARTGRID	00043872	BORON				
440157.60000	3873357.00000	1.1774900e-03	746.90	746.90	1.20	PERIOD
CARTGRID	00043872	BORON				
440207.60000	3873357.00000	1.2069770e-03	747.00	747.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440257.60000	3873357.00000	1.2354070e-03	747.40	747.40	1.20	PERIOD
CARTGRID	00043872	BORON				
440307.60000	3873357.00000	1.2620310e-03	747.70	747.70	1.20	PERIOD
CARTGRID	00043872	BORON				
440357.60000	3873357.00000	1.2893370e-03	748.20	748.20	1.20	PERIOD
CARTGRID	00043872	BORON				
440407.60000	3873357.00000	1.3137050e-03	748.50	748.50	1.20	PERIOD
CARTGRID	00043872	BORON				
440457.60000	3873357.00000	1.3357920e-03	748.80	748.80	1.20	PERIOD
CARTGRID	00043872	BORON				

440507.60000	3873357.00000	1.3539920e-03	749.10	749.10	1.20	PERIOD
CARTGRID	00043872	BORON				
440557.60000	3873357.00000	1.3627980e-03	749.10	749.10	1.20	PERIOD
CARTGRID	00043872	BORON				
440607.60000	3873357.00000	1.3657810e-03	749.20	749.20	1.20	PERIOD
CARTGRID	00043872	BORON				
440657.60000	3873357.00000	1.3686620e-03	749.20	749.20	1.20	PERIOD
CARTGRID	00043872	BORON				
440707.60000	3873357.00000	1.3791320e-03	749.40	749.40	1.20	PERIOD
CARTGRID	00043872	BORON				
440757.60000	3873357.00000	1.3950050e-03	749.60	749.60	1.20	PERIOD
CARTGRID	00043872	BORON				
440807.60000	3873357.00000	1.4111340e-03	749.70	749.70	1.20	PERIOD
CARTGRID	00043872	BORON				
440857.60000	3873357.00000	1.4256060e-03	749.80	749.80	1.20	PERIOD
CARTGRID	00043872	BORON				
440907.60000	3873357.00000	1.4399420e-03	749.90	749.90	1.20	PERIOD
CARTGRID	00043872	BORON				
440957.60000	3873357.00000	1.4568780e-03	750.10	750.10	1.20	PERIOD
CARTGRID	00043872	BORON				
441007.60000	3873357.00000	1.4771850e-03	750.40	750.40	1.20	PERIOD
CARTGRID	00043872	BORON				
441057.60000	3873357.00000	1.4994320e-03	750.60	750.60	1.20	PERIOD
CARTGRID	00043872	BORON				
441107.60000	3873357.00000	1.5225110e-03	750.90	750.90	1.20	PERIOD
CARTGRID	00043872	BORON				
441157.60000	3873357.00000	1.5412570e-03	750.90	750.90	1.20	PERIOD
CARTGRID	00043872	BORON				
441207.60000	3873357.00000	1.5556670e-03	751.20	751.20	1.20	PERIOD
CARTGRID	00043872	BORON				
441257.60000	3873357.00000	1.5642350e-03	751.50	751.50	1.20	PERIOD
CARTGRID	00043872	BORON				
441307.60000	3873357.00000	1.5689710e-03	751.80	751.80	1.20	PERIOD
CARTGRID	00043872	BORON				
441357.60000	3873357.00000	1.5719780e-03	752.20	752.20	1.20	PERIOD
CARTGRID	00043872	BORON				
441407.60000	3873357.00000	1.5717950e-03	752.40	752.40	1.20	PERIOD
CARTGRID	00043872	BORON				
441457.60000	3873357.00000	1.5675680e-03	752.40	752.40	1.20	PERIOD
CARTGRID	00043872	BORON				
439957.60000	3873407.00000	9.6106380e-04	745.80	745.80	1.20	PERIOD
CARTGRID	00043872	BORON				
440007.60000	3873407.00000	9.9922480e-04	746.10	746.10	1.20	PERIOD
CARTGRID	00043872	BORON				
440057.60000	3873407.00000	1.0373520e-03	746.40	746.40	1.20	PERIOD
CARTGRID	00043872	BORON				
440107.60000	3873407.00000	1.0723960e-03	746.50	746.50	1.20	PERIOD
CARTGRID	00043872	BORON				
440157.60000	3873407.00000	1.1031450e-03	746.60	746.60	1.20	PERIOD
CARTGRID	00043872	BORON				

440207.60000	3873407.00000	1.1300430e-03	746.80	746.80	1.20	PERIOD
CARTGRID	00043872	BORON				
440257.60000	3873407.00000	1.1539270e-03	747.00	747.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440307.60000	3873407.00000	1.1753790e-03	747.00	747.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440357.60000	3873407.00000	1.1987030e-03	747.40	747.40	1.20	PERIOD
CARTGRID	00043872	BORON				
440407.60000	3873407.00000	1.2219650e-03	747.90	747.90	1.20	PERIOD
CARTGRID	00043872	BORON				
440457.60000	3873407.00000	1.2432860e-03	748.30	748.30	1.20	PERIOD
CARTGRID	00043872	BORON				
440507.60000	3873407.00000	1.2605380e-03	748.60	748.60	1.20	PERIOD
CARTGRID	00043872	BORON				
440557.60000	3873407.00000	1.2695420e-03	748.60	748.60	1.20	PERIOD
CARTGRID	00043872	BORON				
440607.60000	3873407.00000	1.2750030e-03	748.80	748.80	1.20	PERIOD
CARTGRID	00043872	BORON				
440657.60000	3873407.00000	1.2812190e-03	748.90	748.90	1.20	PERIOD
CARTGRID	00043872	BORON				
440707.60000	3873407.00000	1.2926160e-03	748.90	748.90	1.20	PERIOD
CARTGRID	00043872	BORON				
440757.60000	3873407.00000	1.3104890e-03	749.20	749.20	1.20	PERIOD
CARTGRID	00043872	BORON				
440807.60000	3873407.00000	1.3279010e-03	749.30	749.30	1.20	PERIOD
CARTGRID	00043872	BORON				
440857.60000	3873407.00000	1.3439390e-03	749.50	749.50	1.20	PERIOD
CARTGRID	00043872	BORON				
440907.60000	3873407.00000	1.3591410e-03	749.70	749.70	1.20	PERIOD
CARTGRID	00043872	BORON				
440957.60000	3873407.00000	1.3756370e-03	749.80	749.80	1.20	PERIOD
CARTGRID	00043872	BORON				
441007.60000	3873407.00000	1.3964660e-03	750.10	750.10	1.20	PERIOD
CARTGRID	00043872	BORON				
441057.60000	3873407.00000	1.4199250e-03	750.30	750.30	1.20	PERIOD
CARTGRID	00043872	BORON				
441107.60000	3873407.00000	1.4435920e-03	750.40	750.40	1.20	PERIOD
CARTGRID	00043872	BORON				
441157.60000	3873407.00000	1.4637310e-03	750.40	750.40	1.20	PERIOD
CARTGRID	00043872	BORON				
441207.60000	3873407.00000	1.4794660e-03	750.70	750.70	1.20	PERIOD
CARTGRID	00043872	BORON				
441257.60000	3873407.00000	1.4895850e-03	751.00	751.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441307.60000	3873407.00000	1.4957560e-03	751.30	751.30	1.20	PERIOD
CARTGRID	00043872	BORON				
441357.60000	3873407.00000	1.4991410e-03	751.60	751.60	1.20	PERIOD
CARTGRID	00043872	BORON				
441407.60000	3873407.00000	1.4986600e-03	751.70	751.70	1.20	PERIOD
CARTGRID	00043872	BORON				

441457.60000	3873407.00000	1.4950430e-03	751.90	751.90	1.20	PERIOD
CARTGRID	00043872	BORON				
439957.60000	3873457.00000	9.1144200e-04	745.50	745.50	1.20	PERIOD
CARTGRID	00043872	BORON				
440007.60000	3873457.00000	9.4531000e-04	745.80	745.80	1.20	PERIOD
CARTGRID	00043872	BORON				
440057.60000	3873457.00000	9.7891080e-04	746.00	746.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440107.60000	3873457.00000	1.0110020e-03	746.20	746.20	1.20	PERIOD
CARTGRID	00043872	BORON				
440157.60000	3873457.00000	1.0396350e-03	746.40	746.40	1.20	PERIOD
CARTGRID	00043872	BORON				
440207.60000	3873457.00000	1.0637070e-03	746.50	746.50	1.20	PERIOD
CARTGRID	00043872	BORON				
440257.60000	3873457.00000	1.0841920e-03	746.50	746.50	1.20	PERIOD
CARTGRID	00043872	BORON				
440307.60000	3873457.00000	1.1041960e-03	746.70	746.70	1.20	PERIOD
CARTGRID	00043872	BORON				
440357.60000	3873457.00000	1.1253680e-03	747.20	747.20	1.20	PERIOD
CARTGRID	00043872	BORON				
440407.60000	3873457.00000	1.1445940e-03	747.40	747.40	1.20	PERIOD
CARTGRID	00043872	BORON				
440457.60000	3873457.00000	1.1641750e-03	747.80	747.80	1.20	PERIOD
CARTGRID	00043872	BORON				
440507.60000	3873457.00000	1.1800780e-03	748.10	748.10	1.20	PERIOD
CARTGRID	00043872	BORON				
440557.60000	3873457.00000	1.1889910e-03	748.10	748.10	1.20	PERIOD
CARTGRID	00043872	BORON				
440607.60000	3873457.00000	1.1964840e-03	748.40	748.40	1.20	PERIOD
CARTGRID	00043872	BORON				
440657.60000	3873457.00000	1.2042680e-03	748.40	748.40	1.20	PERIOD
CARTGRID	00043872	BORON				
440707.60000	3873457.00000	1.2182370e-03	748.60	748.60	1.20	PERIOD
CARTGRID	00043872	BORON				
440757.60000	3873457.00000	1.2357100e-03	748.70	748.70	1.20	PERIOD
CARTGRID	00043872	BORON				
440807.60000	3873457.00000	1.2540660e-03	748.90	748.90	1.20	PERIOD
CARTGRID	00043872	BORON				
440857.60000	3873457.00000	1.2698260e-03	749.00	749.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440907.60000	3873457.00000	1.2849700e-03	749.20	749.20	1.20	PERIOD
CARTGRID	00043872	BORON				
440957.60000	3873457.00000	1.3020820e-03	749.50	749.50	1.20	PERIOD
CARTGRID	00043872	BORON				
441007.60000	3873457.00000	1.3227330e-03	749.80	749.80	1.20	PERIOD
CARTGRID	00043872	BORON				
441057.60000	3873457.00000	1.3463620e-03	750.00	750.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441107.60000	3873457.00000	1.3695780e-03	749.90	749.90	1.20	PERIOD
CARTGRID	00043872	BORON				



441157.60000	3873457.00000	1.3911280e-03	750.10	750.10	1.20	PERIOD
CARTGRID	00043872	BORON				
441207.60000	3873457.00000	1.4077850e-03	750.40	750.40	1.20	PERIOD
CARTGRID	00043872	BORON				
441257.60000	3873457.00000	1.4188010e-03	750.60	750.60	1.20	PERIOD
CARTGRID	00043872	BORON				
441307.60000	3873457.00000	1.4258210e-03	750.80	750.80	1.20	PERIOD
CARTGRID	00043872	BORON				
441357.60000	3873457.00000	1.4298670e-03	751.10	751.10	1.20	PERIOD
CARTGRID	00043872	BORON				
441407.60000	3873457.00000	1.4291210e-03	751.10	751.10	1.20	PERIOD
CARTGRID	00043872	BORON				
441457.60000	3873457.00000	1.4250710e-03	751.20	751.20	1.20	PERIOD
CARTGRID	00043872	BORON				
439957.60000	3873507.00000	8.6785930e-04	745.20	745.20	1.20	PERIOD
CARTGRID	00043872	BORON				
440007.60000	3873507.00000	8.9814460e-04	745.50	745.50	1.20	PERIOD
CARTGRID	00043872	BORON				
440057.60000	3873507.00000	9.2868830e-04	745.80	745.80	1.20	PERIOD
CARTGRID	00043872	BORON				
440107.60000	3873507.00000	9.5796200e-04	746.00	746.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440157.60000	3873507.00000	9.8397620e-04	746.10	746.10	1.20	PERIOD
CARTGRID	00043872	BORON				
440207.60000	3873507.00000	1.0068440e-03	746.30	746.30	1.20	PERIOD
CARTGRID	00043872	BORON				
440257.60000	3873507.00000	1.0261300e-03	746.40	746.40	1.20	PERIOD
CARTGRID	00043872	BORON				
440307.60000	3873507.00000	1.0441470e-03	746.60	746.60	1.20	PERIOD
CARTGRID	00043872	BORON				
440357.60000	3873507.00000	1.0624960e-03	747.00	747.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440407.60000	3873507.00000	1.0797530e-03	747.20	747.20	1.20	PERIOD
CARTGRID	00043872	BORON				
440457.60000	3873507.00000	1.0958680e-03	747.30	747.30	1.20	PERIOD
CARTGRID	00043872	BORON				
440507.60000	3873507.00000	1.1102760e-03	747.60	747.60	1.20	PERIOD
CARTGRID	00043872	BORON				
440557.60000	3873507.00000	1.1195010e-03	747.70	747.70	1.20	PERIOD
CARTGRID	00043872	BORON				
440607.60000	3873507.00000	1.1275450e-03	747.90	747.90	1.20	PERIOD
CARTGRID	00043872	BORON				
440657.60000	3873507.00000	1.1374870e-03	748.00	748.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440707.60000	3873507.00000	1.1523570e-03	748.20	748.20	1.20	PERIOD
CARTGRID	00043872	BORON				
440757.60000	3873507.00000	1.1694620e-03	748.20	748.20	1.20	PERIOD
CARTGRID	00043872	BORON				
440807.60000	3873507.00000	1.1880550e-03	748.50	748.50	1.20	PERIOD
CARTGRID	00043872	BORON				

440857.60000	3873507.00000	1.2045490e-03	748.80	748.80	1.20	PERIOD
CARTGRID	00043872	BORON				
440907.60000	3873507.00000	1.2193250e-03	749.00	749.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440957.60000	3873507.00000	1.2355160e-03	749.20	749.20	1.20	PERIOD
CARTGRID	00043872	BORON				
441007.60000	3873507.00000	1.2564400e-03	749.70	749.70	1.20	PERIOD
CARTGRID	00043872	BORON				
441057.60000	3873507.00000	1.2791060e-03	749.80	749.80	1.20	PERIOD
CARTGRID	00043872	BORON				
441107.60000	3873507.00000	1.3022920e-03	749.80	749.80	1.20	PERIOD
CARTGRID	00043872	BORON				
441157.60000	3873507.00000	1.3229290e-03	749.80	749.80	1.20	PERIOD
CARTGRID	00043872	BORON				
441207.60000	3873507.00000	1.3396410e-03	750.00	750.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441257.60000	3873507.00000	1.3516440e-03	750.20	750.20	1.20	PERIOD
CARTGRID	00043872	BORON				
441307.60000	3873507.00000	1.3592930e-03	750.30	750.30	1.20	PERIOD
CARTGRID	00043872	BORON				
441357.60000	3873507.00000	1.3638810e-03	750.60	750.60	1.20	PERIOD
CARTGRID	00043872	BORON				
441407.60000	3873507.00000	1.3632730e-03	750.60	750.60	1.20	PERIOD
CARTGRID	00043872	BORON				
441457.60000	3873507.00000	1.3599310e-03	750.90	750.90	1.20	PERIOD
CARTGRID	00043872	BORON				
439957.60000	3873557.00000	8.2929920e-04	744.90	744.90	1.20	PERIOD
CARTGRID	00043872	BORON				
440007.60000	3873557.00000	8.5654670e-04	745.20	745.20	1.20	PERIOD
CARTGRID	00043872	BORON				
440057.60000	3873557.00000	8.8420020e-04	745.50	745.50	1.20	PERIOD
CARTGRID	00043872	BORON				
440107.60000	3873557.00000	9.1023220e-04	745.50	745.50	1.20	PERIOD
CARTGRID	00043872	BORON				
440157.60000	3873557.00000	9.3526550e-04	745.80	745.80	1.20	PERIOD
CARTGRID	00043872	BORON				
440207.60000	3873557.00000	9.5619830e-04	745.90	745.90	1.20	PERIOD
CARTGRID	00043872	BORON				
440257.60000	3873557.00000	9.7459380e-04	746.10	746.10	1.20	PERIOD
CARTGRID	00043872	BORON				
440307.60000	3873557.00000	9.9242620e-04	746.60	746.60	1.20	PERIOD
CARTGRID	00043872	BORON				
440357.60000	3873557.00000	1.0075130e-03	746.70	746.70	1.20	PERIOD
CARTGRID	00043872	BORON				
440407.60000	3873557.00000	1.0225240e-03	746.80	746.80	1.20	PERIOD
CARTGRID	00043872	BORON				
440457.60000	3873557.00000	1.0369230e-03	746.90	746.90	1.20	PERIOD
CARTGRID	00043872	BORON				
440507.60000	3873557.00000	1.0493540e-03	747.10	747.10	1.20	PERIOD
CARTGRID	00043872	BORON				

440557.60000	3873557.00000	1.0592160e-03	747.40	747.40	1.20	PERIOD
CARTGRID	00043872	BORON				
440607.60000	3873557.00000	1.0671290e-03	747.40	747.40	1.20	PERIOD
CARTGRID	00043872	BORON				
440657.60000	3873557.00000	1.0790430e-03	747.70	747.70	1.20	PERIOD
CARTGRID	00043872	BORON				
440707.60000	3873557.00000	1.0933950e-03	747.70	747.70	1.20	PERIOD
CARTGRID	00043872	BORON				
440757.60000	3873557.00000	1.1102770e-03	747.70	747.70	1.20	PERIOD
CARTGRID	00043872	BORON				
440807.60000	3873557.00000	1.1282430e-03	748.00	748.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440857.60000	3873557.00000	1.1437810e-03	748.20	748.20	1.20	PERIOD
CARTGRID	00043872	BORON				
440907.60000	3873557.00000	1.1590140e-03	748.60	748.60	1.20	PERIOD
CARTGRID	00043872	BORON				
440957.60000	3873557.00000	1.1755880e-03	749.00	749.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441007.60000	3873557.00000	1.1946030e-03	749.20	749.20	1.20	PERIOD
CARTGRID	00043872	BORON				
441057.60000	3873557.00000	1.2170890e-03	749.50	749.50	1.20	PERIOD
CARTGRID	00043872	BORON				
441107.60000	3873557.00000	1.2392850e-03	749.50	749.50	1.20	PERIOD
CARTGRID	00043872	BORON				
441157.60000	3873557.00000	1.2592770e-03	749.50	749.50	1.20	PERIOD
CARTGRID	00043872	BORON				
441207.60000	3873557.00000	1.2760940e-03	749.70	749.70	1.20	PERIOD
CARTGRID	00043872	BORON				
441257.60000	3873557.00000	1.2883250e-03	749.80	749.80	1.20	PERIOD
CARTGRID	00043872	BORON				
441307.60000	3873557.00000	1.2973620e-03	750.10	750.10	1.20	PERIOD
CARTGRID	00043872	BORON				
441357.60000	3873557.00000	1.3012530e-03	750.10	750.10	1.20	PERIOD
CARTGRID	00043872	BORON				
441407.60000	3873557.00000	1.3018290e-03	750.40	750.40	1.20	PERIOD
CARTGRID	00043872	BORON				
441457.60000	3873557.00000	1.2975330e-03	750.40	750.40	1.20	PERIOD
CARTGRID	00043872	BORON				
439957.60000	3873607.00000	7.9582730e-04	744.90	744.90	1.20	PERIOD
CARTGRID	00043872	BORON				
440007.60000	3873607.00000	8.2000940e-04	745.00	745.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440057.60000	3873607.00000	8.4528430e-04	745.30	745.30	1.20	PERIOD
CARTGRID	00043872	BORON				
440107.60000	3873607.00000	8.6929060e-04	745.30	745.30	1.20	PERIOD
CARTGRID	00043872	BORON				
440157.60000	3873607.00000	8.9263960e-04	745.60	745.60	1.20	PERIOD
CARTGRID	00043872	BORON				
440207.60000	3873607.00000	9.1228460e-04	745.70	745.70	1.20	PERIOD
CARTGRID	00043872	BORON				

440257.60000	3873607.00000	9.2950990e-04	745.90	745.90	1.20	PERIOD
CARTGRID	00043872	BORON				
440307.60000	3873607.00000	9.4513940e-04	746.20	746.20	1.20	PERIOD
CARTGRID	00043872	BORON				
440357.60000	3873607.00000	9.5892060e-04	746.30	746.30	1.20	PERIOD
CARTGRID	00043872	BORON				
440407.60000	3873607.00000	9.7294240e-04	746.50	746.50	1.20	PERIOD
CARTGRID	00043872	BORON				
440457.60000	3873607.00000	9.8665190e-04	746.80	746.80	1.20	PERIOD
CARTGRID	00043872	BORON				
440507.60000	3873607.00000	9.9682910e-04	746.80	746.80	1.20	PERIOD
CARTGRID	00043872	BORON				
440557.60000	3873607.00000	1.0049080e-03	746.80	746.80	1.20	PERIOD
CARTGRID	00043872	BORON				
440607.60000	3873607.00000	1.0141890e-03	747.00	747.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440657.60000	3873607.00000	1.0261980e-03	747.20	747.20	1.20	PERIOD
CARTGRID	00043872	BORON				
440707.60000	3873607.00000	1.0405940e-03	747.20	747.20	1.20	PERIOD
CARTGRID	00043872	BORON				
440757.60000	3873607.00000	1.0569090e-03	747.20	747.20	1.20	PERIOD
CARTGRID	00043872	BORON				
440807.60000	3873607.00000	1.0732680e-03	747.30	747.30	1.20	PERIOD
CARTGRID	00043872	BORON				
440857.60000	3873607.00000	1.0890160e-03	747.70	747.70	1.20	PERIOD
CARTGRID	00043872	BORON				
440907.60000	3873607.00000	1.1041860e-03	748.20	748.20	1.20	PERIOD
CARTGRID	00043872	BORON				
440957.60000	3873607.00000	1.1195440e-03	748.40	748.40	1.20	PERIOD
CARTGRID	00043872	BORON				
441007.60000	3873607.00000	1.1382400e-03	748.70	748.70	1.20	PERIOD
CARTGRID	00043872	BORON				
441057.60000	3873607.00000	1.1596300e-03	749.00	749.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441107.60000	3873607.00000	1.1805110e-03	749.00	749.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441157.60000	3873607.00000	1.2002920e-03	749.20	749.20	1.20	PERIOD
CARTGRID	00043872	BORON				
441207.60000	3873607.00000	1.2163770e-03	749.30	749.30	1.20	PERIOD
CARTGRID	00043872	BORON				
441257.60000	3873607.00000	1.2291880e-03	749.50	749.50	1.20	PERIOD
CARTGRID	00043872	BORON				
441307.60000	3873607.00000	1.2378910e-03	749.60	749.60	1.20	PERIOD
CARTGRID	00043872	BORON				
441357.60000	3873607.00000	1.2427090e-03	749.80	749.80	1.20	PERIOD
CARTGRID	00043872	BORON				
441407.60000	3873607.00000	1.2427750e-03	749.90	749.90	1.20	PERIOD
CARTGRID	00043872	BORON				
441457.60000	3873607.00000	1.2386190e-03	749.90	749.90	1.20	PERIOD
CARTGRID	00043872	BORON				

439957.60000	3873657.00000	7.6493520e-04	744.60	744.60	1.20	PERIOD
CARTGRID	00043872	BORON				
440007.60000	3873657.00000	7.8780150e-04	744.90	744.90	1.20	PERIOD
CARTGRID	00043872	BORON				
440057.60000	3873657.00000	8.1003850e-04	744.90	744.90	1.20	PERIOD
CARTGRID	00043872	BORON				
440107.60000	3873657.00000	8.3292000e-04	745.10	745.10	1.20	PERIOD
CARTGRID	00043872	BORON				
440157.60000	3873657.00000	8.5428280e-04	745.30	745.30	1.20	PERIOD
CARTGRID	00043872	BORON				
440207.60000	3873657.00000	8.7308240e-04	745.50	745.50	1.20	PERIOD
CARTGRID	00043872	BORON				
440257.60000	3873657.00000	8.8929590e-04	745.70	745.70	1.20	PERIOD
CARTGRID	00043872	BORON				
440307.60000	3873657.00000	9.0398260e-04	746.00	746.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440357.60000	3873657.00000	9.1687690e-04	746.10	746.10	1.20	PERIOD
CARTGRID	00043872	BORON				
440407.60000	3873657.00000	9.2971120e-04	746.30	746.30	1.20	PERIOD
CARTGRID	00043872	BORON				
440457.60000	3873657.00000	9.4071690e-04	746.30	746.30	1.20	PERIOD
CARTGRID	00043872	BORON				
440507.60000	3873657.00000	9.5053740e-04	746.50	746.50	1.20	PERIOD
CARTGRID	00043872	BORON				
440557.60000	3873657.00000	9.5817830e-04	746.50	746.50	1.20	PERIOD
CARTGRID	00043872	BORON				
440607.60000	3873657.00000	9.6754130e-04	746.70	746.70	1.20	PERIOD
CARTGRID	00043872	BORON				
440657.60000	3873657.00000	9.7920440e-04	746.80	746.80	1.20	PERIOD
CARTGRID	00043872	BORON				
440707.60000	3873657.00000	9.9325490e-04	746.80	746.80	1.20	PERIOD
CARTGRID	00043872	BORON				
440757.60000	3873657.00000	1.0087880e-03	746.80	746.80	1.20	PERIOD
CARTGRID	00043872	BORON				
440807.60000	3873657.00000	1.0239550e-03	746.80	746.80	1.20	PERIOD
CARTGRID	00043872	BORON				
440857.60000	3873657.00000	1.0390770e-03	747.20	747.20	1.20	PERIOD
CARTGRID	00043872	BORON				
440907.60000	3873657.00000	1.0538290e-03	747.70	747.70	1.20	PERIOD
CARTGRID	00043872	BORON				
440957.60000	3873657.00000	1.0691580e-03	748.00	748.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441007.60000	3873657.00000	1.0871220e-03	748.30	748.30	1.20	PERIOD
CARTGRID	00043872	BORON				
441057.60000	3873657.00000	1.1069420e-03	748.50	748.50	1.20	PERIOD
CARTGRID	00043872	BORON				
441107.60000	3873657.00000	1.1274770e-03	748.80	748.80	1.20	PERIOD
CARTGRID	00043872	BORON				
441157.60000	3873657.00000	1.1457120e-03	748.90	748.90	1.20	PERIOD
CARTGRID	00043872	BORON				

441207.60000	3873657.00000	1.1615470e-03	749.10	749.10	1.20	PERIOD
CARTGRID	00043872	BORON				
441257.60000	3873657.00000	1.1739110e-03	749.20	749.20	1.20	PERIOD
CARTGRID	00043872	BORON				
441307.60000	3873657.00000	1.1830510e-03	749.40	749.40	1.20	PERIOD
CARTGRID	00043872	BORON				
441357.60000	3873657.00000	1.1872990e-03	749.40	749.40	1.20	PERIOD
CARTGRID	00043872	BORON				
441407.60000	3873657.00000	1.1874820e-03	749.50	749.50	1.20	PERIOD
CARTGRID	00043872	BORON				
441457.60000	3873657.00000	1.1835580e-03	749.50	749.50	1.20	PERIOD
CARTGRID	00043872	BORON				
439957.60000	3873707.00000	7.3719790e-04	744.30	744.30	1.20	PERIOD
CARTGRID	00043872	BORON				
440007.60000	3873707.00000	7.5839840e-04	744.60	744.60	1.20	PERIOD
CARTGRID	00043872	BORON				
440057.60000	3873707.00000	7.7923130e-04	744.70	744.70	1.20	PERIOD
CARTGRID	00043872	BORON				
440107.60000	3873707.00000	8.0034550e-04	744.90	744.90	1.20	PERIOD
CARTGRID	00043872	BORON				
440157.60000	3873707.00000	8.2017920e-04	745.10	745.10	1.20	PERIOD
CARTGRID	00043872	BORON				
440207.60000	3873707.00000	8.3777440e-04	745.30	745.30	1.20	PERIOD
CARTGRID	00043872	BORON				
440257.60000	3873707.00000	8.5310290e-04	745.50	745.50	1.20	PERIOD
CARTGRID	00043872	BORON				
440307.60000	3873707.00000	8.6595820e-04	745.50	745.50	1.20	PERIOD
CARTGRID	00043872	BORON				
440357.60000	3873707.00000	8.7906640e-04	745.80	745.80	1.20	PERIOD
CARTGRID	00043872	BORON				
440407.60000	3873707.00000	8.9021700e-04	745.80	745.80	1.20	PERIOD
CARTGRID	00043872	BORON				
440457.60000	3873707.00000	9.0119980e-04	746.10	746.10	1.20	PERIOD
CARTGRID	00043872	BORON				
440507.60000	3873707.00000	9.0952460e-04	746.20	746.20	1.20	PERIOD
CARTGRID	00043872	BORON				
440557.60000	3873707.00000	9.1737090e-04	746.40	746.40	1.20	PERIOD
CARTGRID	00043872	BORON				
440607.60000	3873707.00000	9.2610790e-04	746.50	746.50	1.20	PERIOD
CARTGRID	00043872	BORON				
440657.60000	3873707.00000	9.3783340e-04	746.70	746.70	1.20	PERIOD
CARTGRID	00043872	BORON				
440707.60000	3873707.00000	9.5050830e-04	746.50	746.50	1.20	PERIOD
CARTGRID	00043872	BORON				
440757.60000	3873707.00000	9.6513870e-04	746.50	746.50	1.20	PERIOD
CARTGRID	00043872	BORON				
440807.60000	3873707.00000	9.8053270e-04	746.80	746.80	1.20	PERIOD
CARTGRID	00043872	BORON				
440857.60000	3873707.00000	9.9440350e-04	747.00	747.00	1.20	PERIOD
CARTGRID	00043872	BORON				

440907.60000	3873707.00000	1.0084720e-03	747.40	747.40	1.20	PERIOD
CARTGRID	00043872	BORON				
440957.60000	3873707.00000	1.0233860e-03	747.70	747.70	1.20	PERIOD
CARTGRID	00043872	BORON				
441007.60000	3873707.00000	1.0405810e-03	748.00	748.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441057.60000	3873707.00000	1.0595350e-03	748.30	748.30	1.20	PERIOD
CARTGRID	00043872	BORON				
441107.60000	3873707.00000	1.0786000e-03	748.60	748.60	1.20	PERIOD
CARTGRID	00043872	BORON				
441157.60000	3873707.00000	1.0952320e-03	748.60	748.60	1.20	PERIOD
CARTGRID	00043872	BORON				
441207.60000	3873707.00000	1.1103040e-03	748.80	748.80	1.20	PERIOD
CARTGRID	00043872	BORON				
441257.60000	3873707.00000	1.1223480e-03	748.90	748.90	1.20	PERIOD
CARTGRID	00043872	BORON				
441307.60000	3873707.00000	1.1317130e-03	749.20	749.20	1.20	PERIOD
CARTGRID	00043872	BORON				
441357.60000	3873707.00000	1.1359720e-03	749.20	749.20	1.20	PERIOD
CARTGRID	00043872	BORON				
441407.60000	3873707.00000	1.1359440e-03	749.20	749.20	1.20	PERIOD
CARTGRID	00043872	BORON				
441457.60000	3873707.00000	1.1330780e-03	749.50	749.50	1.20	PERIOD
CARTGRID	00043872	BORON				
439957.60000	3873757.00000	7.1248320e-04	744.10	744.10	1.20	PERIOD
CARTGRID	00043872	BORON				
440007.60000	3873757.00000	7.3197800e-04	744.30	744.30	1.20	PERIOD
CARTGRID	00043872	BORON				
440057.60000	3873757.00000	7.5148440e-04	744.50	744.50	1.20	PERIOD
CARTGRID	00043872	BORON				
440107.60000	3873757.00000	7.7091500e-04	744.70	744.70	1.20	PERIOD
CARTGRID	00043872	BORON				
440157.60000	3873757.00000	7.8929060e-04	744.90	744.90	1.20	PERIOD
CARTGRID	00043872	BORON				
440207.60000	3873757.00000	8.0542740e-04	745.00	745.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440257.60000	3873757.00000	8.2001190e-04	745.20	745.20	1.20	PERIOD
CARTGRID	00043872	BORON				
440307.60000	3873757.00000	8.3288110e-04	745.30	745.30	1.20	PERIOD
CARTGRID	00043872	BORON				
440357.60000	3873757.00000	8.4521450e-04	745.50	745.50	1.20	PERIOD
CARTGRID	00043872	BORON				
440407.60000	3873757.00000	8.5608290e-04	745.60	745.60	1.20	PERIOD
CARTGRID	00043872	BORON				
440457.60000	3873757.00000	8.6598210e-04	745.90	745.90	1.20	PERIOD
CARTGRID	00043872	BORON				
440507.60000	3873757.00000	8.7329630e-04	746.00	746.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440557.60000	3873757.00000	8.8045940e-04	746.20	746.20	1.20	PERIOD
CARTGRID	00043872	BORON				

440607.60000	3873757.00000	8.8840980e-04	746.20	746.20	1.20	PERIOD
CARTGRID	00043872	BORON				
440657.60000	3873757.00000	8.9883410e-04	746.20	746.20	1.20	PERIOD
CARTGRID	00043872	BORON				
440707.60000	3873757.00000	9.1205890e-04	746.40	746.40	1.20	PERIOD
CARTGRID	00043872	BORON				
440757.60000	3873757.00000	9.2603560e-04	746.50	746.50	1.20	PERIOD
CARTGRID	00043872	BORON				
440807.60000	3873757.00000	9.3994730e-04	746.60	746.60	1.20	PERIOD
CARTGRID	00043872	BORON				
440857.60000	3873757.00000	9.5334230e-04	746.80	746.80	1.20	PERIOD
CARTGRID	00043872	BORON				
440907.60000	3873757.00000	9.6584010e-04	746.80	746.80	1.20	PERIOD
CARTGRID	00043872	BORON				
440957.60000	3873757.00000	9.8066780e-04	747.20	747.20	1.20	PERIOD
CARTGRID	00043872	BORON				
441007.60000	3873757.00000	9.9772800e-04	747.70	747.70	1.20	PERIOD
CARTGRID	00043872	BORON				
441057.60000	3873757.00000	1.0154550e-03	748.00	748.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441107.60000	3873757.00000	1.0324840e-03	748.10	748.10	1.20	PERIOD
CARTGRID	00043872	BORON				
441157.60000	3873757.00000	1.0488740e-03	748.40	748.40	1.20	PERIOD
CARTGRID	00043872	BORON				
441207.60000	3873757.00000	1.0630690e-03	748.60	748.60	1.20	PERIOD
CARTGRID	00043872	BORON				
441257.60000	3873757.00000	1.0746270e-03	748.70	748.70	1.20	PERIOD
CARTGRID	00043872	BORON				
441307.60000	3873757.00000	1.0834540e-03	748.90	748.90	1.20	PERIOD
CARTGRID	00043872	BORON				
441357.60000	3873757.00000	1.0883250e-03	749.10	749.10	1.20	PERIOD
CARTGRID	00043872	BORON				
441407.60000	3873757.00000	1.0886280e-03	749.20	749.20	1.20	PERIOD
CARTGRID	00043872	BORON				
441457.60000	3873757.00000	1.0849610e-03	749.20	749.20	1.20	PERIOD
CARTGRID	00043872	BORON				
439957.60000	3873807.00000	6.8963510e-04	743.70	743.70	1.20	PERIOD
CARTGRID	00043872	BORON				
440007.60000	3873807.00000	7.0809240e-04	744.00	744.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440057.60000	3873807.00000	7.2604680e-04	744.20	744.20	1.20	PERIOD
CARTGRID	00043872	BORON				
440107.60000	3873807.00000	7.4413810e-04	744.50	744.50	1.20	PERIOD
CARTGRID	00043872	BORON				
440157.60000	3873807.00000	7.6112990e-04	744.70	744.70	1.20	PERIOD
CARTGRID	00043872	BORON				
440207.60000	3873807.00000	7.7630290e-04	744.80	744.80	1.20	PERIOD
CARTGRID	00043872	BORON				
440257.60000	3873807.00000	7.9000390e-04	744.90	744.90	1.20	PERIOD
CARTGRID	00043872	BORON				



440307.60000	3873807.00000	8.0299740e-04	745.10	745.10	1.20	PERIOD
CARTGRID	00043872	BORON				
440357.60000	3873807.00000	8.1505050e-04	745.30	745.30	1.20	PERIOD
CARTGRID	00043872	BORON				
440407.60000	3873807.00000	8.2569150e-04	745.50	745.50	1.20	PERIOD
CARTGRID	00043872	BORON				
440457.60000	3873807.00000	8.3430970e-04	745.70	745.70	1.20	PERIOD
CARTGRID	00043872	BORON				
440507.60000	3873807.00000	8.4068600e-04	745.80	745.80	1.20	PERIOD
CARTGRID	00043872	BORON				
440557.60000	3873807.00000	8.4714070e-04	746.00	746.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440607.60000	3873807.00000	8.5482960e-04	746.10	746.10	1.20	PERIOD
CARTGRID	00043872	BORON				
440657.60000	3873807.00000	8.6481920e-04	746.20	746.20	1.20	PERIOD
CARTGRID	00043872	BORON				
440707.60000	3873807.00000	8.7636600e-04	746.20	746.20	1.20	PERIOD
CARTGRID	00043872	BORON				
440757.60000	3873807.00000	8.8935350e-04	746.30	746.30	1.20	PERIOD
CARTGRID	00043872	BORON				
440807.60000	3873807.00000	9.0283880e-04	746.50	746.50	1.20	PERIOD
CARTGRID	00043872	BORON				
440857.60000	3873807.00000	9.1552960e-04	746.60	746.60	1.20	PERIOD
CARTGRID	00043872	BORON				
440907.60000	3873807.00000	9.2844440e-04	746.80	746.80	1.20	PERIOD
CARTGRID	00043872	BORON				
440957.60000	3873807.00000	9.4252710e-04	747.10	747.10	1.20	PERIOD
CARTGRID	00043872	BORON				
441007.60000	3873807.00000	9.5808100e-04	747.40	747.40	1.20	PERIOD
CARTGRID	00043872	BORON				
441057.60000	3873807.00000	9.7460470e-04	747.70	747.70	1.20	PERIOD
CARTGRID	00043872	BORON				
441107.60000	3873807.00000	9.9097400e-04	748.00	748.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441157.60000	3873807.00000	1.0062150e-03	748.30	748.30	1.20	PERIOD
CARTGRID	00043872	BORON				
441207.60000	3873807.00000	1.0195370e-03	748.50	748.50	1.20	PERIOD
CARTGRID	00043872	BORON				
441257.60000	3873807.00000	1.0305550e-03	748.60	748.60	1.20	PERIOD
CARTGRID	00043872	BORON				
441307.60000	3873807.00000	1.0393650e-03	748.90	748.90	1.20	PERIOD
CARTGRID	00043872	BORON				
441357.60000	3873807.00000	1.0434720e-03	748.90	748.90	1.20	PERIOD
CARTGRID	00043872	BORON				
441407.60000	3873807.00000	1.0441310e-03	749.10	749.10	1.20	PERIOD
CARTGRID	00043872	BORON				
441457.60000	3873807.00000	1.0408410e-03	749.20	749.20	1.20	PERIOD
CARTGRID	00043872	BORON				
439957.60000	3873857.00000	6.6991970e-04	743.70	743.70	1.20	PERIOD
CARTGRID	00043872	BORON				

440007.60000	3873857.00000	6.8632040e-04	743.70	743.70	1.20	PERIOD
CARTGRID	00043872	BORON				
440057.60000	3873857.00000	7.0305080e-04	744.00	744.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440107.60000	3873857.00000	7.1964100e-04	744.30	744.30	1.20	PERIOD
CARTGRID	00043872	BORON				
440157.60000	3873857.00000	7.3533260e-04	744.50	744.50	1.20	PERIOD
CARTGRID	00043872	BORON				
440207.60000	3873857.00000	7.4967640e-04	744.60	744.60	1.20	PERIOD
CARTGRID	00043872	BORON				
440257.60000	3873857.00000	7.6369200e-04	744.90	744.90	1.20	PERIOD
CARTGRID	00043872	BORON				
440307.60000	3873857.00000	7.7583000e-04	744.90	744.90	1.20	PERIOD
CARTGRID	00043872	BORON				
440357.60000	3873857.00000	7.8797120e-04	745.20	745.20	1.20	PERIOD
CARTGRID	00043872	BORON				
440407.60000	3873857.00000	7.9742270e-04	745.20	745.20	1.20	PERIOD
CARTGRID	00043872	BORON				
440457.60000	3873857.00000	8.0555780e-04	745.50	745.50	1.20	PERIOD
CARTGRID	00043872	BORON				
440507.60000	3873857.00000	8.1082080e-04	745.50	745.50	1.20	PERIOD
CARTGRID	00043872	BORON				
440557.60000	3873857.00000	8.1690230e-04	745.80	745.80	1.20	PERIOD
CARTGRID	00043872	BORON				
440607.60000	3873857.00000	8.2355210e-04	745.80	745.80	1.20	PERIOD
CARTGRID	00043872	BORON				
440657.60000	3873857.00000	8.3263110e-04	745.90	745.90	1.20	PERIOD
CARTGRID	00043872	BORON				
440707.60000	3873857.00000	8.4380920e-04	746.10	746.10	1.20	PERIOD
CARTGRID	00043872	BORON				
440757.60000	3873857.00000	8.5582280e-04	746.20	746.20	1.20	PERIOD
CARTGRID	00043872	BORON				
440807.60000	3873857.00000	8.6887860e-04	746.50	746.50	1.20	PERIOD
CARTGRID	00043872	BORON				
440857.60000	3873857.00000	8.8150940e-04	746.70	746.70	1.20	PERIOD
CARTGRID	00043872	BORON				
440907.60000	3873857.00000	8.9417440e-04	746.90	746.90	1.20	PERIOD
CARTGRID	00043872	BORON				
440957.60000	3873857.00000	9.0716720e-04	747.00	747.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441007.60000	3873857.00000	9.2127230e-04	747.10	747.10	1.20	PERIOD
CARTGRID	00043872	BORON				
441057.60000	3873857.00000	9.3666460e-04	747.40	747.40	1.20	PERIOD
CARTGRID	00043872	BORON				
441107.60000	3873857.00000	9.5182720e-04	747.70	747.70	1.20	PERIOD
CARTGRID	00043872	BORON				
441157.60000	3873857.00000	9.6600430e-04	748.00	748.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441207.60000	3873857.00000	9.7878660e-04	748.30	748.30	1.20	PERIOD
CARTGRID	00043872	BORON				

441257.60000	3873857.00000	9.8983440e-04	748.60	748.60	1.20	PERIOD
CARTGRID	00043872	BORON				
441307.60000	3873857.00000	9.9825240e-04	748.90	748.90	1.20	PERIOD
CARTGRID	00043872	BORON				
441357.60000	3873857.00000	1.0021890e-03	748.90	748.90	1.20	PERIOD
CARTGRID	00043872	BORON				
441407.60000	3873857.00000	1.0025200e-03	749.00	749.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441457.60000	3873857.00000	9.9959740e-04	749.20	749.20	1.20	PERIOD
CARTGRID	00043872	BORON				
439957.60000	3873907.00000	6.5112500e-04	743.40	743.40	1.20	PERIOD
CARTGRID	00043872	BORON				
440007.60000	3873907.00000	6.6683620e-04	743.60	743.60	1.20	PERIOD
CARTGRID	00043872	BORON				
440057.60000	3873907.00000	6.8191170e-04	743.80	743.80	1.20	PERIOD
CARTGRID	00043872	BORON				
440107.60000	3873907.00000	6.9679910e-04	744.00	744.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440157.60000	3873907.00000	7.1104690e-04	744.10	744.10	1.20	PERIOD
CARTGRID	00043872	BORON				
440207.60000	3873907.00000	7.2504880e-04	744.30	744.30	1.20	PERIOD
CARTGRID	00043872	BORON				
440257.60000	3873907.00000	7.3867270e-04	744.60	744.60	1.20	PERIOD
CARTGRID	00043872	BORON				
440307.60000	3873907.00000	7.5165520e-04	744.90	744.90	1.20	PERIOD
CARTGRID	00043872	BORON				
440357.60000	3873907.00000	7.6283680e-04	745.00	745.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440407.60000	3873907.00000	7.7241600e-04	745.20	745.20	1.20	PERIOD
CARTGRID	00043872	BORON				
440457.60000	3873907.00000	7.7921190e-04	745.30	745.30	1.20	PERIOD
CARTGRID	00043872	BORON				
440507.60000	3873907.00000	7.8414710e-04	745.40	745.40	1.20	PERIOD
CARTGRID	00043872	BORON				
440557.60000	3873907.00000	7.8895840e-04	745.50	745.50	1.20	PERIOD
CARTGRID	00043872	BORON				
440607.60000	3873907.00000	7.9520060e-04	745.60	745.60	1.20	PERIOD
CARTGRID	00043872	BORON				
440657.60000	3873907.00000	8.0360850e-04	745.80	745.80	1.20	PERIOD
CARTGRID	00043872	BORON				
440707.60000	3873907.00000	8.1346390e-04	745.90	745.90	1.20	PERIOD
CARTGRID	00043872	BORON				
440757.60000	3873907.00000	8.2512960e-04	746.20	746.20	1.20	PERIOD
CARTGRID	00043872	BORON				
440807.60000	3873907.00000	8.3690100e-04	746.30	746.30	1.20	PERIOD
CARTGRID	00043872	BORON				
440857.60000	3873907.00000	8.4913810e-04	746.50	746.50	1.20	PERIOD
CARTGRID	00043872	BORON				
440907.60000	3873907.00000	8.6172610e-04	746.80	746.80	1.20	PERIOD
CARTGRID	00043872	BORON				

440957.60000	3873907.00000	8.7394470e-04	746.80	746.80	1.20	PERIOD
CARTGRID	00043872	BORON				
441007.60000	3873907.00000	8.8695350e-04	746.80	746.80	1.20	PERIOD
CARTGRID	00043872	BORON				
441057.60000	3873907.00000	9.0101260e-04	747.00	747.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441107.60000	3873907.00000	9.1537590e-04	747.40	747.40	1.20	PERIOD
CARTGRID	00043872	BORON				
441157.60000	3873907.00000	9.2944240e-04	748.00	748.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441207.60000	3873907.00000	9.4149080e-04	748.30	748.30	1.20	PERIOD
CARTGRID	00043872	BORON				
441257.60000	3873907.00000	9.5190010e-04	748.60	748.60	1.20	PERIOD
CARTGRID	00043872	BORON				
441307.60000	3873907.00000	9.5900040e-04	748.60	748.60	1.20	PERIOD
CARTGRID	00043872	BORON				
441357.60000	3873907.00000	9.6358840e-04	748.90	748.90	1.20	PERIOD
CARTGRID	00043872	BORON				
441407.60000	3873907.00000	9.6386570e-04	749.00	749.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441457.60000	3873907.00000	9.6100500e-04	749.20	749.20	1.20	PERIOD
CARTGRID	00043872	BORON				
439957.60000	3873957.00000	6.3455590e-04	743.40	743.40	1.20	PERIOD
CARTGRID	00043872	BORON				
440007.60000	3873957.00000	6.4860410e-04	743.40	743.40	1.20	PERIOD
CARTGRID	00043872	BORON				
440057.60000	3873957.00000	6.6261190e-04	743.70	743.70	1.20	PERIOD
CARTGRID	00043872	BORON				
440107.60000	3873957.00000	6.7572230e-04	743.70	743.70	1.20	PERIOD
CARTGRID	00043872	BORON				
440157.60000	3873957.00000	6.8901750e-04	743.80	743.80	1.20	PERIOD
CARTGRID	00043872	BORON				
440207.60000	3873957.00000	7.0241560e-04	744.00	744.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440257.60000	3873957.00000	7.1664140e-04	744.60	744.60	1.20	PERIOD
CARTGRID	00043872	BORON				
440307.60000	3873957.00000	7.2908170e-04	744.80	744.80	1.20	PERIOD
CARTGRID	00043872	BORON				
440357.60000	3873957.00000	7.3992290e-04	744.90	744.90	1.20	PERIOD
CARTGRID	00043872	BORON				
440407.60000	3873957.00000	7.4928810e-04	745.20	745.20	1.20	PERIOD
CARTGRID	00043872	BORON				
440457.60000	3873957.00000	7.5518550e-04	745.20	745.20	1.20	PERIOD
CARTGRID	00043872	BORON				
440507.60000	3873957.00000	7.5929670e-04	745.20	745.20	1.20	PERIOD
CARTGRID	00043872	BORON				
440557.60000	3873957.00000	7.6414050e-04	745.50	745.50	1.20	PERIOD
CARTGRID	00043872	BORON				
440607.60000	3873957.00000	7.6933430e-04	745.50	745.50	1.20	PERIOD
CARTGRID	00043872	BORON				

440657.60000	3873957.00000	7.7656190e-04	745.60	745.60	1.20	PERIOD
CARTGRID	00043872	BORON				
440707.60000	3873957.00000	7.8569570e-04	745.80	745.80	1.20	PERIOD
CARTGRID	00043872	BORON				
440757.60000	3873957.00000	7.9616670e-04	746.00	746.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440807.60000	3873957.00000	8.0756470e-04	746.20	746.20	1.20	PERIOD
CARTGRID	00043872	BORON				
440857.60000	3873957.00000	8.1960050e-04	746.50	746.50	1.20	PERIOD
CARTGRID	00043872	BORON				
440907.60000	3873957.00000	8.3094900e-04	746.50	746.50	1.20	PERIOD
CARTGRID	00043872	BORON				
440957.60000	3873957.00000	8.4264620e-04	746.50	746.50	1.20	PERIOD
CARTGRID	00043872	BORON				
441007.60000	3873957.00000	8.5542820e-04	746.70	746.70	1.20	PERIOD
CARTGRID	00043872	BORON				
441057.60000	3873957.00000	8.6850420e-04	746.90	746.90	1.20	PERIOD
CARTGRID	00043872	BORON				
441107.60000	3873957.00000	8.8219690e-04	747.40	747.40	1.20	PERIOD
CARTGRID	00043872	BORON				
441157.60000	3873957.00000	8.9540010e-04	748.00	748.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441207.60000	3873957.00000	9.0672870e-04	748.30	748.30	1.20	PERIOD
CARTGRID	00043872	BORON				
441257.60000	3873957.00000	9.1653410e-04	748.60	748.60	1.20	PERIOD
CARTGRID	00043872	BORON				
441307.60000	3873957.00000	9.2343480e-04	748.70	748.70	1.20	PERIOD
CARTGRID	00043872	BORON				
441357.60000	3873957.00000	9.2743590e-04	748.90	748.90	1.20	PERIOD
CARTGRID	00043872	BORON				
441407.60000	3873957.00000	9.2790540e-04	749.10	749.10	1.20	PERIOD
CARTGRID	00043872	BORON				
441457.60000	3873957.00000	9.2482570e-04	749.20	749.20	1.20	PERIOD
CARTGRID	00043872	BORON				
439957.60000	3874007.00000	6.1917930e-04	743.40	743.40	1.20	PERIOD
CARTGRID	00043872	BORON				
440007.60000	3874007.00000	6.3210510e-04	743.40	743.40	1.20	PERIOD
CARTGRID	00043872	BORON				
440057.60000	3874007.00000	6.4494750e-04	743.70	743.70	1.20	PERIOD
CARTGRID	00043872	BORON				
440107.60000	3874007.00000	6.5696220e-04	743.70	743.70	1.20	PERIOD
CARTGRID	00043872	BORON				
440157.60000	3874007.00000	6.6918790e-04	743.70	743.70	1.20	PERIOD
CARTGRID	00043872	BORON				
440207.60000	3874007.00000	6.8157710e-04	743.70	743.70	1.20	PERIOD
CARTGRID	00043872	BORON				
440257.60000	3874007.00000	6.9633410e-04	744.60	744.60	1.20	PERIOD
CARTGRID	00043872	BORON				
440307.60000	3874007.00000	7.0877360e-04	744.90	744.90	1.20	PERIOD
CARTGRID	00043872	BORON				

440357.60000	3874007.00000	7.1893190e-04	744.90	744.90	1.20	PERIOD
CARTGRID	00043872	BORON				
440407.60000	3874007.00000	7.2774150e-04	745.20	745.20	1.20	PERIOD
CARTGRID	00043872	BORON				
440457.60000	3874007.00000	7.3313680e-04	745.20	745.20	1.20	PERIOD
CARTGRID	00043872	BORON				
440507.60000	3874007.00000	7.3684830e-04	745.20	745.20	1.20	PERIOD
CARTGRID	00043872	BORON				
440557.60000	3874007.00000	7.4117980e-04	745.50	745.50	1.20	PERIOD
CARTGRID	00043872	BORON				
440607.60000	3874007.00000	7.4570970e-04	745.50	745.50	1.20	PERIOD
CARTGRID	00043872	BORON				
440657.60000	3874007.00000	7.5182440e-04	745.50	745.50	1.20	PERIOD
CARTGRID	00043872	BORON				
440707.60000	3874007.00000	7.6024610e-04	745.80	745.80	1.20	PERIOD
CARTGRID	00043872	BORON				
440757.60000	3874007.00000	7.6987530e-04	746.00	746.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440807.60000	3874007.00000	7.8059080e-04	746.20	746.20	1.20	PERIOD
CARTGRID	00043872	BORON				
440857.60000	3874007.00000	7.9209630e-04	746.50	746.50	1.20	PERIOD
CARTGRID	00043872	BORON				
440907.60000	3874007.00000	8.0382030e-04	746.80	746.80	1.20	PERIOD
CARTGRID	00043872	BORON				
440957.60000	3874007.00000	8.1414510e-04	746.50	746.50	1.20	PERIOD
CARTGRID	00043872	BORON				
441007.60000	3874007.00000	8.2641000e-04	746.80	746.80	1.20	PERIOD
CARTGRID	00043872	BORON				
441057.60000	3874007.00000	8.3863280e-04	747.00	747.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441107.60000	3874007.00000	8.5142770e-04	747.50	747.50	1.20	PERIOD
CARTGRID	00043872	BORON				
441157.60000	3874007.00000	8.6363290e-04	748.00	748.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441207.60000	3874007.00000	8.7486270e-04	748.50	748.50	1.20	PERIOD
CARTGRID	00043872	BORON				
441257.60000	3874007.00000	8.8378520e-04	748.70	748.70	1.20	PERIOD
CARTGRID	00043872	BORON				
441307.60000	3874007.00000	8.9043970e-04	748.90	748.90	1.20	PERIOD
CARTGRID	00043872	BORON				
441357.60000	3874007.00000	8.9408210e-04	749.10	749.10	1.20	PERIOD
CARTGRID	00043872	BORON				
441407.60000	3874007.00000	8.9415860e-04	749.20	749.20	1.20	PERIOD
CARTGRID	00043872	BORON				
441457.60000	3874007.00000	8.9084710e-04	749.20	749.20	1.20	PERIOD
CARTGRID	00043872	BORON				
439957.60000	3874057.00000	6.0608680e-04	743.90	743.90	1.20	PERIOD
CARTGRID	00043872	BORON				
440007.60000	3874057.00000	6.1796950e-04	743.90	743.90	1.20	PERIOD
CARTGRID	00043872	BORON				

440057.60000	3874057.00000	6.2898700e-04	743.90	743.90	1.20	PERIOD
CARTGRID	00043872	BORON				
440107.60000	3874057.00000	6.4008050e-04	743.90	743.90	1.20	PERIOD
CARTGRID	00043872	BORON				
440157.60000	3874057.00000	6.5192420e-04	744.00	744.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440207.60000	3874057.00000	6.6469020e-04	744.30	744.30	1.20	PERIOD
CARTGRID	00043872	BORON				
440257.60000	3874057.00000	6.7746430e-04	744.60	744.60	1.20	PERIOD
CARTGRID	00043872	BORON				
440307.60000	3874057.00000	6.8957260e-04	744.90	744.90	1.20	PERIOD
CARTGRID	00043872	BORON				
440357.60000	3874057.00000	7.0014710e-04	745.20	745.20	1.20	PERIOD
CARTGRID	00043872	BORON				
440407.60000	3874057.00000	7.0758480e-04	745.20	745.20	1.20	PERIOD
CARTGRID	00043872	BORON				
440457.60000	3874057.00000	7.1312620e-04	745.40	745.40	1.20	PERIOD
CARTGRID	00043872	BORON				
440507.60000	3874057.00000	7.1674200e-04	745.50	745.50	1.20	PERIOD
CARTGRID	00043872	BORON				
440557.60000	3874057.00000	7.1985250e-04	745.50	745.50	1.20	PERIOD
CARTGRID	00043872	BORON				
440607.60000	3874057.00000	7.2380830e-04	745.50	745.50	1.20	PERIOD
CARTGRID	00043872	BORON				
440657.60000	3874057.00000	7.2936490e-04	745.60	745.60	1.20	PERIOD
CARTGRID	00043872	BORON				
440707.60000	3874057.00000	7.3668110e-04	745.80	745.80	1.20	PERIOD
CARTGRID	00043872	BORON				
440757.60000	3874057.00000	7.4600820e-04	746.20	746.20	1.20	PERIOD
CARTGRID	00043872	BORON				
440807.60000	3874057.00000	7.5599840e-04	746.40	746.40	1.20	PERIOD
CARTGRID	00043872	BORON				
440857.60000	3874057.00000	7.6719630e-04	746.80	746.80	1.20	PERIOD
CARTGRID	00043872	BORON				
440907.60000	3874057.00000	7.7759420e-04	746.80	746.80	1.20	PERIOD
CARTGRID	00043872	BORON				
440957.60000	3874057.00000	7.8869170e-04	747.00	747.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441007.60000	3874057.00000	7.9944400e-04	747.00	747.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441057.60000	3874057.00000	8.1088170e-04	747.20	747.20	1.20	PERIOD
CARTGRID	00043872	BORON				
441107.60000	3874057.00000	8.2319360e-04	747.80	747.80	1.20	PERIOD
CARTGRID	00043872	BORON				
441157.60000	3874057.00000	8.3470390e-04	748.30	748.30	1.20	PERIOD
CARTGRID	00043872	BORON				
441207.60000	3874057.00000	8.4506620e-04	748.70	748.70	1.20	PERIOD
CARTGRID	00043872	BORON				
441257.60000	3874057.00000	8.5369580e-04	749.00	749.00	1.20	PERIOD
CARTGRID	00043872	BORON				

441307.60000	3874057.00000	8.5953430e-04	749.10	749.10	1.20	PERIOD
CARTGRID	00043872	BORON				
441357.60000	3874057.00000	8.6249890e-04	749.20	749.20	1.20	PERIOD
CARTGRID	00043872	BORON				
441407.60000	3874057.00000	8.6267260e-04	749.40	749.40	1.20	PERIOD
CARTGRID	00043872	BORON				
441457.60000	3874057.00000	8.6025530e-04	749.70	749.70	1.20	PERIOD
CARTGRID	00043872	BORON				
440683.00000	3872824.00000	4.5092660e-03	754.00	754.00	1.20	PERIOD
SENSITIV	00043872					
440288.00000	3872787.00000	7.9249870e-03	753.61	753.61	1.20	PERIOD
SENSITIV	00043872					
440157.30000	3872789.00000	7.2073680e-03	753.00	753.00	1.20	PERIOD
SENSITIV	00043872					
439914.60000	3872794.00000	4.1200080e-03	752.00	752.00	1.20	PERIOD
SENSITIV	00043872					
442261.30000	3871403.00000	5.9834230e-03	775.00	775.00	1.20	PERIOD
PROPERTY	00043872					
442263.60000	3871503.00000	1.3231960e-02	774.09	774.09	1.20	PERIOD
PROPERTY	00043872					
442265.80000	3871603.00000	1.4772020e-02	773.08	773.08	1.20	PERIOD
PROPERTY	00043872					
442268.00000	3871703.00000	1.5351780e-02	772.00	772.00	1.20	PERIOD
PROPERTY	00043872					
442270.30000	3871803.00000	1.5436930e-02	770.42	770.42	1.20	PERIOD
PROPERTY	00043872					
442272.50000	3871903.00000	1.5477580e-02	769.01	769.01	1.20	PERIOD
PROPERTY	00043872					
442274.70000	3872003.00000	1.5652300e-02	768.79	768.79	1.20	PERIOD
PROPERTY	00043872					
442276.90000	3872103.00000	1.5586450e-02	768.00	768.00	1.20	PERIOD
PROPERTY	00043872					
442279.20000	3872203.00000	1.5471690e-02	768.03	768.03	1.20	PERIOD
PROPERTY	00043872					
442281.40000	3872303.00000	1.4912180e-02	767.00	767.00	1.20	PERIOD
PROPERTY	00043872					
442283.60000	3872403.00000	1.3369650e-02	765.68	765.68	1.20	PERIOD
PROPERTY	00043872					
442284.20000	3872428.00000	1.2068620e-02	765.28	765.28	1.20	PERIOD
PROPERTY	00043872					
442184.30000	3872431.00000	1.6747300e-02	764.56	764.56	1.20	PERIOD
PROPERTY	00043872					
442084.30000	3872435.00000	1.7716730e-02	764.28	764.28	1.20	PERIOD
PROPERTY	00043872					
441984.40000	3872438.00000	1.8139620e-02	764.00	764.00	1.20	PERIOD
PROPERTY	00043872					
441884.40000	3872441.00000	1.8150850e-02	763.28	763.28	1.20	PERIOD
PROPERTY	00043872					
441784.50000	3872445.00000	1.7764190e-02	763.00	763.00	1.20	PERIOD
PROPERTY	00043872					



441684.50000	3872448.00000	1.7065810e-02	762.00	762.00	1.20	PERIOD
PROPERTY	00043872					
441584.60000	3872451.00000	1.5603130e-02	762.00	762.00	1.20	PERIOD
PROPERTY	00043872					
441487.60000	3872455.00000	9.9499600e-03	761.00	761.00	1.20	PERIOD
PROPERTY	00043872					
441485.00000	3872355.00000	1.3486750e-02	762.00	762.00	1.20	PERIOD
PROPERTY	00043872					
441482.40000	3872255.00000	1.8821730e-02	762.00	762.00	1.20	PERIOD
PROPERTY	00043872					
441482.30000	3872248.00000	1.9482830e-02	762.00	762.00	1.20	PERIOD
PROPERTY	00043872					
441382.30000	3872252.00000	1.6042890e-02	761.23	761.23	1.20	PERIOD
PROPERTY	00043872					
441283.60000	3872255.00000	9.9963430e-03	761.00	761.00	1.20	PERIOD
PROPERTY	00043872					
441281.30000	3872155.00000	1.2366350e-02	761.68	761.68	1.20	PERIOD
PROPERTY	00043872					
441279.00000	3872055.00000	1.3453320e-02	763.00	763.00	1.20	PERIOD
PROPERTY	00043872					
441276.70000	3871955.00000	1.4983300e-02	764.35	764.35	1.20	PERIOD
PROPERTY	00043872					
441274.30000	3871855.00000	1.9595590e-02	766.00	766.00	1.20	PERIOD
PROPERTY	00043872					
441274.10000	3871844.00000	2.0626840e-02	766.01	766.01	1.20	PERIOD
PROPERTY	00043872					
441174.10000	3871847.00000	1.8518470e-02	766.00	766.00	1.20	PERIOD
PROPERTY	00043872					
441074.20000	3871850.00000	1.7709810e-02	766.72	766.72	1.20	PERIOD
PROPERTY	00043872					
440974.20000	3871853.00000	1.6858070e-02	766.75	766.75	1.20	PERIOD
PROPERTY	00043872					
440874.30000	3871856.00000	1.5786270e-02	766.65	766.65	1.20	PERIOD
PROPERTY	00043872					
440774.30000	3871859.00000	1.3972900e-02	766.55	766.55	1.20	PERIOD
PROPERTY	00043872					
440676.30000	3871862.00000	8.1003500e-03	766.00	766.00	1.20	PERIOD
PROPERTY	00043872					
440674.00000	3871762.00000	1.0029520e-02	768.00	768.00	1.20	PERIOD
PROPERTY	00043872					
440671.70000	3871662.00000	9.8910750e-03	768.00	768.00	1.20	PERIOD
PROPERTY	00043872					
440669.30000	3871562.00000	9.0103830e-03	768.45	768.45	1.20	PERIOD
PROPERTY	00043872					
440667.00000	3871463.00000	5.7178350e-03	770.43	770.43	1.20	PERIOD
PROPERTY	00043872					
440666.80000	3871450.00000	4.8867340e-03	770.64	770.64	1.20	PERIOD
PROPERTY	00043872					
440766.70000	3871447.00000	7.1334770e-03	771.00	771.00	1.20	PERIOD
PROPERTY	00043872					

440866.70000	3871444.00000	7.8669240e-03	771.00	771.00	1.20	PERIOD
PROPERTY	00043872					
440966.60000	3871441.00000	8.4065890e-03	771.48	771.48	1.20	PERIOD
PROPERTY	00043872					
441066.60000	3871438.00000	8.7111560e-03	771.58	771.58	1.20	PERIOD
PROPERTY	00043872					
441166.50000	3871435.00000	8.9455250e-03	771.68	771.68	1.20	PERIOD
PROPERTY	00043872					
441266.50000	3871432.00000	8.9717150e-03	771.00	771.00	1.20	PERIOD
PROPERTY	00043872					
441366.40000	3871429.00000	8.9403490e-03	770.00	770.00	1.20	PERIOD
PROPERTY	00043872					
441466.40000	3871426.00000	9.0194410e-03	769.98	769.98	1.20	PERIOD
PROPERTY	00043872					
441566.40000	3871423.00000	9.0511820e-03	770.08	770.08	1.20	PERIOD
PROPERTY	00043872					
441666.30000	3871420.00000	9.2192300e-03	771.16	771.16	1.20	PERIOD
PROPERTY	00043872					
441766.30000	3871417.00000	9.1511350e-03	771.28	771.28	1.20	PERIOD
PROPERTY	00043872					
441866.20000	3871415.00000	9.2220110e-03	771.70	771.70	1.20	PERIOD
PROPERTY	00043872					
441966.20000	3871412.00000	9.6139830e-03	773.88	773.88	1.20	PERIOD
PROPERTY	00043872					
442066.10000	3871409.00000	9.1741490e-03	774.00	774.00	1.20	PERIOD
PROPERTY	00043872					
442166.10000	3871406.00000	8.4266310e-03	774.84	774.84	1.20	PERIOD
PROPERTY	00043872					
440693.20000	3872567.00000	1.0026660e-02	757.00	757.00	1.20	PERIOD
PROPERTY	00043872					
440695.70000	3872667.00000	1.2709790e-02	756.00	756.00	1.20	PERIOD
PROPERTY	00043872					
440696.30000	3872690.00000	1.1485700e-02	755.85	755.85	1.20	PERIOD
PROPERTY	00043872					
440596.30000	3872692.00000	1.6700280e-02	755.78	755.78	1.20	PERIOD
PROPERTY	00043872					
440496.30000	3872695.00000	1.8534960e-02	755.68	755.68	1.20	PERIOD
PROPERTY	00043872					
440495.40000	3872695.00000	1.8553990e-02	755.68	755.68	1.20	PERIOD
PROPERTY	00043872					
440496.80000	3872723.00000	1.4599400e-02	755.00	755.00	1.20	PERIOD
PROPERTY	00043872					
440396.80000	3872722.00000	1.6638260e-02	754.78	754.78	1.20	PERIOD
PROPERTY	00043872					
440296.80000	3872722.00000	1.6147960e-02	754.00	754.00	1.20	PERIOD
PROPERTY	00043872					
440196.80000	3872721.00000	1.5831680e-02	754.00	754.00	1.20	PERIOD
PROPERTY	00043872					
440096.80000	3872720.00000	1.5165750e-02	753.85	753.85	1.20	PERIOD
PROPERTY	00043872					

439996.80000	3872720.00000	1.3352720e-02	753.00	753.00	1.20	PERIOD
PROPERTY	00043872					
439896.80000	3872719.00000	8.1628210e-03	752.88	752.88	1.20	PERIOD
PROPERTY	00043872					
439887.70000	3872719.00000	7.1644700e-03	752.88	752.88	1.20	PERIOD
PROPERTY	00043872					
439885.90000	3872619.00000	8.5663520e-03	754.00	754.00	1.20	PERIOD
PROPERTY	00043872					
439885.10000	3872574.00000	7.0781790e-03	754.00	754.00	1.20	PERIOD
PROPERTY	00043872					
439985.10000	3872573.00000	1.1933300e-02	754.96	754.96	1.20	PERIOD
PROPERTY	00043872					
440085.10000	3872572.00000	1.4123900e-02	756.00	756.00	1.20	PERIOD
PROPERTY	00043872					
440185.10000	3872571.00000	1.4875880e-02	755.91	755.91	1.20	PERIOD
PROPERTY	00043872					
440285.10000	3872570.00000	1.5208330e-02	756.00	756.00	1.20	PERIOD
PROPERTY	00043872					
440385.10000	3872570.00000	1.5319590e-02	756.00	756.00	1.20	PERIOD
PROPERTY	00043872					
440485.10000	3872569.00000	1.5270970e-02	757.00	757.00	1.20	PERIOD
PROPERTY	00043872					
440585.10000	3872568.00000	1.4366620e-02	757.00	757.00	1.20	PERIOD
PROPERTY	00043872					
440685.10000	3872567.00000	1.0584330e-02	757.00	757.00	1.20	PERIOD
PROPERTY	00043872					
440685.70000	3872275.00000	6.5577430e-03	761.00	761.00	1.20	PERIOD
PROPERTY	00043872					
440688.30000	3872375.00000	1.3140400e-02	760.00	760.00	1.20	PERIOD
PROPERTY	00043872					
440690.80000	3872475.00000	1.3192850e-02	758.01	758.01	1.20	PERIOD
PROPERTY	00043872					
440692.00000	3872520.00000	1.2123230e-02	758.00	758.00	1.20	PERIOD
PROPERTY	00043872					
440592.00000	3872522.00000	1.7244790e-02	758.00	758.00	1.20	PERIOD
PROPERTY	00043872					
440492.00000	3872523.00000	1.7995360e-02	757.41	757.41	1.20	PERIOD
PROPERTY	00043872					
440392.00000	3872525.00000	1.8054580e-02	757.00	757.00	1.20	PERIOD
PROPERTY	00043872					
440292.00000	3872526.00000	1.7863920e-02	756.31	756.31	1.20	PERIOD
PROPERTY	00043872					
440192.10000	3872528.00000	1.7463410e-02	756.25	756.25	1.20	PERIOD
PROPERTY	00043872					
440092.10000	3872529.00000	1.6705720e-02	756.00	756.00	1.20	PERIOD
PROPERTY	00043872					
439992.10000	3872531.00000	1.4718410e-02	755.08	755.08	1.20	PERIOD
PROPERTY	00043872					
439892.10000	3872532.00000	9.0176870e-03	755.00	755.00	1.20	PERIOD
PROPERTY	00043872					

439884.50000	3872532.00000	8.1657520e-03	755.00	755.00	1.20	PERIOD
PROPERTY	00043872					
439883.00000	3872432.00000	8.8987680e-03	756.00	756.00	1.20	PERIOD
PROPERTY	00043872					
439881.50000	3872332.00000	7.5663370e-03	757.78	757.78	1.20	PERIOD
PROPERTY	00043872					
439880.80000	3872278.00000	4.4972030e-03	758.58	758.58	1.20	PERIOD
PROPERTY	00043872					
439980.80000	3872278.00000	6.9899440e-03	758.87	758.87	1.20	PERIOD
PROPERTY	00043872					
440080.80000	3872277.00000	7.6879390e-03	759.00	759.00	1.20	PERIOD
PROPERTY	00043872					
440180.80000	3872277.00000	8.3394130e-03	759.61	759.61	1.20	PERIOD
PROPERTY	00043872					
440280.80000	3872277.00000	8.6402600e-03	759.61	759.61	1.20	PERIOD
PROPERTY	00043872					
440380.80000	3872276.00000	8.7527600e-03	760.00	760.00	1.20	PERIOD
PROPERTY	00043872					
440480.80000	3872276.00000	8.8495370e-03	760.65	760.65	1.20	PERIOD
PROPERTY	00043872					
440580.80000	3872275.00000	8.4839110e-03	761.00	761.00	1.20	PERIOD
PROPERTY	00043872					
440680.80000	3872275.00000	6.7369180e-03	761.00	761.00	1.20	PERIOD
PROPERTY	00043872					

## *GLC Period Files*

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Project Site 2

\* AERMOD ( 19191): HARP GENERATED FILE  
 09/10/20  
 \* AERMET ( 14134):  
 16:04:52  
 \* MODELING OPTIONS USED: RegDEFAULT CONC ELEV FLGPOL RURAL  
 \* PLOT FILE OF PERIOD VALUES FOR SOURCE GROUP: ALL  
 \* FOR A TOTAL OF 2451 RECEPTORS.  
 \* FORMAT: (3(1X,F13.5),3(1X,F8.2),2X,A6,2X,A8,2X,I8.8,2X,A8)

* X	Y	AVERAGE CONC	ZELEV	ZHILL	ZFLAG	AVE	GRP
NUM HRS	NET ID						
430733.00000	3864761.00000	6.6289320e-05	724.10	724.10	1.20	PERIOD	
CARTGRID 00043872	COURSE						
431233.00000	3864761.00000	7.1976350e-05	725.10	725.10	1.20	PERIOD	
CARTGRID 00043872	COURSE						
431733.00000	3864761.00000	8.2284070e-05	732.00	732.00	1.20	PERIOD	
CARTGRID 00043872	COURSE						
432233.00000	3864761.00000	9.6323890e-05	744.10	744.10	1.20	PERIOD	
CARTGRID 00043872	COURSE						
432733.00000	3864761.00000	1.1054140e-04	754.30	754.30	1.20	PERIOD	
CARTGRID 00043872	COURSE						
433233.00000	3864761.00000	1.1587300e-04	767.80	767.80	1.20	PERIOD	
CARTGRID 00043872	COURSE						
433733.00000	3864761.00000	8.9748280e-05	789.90	789.90	1.20	PERIOD	
CARTGRID 00043872	COURSE						
434233.00000	3864761.00000	5.5803880e-05	818.20	922.00	1.20	PERIOD	
CARTGRID 00043872	COURSE						
434733.00000	3864761.00000	4.0253440e-05	856.60	922.00	1.20	PERIOD	
CARTGRID 00043872	COURSE						
435233.00000	3864761.00000	3.4833000e-05	901.00	909.00	1.20	PERIOD	
CARTGRID 00043872	COURSE						
435733.00000	3864761.00000	3.4921860e-05	903.00	903.00	1.20	PERIOD	
CARTGRID 00043872	COURSE						
436233.00000	3864761.00000	3.8120800e-05	898.00	898.00	1.20	PERIOD	
CARTGRID 00043872	COURSE						
436733.00000	3864761.00000	3.8831680e-05	910.30	910.30	1.20	PERIOD	
CARTGRID 00043872	COURSE						
437233.00000	3864761.00000	4.1408610e-05	893.80	893.80	1.20	PERIOD	
CARTGRID 00043872	COURSE						
437733.00000	3864761.00000	4.3096950e-05	893.80	893.80	1.20	PERIOD	
CARTGRID 00043872	COURSE						
438233.00000	3864761.00000	4.2919230e-05	902.00	902.00	1.20	PERIOD	
CARTGRID 00043872	COURSE						
438733.00000	3864761.00000	3.8298530e-05	917.70	917.70	1.20	PERIOD	
CARTGRID 00043872	COURSE						
439233.00000	3864761.00000	3.5277290e-05	925.70	925.70	1.20	PERIOD	
CARTGRID 00043872	COURSE						

439733.00000	3864761.00000	3.3411240e-05	939.40	939.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
440233.00000	3864761.00000	3.0123430e-05	942.10	942.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
440733.00000	3864761.00000	2.6835620e-05	909.90	932.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
441233.00000	3864761.00000	2.4880710e-05	891.60	891.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
441733.00000	3864761.00000	2.4791850e-05	876.00	876.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
442233.00000	3864761.00000	2.4525270e-05	865.20	865.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
442733.00000	3864761.00000	2.3992120e-05	859.10	859.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
443233.00000	3864761.00000	2.4969570e-05	853.90	853.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
443733.00000	3864761.00000	2.5325010e-05	852.10	852.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
444233.00000	3864761.00000	2.4702990e-05	852.00	852.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
444733.00000	3864761.00000	2.4080970e-05	859.20	859.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
445233.00000	3864761.00000	2.3192380e-05	874.90	874.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
445733.00000	3864761.00000	2.2303780e-05	893.00	893.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
430733.00000	3865261.00000	7.3486960e-05	741.80	774.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
431233.00000	3865261.00000	7.4642140e-05	731.00	731.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
431733.00000	3865261.00000	8.0862320e-05	727.80	727.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
432233.00000	3865261.00000	9.3124950e-05	736.90	736.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
432733.00000	3865261.00000	1.0885310e-04	744.60	744.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
433233.00000	3865261.00000	1.2369270e-04	761.30	761.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
433733.00000	3865261.00000	1.1000830e-04	781.90	933.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
434233.00000	3865261.00000	6.8421960e-05	808.20	961.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
434733.00000	3865261.00000	4.1586330e-05	875.20	933.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
435233.00000	3865261.00000	3.7587650e-05	916.70	916.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
435733.00000	3865261.00000	3.6254750e-05	931.40	941.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
436233.00000	3865261.00000	3.8831680e-05	917.90	917.90	1.20	PERIOD
CARTGRID	00043872	COURSE				

436733.00000	3865261.00000	4.1408610e-05	910.80	946.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
437233.00000	3865261.00000	4.2741510e-05	904.50	904.50	1.20	PERIOD
CARTGRID 00043872 COURSE						
437733.00000	3865261.00000	4.4429840e-05	907.50	907.50	1.20	PERIOD
CARTGRID 00043872 COURSE						
438233.00000	3865261.00000	4.5140720e-05	909.80	909.80	1.20	PERIOD
CARTGRID 00043872 COURSE						
438733.00000	3865261.00000	4.1319750e-05	918.10	918.10	1.20	PERIOD
CARTGRID 00043872 COURSE						
439233.00000	3865261.00000	3.7676510e-05	930.40	930.40	1.20	PERIOD
CARTGRID 00043872 COURSE						
439733.00000	3865261.00000	3.5455010e-05	938.70	938.70	1.20	PERIOD
CARTGRID 00043872 COURSE						
440233.00000	3865261.00000	3.1989490e-05	926.30	926.30	1.20	PERIOD
CARTGRID 00043872 COURSE						
440733.00000	3865261.00000	2.8346240e-05	897.20	915.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
441233.00000	3865261.00000	2.7368780e-05	879.00	879.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
441733.00000	3865261.00000	2.7457640e-05	865.90	865.90	1.20	PERIOD
CARTGRID 00043872 COURSE						
442233.00000	3865261.00000	2.7191060e-05	855.60	855.60	1.20	PERIOD
CARTGRID 00043872 COURSE						
442733.00000	3865261.00000	2.6835620e-05	851.50	851.50	1.20	PERIOD
CARTGRID 00043872 COURSE						
443233.00000	3865261.00000	2.8257380e-05	848.00	848.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
443733.00000	3865261.00000	2.7990800e-05	846.90	846.90	1.20	PERIOD
CARTGRID 00043872 COURSE						
444233.00000	3865261.00000	2.7901940e-05	846.70	846.70	1.20	PERIOD
CARTGRID 00043872 COURSE						
444733.00000	3865261.00000	2.7191060e-05	855.10	855.10	1.20	PERIOD
CARTGRID 00043872 COURSE						
445233.00000	3865261.00000	2.6035890e-05	865.90	865.90	1.20	PERIOD
CARTGRID 00043872 COURSE						
445733.00000	3865261.00000	2.4080970e-05	879.40	910.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
430733.00000	3865761.00000	8.2195210e-05	762.60	766.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
431233.00000	3865761.00000	8.2817230e-05	743.50	743.50	1.20	PERIOD
CARTGRID 00043872 COURSE						
431733.00000	3865761.00000	8.4505560e-05	734.00	734.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
432233.00000	3865761.00000	9.1792060e-05	730.30	730.30	1.20	PERIOD
CARTGRID 00043872 COURSE						
432733.00000	3865761.00000	1.0600960e-04	737.00	737.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
433233.00000	3865761.00000	1.2404810e-04	751.40	751.40	1.20	PERIOD
CARTGRID 00043872 COURSE						



433733.00000	3865761.00000	1.3400040e-04	769.30	941.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
434233.00000	3865761.00000	9.4902150e-05	794.00	961.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
434733.00000	3865761.00000	5.6337040e-05	832.00	961.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
435233.00000	3865761.00000	4.2208350e-05	901.90	961.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
435733.00000	3865761.00000	3.9187120e-05	951.10	961.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
436233.00000	3865761.00000	4.0164580e-05	939.10	971.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
436733.00000	3865761.00000	4.2919230e-05	930.10	957.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
437233.00000	3865761.00000	4.4163270e-05	919.30	926.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
437733.00000	3865761.00000	4.4874140e-05	930.90	964.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
438233.00000	3865761.00000	4.7006770e-05	922.70	964.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
438733.00000	3865761.00000	4.4163270e-05	924.30	945.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
439233.00000	3865761.00000	4.2119490e-05	904.40	904.40	1.20	PERIOD
CARTGRID 00043872 COURSE						
439733.00000	3865761.00000	3.8831680e-05	912.00	930.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
440233.00000	3865761.00000	3.4655280e-05	895.70	928.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
440733.00000	3865761.00000	3.1100890e-05	877.90	916.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
441233.00000	3865761.00000	3.1634050e-05	863.20	863.20	1.20	PERIOD
CARTGRID 00043872 COURSE						
441733.00000	3865761.00000	3.1100890e-05	853.70	853.70	1.20	PERIOD
CARTGRID 00043872 COURSE						
442233.00000	3865761.00000	3.0567730e-05	846.00	846.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
442733.00000	3865761.00000	3.2167210e-05	840.90	840.90	1.20	PERIOD
CARTGRID 00043872 COURSE						
443233.00000	3865761.00000	3.1989490e-05	842.00	842.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
443733.00000	3865761.00000	3.1545190e-05	841.00	841.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
444233.00000	3865761.00000	3.1722910e-05	843.00	843.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
444733.00000	3865761.00000	2.9856850e-05	852.80	852.80	1.20	PERIOD
CARTGRID 00043872 COURSE						
445233.00000	3865761.00000	2.7724220e-05	864.80	864.80	1.20	PERIOD
CARTGRID 00043872 COURSE						
445733.00000	3865761.00000	2.4169830e-05	885.80	885.80	1.20	PERIOD
CARTGRID 00043872 COURSE						

430733.00000	3866261.00000	9.7123640e-05	765.50	765.50	1.20	PERIOD
CARTGRID 00043872 COURSE						
431233.00000	3866261.00000	9.5524160e-05	749.40	749.40	1.20	PERIOD
CARTGRID 00043872 COURSE						
431733.00000	3866261.00000	9.3569240e-05	737.20	737.20	1.20	PERIOD
CARTGRID 00043872 COURSE						
432233.00000	3866261.00000	9.5790740e-05	729.00	729.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
432733.00000	3866261.00000	1.0538760e-04	732.00	732.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
433233.00000	3866261.00000	1.2262640e-04	741.90	741.90	1.20	PERIOD
CARTGRID 00043872 COURSE						
433733.00000	3866261.00000	1.4208660e-04	758.60	961.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
434233.00000	3866261.00000	1.4226440e-04	774.50	961.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
434733.00000	3866261.00000	8.7349070e-05	801.90	971.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
435233.00000	3866261.00000	6.2379500e-05	827.60	971.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
435733.00000	3866261.00000	4.8339670e-05	866.90	971.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
436233.00000	3866261.00000	4.2830370e-05	960.40	960.40	1.20	PERIOD
CARTGRID 00043872 COURSE						
436733.00000	3866261.00000	4.5762740e-05	938.00	972.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
437233.00000	3866261.00000	4.6740200e-05	933.50	1001.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
437733.00000	3866261.00000	4.8339670e-05	931.30	996.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
438233.00000	3866261.00000	5.3315810e-05	901.80	1034.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
438733.00000	3866261.00000	5.2249500e-05	887.20	1034.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
439233.00000	3866261.00000	4.8339670e-05	879.00	879.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
439733.00000	3866261.00000	4.3807820e-05	880.30	928.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
440233.00000	3866261.00000	3.9009400e-05	868.20	927.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
440733.00000	3866261.00000	3.7409930e-05	855.50	855.50	1.20	PERIOD
CARTGRID 00043872 COURSE						
441233.00000	3866261.00000	3.8031940e-05	846.10	846.10	1.20	PERIOD
CARTGRID 00043872 COURSE						
441733.00000	3866261.00000	3.7143350e-05	838.00	838.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
442233.00000	3866261.00000	3.6876770e-05	834.00	834.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
442733.00000	3866261.00000	3.8387380e-05	832.60	832.60	1.20	PERIOD
CARTGRID 00043872 COURSE						

443233.00000	3866261.00000	3.7143350e-05	833.20	833.20	1.20	PERIOD
CARTGRID 00043872 COURSE						
443733.00000	3866261.00000	3.6787910e-05	834.00	834.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
444233.00000	3866261.00000	3.5366160e-05	840.00	840.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
444733.00000	3866261.00000	3.2700370e-05	851.10	851.10	1.20	PERIOD
CARTGRID 00043872 COURSE						
445233.00000	3866261.00000	2.9234840e-05	865.10	865.10	1.20	PERIOD
CARTGRID 00043872 COURSE						
445733.00000	3866261.00000	2.7901940e-05	867.10	867.10	1.20	PERIOD
CARTGRID 00043872 COURSE						
430733.00000	3866761.00000	1.1480670e-04	748.20	748.20	1.20	PERIOD
CARTGRID 00043872 COURSE						
431233.00000	3866761.00000	1.1205210e-04	740.30	740.30	1.20	PERIOD
CARTGRID 00043872 COURSE						
431733.00000	3866761.00000	1.0885310e-04	739.90	750.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
432233.00000	3866761.00000	1.0618730e-04	727.60	727.60	1.20	PERIOD
CARTGRID 00043872 COURSE						
432733.00000	3866761.00000	1.0965290e-04	724.00	724.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
433233.00000	3866761.00000	1.2253750e-04	732.40	732.40	1.20	PERIOD
CARTGRID 00043872 COURSE						
433733.00000	3866761.00000	1.4315300e-04	744.40	941.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
434233.00000	3866761.00000	1.6199120e-04	762.60	961.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
434733.00000	3866761.00000	1.4075370e-04	781.70	971.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
435233.00000	3866761.00000	8.9837140e-05	804.60	971.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
435733.00000	3866761.00000	6.4867570e-05	831.30	1026.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
436233.00000	3866761.00000	5.2960370e-05	871.60	1026.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
436733.00000	3866761.00000	5.0916600e-05	926.00	1026.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
437233.00000	3866761.00000	4.6829060e-05	990.00	1001.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
437733.00000	3866761.00000	5.3493530e-05	925.00	1034.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
438233.00000	3866761.00000	5.9713710e-05	890.10	1034.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
438733.00000	3866761.00000	6.1224320e-05	867.90	1034.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
439233.00000	3866761.00000	5.6870200e-05	858.50	1034.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
439733.00000	3866761.00000	5.3671250e-05	851.80	851.80	1.20	PERIOD
CARTGRID 00043872 COURSE						

440233.00000	3866761.00000	5.1005460e-05	842.40	842.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
440733.00000	3866761.00000	4.8695110e-05	835.50	835.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
441233.00000	3866761.00000	4.6473610e-05	830.50	830.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
441733.00000	3866761.00000	4.4696420e-05	826.50	826.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
442233.00000	3866761.00000	4.5051860e-05	825.50	825.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
442733.00000	3866761.00000	4.5673880e-05	824.00	824.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
443233.00000	3866761.00000	4.2830370e-05	827.10	827.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
443733.00000	3866761.00000	4.0608880e-05	833.80	833.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
444233.00000	3866761.00000	3.9187120e-05	840.00	840.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
444733.00000	3866761.00000	3.7143350e-05	846.50	846.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
445233.00000	3866761.00000	3.5099570e-05	851.60	851.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
445733.00000	3866761.00000	3.3677820e-05	854.90	854.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
430733.00000	3867261.00000	1.2849110e-04	728.10	728.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
431233.00000	3867261.00000	1.2858000e-04	725.90	725.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
431733.00000	3867261.00000	1.2635850e-04	722.80	722.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
432233.00000	3867261.00000	1.2271520e-04	719.00	719.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
432733.00000	3867261.00000	1.2156000e-04	718.10	718.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
433233.00000	3867261.00000	1.2813570e-04	724.00	724.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
433733.00000	3867261.00000	1.4484130e-04	733.40	733.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
434233.00000	3867261.00000	1.6945540e-04	747.90	961.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
434733.00000	3867261.00000	1.8731620e-04	762.60	970.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
435233.00000	3867261.00000	1.5994740e-04	779.90	1026.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
435733.00000	3867261.00000	1.0672050e-04	798.50	1034.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
436233.00000	3867261.00000	7.6952480e-05	823.40	1034.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
436733.00000	3867261.00000	6.5489580e-05	857.60	1034.00	1.20	PERIOD
CARTGRID	00043872	COURSE				

437233.00000	3867261.00000	5.3937830e-05	968.80	1026.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
437733.00000	3867261.00000	5.2960370e-05	991.30	1034.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
438233.00000	3867261.00000	5.9180550e-05	934.10	1034.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
438733.00000	3867261.00000	7.1798630e-05	854.70	1034.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
439233.00000	3867261.00000	6.9221690e-05	843.00	1034.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
439733.00000	3867261.00000	6.6200470e-05	834.80	1034.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
440233.00000	3867261.00000	7.0021440e-05	824.70	824.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
440733.00000	3867261.00000	6.3890110e-05	818.80	818.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
441233.00000	3867261.00000	5.8647390e-05	816.80	816.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
441733.00000	3867261.00000	5.5359580e-05	816.80	816.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
442233.00000	3867261.00000	5.5803880e-05	816.80	816.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
442733.00000	3867261.00000	5.2960370e-05	818.00	818.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
443233.00000	3867261.00000	5.0028000e-05	823.40	823.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
443733.00000	3867261.00000	4.5140720e-05	836.00	836.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
444233.00000	3867261.00000	4.6029320e-05	836.00	836.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
444733.00000	3867261.00000	4.5318440e-05	838.10	838.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
445233.00000	3867261.00000	4.0342300e-05	846.80	846.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
445733.00000	3867261.00000	3.5899310e-05	853.40	853.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
430733.00000	3867761.00000	1.3844340e-04	719.10	719.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
431233.00000	3867761.00000	1.4368610e-04	717.90	717.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
431733.00000	3867761.00000	1.4555220e-04	716.00	716.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
432233.00000	3867761.00000	1.4493010e-04	715.00	715.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
432733.00000	3867761.00000	1.4315300e-04	715.00	715.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
433233.00000	3867761.00000	1.4368610e-04	717.80	717.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
433733.00000	3867761.00000	1.5319410e-04	726.40	726.40	1.20	PERIOD
CARTGRID	00043872	COURSE				

434233.00000	3867761.00000	1.7469810e-04	736.30	736.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
434733.00000	3867761.00000	2.0268900e-04	750.90	965.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
435233.00000	3867761.00000	2.1352980e-04	765.40	1026.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
435733.00000	3867761.00000	1.5674850e-04	785.30	1034.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
436233.00000	3867761.00000	1.0929740e-04	803.70	1034.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
436733.00000	3867761.00000	8.7349070e-05	826.60	1034.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
437233.00000	3867761.00000	7.2953800e-05	873.80	1034.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
437733.00000	3867761.00000	6.0957740e-05	982.60	1034.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
438233.00000	3867761.00000	6.7533360e-05	919.80	1034.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
438733.00000	3867761.00000	8.3528100e-05	846.80	1034.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
439233.00000	3867761.00000	8.8148810e-05	829.00	1034.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
439733.00000	3867761.00000	8.3616960e-05	823.60	1034.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
440233.00000	3867761.00000	9.0192580e-05	813.90	813.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
440733.00000	3867761.00000	7.8729680e-05	809.00	809.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
441233.00000	3867761.00000	7.1532050e-05	809.00	809.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
441733.00000	3867761.00000	6.8599680e-05	810.00	810.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
442233.00000	3867761.00000	6.2823800e-05	814.70	814.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
442733.00000	3867761.00000	5.4915290e-05	825.30	825.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
443233.00000	3867761.00000	4.7806510e-05	840.90	840.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
443733.00000	3867761.00000	5.6159320e-05	829.00	829.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
444233.00000	3867761.00000	5.7758800e-05	828.00	828.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
444733.00000	3867761.00000	5.1805200e-05	835.10	835.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
445233.00000	3867761.00000	4.0608880e-05	849.70	849.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
445733.00000	3867761.00000	3.4833000e-05	860.90	860.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
430733.00000	3868261.00000	1.3702160e-04	709.20	709.20	1.20	PERIOD
CARTGRID	00043872	COURSE				

431233.00000	3868261.00000	1.5017290e-04	710.40	710.40	1.20	PERIOD
CARTGRID 00043872 COURSE						
431733.00000	3868261.00000	1.6110260e-04	711.50	711.50	1.20	PERIOD
CARTGRID 00043872 COURSE						
432233.00000	3868261.00000	1.6741170e-04	711.50	711.50	1.20	PERIOD
CARTGRID 00043872 COURSE						
432733.00000	3868261.00000	1.6918880e-04	711.00	711.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
433233.00000	3868261.00000	1.7016630e-04	713.00	713.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
433733.00000	3868261.00000	1.7407610e-04	719.00	719.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
434233.00000	3868261.00000	1.8802710e-04	729.60	729.60	1.20	PERIOD
CARTGRID 00043872 COURSE						
434733.00000	3868261.00000	2.1584020e-04	741.30	741.30	1.20	PERIOD
CARTGRID 00043872 COURSE						
435233.00000	3868261.00000	2.4516390e-04	754.90	1026.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
435733.00000	3868261.00000	2.3734420e-04	769.60	1034.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
436233.00000	3868261.00000	1.8633880e-04	782.50	1034.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
436733.00000	3868261.00000	1.3248980e-04	801.10	1034.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
437233.00000	3868261.00000	1.0432130e-04	827.20	1034.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
437733.00000	3868261.00000	8.2817230e-05	888.40	1034.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
438233.00000	3868261.00000	7.7485650e-05	913.70	1034.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
438733.00000	3868261.00000	1.0192210e-04	835.40	1034.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
439233.00000	3868261.00000	1.1302950e-04	818.60	1034.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
439733.00000	3868261.00000	1.1311840e-04	811.30	1034.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
440233.00000	3868261.00000	1.1738360e-04	803.50	803.50	1.20	PERIOD
CARTGRID 00043872 COURSE						
440733.00000	3868261.00000	9.9078550e-05	800.50	800.50	1.20	PERIOD
CARTGRID 00043872 COURSE						
441233.00000	3868261.00000	8.6815920e-05	804.00	804.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
441733.00000	3868261.00000	6.8688540e-05	818.60	818.60	1.20	PERIOD
CARTGRID 00043872 COURSE						
442233.00000	3868261.00000	5.5093010e-05	835.80	841.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
442733.00000	3868261.00000	5.1894060e-05	844.60	844.60	1.20	PERIOD
CARTGRID 00043872 COURSE						
443233.00000	3868261.00000	5.8825110e-05	834.10	834.10	1.20	PERIOD
CARTGRID 00043872 COURSE						

443733.00000	3868261.00000	6.5045290e-05	827.20	827.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
444233.00000	3868261.00000	7.0110290e-05	823.00	823.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
444733.00000	3868261.00000	5.9624850e-05	831.20	831.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
445233.00000	3868261.00000	5.0472300e-05	839.40	842.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
445733.00000	3868261.00000	4.4963000e-05	847.90	860.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
430733.00000	3868761.00000	1.2591420e-04	704.40	704.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
431233.00000	3868761.00000	1.4341950e-04	704.10	704.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
431733.00000	3868761.00000	1.6287980e-04	707.60	707.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
432233.00000	3868761.00000	1.8002970e-04	708.00	708.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
432733.00000	3868761.00000	1.9353640e-04	709.00	709.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
433233.00000	3868761.00000	2.0117830e-04	710.00	710.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
433733.00000	3868761.00000	2.0677650e-04	713.00	713.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
434233.00000	3868761.00000	2.1663990e-04	720.90	720.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
434733.00000	3868761.00000	2.3698880e-04	730.60	730.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
435233.00000	3868761.00000	2.7262150e-04	742.80	1026.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
435733.00000	3868761.00000	3.0221180e-04	755.90	1034.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
436233.00000	3868761.00000	2.8630590e-04	767.60	1034.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
436733.00000	3868761.00000	2.1370750e-04	783.30	1034.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
437233.00000	3868761.00000	1.6616760e-04	799.90	1034.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
437733.00000	3868761.00000	1.4137580e-04	815.40	1034.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
438233.00000	3868761.00000	1.2431470e-04	829.60	1034.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
438733.00000	3868761.00000	1.5212780e-04	812.50	1034.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
439233.00000	3868761.00000	1.5577100e-04	806.80	1034.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
439733.00000	3868761.00000	1.4875110e-04	802.50	1025.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
440233.00000	3868761.00000	1.4697390e-04	796.80	796.80	1.20	PERIOD
CARTGRID	00043872	COURSE				



440733.00000	3868761.00000	1.2031600e-04	796.80	796.80	1.20	PERIOD
CARTGRID 00043872 COURSE						
441233.00000	3868761.00000	8.0240300e-05	817.30	823.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
441733.00000	3868761.00000	5.9358270e-05	847.10	847.10	1.20	PERIOD
CARTGRID 00043872 COURSE						
442233.00000	3868761.00000	5.9535990e-05	844.60	844.60	1.20	PERIOD
CARTGRID 00043872 COURSE						
442733.00000	3868761.00000	6.3356950e-05	838.00	838.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
443233.00000	3868761.00000	7.3220380e-05	827.90	827.90	1.20	PERIOD
CARTGRID 00043872 COURSE						
443733.00000	3868761.00000	7.1087750e-05	829.80	829.80	1.20	PERIOD
CARTGRID 00043872 COURSE						
444233.00000	3868761.00000	8.7882230e-05	817.10	817.10	1.20	PERIOD
CARTGRID 00043872 COURSE						
444733.00000	3868761.00000	7.8374240e-05	822.70	822.70	1.20	PERIOD
CARTGRID 00043872 COURSE						
445233.00000	3868761.00000	6.4067830e-05	835.40	835.40	1.20	PERIOD
CARTGRID 00043872 COURSE						
445733.00000	3868761.00000	7.0554590e-05	827.90	827.90	1.20	PERIOD
CARTGRID 00043872 COURSE						
430733.00000	3869261.00000	1.0769790e-04	696.20	696.20	1.20	PERIOD
CARTGRID 00043872 COURSE						
431233.00000	3869261.00000	1.2698050e-04	701.00	701.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
431733.00000	3869261.00000	1.4981740e-04	705.00	705.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
432233.00000	3869261.00000	1.7851910e-04	714.40	714.40	1.20	PERIOD
CARTGRID 00043872 COURSE						
432733.00000	3869261.00000	1.9957890e-04	707.00	707.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
433233.00000	3869261.00000	2.2437070e-04	709.70	709.70	1.20	PERIOD
CARTGRID 00043872 COURSE						
433733.00000	3869261.00000	2.4347550e-04	712.90	712.90	1.20	PERIOD
CARTGRID 00043872 COURSE						
434233.00000	3869261.00000	2.5609360e-04	714.00	714.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
434733.00000	3869261.00000	2.7795310e-04	723.80	723.80	1.20	PERIOD
CARTGRID 00043872 COURSE						
435233.00000	3869261.00000	3.1145320e-04	734.00	734.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
435733.00000	3869261.00000	3.5686050e-04	745.10	1026.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
436233.00000	3869261.00000	3.7898660e-04	757.10	1034.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
436733.00000	3869261.00000	3.3802220e-04	770.10	1034.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
437233.00000	3869261.00000	2.6995570e-04	783.10	1034.00	1.20	PERIOD
CARTGRID 00043872 COURSE						

437733.00000	3869261.00000	1.7683080e-04	812.20	1034.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
438233.00000	3869261.00000	1.5843680e-04	821.50	1034.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
438733.00000	3869261.00000	2.3618910e-04	795.10	1034.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
439233.00000	3869261.00000	2.2454840e-04	795.10	1034.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
439733.00000	3869261.00000	2.0997540e-04	794.00	794.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
440233.00000	3869261.00000	1.9282550e-04	790.10	790.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
440733.00000	3869261.00000	1.3791020e-04	798.70	798.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
441233.00000	3869261.00000	1.0263290e-04	815.50	815.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
441733.00000	3869261.00000	8.9037410e-05	824.40	824.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
442233.00000	3869261.00000	8.7526790e-05	826.10	826.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
442733.00000	3869261.00000	9.2591790e-05	824.10	824.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
443233.00000	3869261.00000	1.0369930e-04	818.00	818.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
443733.00000	3869261.00000	9.3302670e-05	822.80	822.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
444233.00000	3869261.00000	9.9256260e-05	816.80	823.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
444733.00000	3869261.00000	9.6679340e-05	818.00	818.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
445233.00000	3869261.00000	7.9707130e-05	828.20	828.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
445733.00000	3869261.00000	8.0595730e-05	823.00	823.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
430733.00000	3869761.00000	9.8278810e-05	696.00	696.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
431233.00000	3869761.00000	1.1169660e-04	699.10	699.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
431733.00000	3869761.00000	1.3186780e-04	707.00	707.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
432233.00000	3869761.00000	1.5577100e-04	707.00	707.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
432733.00000	3869761.00000	1.8473930e-04	707.00	707.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
433233.00000	3869761.00000	2.2232690e-04	713.00	713.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
433733.00000	3869761.00000	2.5964800e-04	714.00	714.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
434233.00000	3869761.00000	2.9483640e-04	716.00	716.00	1.20	PERIOD
CARTGRID	00043872	COURSE				

434733.00000	3869761.00000	3.2895860e-04	721.00	721.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
435233.00000	3869761.00000	3.6983400e-04	728.40	728.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
435733.00000	3869761.00000	4.2759280e-04	738.10	738.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
436233.00000	3869761.00000	4.8783970e-04	746.90	1015.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
436733.00000	3869761.00000	4.9796970e-04	758.20	1034.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
437233.00000	3869761.00000	4.8259700e-04	766.50	1034.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
437733.00000	3869761.00000	3.6556880e-04	782.90	1034.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
438233.00000	3869761.00000	3.3393470e-04	789.00	1023.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
438733.00000	3869761.00000	3.4628620e-04	785.50	970.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
439233.00000	3869761.00000	3.3988830e-04	786.00	786.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
439733.00000	3869761.00000	3.1500760e-04	784.50	784.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
440233.00000	3869761.00000	2.7884170e-04	783.10	783.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
440733.00000	3869761.00000	1.9015970e-04	794.80	794.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
441233.00000	3869761.00000	1.6483470e-04	802.20	802.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
441733.00000	3869761.00000	1.5630420e-04	806.50	806.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
442233.00000	3869761.00000	1.4937310e-04	810.00	810.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
442733.00000	3869761.00000	1.1471790e-04	823.00	823.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
443233.00000	3869761.00000	1.4173120e-04	810.00	810.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
443733.00000	3869761.00000	1.2813570e-04	811.30	817.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
444233.00000	3869761.00000	1.3462240e-04	805.00	805.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
444733.00000	3869761.00000	1.0698710e-04	814.60	814.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
445233.00000	3869761.00000	8.2017490e-05	830.60	830.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
445733.00000	3869761.00000	8.9303980e-05	814.20	814.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
430733.00000	3870261.00000	1.1134120e-04	698.00	698.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
431233.00000	3870261.00000	1.1818340e-04	700.80	700.80	1.20	PERIOD
CARTGRID	00043872	COURSE				

431733.00000	3870261.00000	1.2849110e-04	702.60	702.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
432233.00000	3870261.00000	1.4519670e-04	707.40	707.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
432733.00000	3870261.00000	1.6794480e-04	707.00	707.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
433233.00000	3870261.00000	2.0260010e-04	713.00	713.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
433733.00000	3870261.00000	2.4463070e-04	714.40	714.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
434233.00000	3870261.00000	2.9839080e-04	718.00	718.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
434733.00000	3870261.00000	3.5979290e-04	722.00	722.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
435233.00000	3870261.00000	4.3070290e-04	728.00	728.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
435733.00000	3870261.00000	5.1529730e-04	735.00	735.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
436233.00000	3870261.00000	6.1721940e-04	742.00	742.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
436733.00000	3870261.00000	7.0892260e-04	750.00	750.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
437233.00000	3870261.00000	7.3549160e-04	758.10	899.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
437733.00000	3870261.00000	7.6232720e-04	767.00	899.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
438233.00000	3870261.00000	6.5809480e-04	774.00	899.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
438733.00000	3870261.00000	5.1805200e-04	780.00	899.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
439233.00000	3870261.00000	5.0792200e-04	779.80	779.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
439733.00000	3870261.00000	5.7732140e-04	774.00	774.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
440233.00000	3870261.00000	3.3722250e-04	786.10	786.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
440733.00000	3870261.00000	3.2362700e-04	786.00	786.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
441233.00000	3870261.00000	3.1109770e-04	788.30	788.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
441733.00000	3870261.00000	2.6035890e-04	795.10	795.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
442233.00000	3870261.00000	1.9726850e-04	806.40	806.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
442733.00000	3870261.00000	1.9566900e-04	803.40	803.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
443233.00000	3870261.00000	1.9326980e-04	798.80	798.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
443733.00000	3870261.00000	1.7132150e-04	798.80	798.80	1.20	PERIOD
CARTGRID	00043872	COURSE				

444233.00000	3870261.00000	1.5399380e-04	798.00	798.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
444733.00000	3870261.00000	1.3568870e-04	798.10	798.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
445233.00000	3870261.00000	1.1205210e-04	801.80	801.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
445733.00000	3870261.00000	9.8989690e-05	799.80	799.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
430733.00000	3870761.00000	1.3844340e-04	700.70	700.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
431233.00000	3870761.00000	1.4555220e-04	701.50	701.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
431733.00000	3870761.00000	1.5603760e-04	707.00	707.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
432233.00000	3870761.00000	1.6723390e-04	707.00	707.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
432733.00000	3870761.00000	1.8393960e-04	709.00	709.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
433233.00000	3870761.00000	2.0864250e-04	712.00	712.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
433733.00000	3870761.00000	2.4445300e-04	715.00	715.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
434233.00000	3870761.00000	2.9519190e-04	719.10	719.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
434733.00000	3870761.00000	3.6476900e-04	723.80	723.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
435233.00000	3870761.00000	4.5522810e-04	728.40	728.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
435733.00000	3870761.00000	5.8176440e-04	734.00	734.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
436233.00000	3870761.00000	7.6126090e-04	740.10	740.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
436733.00000	3870761.00000	9.7399100e-04	747.50	747.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
437233.00000	3870761.00000	1.0423240e-03	762.00	762.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
437733.00000	3870761.00000	1.2309730e-03	765.10	765.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
438233.00000	3870761.00000	1.0067800e-03	773.10	773.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
438733.00000	3870761.00000	9.7807860e-04	773.10	773.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
439233.00000	3870761.00000	1.0256190e-03	770.80	770.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
439733.00000	3870761.00000	8.0569070e-04	776.10	776.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
440233.00000	3870761.00000	5.9429360e-04	779.90	779.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
440733.00000	3870761.00000	5.5857190e-04	780.00	780.00	1.20	PERIOD
CARTGRID	00043872	COURSE				

441233.00000	3870761.00000	5.1147640e-04	780.50	780.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
441733.00000	3870761.00000	3.9640310e-04	786.10	786.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
442233.00000	3870761.00000	3.7356610e-04	783.10	783.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
442733.00000	3870761.00000	2.9892400e-04	786.10	786.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
443233.00000	3870761.00000	2.2694760e-04	791.90	791.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
443733.00000	3870761.00000	1.9504700e-04	792.00	792.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
444233.00000	3870761.00000	1.6714510e-04	792.00	792.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
444733.00000	3870761.00000	1.4315300e-04	792.00	792.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
445233.00000	3870761.00000	1.3328950e-04	787.30	787.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
445733.00000	3870761.00000	1.2111580e-04	787.10	787.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
430733.00000	3871261.00000	1.6687850e-04	701.60	701.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
431233.00000	3871261.00000	1.7807480e-04	704.10	704.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
431733.00000	3871261.00000	1.9095950e-04	707.00	707.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
432233.00000	3871261.00000	2.0419960e-04	707.00	707.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
432733.00000	3871261.00000	2.2214920e-04	710.00	710.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
433233.00000	3871261.00000	2.4560820e-04	713.00	713.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
433733.00000	3871261.00000	2.7777540e-04	715.20	715.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
434233.00000	3871261.00000	3.2851430e-04	720.00	720.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
434733.00000	3871261.00000	4.0342300e-04	724.00	724.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
435233.00000	3871261.00000	5.1378670e-04	729.00	729.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
435733.00000	3871261.00000	6.7000200e-04	734.00	734.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
436233.00000	3871261.00000	9.0157040e-04	737.40	737.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
436733.00000	3871261.00000	1.3191220e-03	743.00	743.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
437233.00000	3871261.00000	2.0377300e-03	749.50	749.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
437733.00000	3871261.00000	2.9528070e-03	756.00	756.00	1.20	PERIOD
CARTGRID	00043872	COURSE				

438233.00000	3871261.00000	2.9228620e-03	761.70	761.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
438733.00000	3871261.00000	3.0273600e-03	762.40	762.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
439233.00000	3871261.00000	2.2493940e-03	769.90	769.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
439733.00000	3871261.00000	1.8297990e-03	771.50	771.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
440233.00000	3871261.00000	1.2998390e-03	772.00	772.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
440733.00000	3871261.00000	9.9816080e-04	772.90	772.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
441233.00000	3871261.00000	7.7618940e-04	774.00	774.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
441733.00000	3871261.00000	6.2006290e-04	774.00	774.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
442233.00000	3871261.00000	4.7122290e-04	776.00	776.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
442733.00000	3871261.00000	3.5597190e-04	780.00	780.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
443233.00000	3871261.00000	2.8284040e-04	783.00	783.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
443733.00000	3871261.00000	2.3681110e-04	783.40	783.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
444233.00000	3871261.00000	1.9886800e-04	786.80	786.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
444733.00000	3871261.00000	1.8447270e-04	783.90	783.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
445233.00000	3871261.00000	1.7336520e-04	780.00	780.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
445733.00000	3871261.00000	1.5968080e-04	777.50	777.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
430733.00000	3871761.00000	1.9735740e-04	704.10	704.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
431233.00000	3871761.00000	2.1504040e-04	705.60	705.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
431733.00000	3871761.00000	2.3476730e-04	707.00	707.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
432233.00000	3871761.00000	2.5609360e-04	707.00	707.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
432733.00000	3871761.00000	2.8319580e-04	710.30	710.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
433233.00000	3871761.00000	3.1482980e-04	713.00	713.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
433733.00000	3871761.00000	3.5286180e-04	715.00	715.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
434233.00000	3871761.00000	4.0564450e-04	719.00	719.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
434733.00000	3871761.00000	4.8339670e-04	724.00	724.00	1.20	PERIOD
CARTGRID	00043872	COURSE				

435233.00000	3871761.00000	6.0397930e-04	728.40	728.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
435733.00000	3871761.00000	8.0089240e-04	733.10	733.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
436233.00000	3871761.00000	1.1310060e-03	738.00	738.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
436733.00000	3871761.00000	1.7961210e-03	742.40	742.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
437233.00000	3871761.00000	3.8791690e-03	747.10	747.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
437733.00000	3871761.00000	2.9745690e-02	752.00	752.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
438233.00000	3871761.00000	2.0986700e-02	756.80	756.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
438733.00000	3871761.00000	1.8029360e-02	761.80	761.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
439233.00000	3871761.00000	1.5885530e-02	766.60	766.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
439733.00000	3871761.00000	1.3941290e-02	768.00	768.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
440233.00000	3871761.00000	3.0043460e-03	767.00	767.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
440733.00000	3871761.00000	1.6270210e-03	767.90	767.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
441233.00000	3871761.00000	1.1044370e-03	767.80	767.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
441733.00000	3871761.00000	7.8640820e-04	768.00	768.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
442233.00000	3871761.00000	5.7332270e-04	771.00	771.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
442733.00000	3871761.00000	4.3523470e-04	774.00	774.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
443233.00000	3871761.00000	3.5215090e-04	775.70	775.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
443733.00000	3871761.00000	2.9465870e-04	777.00	777.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
444233.00000	3871761.00000	2.4365330e-04	780.80	780.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
444733.00000	3871761.00000	2.1841710e-04	778.00	778.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
445233.00000	3871761.00000	1.9904570e-04	774.00	774.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
445733.00000	3871761.00000	1.8056290e-04	771.90	771.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
430733.00000	3872261.00000	2.0277780e-04	705.00	705.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
431233.00000	3872261.00000	2.1992770e-04	706.20	706.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
431733.00000	3872261.00000	2.4001000e-04	707.00	707.00	1.20	PERIOD
CARTGRID	00043872	COURSE				



432233.00000	3872261.00000	2.6480190e-04	709.00	709.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
432733.00000	3872261.00000	2.9456990e-04	710.90	710.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
433233.00000	3872261.00000	3.3073580e-04	712.80	712.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
433733.00000	3872261.00000	3.7525440e-04	715.00	715.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
434233.00000	3872261.00000	4.3425730e-04	719.00	719.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
434733.00000	3872261.00000	5.1423100e-04	723.00	723.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
435233.00000	3872261.00000	6.3641310e-04	728.00	728.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
435733.00000	3872261.00000	8.3901310e-04	733.00	733.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
436233.00000	3872261.00000	1.2050260e-03	737.20	737.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
436733.00000	3872261.00000	1.9562460e-03	741.40	741.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
437233.00000	3872261.00000	4.5842710e-03	746.00	746.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
437733.00000	3872261.00000	2.9747640e-02	750.00	750.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
438233.00000	3872261.00000	3.5547960e-02	752.00	752.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
438733.00000	3872261.00000	3.2205680e-02	753.00	753.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
439233.00000	3872261.00000	2.6612500e-02	755.10	755.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
439733.00000	3872261.00000	2.0830310e-02	758.10	758.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
440233.00000	3872261.00000	4.6310110e-03	760.00	760.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
440733.00000	3872261.00000	2.1224140e-03	761.10	761.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
441233.00000	3872261.00000	1.2402150e-03	761.00	761.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
441733.00000	3872261.00000	8.3457010e-04	763.20	763.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
442233.00000	3872261.00000	6.0975510e-04	767.80	767.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
442733.00000	3872261.00000	4.8384100e-04	768.00	768.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
443233.00000	3872261.00000	3.9391500e-04	769.10	769.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
443733.00000	3872261.00000	3.2789220e-04	771.10	771.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
444233.00000	3872261.00000	2.7644250e-04	774.00	774.00	1.20	PERIOD
CARTGRID	00043872	COURSE				

444733.00000	3872261.00000	2.4152060e-04	774.00	774.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
445233.00000	3872261.00000	2.1895030e-04	770.00	770.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
445733.00000	3872261.00000	1.9806820e-04	767.00	767.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
430733.00000	3872761.00000	1.9247010e-04	706.40	706.40	1.20	PERIOD
CARTGRID 00043872 COURSE						
431233.00000	3872761.00000	2.0739850e-04	707.60	707.60	1.20	PERIOD
CARTGRID 00043872 COURSE						
431733.00000	3872761.00000	2.2499270e-04	709.00	709.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
432233.00000	3872761.00000	2.4534160e-04	709.00	709.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
432733.00000	3872761.00000	2.7262150e-04	711.00	711.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
433233.00000	3872761.00000	3.0896510e-04	713.00	713.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
433733.00000	3872761.00000	3.5890430e-04	715.00	715.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
434233.00000	3872761.00000	4.2874800e-04	718.00	718.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
434733.00000	3872761.00000	5.2711570e-04	722.00	722.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
435233.00000	3872761.00000	6.6582560e-04	727.00	727.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
435733.00000	3872761.00000	8.6593770e-04	732.00	732.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
436233.00000	3872761.00000	1.1814780e-03	736.00	736.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
436733.00000	3872761.00000	1.8423280e-03	739.70	739.70	1.20	PERIOD
CARTGRID 00043872 COURSE						
437233.00000	3872761.00000	4.4142830e-03	744.00	744.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
437733.00000	3872761.00000	2.6843530e-02	746.00	746.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
438233.00000	3872761.00000	3.1164070e-02	747.50	747.50	1.20	PERIOD
CARTGRID 00043872 COURSE						
438733.00000	3872761.00000	3.1563050e-02	747.00	747.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
439233.00000	3872761.00000	3.2057730e-02	748.00	748.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
439733.00000	3872761.00000	3.2696540e-02	751.70	751.70	1.20	PERIOD
CARTGRID 00043872 COURSE						
440233.00000	3872761.00000	5.2371230e-03	753.50	753.50	1.20	PERIOD
CARTGRID 00043872 COURSE						
440733.00000	3872761.00000	2.3434960e-03	755.00	755.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
441233.00000	3872761.00000	1.3383160e-03	756.50	756.50	1.20	PERIOD
CARTGRID 00043872 COURSE						

441733.00000	3872761.00000	8.6264980e-04	759.10	759.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
442233.00000	3872761.00000	6.1784140e-04	761.90	761.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
442733.00000	3872761.00000	4.7975340e-04	763.00	763.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
443233.00000	3872761.00000	3.8920540e-04	764.00	764.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
443733.00000	3872761.00000	3.2371590e-04	766.00	766.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
444233.00000	3872761.00000	2.7590930e-04	767.00	767.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
444733.00000	3872761.00000	2.3929910e-04	767.50	767.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
445233.00000	3872761.00000	2.1148610e-04	765.60	765.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
445733.00000	3872761.00000	1.8909340e-04	762.00	762.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
430733.00000	3873261.00000	1.6581220e-04	707.20	707.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
431233.00000	3873261.00000	1.8118490e-04	709.60	709.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
431733.00000	3873261.00000	2.0002310e-04	709.00	709.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
432233.00000	3873261.00000	2.2481500e-04	709.00	709.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
432733.00000	3873261.00000	2.5742650e-04	711.20	711.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
433233.00000	3873261.00000	2.9767990e-04	713.00	713.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
433733.00000	3873261.00000	3.4681930e-04	715.00	715.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
434233.00000	3873261.00000	4.0626650e-04	718.00	718.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
434733.00000	3873261.00000	4.7726540e-04	721.00	721.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
435233.00000	3873261.00000	5.7190090e-04	725.00	725.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
435733.00000	3873261.00000	7.0527930e-04	729.00	729.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
436233.00000	3873261.00000	9.3018320e-04	733.00	733.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
436733.00000	3873261.00000	1.4159790e-03	737.40	737.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
437233.00000	3873261.00000	2.8717670e-03	739.40	739.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
437733.00000	3873261.00000	7.9513430e-03	740.10	740.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
438233.00000	3873261.00000	9.9303360e-03	741.50	741.50	1.20	PERIOD
CARTGRID	00043872	COURSE				

438733.00000	3873261.00000	1.0439240e-02	741.50	741.50	1.20	PERIOD
CARTGRID 00043872 COURSE						
439233.00000	3873261.00000	1.0310480e-02	743.30	743.30	1.20	PERIOD
CARTGRID 00043872 COURSE						
439733.00000	3873261.00000	8.7804030e-03	745.50	745.50	1.20	PERIOD
CARTGRID 00043872 COURSE						
440233.00000	3873261.00000	4.1126040e-03	747.90	747.90	1.20	PERIOD
CARTGRID 00043872 COURSE						
440733.00000	3873261.00000	2.1708420e-03	750.20	750.20	1.20	PERIOD
CARTGRID 00043872 COURSE						
441233.00000	3873261.00000	1.3034830e-03	752.10	752.10	1.20	PERIOD
CARTGRID 00043872 COURSE						
441733.00000	3873261.00000	8.4878770e-04	753.10	753.10	1.20	PERIOD
CARTGRID 00043872 COURSE						
442233.00000	3873261.00000	5.8132010e-04	755.30	755.30	1.20	PERIOD
CARTGRID 00043872 COURSE						
442733.00000	3873261.00000	4.2492700e-04	758.00	758.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
443233.00000	3873261.00000	3.3357930e-04	759.70	759.70	1.20	PERIOD
CARTGRID 00043872 COURSE						
443733.00000	3873261.00000	2.7617590e-04	759.50	759.50	1.20	PERIOD
CARTGRID 00043872 COURSE						
444233.00000	3873261.00000	2.3503390e-04	760.70	760.70	1.20	PERIOD
CARTGRID 00043872 COURSE						
444733.00000	3873261.00000	2.0411070e-04	761.70	761.70	1.20	PERIOD
CARTGRID 00043872 COURSE						
445233.00000	3873261.00000	1.8100720e-04	759.20	759.20	1.20	PERIOD
CARTGRID 00043872 COURSE						
445733.00000	3873261.00000	1.6225780e-04	757.40	757.40	1.20	PERIOD
CARTGRID 00043872 COURSE						
430733.00000	3873761.00000	1.5825910e-04	709.90	709.90	1.20	PERIOD
CARTGRID 00043872 COURSE						
431233.00000	3873761.00000	1.7816370e-04	710.40	710.40	1.20	PERIOD
CARTGRID 00043872 COURSE						
431733.00000	3873761.00000	2.0162260e-04	711.40	711.40	1.20	PERIOD
CARTGRID 00043872 COURSE						
432233.00000	3873761.00000	2.2872480e-04	712.30	712.30	1.20	PERIOD
CARTGRID 00043872 COURSE						
432733.00000	3873761.00000	2.5955910e-04	713.20	713.20	1.20	PERIOD
CARTGRID 00043872 COURSE						
433233.00000	3873761.00000	2.9403670e-04	714.40	714.40	1.20	PERIOD
CARTGRID 00043872 COURSE						
433733.00000	3873761.00000	3.3242410e-04	716.00	716.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
434233.00000	3873761.00000	3.7863110e-04	718.40	718.40	1.20	PERIOD
CARTGRID 00043872 COURSE						
434733.00000	3873761.00000	4.3541250e-04	720.80	720.80	1.20	PERIOD
CARTGRID 00043872 COURSE						
435233.00000	3873761.00000	5.0916600e-04	724.30	724.30	1.20	PERIOD
CARTGRID 00043872 COURSE						

435733.00000	3873761.00000	6.1277640e-04	727.90	727.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
436233.00000	3873761.00000	7.8312040e-04	730.80	730.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
436733.00000	3873761.00000	1.1346490e-03	734.40	734.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
437233.00000	3873761.00000	1.9267450e-03	735.80	735.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
437733.00000	3873761.00000	2.9486310e-03	737.70	737.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
438233.00000	3873761.00000	3.6336500e-03	737.60	737.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
438733.00000	3873761.00000	4.0709290e-03	737.90	737.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
439233.00000	3873761.00000	4.1293990e-03	740.60	740.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
439733.00000	3873761.00000	3.4904080e-03	743.30	743.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
440233.00000	3873761.00000	2.6024340e-03	745.00	745.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
440733.00000	3873761.00000	1.8813370e-03	746.50	746.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
441233.00000	3873761.00000	1.2784240e-03	748.60	748.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
441733.00000	3873761.00000	8.7055830e-04	750.50	750.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
442233.00000	3873761.00000	6.0886660e-04	753.10	753.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
442733.00000	3873761.00000	4.3443500e-04	755.30	755.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
443233.00000	3873761.00000	3.2336040e-04	754.80	754.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
443733.00000	3873761.00000	2.5325010e-04	755.40	755.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
444233.00000	3873761.00000	2.0882020e-04	756.90	756.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
444733.00000	3873761.00000	1.7931880e-04	757.10	757.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
445233.00000	3873761.00000	1.5781480e-04	756.40	756.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
445733.00000	3873761.00000	1.4075370e-04	757.40	757.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
430733.00000	3874261.00000	1.7754170e-04	710.20	710.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
431233.00000	3874261.00000	1.9797940e-04	711.10	711.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
431733.00000	3874261.00000	2.2152720e-04	713.20	713.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
432233.00000	3874261.00000	2.4534160e-04	713.50	713.50	1.20	PERIOD
CARTGRID	00043872	COURSE				

432733.00000	3874261.00000	2.7164410e-04	715.70	715.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
433233.00000	3874261.00000	2.9634700e-04	715.70	715.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
433733.00000	3874261.00000	3.2389350e-04	717.50	717.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
434233.00000	3874261.00000	3.5161780e-04	719.30	719.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
434733.00000	3874261.00000	3.8262980e-04	721.20	721.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
435233.00000	3874261.00000	4.2963660e-04	724.00	724.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
435733.00000	3874261.00000	5.1751880e-04	727.40	727.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
436233.00000	3874261.00000	6.7942110e-04	728.20	728.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
436733.00000	3874261.00000	9.8616480e-04	731.40	731.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
437233.00000	3874261.00000	1.5026170e-03	732.90	732.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
437733.00000	3874261.00000	1.9733960e-03	734.30	734.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
438233.00000	3874261.00000	2.2856490e-03	736.70	736.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
438733.00000	3874261.00000	2.5452080e-03	743.80	743.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
439233.00000	3874261.00000	2.3163050e-03	760.00	762.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
439733.00000	3874261.00000	2.1227690e-03	750.60	750.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
440233.00000	3874261.00000	1.7534680e-03	744.90	744.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
440733.00000	3874261.00000	1.4669850e-03	749.20	755.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
441233.00000	3874261.00000	1.1673500e-03	749.40	749.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
441733.00000	3874261.00000	8.8628650e-04	752.00	752.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
442233.00000	3874261.00000	6.6040520e-04	753.60	753.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
442733.00000	3874261.00000	4.9086090e-04	754.50	754.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
443233.00000	3874261.00000	3.6459130e-04	755.50	755.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
443733.00000	3874261.00000	2.7404330e-04	757.30	757.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
444233.00000	3874261.00000	2.1290780e-04	758.30	758.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
444733.00000	3874261.00000	1.7363180e-04	758.30	758.30	1.20	PERIOD
CARTGRID	00043872	COURSE				

445233.00000	3874261.00000	1.4750710e-04	759.50	759.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
445733.00000	3874261.00000	1.2937970e-04	761.40	761.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
430733.00000	3874761.00000	1.9478040e-04	711.10	711.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
431233.00000	3874761.00000	2.1228580e-04	712.90	712.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
431733.00000	3874761.00000	2.2810280e-04	714.50	714.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
432233.00000	3874761.00000	2.4125400e-04	716.30	716.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
432733.00000	3874761.00000	2.5111750e-04	716.60	716.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
433233.00000	3874761.00000	2.6186950e-04	717.70	717.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
433733.00000	3874761.00000	2.7262150e-04	718.70	718.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
434233.00000	3874761.00000	2.8870510e-04	719.40	719.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
434733.00000	3874761.00000	3.2238290e-04	721.80	721.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
435233.00000	3874761.00000	3.8023060e-04	723.90	723.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
435733.00000	3874761.00000	4.8570700e-04	725.50	725.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
436233.00000	3874761.00000	6.5907230e-04	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
436733.00000	3874761.00000	9.1569910e-04	730.70	730.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
437233.00000	3874761.00000	1.2887320e-03	732.70	732.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
437733.00000	3874761.00000	1.5501570e-03	734.60	734.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
438233.00000	3874761.00000	1.7592440e-03	742.30	742.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
438733.00000	3874761.00000	1.7919440e-03	753.50	753.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
439233.00000	3874761.00000	1.2168450e-03	773.70	789.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
439733.00000	3874761.00000	9.2600680e-04	781.80	806.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
440233.00000	3874761.00000	1.2585200e-03	749.80	806.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
440733.00000	3874761.00000	1.1045260e-03	748.90	748.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
441233.00000	3874761.00000	9.6777080e-04	752.50	752.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
441733.00000	3874761.00000	8.0275840e-04	756.00	756.00	1.20	PERIOD
CARTGRID	00043872	COURSE				

442233.00000	3874761.00000	6.5889460e-04	757.80	757.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
442733.00000	3874761.00000	5.2853740e-04	759.20	759.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
443233.00000	3874761.00000	4.1630760e-04	757.80	757.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
443733.00000	3874761.00000	3.1980600e-04	760.20	760.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
444233.00000	3874761.00000	2.4578590e-04	762.50	762.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
444733.00000	3874761.00000	1.9247010e-04	761.80	761.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
445233.00000	3874761.00000	1.5532670e-04	762.30	762.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
445733.00000	3874761.00000	1.2982400e-04	765.10	765.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
430733.00000	3875261.00000	1.9060400e-04	712.60	712.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
431233.00000	3875261.00000	1.9531360e-04	713.80	713.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
431733.00000	3875261.00000	1.9949000e-04	716.30	716.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
432233.00000	3875261.00000	2.0348870e-04	717.30	717.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
432733.00000	3875261.00000	2.0962000e-04	718.70	718.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
433233.00000	3875261.00000	2.1815050e-04	719.80	719.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
433733.00000	3875261.00000	2.3503390e-04	721.70	721.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
434233.00000	3875261.00000	2.6249150e-04	721.80	721.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
434733.00000	3875261.00000	3.0461100e-04	723.00	723.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
435233.00000	3875261.00000	3.7960860e-04	724.50	724.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
435733.00000	3875261.00000	4.9379330e-04	725.70	725.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
436233.00000	3875261.00000	6.5214120e-04	728.70	728.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
436733.00000	3875261.00000	8.5873990e-04	731.50	731.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
437233.00000	3875261.00000	1.1446900e-03	734.50	734.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
437733.00000	3875261.00000	1.2940640e-03	736.60	736.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
438233.00000	3875261.00000	1.4075370e-03	744.20	744.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
438733.00000	3875261.00000	1.3281860e-03	757.50	757.50	1.20	PERIOD
CARTGRID	00043872	COURSE				



439233.00000	3875261.00000	1.0207310e-03	769.90	769.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
439733.00000	3875261.00000	8.0249180e-04	773.70	777.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
440233.00000	3875261.00000	9.4537820e-04	753.10	753.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
440733.00000	3875261.00000	8.3003830e-04	754.80	754.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
441233.00000	3875261.00000	7.4268920e-04	762.60	762.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
441733.00000	3875261.00000	6.4210010e-04	767.40	767.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
442233.00000	3875261.00000	5.7785450e-04	764.10	764.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
442733.00000	3875261.00000	5.0881060e-04	762.30	762.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
443233.00000	3875261.00000	4.3319100e-04	763.20	763.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
443733.00000	3875261.00000	3.5801570e-04	763.80	763.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
444233.00000	3875261.00000	2.8355120e-04	767.30	767.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
444733.00000	3875261.00000	2.2508160e-04	767.80	767.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
445233.00000	3875261.00000	1.7656420e-04	771.20	771.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
445733.00000	3875261.00000	1.4226440e-04	772.70	772.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
430733.00000	3875761.00000	1.6234670e-04	714.90	714.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
431233.00000	3875761.00000	1.6376840e-04	716.10	716.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
431733.00000	3875761.00000	1.6750050e-04	717.30	717.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
432233.00000	3875761.00000	1.7425380e-04	719.30	719.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
432733.00000	3875761.00000	1.8393960e-04	720.50	720.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
433233.00000	3875761.00000	2.0064520e-04	722.30	722.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
433733.00000	3875761.00000	2.2561470e-04	724.40	724.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
434233.00000	3875761.00000	2.5795970e-04	723.90	723.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
434733.00000	3875761.00000	3.1349700e-04	725.40	725.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
435233.00000	3875761.00000	3.9444810e-04	725.40	725.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
435733.00000	3875761.00000	5.0045780e-04	726.80	726.80	1.20	PERIOD
CARTGRID	00043872	COURSE				

436233.00000	3875761.00000	6.3641310e-04	728.60	728.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
436733.00000	3875761.00000	8.0426900e-04	732.60	732.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
437233.00000	3875761.00000	1.0232190e-03	736.30	736.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
437733.00000	3875761.00000	1.1038150e-03	737.60	737.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
438233.00000	3875761.00000	1.1673500e-03	747.70	747.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
438733.00000	3875761.00000	1.0960840e-03	754.60	754.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
439233.00000	3875761.00000	7.8925180e-04	772.00	790.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
439733.00000	3875761.00000	7.8081010e-04	760.90	760.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
440233.00000	3875761.00000	7.4810970e-04	755.50	755.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
440733.00000	3875761.00000	6.3996740e-04	762.00	762.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
441233.00000	3875761.00000	4.0990970e-04	793.80	796.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
441733.00000	3875761.00000	3.9089380e-04	794.60	810.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
442233.00000	3875761.00000	4.4776400e-04	775.50	812.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
442733.00000	3875761.00000	4.4385410e-04	766.60	766.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
443233.00000	3875761.00000	3.9453700e-04	770.00	770.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
443733.00000	3875761.00000	3.5339490e-04	770.00	770.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
444233.00000	3875761.00000	3.0558840e-04	770.80	770.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
444733.00000	3875761.00000	2.4454190e-04	777.70	777.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
445233.00000	3875761.00000	1.9824600e-04	780.40	780.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
445733.00000	3875761.00000	1.6501240e-04	777.20	777.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
430733.00000	3876261.00000	1.3871000e-04	717.20	717.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
431233.00000	3876261.00000	1.4341950e-04	718.40	718.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
431733.00000	3876261.00000	1.5070600e-04	719.30	719.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
432233.00000	3876261.00000	1.6154690e-04	720.50	720.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
432733.00000	3876261.00000	1.7727510e-04	722.10	722.10	1.20	PERIOD
CARTGRID	00043872	COURSE				

433233.00000	3876261.00000	1.9815710e-04	724.20	724.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
433733.00000	3876261.00000	2.2534820e-04	725.60	725.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
434233.00000	3876261.00000	2.6649020e-04	726.40	726.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
434733.00000	3876261.00000	3.2682590e-04	727.00	727.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
435233.00000	3876261.00000	4.0786590e-04	727.90	727.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
435733.00000	3876261.00000	5.0170180e-04	728.90	728.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
436233.00000	3876261.00000	6.2299530e-04	731.20	731.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
436733.00000	3876261.00000	7.5086430e-04	734.00	734.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
437233.00000	3876261.00000	9.2938340e-04	741.20	741.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
437733.00000	3876261.00000	9.6697110e-04	740.90	740.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
438233.00000	3876261.00000	9.7301350e-04	742.70	742.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
438733.00000	3876261.00000	9.3178260e-04	749.20	749.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
439233.00000	3876261.00000	7.5370790e-04	764.20	801.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
439733.00000	3876261.00000	5.8602960e-04	768.50	801.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
440233.00000	3876261.00000	5.8656280e-04	763.90	763.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
440733.00000	3876261.00000	5.2640480e-04	764.20	764.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
441233.00000	3876261.00000	4.5398410e-04	771.70	771.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
441733.00000	3876261.00000	3.7036720e-04	783.70	783.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
442233.00000	3876261.00000	3.8600650e-04	774.90	812.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
442733.00000	3876261.00000	3.6983400e-04	771.50	771.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
443233.00000	3876261.00000	3.3277950e-04	776.10	776.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
443733.00000	3876261.00000	3.0523300e-04	778.60	778.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
444233.00000	3876261.00000	2.8337350e-04	778.60	778.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
444733.00000	3876261.00000	2.5973690e-04	777.10	777.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
445233.00000	3876261.00000	2.1006430e-04	786.30	786.30	1.20	PERIOD
CARTGRID	00043872	COURSE				

445733.00000	3876261.00000	1.8571670e-04	782.20	782.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
430733.00000	3876761.00000	1.2662500e-04	718.40	718.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
431233.00000	3876761.00000	1.3551100e-04	720.00	720.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
431733.00000	3876761.00000	1.4670730e-04	721.10	721.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
432233.00000	3876761.00000	1.6021400e-04	722.00	722.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
432733.00000	3876761.00000	1.7700850e-04	723.90	723.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
433233.00000	3876761.00000	1.9886800e-04	725.10	725.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
433733.00000	3876761.00000	2.3094630e-04	727.20	727.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
434233.00000	3876761.00000	2.7706450e-04	728.40	728.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
434733.00000	3876761.00000	3.4068800e-04	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
435233.00000	3876761.00000	4.1230890e-04	728.60	728.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
435733.00000	3876761.00000	4.9921370e-04	730.90	730.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
436233.00000	3876761.00000	5.9989180e-04	734.30	734.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
436733.00000	3876761.00000	7.0483500e-04	737.10	737.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
437233.00000	3876761.00000	8.4087920e-04	746.60	746.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
437733.00000	3876761.00000	8.6353840e-04	750.90	750.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
438233.00000	3876761.00000	8.4274520e-04	746.40	746.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
438733.00000	3876761.00000	8.0089240e-04	749.80	749.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
439233.00000	3876761.00000	6.8288660e-04	756.10	756.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
439733.00000	3876761.00000	5.2631590e-04	763.40	763.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
440233.00000	3876761.00000	4.3434610e-04	774.20	774.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
440733.00000	3876761.00000	4.3185810e-04	769.30	769.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
441233.00000	3876761.00000	4.0626650e-04	768.10	768.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
441733.00000	3876761.00000	3.8023060e-04	770.50	770.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
442233.00000	3876761.00000	3.4735250e-04	773.50	773.50	1.20	PERIOD
CARTGRID	00043872	COURSE				

442733.00000	3876761.00000	3.0896510e-04	776.40	776.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
443233.00000	3876761.00000	2.7688680e-04	780.90	780.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
443733.00000	3876761.00000	2.5325010e-04	785.90	785.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
444233.00000	3876761.00000	2.4223150e-04	785.80	785.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
444733.00000	3876761.00000	2.3521160e-04	783.30	783.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
445233.00000	3876761.00000	2.1388530e-04	786.30	786.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
445733.00000	3876761.00000	1.9362530e-04	786.10	786.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
430733.00000	3877261.00000	1.2538100e-04	720.50	720.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
431233.00000	3877261.00000	1.3595530e-04	722.10	722.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
431733.00000	3877261.00000	1.4688510e-04	723.60	723.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
432233.00000	3877261.00000	1.5985860e-04	724.20	724.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
432733.00000	3877261.00000	1.7780820e-04	725.40	725.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
433233.00000	3877261.00000	2.0286670e-04	727.40	727.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
433733.00000	3877261.00000	2.3903260e-04	729.20	729.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
434233.00000	3877261.00000	2.9145980e-04	731.50	731.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
434733.00000	3877261.00000	3.5277300e-04	732.30	732.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
435233.00000	3877261.00000	4.1461930e-04	732.40	732.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
435733.00000	3877261.00000	4.9317130e-04	733.50	733.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
436233.00000	3877261.00000	5.6852420e-04	736.20	736.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
436733.00000	3877261.00000	6.5587340e-04	738.80	738.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
437233.00000	3877261.00000	7.4020120e-04	737.60	737.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
437733.00000	3877261.00000	7.6961370e-04	749.00	749.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
438233.00000	3877261.00000	7.3549160e-04	749.60	749.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
438733.00000	3877261.00000	6.9799290e-04	753.70	753.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
439233.00000	3877261.00000	5.8780690e-04	757.30	757.30	1.20	PERIOD
CARTGRID	00043872	COURSE				

439733.00000	3877261.00000	4.6002660e-04	762.80	762.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
440233.00000	3877261.00000	4.1941770e-04	765.40	765.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
440733.00000	3877261.00000	3.5668280e-04	774.30	774.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
441233.00000	3877261.00000	3.2682590e-04	775.60	775.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
441733.00000	3877261.00000	3.1625160e-04	775.20	775.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
442233.00000	3877261.00000	2.9137090e-04	778.70	778.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
442733.00000	3877261.00000	2.5644910e-04	783.50	783.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
443233.00000	3877261.00000	2.2543700e-04	789.40	789.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
443733.00000	3877261.00000	2.0802050e-04	794.50	794.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
444233.00000	3877261.00000	1.9895680e-04	795.90	795.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
444733.00000	3877261.00000	2.0206690e-04	789.40	789.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
445233.00000	3877261.00000	1.9255890e-04	790.70	790.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
445733.00000	3877261.00000	1.8207350e-04	791.70	791.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
430733.00000	3877761.00000	1.2671390e-04	723.00	723.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
431233.00000	3877761.00000	1.3524440e-04	725.50	725.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
431733.00000	3877761.00000	1.4581870e-04	726.30	726.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
432233.00000	3877761.00000	1.6065830e-04	726.50	726.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
432733.00000	3877761.00000	1.8065170e-04	727.60	727.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
433233.00000	3877761.00000	2.0926460e-04	729.00	729.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
433733.00000	3877761.00000	2.5200610e-04	732.50	732.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
434233.00000	3877761.00000	3.0363360e-04	733.40	733.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
434733.00000	3877761.00000	3.5455010e-04	733.30	733.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
435233.00000	3877761.00000	4.1106490e-04	733.30	733.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
435733.00000	3877761.00000	4.8037550e-04	735.90	735.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
436233.00000	3877761.00000	5.3662360e-04	740.40	740.40	1.20	PERIOD
CARTGRID	00043872	COURSE				

436733.00000	3877761.00000	5.3697910e-04	680.00	795.50	1.20	PERIOD
CARTGRID 00043872 COURSE						
437233.00000	3877761.00000	5.7039030e-04	616.00	797.70	1.20	PERIOD
CARTGRID 00043872 COURSE						
437733.00000	3877761.00000	5.8487450e-04	666.00	780.30	1.20	PERIOD
CARTGRID 00043872 COURSE						
438233.00000	3877761.00000	6.4778710e-04	752.90	752.90	1.20	PERIOD
CARTGRID 00043872 COURSE						
438733.00000	3877761.00000	6.1677510e-04	755.90	755.90	1.20	PERIOD
CARTGRID 00043872 COURSE						
439233.00000	3877761.00000	5.0312360e-04	762.00	762.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
439733.00000	3877761.00000	4.0164580e-04	766.00	766.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
440233.00000	3877761.00000	3.3864430e-04	773.40	773.40	1.20	PERIOD
CARTGRID 00043872 COURSE						
440733.00000	3877761.00000	2.8230720e-04	782.90	782.90	1.20	PERIOD
CARTGRID 00043872 COURSE						
441233.00000	3877761.00000	2.7013350e-04	781.00	781.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
441733.00000	3877761.00000	2.6035890e-04	781.40	781.40	1.20	PERIOD
CARTGRID 00043872 COURSE						
442233.00000	3877761.00000	2.3361210e-04	787.60	787.60	1.20	PERIOD
CARTGRID 00043872 COURSE						
442733.00000	3877761.00000	2.0633220e-04	794.30	794.30	1.20	PERIOD
CARTGRID 00043872 COURSE						
443233.00000	3877761.00000	1.8278440e-04	802.10	802.10	1.20	PERIOD
CARTGRID 00043872 COURSE						
443733.00000	3877761.00000	1.7345410e-04	804.30	804.30	1.20	PERIOD
CARTGRID 00043872 COURSE						
444233.00000	3877761.00000	1.6794480e-04	805.20	805.20	1.20	PERIOD
CARTGRID 00043872 COURSE						
444733.00000	3877761.00000	1.6936660e-04	798.30	798.30	1.20	PERIOD
CARTGRID 00043872 COURSE						
445233.00000	3877761.00000	1.6501240e-04	798.20	798.20	1.20	PERIOD
CARTGRID 00043872 COURSE						
445733.00000	3877761.00000	1.6199120e-04	796.70	796.70	1.20	PERIOD
CARTGRID 00043872 COURSE						
430733.00000	3878261.00000	1.2413700e-04	725.30	725.30	1.20	PERIOD
CARTGRID 00043872 COURSE						
431233.00000	3878261.00000	1.3346720e-04	728.10	728.10	1.20	PERIOD
CARTGRID 00043872 COURSE						
431733.00000	3878261.00000	1.4688510e-04	730.00	730.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
432233.00000	3878261.00000	1.6323530e-04	729.30	729.30	1.20	PERIOD
CARTGRID 00043872 COURSE						
432733.00000	3878261.00000	1.8642760e-04	730.00	730.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
433233.00000	3878261.00000	2.1992770e-04	731.30	731.30	1.20	PERIOD
CARTGRID 00043872 COURSE						

433733.00000	3878261.00000	2.6346900e-04	734.00	734.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
434233.00000	3878261.00000	3.0967600e-04	735.70	735.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
434733.00000	3878261.00000	3.5455010e-04	736.40	736.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
435233.00000	3878261.00000	4.1506360e-04	753.10	753.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
435733.00000	3878261.00000	4.6766850e-04	748.40	764.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
436233.00000	3878261.00000	4.5958230e-04	771.60	771.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
436733.00000	3878261.00000	5.7758790e-04	749.70	749.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
437233.00000	3878261.00000	5.9829230e-04	727.00	788.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
437733.00000	3878261.00000	5.9624850e-04	731.70	774.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
438233.00000	3878261.00000	5.7438900e-04	756.20	756.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
438733.00000	3878261.00000	5.4159980e-04	761.40	761.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
439233.00000	3878261.00000	4.3230240e-04	766.60	789.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
439733.00000	3878261.00000	3.5028490e-04	770.80	770.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
440233.00000	3878261.00000	3.0487760e-04	773.80	773.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
440733.00000	3878261.00000	2.7084430e-04	779.30	779.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
441233.00000	3878261.00000	2.3023540e-04	785.40	785.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
441733.00000	3878261.00000	2.1068630e-04	790.30	790.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
442233.00000	3878261.00000	1.9326980e-04	795.20	795.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
442733.00000	3878261.00000	1.7123260e-04	804.40	804.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
443233.00000	3878261.00000	1.4795140e-04	820.00	820.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
443733.00000	3878261.00000	1.5070600e-04	810.70	810.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
444233.00000	3878261.00000	1.4439700e-04	814.00	814.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
444733.00000	3878261.00000	1.4493010e-04	808.00	808.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
445233.00000	3878261.00000	1.4297520e-04	805.10	805.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
445733.00000	3878261.00000	1.4315300e-04	801.00	801.00	1.20	PERIOD
CARTGRID	00043872	COURSE				



430733.00000	3878761.00000	1.2156000e-04	725.80	750.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
431233.00000	3878761.00000	1.3400040e-04	729.60	729.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
431733.00000	3878761.00000	1.4928430e-04	732.10	732.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
432233.00000	3878761.00000	1.6865570e-04	732.60	732.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
432733.00000	3878761.00000	1.9531360e-04	732.60	732.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
433233.00000	3878761.00000	2.3085750e-04	734.30	753.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
433733.00000	3878761.00000	2.7031120e-04	734.30	734.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
434233.00000	3878761.00000	3.1136430e-04	737.60	737.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
434733.00000	3878761.00000	3.5152890e-04	737.60	737.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
435233.00000	3878761.00000	4.0093490e-04	740.70	765.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
435733.00000	3878761.00000	4.2670420e-04	761.90	761.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
436233.00000	3878761.00000	4.1008740e-04	778.00	795.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
436733.00000	3878761.00000	4.8339670e-04	774.00	795.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
437233.00000	3878761.00000	4.8810620e-04	778.10	780.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
437733.00000	3878761.00000	5.1938490e-04	768.80	777.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
438233.00000	3878761.00000	5.1147640e-04	761.40	761.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
438733.00000	3878761.00000	4.6802390e-04	767.50	767.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
439233.00000	3878761.00000	3.6308070e-04	774.20	774.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
439733.00000	3878761.00000	3.0558840e-04	776.00	776.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
440233.00000	3878761.00000	2.5760420e-04	780.80	780.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
440733.00000	3878761.00000	2.2952460e-04	785.60	785.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
441233.00000	3878761.00000	1.9975660e-04	789.90	789.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
441733.00000	3878761.00000	1.8251780e-04	795.40	795.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
442233.00000	3878761.00000	1.6003630e-04	804.40	935.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
442733.00000	3878761.00000	1.3222320e-04	825.40	935.70	1.20	PERIOD
CARTGRID	00043872	COURSE				

443233.00000	3878761.00000	1.2289290e-04	835.30	935.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
443733.00000	3878761.00000	1.3417810e-04	814.00	935.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
444233.00000	3878761.00000	1.2795790e-04	818.80	818.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
444733.00000	3878761.00000	1.2653620e-04	816.90	816.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
445233.00000	3878761.00000	1.2511440e-04	813.90	813.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
445733.00000	3878761.00000	1.2555870e-04	807.50	807.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
430733.00000	3879261.00000	1.2342610e-04	730.50	730.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
431233.00000	3879261.00000	1.3968740e-04	744.90	798.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
431733.00000	3879261.00000	1.5594880e-04	743.90	762.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
432233.00000	3879261.00000	1.7558670e-04	734.60	734.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
432733.00000	3879261.00000	2.0437730e-04	734.90	734.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
433233.00000	3879261.00000	2.3947690e-04	737.10	737.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
433733.00000	3879261.00000	2.7955260e-04	746.00	753.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
434233.00000	3879261.00000	3.0976490e-04	738.90	738.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
434733.00000	3879261.00000	3.4788570e-04	741.00	741.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
435233.00000	3879261.00000	3.8431810e-04	740.90	740.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
435733.00000	3879261.00000	4.1026520e-04	743.80	767.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
436233.00000	3879261.00000	3.9098260e-04	778.00	778.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
436733.00000	3879261.00000	3.9746940e-04	789.80	789.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
437233.00000	3879261.00000	3.9977970e-04	792.10	792.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
437733.00000	3879261.00000	5.0010230e-04	762.50	783.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
438233.00000	3879261.00000	4.3656760e-04	771.20	779.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
438733.00000	3879261.00000	4.1924000e-04	768.70	768.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
439233.00000	3879261.00000	3.3366810e-04	774.40	774.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
439733.00000	3879261.00000	2.7084430e-04	780.20	780.20	1.20	PERIOD
CARTGRID	00043872	COURSE				

440233.00000	3879261.00000	2.2383750e-04	786.50	786.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
440733.00000	3879261.00000	1.9886800e-04	791.90	791.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
441233.00000	3879261.00000	1.6981090e-04	797.90	797.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
441733.00000	3879261.00000	1.5719280e-04	802.40	802.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
442233.00000	3879261.00000	1.3382270e-04	817.70	939.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
442733.00000	3879261.00000	1.1231860e-04	840.80	939.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
443233.00000	3879261.00000	1.1622850e-04	829.40	939.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
443733.00000	3879261.00000	1.1827220e-04	822.70	939.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
444233.00000	3879261.00000	1.1205210e-04	829.20	829.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
444733.00000	3879261.00000	1.1231860e-04	823.90	823.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
445233.00000	3879261.00000	1.1302950e-04	818.10	818.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
445733.00000	3879261.00000	1.1196320e-04	814.30	814.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
430733.00000	3879761.00000	1.2893540e-04	744.00	744.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
431233.00000	3879761.00000	1.3160120e-04	779.70	798.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
431733.00000	3879761.00000	1.6128030e-04	750.30	798.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
432233.00000	3879761.00000	1.8313980e-04	737.30	737.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
432733.00000	3879761.00000	2.1273010e-04	737.90	737.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
433233.00000	3879761.00000	2.4623020e-04	739.30	739.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
433733.00000	3879761.00000	2.7910830e-04	743.20	743.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
434233.00000	3879761.00000	3.0701020e-04	743.10	743.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
434733.00000	3879761.00000	3.4193210e-04	749.90	779.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
435233.00000	3879761.00000	3.6663510e-04	743.40	743.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
435733.00000	3879761.00000	3.8778370e-04	746.10	746.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
436233.00000	3879761.00000	4.1995090e-04	755.60	772.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
436733.00000	3879761.00000	4.7468840e-04	757.60	789.40	1.20	PERIOD
CARTGRID	00043872	COURSE				

437233.00000	3879761.00000	4.8650680e-04	755.90	783.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
437733.00000	3879761.00000	4.6953460e-04	759.70	759.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
438233.00000	3879761.00000	4.2457160e-04	765.40	765.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
438733.00000	3879761.00000	3.7196660e-04	771.40	771.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
439233.00000	3879761.00000	3.0505530e-04	775.90	775.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
439733.00000	3879761.00000	2.4756310e-04	782.20	782.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
440233.00000	3879761.00000	2.0544360e-04	788.80	788.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
440733.00000	3879761.00000	1.8082950e-04	795.40	795.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
441233.00000	3879761.00000	1.5328290e-04	802.10	802.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
441733.00000	3879761.00000	1.3915430e-04	807.40	807.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
442233.00000	3879761.00000	1.1978290e-04	825.10	939.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
442733.00000	3879761.00000	9.9433990e-05	855.30	939.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
443233.00000	3879761.00000	8.9481700e-05	882.50	939.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
443733.00000	3879761.00000	1.0441010e-04	831.70	939.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
444233.00000	3879761.00000	9.8278810e-05	841.70	841.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
444733.00000	3879761.00000	9.9967150e-05	833.10	833.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
445233.00000	3879761.00000	1.0023370e-04	828.40	828.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
445733.00000	3879761.00000	1.0130000e-04	820.70	820.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
435850.40000	3873157.00000	7.8907400e-04	730.00	730.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435900.40000	3873157.00000	8.1279960e-04	731.00	731.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435950.40000	3873157.00000	8.3314840e-04	731.00	731.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436000.40000	3873157.00000	8.5616300e-04	731.30	731.30	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436050.40000	3873157.00000	8.8273210e-04	732.00	732.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436100.40000	3873157.00000	9.0761280e-04	732.10	732.10	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436150.40000	3873157.00000	9.3889140e-04	733.00	733.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				

436200.40000	3873157.00000	9.6812620e-04	733.20	733.20	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436250.40000	3873157.00000	1.0034920e-03	734.00	734.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436300.40000	3873157.00000	1.0363710e-03	734.00	734.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436350.40000	3873157.00000	1.0791120e-03	735.00	735.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436400.40000	3873157.00000	1.1187430e-03	735.10	735.10	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436450.40000	3873157.00000	1.1684160e-03	736.00	736.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436500.40000	3873157.00000	1.2148900e-03	736.00	736.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436550.40000	3873157.00000	1.2691830e-03	736.40	736.40	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436600.40000	3873157.00000	1.3304960e-03	737.00	737.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436650.40000	3873157.00000	1.3937640e-03	737.20	737.20	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436700.40000	3873157.00000	1.4700060e-03	738.00	738.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436750.40000	3873157.00000	1.5453590e-03	738.00	738.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436800.40000	3873157.00000	1.6296870e-03	738.00	738.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436850.40000	3873157.00000	1.7246780e-03	738.00	738.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435850.40000	3873207.00000	7.6801420e-04	730.00	730.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435900.40000	3873207.00000	7.8809650e-04	730.40	730.40	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435950.40000	3873207.00000	8.1031150e-04	731.00	731.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436000.40000	3873207.00000	8.3092690e-04	731.00	731.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436050.40000	3873207.00000	8.5722930e-04	731.90	731.90	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436100.40000	3873207.00000	8.8113260e-04	732.00	732.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436150.40000	3873207.00000	9.0619110e-04	732.00	732.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436200.40000	3873207.00000	9.3809170e-04	732.90	732.90	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436250.40000	3873207.00000	9.7265820e-04	733.80	733.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436300.40000	3873207.00000	1.0056250e-03	734.00	734.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436350.40000	3873207.00000	1.0426800e-03	734.40	734.40	1.20	PERIOD
CARTGRID	00043872	DESERTL				

436400.40000	3873207.00000	1.0842660e-03	735.00	735.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436450.40000	3873207.00000	1.1250520e-03	735.00	735.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436500.40000	3873207.00000	1.1765020e-03	735.90	735.90	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436550.40000	3873207.00000	1.2258190e-03	736.00	736.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436600.40000	3873207.00000	1.2842000e-03	736.60	736.60	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436650.40000	3873207.00000	1.3463130e-03	737.00	737.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436700.40000	3873207.00000	1.4188230e-03	737.80	737.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436750.40000	3873207.00000	1.4926650e-03	738.00	738.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436800.40000	3873207.00000	1.5728160e-03	738.00	738.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436850.40000	3873207.00000	1.6629200e-03	738.00	738.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435850.40000	3873257.00000	7.4846510e-04	730.00	730.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435900.40000	3873257.00000	7.6623710e-04	730.00	730.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435950.40000	3873257.00000	7.8934060e-04	731.00	731.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436000.40000	3873257.00000	8.0924510e-04	731.00	731.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436050.40000	3873257.00000	8.3519220e-04	732.00	732.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436100.40000	3873257.00000	8.5785140e-04	732.00	732.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436150.40000	3873257.00000	8.8219900e-04	732.00	732.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436200.40000	3873257.00000	9.1205580e-04	732.70	732.70	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436250.40000	3873257.00000	9.4209040e-04	733.00	733.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436300.40000	3873257.00000	9.7887830e-04	734.00	734.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436350.40000	3873257.00000	1.0122900e-03	734.00	734.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436400.40000	3873257.00000	1.0512100e-03	734.40	734.40	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436450.40000	3873257.00000	1.0949290e-03	735.00	735.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436500.40000	3873257.00000	1.1378480e-03	735.00	735.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436550.40000	3873257.00000	1.1924970e-03	736.00	736.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				

436600.40000	3873257.00000	1.2437690e-03	736.00	736.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436650.40000	3873257.00000	1.3060600e-03	736.70	736.70	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436700.40000	3873257.00000	1.3747480e-03	737.40	737.40	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436750.40000	3873257.00000	1.4499230e-03	738.00	738.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436800.40000	3873257.00000	1.5269650e-03	738.00	738.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436850.40000	3873257.00000	1.6132480e-03	738.00	738.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435850.40000	3873307.00000	7.2944920e-04	729.40	729.40	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435900.40000	3873307.00000	7.4908710e-04	730.00	730.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435950.40000	3873307.00000	7.6988030e-04	730.60	730.60	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436000.40000	3873307.00000	7.9191750e-04	731.20	731.20	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436050.40000	3873307.00000	8.1493220e-04	731.70	731.70	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436100.40000	3873307.00000	8.3723590e-04	731.70	731.70	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436150.40000	3873307.00000	8.6105030e-04	731.70	731.70	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436200.40000	3873307.00000	8.9037400e-04	732.40	732.40	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436250.40000	3873307.00000	9.2103060e-04	732.90	732.90	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436300.40000	3873307.00000	9.5408640e-04	733.40	733.40	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436350.40000	3873307.00000	9.8811960e-04	733.60	733.60	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436400.40000	3873307.00000	1.0249080e-03	733.80	733.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436450.40000	3873307.00000	1.0653390e-03	734.10	734.10	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436500.40000	3873307.00000	1.1099460e-03	734.50	734.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436550.40000	3873307.00000	1.1568640e-03	734.70	734.70	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436600.40000	3873307.00000	1.2108910e-03	735.30	735.30	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436650.40000	3873307.00000	1.2709600e-03	736.00	736.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436700.40000	3873307.00000	1.3368940e-03	736.70	736.70	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436750.40000	3873307.00000	1.4099370e-03	737.40	737.40	1.20	PERIOD
CARTGRID	00043872	DESERTL				

436800.40000	3873307.00000	1.4845790e-03	737.50	737.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436850.40000	3873307.00000	1.5675740e-03	737.60	737.60	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435850.40000	3873357.00000	7.1496500e-04	729.10	729.10	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435900.40000	3873357.00000	7.3335900e-04	729.50	729.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435950.40000	3873357.00000	7.5370790e-04	730.10	730.10	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436000.40000	3873357.00000	7.7583390e-04	730.80	730.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436050.40000	3873357.00000	7.9804880e-04	731.20	731.20	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436100.40000	3873357.00000	8.2141890e-04	731.50	731.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436150.40000	3873357.00000	8.4603300e-04	731.70	731.70	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436200.40000	3873357.00000	8.7455700e-04	732.30	732.30	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436250.40000	3873357.00000	9.0432500e-04	732.70	732.70	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436300.40000	3873357.00000	9.3524820e-04	732.90	732.90	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436350.40000	3873357.00000	9.6981460e-04	733.30	733.30	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436400.40000	3873357.00000	1.0065140e-03	733.60	733.60	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436450.40000	3873357.00000	1.0454340e-03	733.80	733.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436500.40000	3873357.00000	1.0880870e-03	734.10	734.10	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436550.40000	3873357.00000	1.1342050e-03	734.40	734.40	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436600.40000	3873357.00000	1.1848550e-03	734.80	734.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436650.40000	3873357.00000	1.2415470e-03	735.40	735.40	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436700.40000	3873357.00000	1.3044600e-03	736.10	736.10	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436750.40000	3873357.00000	1.3746590e-03	736.90	736.90	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436800.40000	3873357.00000	1.4492130e-03	737.40	737.40	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436850.40000	3873357.00000	1.5285640e-03	737.60	737.60	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435850.40000	3873407.00000	7.0341320e-04	728.80	728.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435900.40000	3873407.00000	7.2127410e-04	729.10	729.10	1.20	PERIOD
CARTGRID	00043872	DESERTL				



435950.40000	3873407.00000	7.4091200e-04	729.60	729.60	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436000.40000	3873407.00000	7.6268270e-04	730.30	730.30	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436050.40000	3873407.00000	7.8507530e-04	730.80	730.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436100.40000	3873407.00000	8.0915630e-04	731.30	731.30	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436150.40000	3873407.00000	8.3501440e-04	731.80	731.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436200.40000	3873407.00000	8.6122800e-04	732.00	732.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436250.40000	3873407.00000	8.9046300e-04	732.40	732.40	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436300.40000	3873407.00000	9.2138610e-04	732.70	732.70	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436350.40000	3873407.00000	9.5408640e-04	732.90	732.90	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436400.40000	3873407.00000	9.8971920e-04	733.20	733.20	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436450.40000	3873407.00000	1.0285510e-03	733.60	733.60	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436500.40000	3873407.00000	1.0696930e-03	733.90	733.90	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436550.40000	3873407.00000	1.1131450e-03	734.10	734.10	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436600.40000	3873407.00000	1.1599740e-03	734.30	734.30	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436650.40000	3873407.00000	1.2145340e-03	735.00	735.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436700.40000	3873407.00000	1.2733590e-03	735.60	735.60	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436750.40000	3873407.00000	1.3397370e-03	736.40	736.40	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436800.40000	3873407.00000	1.4101140e-03	736.90	736.90	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436850.40000	3873407.00000	1.4850230e-03	737.10	737.10	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435850.40000	3873457.00000	6.9417190e-04	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435900.40000	3873457.00000	7.1069980e-04	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435950.40000	3873457.00000	7.3007120e-04	729.00	729.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436000.40000	3873457.00000	7.5184180e-04	729.80	729.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436050.40000	3873457.00000	7.7521190e-04	730.60	730.60	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436100.40000	3873457.00000	7.9938180e-04	731.20	731.20	1.20	PERIOD
CARTGRID	00043872	DESERTL				

436150.40000	3873457.00000	8.2426240e-04	731.60	731.60	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436200.40000	3873457.00000	8.5047600e-04	731.90	731.90	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436250.40000	3873457.00000	8.7757830e-04	732.00	732.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436300.40000	3873457.00000	9.0699080e-04	732.20	732.20	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436350.40000	3873457.00000	9.4004660e-04	732.70	732.70	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436400.40000	3873457.00000	9.7372450e-04	732.90	732.90	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436450.40000	3873457.00000	1.0115790e-03	733.40	733.40	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436500.40000	3873457.00000	1.0506770e-03	733.70	733.70	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436550.40000	3873457.00000	1.0934180e-03	734.10	734.10	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436600.40000	3873457.00000	1.1379370e-03	734.30	734.30	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436650.40000	3873457.00000	1.1884980e-03	734.80	734.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436700.40000	3873457.00000	1.2436800e-03	735.30	735.30	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436750.40000	3873457.00000	1.3053490e-03	735.90	735.90	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436800.40000	3873457.00000	1.3725270e-03	736.40	736.40	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436850.40000	3873457.00000	1.4461910e-03	736.80	736.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435850.40000	3873507.00000	6.8724080e-04	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435900.40000	3873507.00000	7.0350220e-04	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435950.40000	3873507.00000	7.2109640e-04	728.60	728.60	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436000.40000	3873507.00000	7.4197840e-04	729.30	729.30	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436050.40000	3873507.00000	7.6517080e-04	730.20	730.20	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436100.40000	3873507.00000	7.8916280e-04	730.90	730.90	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436150.40000	3873507.00000	8.1422130e-04	731.50	731.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436200.40000	3873507.00000	8.3919080e-04	731.70	731.70	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436250.40000	3873507.00000	8.6469360e-04	731.70	731.70	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436300.40000	3873507.00000	8.9197360e-04	731.70	731.70	1.20	PERIOD
CARTGRID	00043872	DESERTL				

436350.40000	3873507.00000	9.2414070e-04	732.30	732.30	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436400.40000	3873507.00000	9.5737420e-04	732.70	732.70	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436450.40000	3873507.00000	9.9336240e-04	733.20	733.20	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436500.40000	3873507.00000	1.0313060e-03	733.60	733.60	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436550.40000	3873507.00000	1.0720030e-03	734.00	734.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436600.40000	3873507.00000	1.1153670e-03	734.30	734.30	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436650.40000	3873507.00000	1.1639730e-03	734.80	734.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436700.40000	3873507.00000	1.2164890e-03	735.20	735.20	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436750.40000	3873507.00000	1.2737150e-03	735.50	735.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436800.40000	3873507.00000	1.3378710e-03	735.90	735.90	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436850.40000	3873507.00000	1.4091370e-03	736.30	736.30	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435850.40000	3873557.00000	6.8039860e-04	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435900.40000	3873557.00000	6.9621560e-04	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435950.40000	3873557.00000	7.1301010e-04	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436000.40000	3873557.00000	7.3300350e-04	729.10	729.10	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436050.40000	3873557.00000	7.5468530e-04	729.80	729.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436100.40000	3873557.00000	7.7778890e-04	730.50	730.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436150.40000	3873557.00000	8.0240300e-04	731.20	731.20	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436200.40000	3873557.00000	8.2532880e-04	731.20	731.20	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436250.40000	3873557.00000	8.5029830e-04	731.30	731.30	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436300.40000	3873557.00000	8.7882230e-04	731.80	731.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436350.40000	3873557.00000	9.0805710e-04	732.10	732.10	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436400.40000	3873557.00000	9.3986890e-04	732.50	732.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436450.40000	3873557.00000	9.7434650e-04	733.00	733.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436500.40000	3873557.00000	1.0100680e-03	733.30	733.30	1.20	PERIOD
CARTGRID	00043872	DESERTL				

436550.40000	3873557.00000	1.0499660e-03	733.80	733.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436600.40000	3873557.00000	1.0931520e-03	734.30	734.30	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436650.40000	3873557.00000	1.1390920e-03	734.60	734.60	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436700.40000	3873557.00000	1.1881430e-03	734.70	734.70	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436750.40000	3873557.00000	1.2453680e-03	735.20	735.20	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436800.40000	3873557.00000	1.3087250e-03	735.70	735.70	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436850.40000	3873557.00000	1.3760810e-03	735.90	735.90	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435850.40000	3873607.00000	6.7302330e-04	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435900.40000	3873607.00000	6.8821830e-04	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435950.40000	3873607.00000	7.0439070e-04	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436000.40000	3873607.00000	7.2296240e-04	728.90	728.90	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436050.40000	3873607.00000	7.4348900e-04	729.50	729.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436100.40000	3873607.00000	7.6570390e-04	730.20	730.20	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436150.40000	3873607.00000	7.8845200e-04	730.70	730.70	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436200.40000	3873607.00000	8.1137780e-04	730.90	730.90	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436250.40000	3873607.00000	8.3670280e-04	731.30	731.30	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436300.40000	3873607.00000	8.6407160e-04	731.80	731.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436350.40000	3873607.00000	8.9232890e-04	732.10	732.10	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436400.40000	3873607.00000	9.2298550e-04	732.50	732.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436450.40000	3873607.00000	9.5461960e-04	732.70	732.70	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436500.40000	3873607.00000	9.9105200e-04	733.30	733.30	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436550.40000	3873607.00000	1.0298840e-03	733.80	733.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436600.40000	3873607.00000	1.0722700e-03	734.30	734.30	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436650.40000	3873607.00000	1.1152780e-03	734.30	734.30	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436700.40000	3873607.00000	1.1647730e-03	734.60	734.60	1.20	PERIOD
CARTGRID	00043872	DESERTL				

436750.40000	3873607.00000	1.2193330e-03	734.90	734.90	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436800.40000	3873607.00000	1.2794020e-03	735.20	735.20	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436850.40000	3873607.00000	1.3464020e-03	735.60	735.60	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435850.40000	3873657.00000	6.6449270e-04	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435900.40000	3873657.00000	6.7915460e-04	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435950.40000	3873657.00000	6.9470500e-04	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436000.40000	3873657.00000	7.1185490e-04	728.70	728.70	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436050.40000	3873657.00000	7.3158180e-04	729.30	729.30	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436100.40000	3873657.00000	7.5219720e-04	729.80	729.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436150.40000	3873657.00000	7.7414550e-04	730.30	730.30	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436200.40000	3873657.00000	7.9707140e-04	730.70	730.70	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436250.40000	3873657.00000	8.2195210e-04	731.20	731.20	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436300.40000	3873657.00000	8.4754370e-04	731.50	731.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436350.40000	3873657.00000	8.7588990e-04	732.00	732.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436400.40000	3873657.00000	9.0468050e-04	732.20	732.20	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436450.40000	3873657.00000	9.3720310e-04	732.70	732.70	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436500.40000	3873657.00000	9.7123640e-04	733.00	733.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436550.40000	3873657.00000	1.0087350e-03	733.40	733.40	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436600.40000	3873657.00000	1.0496990e-03	733.80	733.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436650.40000	3873657.00000	1.0939520e-03	734.10	734.10	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436700.40000	3873657.00000	1.1424690e-03	734.40	734.40	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436750.40000	3873657.00000	1.1950740e-03	734.60	734.60	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436800.40000	3873657.00000	1.2551430e-03	735.10	735.10	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436850.40000	3873657.00000	1.3193890e-03	735.40	735.40	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435850.40000	3873707.00000	6.5489590e-04	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				

435900.40000	3873707.00000	6.6902460e-04	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435950.40000	3873707.00000	6.8395310e-04	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436000.40000	3873707.00000	7.0092520e-04	728.80	728.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436050.40000	3873707.00000	7.1896370e-04	729.10	729.10	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436100.40000	3873707.00000	7.3851280e-04	729.50	729.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436150.40000	3873707.00000	7.5975030e-04	730.00	730.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436200.40000	3873707.00000	7.8249840e-04	730.50	730.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436250.40000	3873707.00000	8.0675710e-04	731.00	731.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436300.40000	3873707.00000	8.3261520e-04	731.50	731.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436350.40000	3873707.00000	8.6042840e-04	732.00	732.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436400.40000	3873707.00000	8.8868570e-04	732.20	732.20	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436450.40000	3873707.00000	9.2076410e-04	732.70	732.70	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436500.40000	3873707.00000	9.5373100e-04	732.90	732.90	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436550.40000	3873707.00000	9.9016340e-04	733.20	733.20	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436600.40000	3873707.00000	1.0304170e-03	733.60	733.60	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436650.40000	3873707.00000	1.0739580e-03	733.90	733.90	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436700.40000	3873707.00000	1.1229200e-03	734.40	734.40	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436750.40000	3873707.00000	1.1744590e-03	734.60	734.60	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436800.40000	3873707.00000	1.2330170e-03	735.10	735.10	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436850.40000	3873707.00000	1.2938860e-03	735.20	735.20	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435850.40000	3873757.00000	6.4449930e-04	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435900.40000	3873757.00000	6.5809480e-04	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435950.40000	3873757.00000	6.7257900e-04	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436000.40000	3873757.00000	6.8839590e-04	728.60	728.60	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436050.40000	3873757.00000	7.0527930e-04	728.70	728.70	1.20	PERIOD
CARTGRID	00043872	DESERTL				

436100.40000	3873757.00000	7.2473960e-04	729.20	729.20	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436150.40000	3873757.00000	7.4588820e-04	729.80	729.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436200.40000	3873757.00000	7.6810310e-04	730.30	730.30	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436250.40000	3873757.00000	7.9280620e-04	731.00	731.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436300.40000	3873757.00000	8.1830890e-04	731.50	731.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436350.40000	3873757.00000	8.4478900e-04	731.80	731.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436400.40000	3873757.00000	8.7366840e-04	732.20	732.20	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436450.40000	3873757.00000	9.0379190e-04	732.40	732.40	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436500.40000	3873757.00000	9.3675880e-04	732.70	732.70	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436550.40000	3873757.00000	9.7212490e-04	732.90	732.90	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436600.40000	3873757.00000	1.0123780e-03	733.40	733.40	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436650.40000	3873757.00000	1.0545870e-03	733.60	733.60	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436700.40000	3873757.00000	1.1032820e-03	734.20	734.20	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436750.40000	3873757.00000	1.1549980e-03	734.60	734.60	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436800.40000	3873757.00000	1.2092030e-03	734.70	734.70	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436850.40000	3873757.00000	1.2687390e-03	734.90	734.90	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435850.40000	3873807.00000	6.3348070e-04	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435900.40000	3873807.00000	6.4672080e-04	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435950.40000	3873807.00000	6.6093840e-04	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436000.40000	3873807.00000	6.7613330e-04	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436050.40000	3873807.00000	6.9239460e-04	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436100.40000	3873807.00000	7.1114410e-04	728.90	728.90	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436150.40000	3873807.00000	7.3238150e-04	729.60	729.60	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436200.40000	3873807.00000	7.5468530e-04	730.20	730.20	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436250.40000	3873807.00000	7.7867750e-04	730.80	730.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				

436300.40000	3873807.00000	8.0471330e-04	731.50	731.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436350.40000	3873807.00000	8.3048260e-04	731.70	731.70	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436400.40000	3873807.00000	8.5900660e-04	732.10	732.10	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436450.40000	3873807.00000	8.8868570e-04	732.30	732.30	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436500.40000	3873807.00000	9.2138610e-04	732.60	732.60	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436550.40000	3873807.00000	9.5630790e-04	732.80	732.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436600.40000	3873807.00000	9.9433990e-04	733.00	733.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436650.40000	3873807.00000	1.0369930e-03	733.40	733.40	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436700.40000	3873807.00000	1.0840880e-03	733.90	733.90	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436750.40000	3873807.00000	1.1333160e-03	734.10	734.10	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436800.40000	3873807.00000	1.1872540e-03	734.40	734.40	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436850.40000	3873807.00000	1.2439470e-03	734.50	734.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435850.40000	3873857.00000	6.2228440e-04	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435900.40000	3873857.00000	6.3534670e-04	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435950.40000	3873857.00000	6.4929770e-04	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436000.40000	3873857.00000	6.6440390e-04	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436050.40000	3873857.00000	6.8048750e-04	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436100.40000	3873857.00000	6.9817060e-04	728.60	728.60	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436150.40000	3873857.00000	7.1949690e-04	729.40	729.40	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436200.40000	3873857.00000	7.4206720e-04	730.10	730.10	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436250.40000	3873857.00000	7.6579280e-04	730.70	730.70	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436300.40000	3873857.00000	7.9067340e-04	731.20	731.20	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436350.40000	3873857.00000	8.1742030e-04	731.70	731.70	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436400.40000	3873857.00000	8.4470010e-04	731.90	731.90	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436450.40000	3873857.00000	8.7402390e-04	732.10	732.10	1.20	PERIOD
CARTGRID	00043872	DESERTL				



436500.40000	3873857.00000	9.0485820e-04	732.10	732.10	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436550.40000	3873857.00000	9.4040200e-04	732.50	732.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436600.40000	3873857.00000	9.7798960e-04	732.70	732.70	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436650.40000	3873857.00000	1.0205540e-03	733.20	733.20	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436700.40000	3873857.00000	1.0655160e-03	733.50	733.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436750.40000	3873857.00000	1.1146560e-03	733.90	733.90	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436800.40000	3873857.00000	1.1656610e-03	734.00	734.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436850.40000	3873857.00000	1.2211990e-03	734.20	734.20	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435850.40000	3873907.00000	6.1517560e-04	729.80	729.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435900.40000	3873907.00000	6.2415040e-04	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435950.40000	3873907.00000	6.3810140e-04	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436000.40000	3873907.00000	6.5311870e-04	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436050.40000	3873907.00000	6.6920230e-04	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436100.40000	3873907.00000	6.8786280e-04	728.90	728.90	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436150.40000	3873907.00000	7.0803400e-04	729.40	729.40	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436200.40000	3873907.00000	7.3042660e-04	730.10	730.10	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436250.40000	3873907.00000	7.5397440e-04	730.70	730.70	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436300.40000	3873907.00000	7.7867750e-04	731.20	731.20	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436350.40000	3873907.00000	8.0506880e-04	731.70	731.70	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436400.40000	3873907.00000	8.3163780e-04	731.80	731.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436450.40000	3873907.00000	8.5989520e-04	731.80	731.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436500.40000	3873907.00000	8.9099610e-04	731.90	731.90	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436550.40000	3873907.00000	9.2467390e-04	732.00	732.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436600.40000	3873907.00000	9.6323900e-04	732.50	732.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436650.40000	3873907.00000	1.0040260e-03	732.80	732.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				

436700.40000	3873907.00000	1.0484550e-03	733.20	733.20	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436750.40000	3873907.00000	1.0951960e-03	733.40	733.40	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436800.40000	3873907.00000	1.1459340e-03	733.70	733.70	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436850.40000	3873907.00000	1.1989840e-03	733.80	733.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435850.40000	3873957.00000	6.0708940e-04	730.70	734.30	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435900.40000	3873957.00000	6.1339840e-04	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435950.40000	3873957.00000	6.2734940e-04	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436000.40000	3873957.00000	6.4245550e-04	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436050.40000	3873957.00000	6.5862800e-04	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436100.40000	3873957.00000	6.7684420e-04	728.80	728.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436150.40000	3873957.00000	6.9737080e-04	729.40	729.40	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436200.40000	3873957.00000	7.1985230e-04	730.20	730.20	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436250.40000	3873957.00000	7.4322240e-04	730.80	730.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436300.40000	3873957.00000	7.6730340e-04	731.20	731.20	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436350.40000	3873957.00000	7.9271730e-04	731.50	731.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436400.40000	3873957.00000	8.1875310e-04	731.50	731.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436450.40000	3873957.00000	8.4763250e-04	731.70	731.70	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436500.40000	3873957.00000	8.7811140e-04	731.70	731.70	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436550.40000	3873957.00000	9.1107840e-04	731.70	731.70	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436600.40000	3873957.00000	9.4813290e-04	732.00	732.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436650.40000	3873957.00000	9.8909720e-04	732.50	732.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436700.40000	3873957.00000	1.0321050e-03	732.80	732.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436750.40000	3873957.00000	1.0776010e-03	733.00	733.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436800.40000	3873957.00000	1.1269180e-03	733.30	733.30	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436850.40000	3873957.00000	1.1794350e-03	733.60	733.60	1.20	PERIOD
CARTGRID	00043872	DESERTL				

435850.40000	3874007.00000	5.9011710e-04	728.50	734.30	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435900.40000	3874007.00000	6.0326840e-04	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435950.40000	3874007.00000	6.1819680e-04	728.80	728.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436000.40000	3874007.00000	6.3339180e-04	728.80	728.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436050.40000	3874007.00000	6.4956430e-04	728.80	728.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436100.40000	3874007.00000	6.6786930e-04	729.10	729.10	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436150.40000	3874007.00000	6.8724080e-04	729.40	729.40	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436200.40000	3874007.00000	7.0927800e-04	730.10	730.10	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436250.40000	3874007.00000	7.3353670e-04	731.00	731.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436300.40000	3874007.00000	7.5797310e-04	731.50	731.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436350.40000	3874007.00000	7.8205410e-04	731.50	731.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436400.40000	3874007.00000	8.0800110e-04	731.50	731.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436450.40000	3874007.00000	8.3608080e-04	731.50	731.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436500.40000	3874007.00000	8.6629300e-04	731.50	731.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436550.40000	3874007.00000	8.9943770e-04	731.60	731.60	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436600.40000	3874007.00000	9.3551470e-04	731.80	731.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436650.40000	3874007.00000	9.7576820e-04	732.30	732.30	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436700.40000	3874007.00000	1.0174430e-03	732.50	732.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436750.40000	3874007.00000	1.0619620e-03	732.70	732.70	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436800.40000	3874007.00000	1.1097690e-03	733.00	733.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436850.40000	3874007.00000	1.1605080e-03	733.30	733.30	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435850.40000	3874057.00000	5.8025380e-04	728.40	735.20	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435900.40000	3874057.00000	5.9411580e-04	728.60	728.60	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435950.40000	3874057.00000	6.0975510e-04	729.10	729.10	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436000.40000	3874057.00000	6.2495020e-04	729.10	729.10	1.20	PERIOD
CARTGRID	00043872	DESERTL				

436050.40000	3874057.00000	6.4121150e-04	729.10	729.10	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436100.40000	3874057.00000	6.5800600e-04	728.90	728.90	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436150.40000	3874057.00000	6.7666650e-04	729.00	729.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436200.40000	3874057.00000	6.9923690e-04	729.90	729.90	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436250.40000	3874057.00000	7.2473960e-04	731.20	731.20	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436300.40000	3874057.00000	7.4828740e-04	731.50	731.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436350.40000	3874057.00000	7.7174640e-04	731.30	731.30	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436400.40000	3874057.00000	7.9760450e-04	731.30	731.30	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436450.40000	3874057.00000	8.2559530e-04	731.30	731.30	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436500.40000	3874057.00000	8.5642970e-04	731.50	731.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436550.40000	3874057.00000	8.9010750e-04	731.80	731.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436600.40000	3874057.00000	9.2494050e-04	731.80	731.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436650.40000	3874057.00000	9.6270590e-04	731.90	731.90	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436700.40000	3874057.00000	1.0040260e-03	732.20	732.20	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436750.40000	3874057.00000	1.0480110e-03	732.50	732.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436800.40000	3874057.00000	1.0938630e-03	732.70	732.70	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436850.40000	3874057.00000	1.1422910e-03	732.90	732.90	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435850.40000	3874107.00000	5.7900970e-04	731.10	735.20	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435900.40000	3874107.00000	5.9011710e-04	730.30	730.30	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435950.40000	3874107.00000	6.0166890e-04	729.30	729.30	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436000.40000	3874107.00000	6.1641970e-04	729.10	729.10	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436050.40000	3874107.00000	6.3179240e-04	728.80	728.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436100.40000	3874107.00000	6.4858680e-04	728.60	728.60	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436150.40000	3874107.00000	6.6671420e-04	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436200.40000	3874107.00000	6.8697430e-04	728.70	728.70	1.20	PERIOD
CARTGRID	00043872	DESERTL				

436250.40000	3874107.00000	7.1069980e-04	729.60	729.60	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436300.40000	3874107.00000	7.3478070e-04	730.10	730.10	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436350.40000	3874107.00000	7.5779540e-04	729.80	729.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436400.40000	3874107.00000	7.8543080e-04	730.30	730.30	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436450.40000	3874107.00000	8.1502100e-04	730.80	730.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436500.40000	3874107.00000	8.4718820e-04	731.40	731.40	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436550.40000	3874107.00000	8.7971090e-04	731.50	731.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436600.40000	3874107.00000	9.1374420e-04	731.40	731.40	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436650.40000	3874107.00000	9.5088750e-04	731.50	731.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436700.40000	3874107.00000	9.9131860e-04	731.80	731.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436750.40000	3874107.00000	1.0340600e-03	732.10	732.10	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436800.40000	3874107.00000	1.0784900e-03	732.30	732.30	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436850.40000	3874107.00000	1.1257630e-03	732.60	732.60	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435850.40000	3874157.00000	5.7270070e-04	731.80	731.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435900.40000	3874157.00000	5.8060910e-04	729.80	729.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435950.40000	3874157.00000	5.9260520e-04	728.90	728.90	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436000.40000	3874157.00000	6.0691170e-04	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436050.40000	3874157.00000	6.2326180e-04	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436100.40000	3874157.00000	6.4067830e-04	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436150.40000	3874157.00000	6.5925000e-04	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436200.40000	3874157.00000	6.7897690e-04	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436250.40000	3874157.00000	7.0021430e-04	728.60	728.60	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436300.40000	3874157.00000	7.2234040e-04	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436350.40000	3874157.00000	7.4624360e-04	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436400.40000	3874157.00000	7.7316820e-04	728.90	728.90	1.20	PERIOD
CARTGRID	00043872	DESERTL				

436450.40000	3874157.00000	8.0444680e-04	730.00	730.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436500.40000	3874157.00000	8.3785800e-04	731.00	731.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436550.40000	3874157.00000	8.7002520e-04	731.10	731.10	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436600.40000	3874157.00000	9.0325870e-04	730.90	730.90	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436650.40000	3874157.00000	9.4146830e-04	731.40	731.40	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436700.40000	3874157.00000	9.8056660e-04	731.60	731.60	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436750.40000	3874157.00000	1.0231300e-03	732.10	732.10	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436800.40000	3874157.00000	1.0647170e-03	732.00	732.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436850.40000	3874157.00000	1.1094130e-03	732.10	732.10	1.20	PERIOD
CARTGRID	00043872	DESERTL				
439957.60000	3872557.00000	1.1303660e-02	755.00	755.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440007.60000	3872557.00000	9.1102500e-03	755.60	755.60	1.20	PERIOD
CARTGRID	00043872	BORON				
440057.60000	3872557.00000	7.7335470e-03	756.00	756.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440107.60000	3872557.00000	6.7736850e-03	756.00	756.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440157.60000	3872557.00000	6.0246870e-03	756.00	756.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440207.60000	3872557.00000	5.4151090e-03	756.00	756.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440257.60000	3872557.00000	4.9039880e-03	756.00	756.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440307.60000	3872557.00000	4.4665320e-03	756.00	756.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440357.60000	3872557.00000	4.0834580e-03	756.10	756.10	1.20	PERIOD
CARTGRID	00043872	BORON				
440407.60000	3872557.00000	3.7447250e-03	756.30	756.30	1.20	PERIOD
CARTGRID	00043872	BORON				
440457.60000	3872557.00000	3.4322940e-03	757.00	757.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440507.60000	3872557.00000	3.1698030e-03	757.10	757.10	1.20	PERIOD
CARTGRID	00043872	BORON				
440557.60000	3872557.00000	2.9331690e-03	757.30	757.30	1.20	PERIOD
CARTGRID	00043872	BORON				
440607.60000	3872557.00000	2.7253260e-03	757.30	757.30	1.20	PERIOD
CARTGRID	00043872	BORON				
440657.60000	3872557.00000	2.5386320e-03	757.30	757.30	1.20	PERIOD
CARTGRID	00043872	BORON				
440707.60000	3872557.00000	2.3706880e-03	757.30	757.30	1.20	PERIOD
CARTGRID	00043872	BORON				

440757.60000	3872557.00000	2.2191820e-03	757.30	757.30	1.20	PERIOD
CARTGRID	00043872	BORON				
440807.60000	3872557.00000	2.0794940e-03	757.50	757.50	1.20	PERIOD
CARTGRID	00043872	BORON				
440857.60000	3872557.00000	1.9494930e-03	758.00	758.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440907.60000	3872557.00000	1.8360190e-03	758.00	758.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440957.60000	3872557.00000	1.7321420e-03	758.00	758.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441007.60000	3872557.00000	1.6367950e-03	758.00	758.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441057.60000	3872557.00000	1.5494460e-03	758.00	758.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441107.60000	3872557.00000	1.4685840e-03	758.10	758.10	1.20	PERIOD
CARTGRID	00043872	BORON				
441157.60000	3872557.00000	1.3936750e-03	758.30	758.30	1.20	PERIOD
CARTGRID	00043872	BORON				
441207.60000	3872557.00000	1.3219660e-03	759.00	759.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441257.60000	3872557.00000	1.2599410e-03	759.00	759.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441307.60000	3872557.00000	1.2028050e-03	759.00	759.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441357.60000	3872557.00000	1.1488670e-03	759.20	759.20	1.20	PERIOD
CARTGRID	00043872	BORON				
441407.60000	3872557.00000	1.0984830e-03	759.50	759.50	1.20	PERIOD
CARTGRID	00043872	BORON				
441457.60000	3872557.00000	1.0508550e-03	760.00	760.00	1.20	PERIOD
CARTGRID	00043872	BORON				
439957.60000	3872607.00000	1.1550690e-02	754.00	754.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440007.60000	3872607.00000	9.2449620e-03	754.80	754.80	1.20	PERIOD
CARTGRID	00043872	BORON				
440057.60000	3872607.00000	7.8364470e-03	755.20	755.20	1.20	PERIOD
CARTGRID	00043872	BORON				
440107.60000	3872607.00000	6.8230020e-03	755.60	755.60	1.20	PERIOD
CARTGRID	00043872	BORON				
440157.60000	3872607.00000	6.0645840e-03	755.60	755.60	1.20	PERIOD
CARTGRID	00043872	BORON				
440207.60000	3872607.00000	5.4772220e-03	755.00	755.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440257.60000	3872607.00000	4.9318900e-03	755.60	755.60	1.20	PERIOD
CARTGRID	00043872	BORON				
440307.60000	3872607.00000	4.4909680e-03	755.60	755.60	1.20	PERIOD
CARTGRID	00043872	BORON				
440357.60000	3872607.00000	4.1055840e-03	755.70	755.70	1.20	PERIOD
CARTGRID	00043872	BORON				
440407.60000	3872607.00000	3.7621410e-03	756.00	756.00	1.20	PERIOD
CARTGRID	00043872	BORON				

440457.60000	3872607.00000	3.4561090e-03	756.40	756.40	1.20	PERIOD
CARTGRID	00043872	BORON				
440507.60000	3872607.00000	3.1888180e-03	756.60	756.60	1.20	PERIOD
CARTGRID	00043872	BORON				
440557.60000	3872607.00000	2.9544960e-03	756.60	756.60	1.20	PERIOD
CARTGRID	00043872	BORON				
440607.60000	3872607.00000	2.7453200e-03	756.60	756.60	1.20	PERIOD
CARTGRID	00043872	BORON				
440657.60000	3872607.00000	2.5579150e-03	756.60	756.60	1.20	PERIOD
CARTGRID	00043872	BORON				
440707.60000	3872607.00000	2.3893480e-03	756.60	756.60	1.20	PERIOD
CARTGRID	00043872	BORON				
440757.60000	3872607.00000	2.2369540e-03	756.60	756.60	1.20	PERIOD
CARTGRID	00043872	BORON				
440807.60000	3872607.00000	2.0946900e-03	757.00	757.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440857.60000	3872607.00000	1.9693080e-03	757.00	757.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440907.60000	3872607.00000	1.8550350e-03	757.00	757.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440957.60000	3872607.00000	1.7490250e-03	757.20	757.20	1.20	PERIOD
CARTGRID	00043872	BORON				
441007.60000	3872607.00000	1.6504800e-03	757.60	757.60	1.20	PERIOD
CARTGRID	00043872	BORON				
441057.60000	3872607.00000	1.5617090e-03	757.80	757.80	1.20	PERIOD
CARTGRID	00043872	BORON				
441107.60000	3872607.00000	1.4801360e-03	758.00	758.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441157.60000	3872607.00000	1.4062930e-03	758.00	758.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441207.60000	3872607.00000	1.3381380e-03	758.00	758.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441257.60000	3872607.00000	1.2751360e-03	758.00	758.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441307.60000	3872607.00000	1.2138230e-03	758.60	758.60	1.20	PERIOD
CARTGRID	00043872	BORON				
441357.60000	3872607.00000	1.1598850e-03	758.60	758.60	1.20	PERIOD
CARTGRID	00043872	BORON				
441407.60000	3872607.00000	1.1079910e-03	759.00	759.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441457.60000	3872607.00000	1.0589410e-03	759.60	759.60	1.20	PERIOD
CARTGRID	00043872	BORON				
439957.60000	3872657.00000	1.1593260e-02	753.90	753.90	1.20	PERIOD
CARTGRID	00043872	BORON				
440007.60000	3872657.00000	9.3543480e-03	754.00	754.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440057.60000	3872657.00000	7.9512540e-03	754.00	754.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440107.60000	3872657.00000	6.8792500e-03	754.90	754.90	1.20	PERIOD
CARTGRID	00043872	BORON				



440157.60000	3872657.00000	6.1075930e-03	754.90	754.90	1.20	PERIOD
CARTGRID	00043872	BORON				
440207.60000	3872657.00000	5.4815760e-03	754.90	754.90	1.20	PERIOD
CARTGRID	00043872	BORON				
440257.60000	3872657.00000	4.9589030e-03	754.90	754.90	1.20	PERIOD
CARTGRID	00043872	BORON				
440307.60000	3872657.00000	4.5105180e-03	755.00	755.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440357.60000	3872657.00000	4.1250440e-03	755.00	755.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440407.60000	3872657.00000	3.7649850e-03	755.90	755.90	1.20	PERIOD
CARTGRID	00043872	BORON				
440457.60000	3872657.00000	3.4662390e-03	756.00	756.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440507.60000	3872657.00000	3.2030360e-03	756.00	756.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440557.60000	3872657.00000	2.9687130e-03	756.00	756.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440607.60000	3872657.00000	2.7595380e-03	756.00	756.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440657.60000	3872657.00000	2.5721330e-03	756.00	756.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440707.60000	3872657.00000	2.4033880e-03	756.00	756.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440757.60000	3872657.00000	2.2509050e-03	756.00	756.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440807.60000	3872657.00000	2.1126390e-03	756.00	756.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440857.60000	3872657.00000	1.9869020e-03	756.00	756.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440907.60000	3872657.00000	1.8724510e-03	756.00	756.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440957.60000	3872657.00000	1.7615540e-03	756.90	756.90	1.20	PERIOD
CARTGRID	00043872	BORON				
441007.60000	3872657.00000	1.6655860e-03	757.00	757.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441057.60000	3872657.00000	1.5779700e-03	757.00	757.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441107.60000	3872657.00000	1.4971970e-03	757.00	757.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441157.60000	3872657.00000	1.4174900e-03	757.90	757.90	1.20	PERIOD
CARTGRID	00043872	BORON				
441207.60000	3872657.00000	1.3487120e-03	757.90	757.90	1.20	PERIOD
CARTGRID	00043872	BORON				
441257.60000	3872657.00000	1.2844670e-03	758.00	758.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441307.60000	3872657.00000	1.2251970e-03	758.00	758.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441357.60000	3872657.00000	1.1701930e-03	758.00	758.00	1.20	PERIOD
CARTGRID	00043872	BORON				

441407.60000	3872657.00000	1.1182100e-03	758.20	758.20	1.20	PERIOD
CARTGRID	00043872	BORON				
441457.60000	3872657.00000	1.0674710e-03	759.00	759.00	1.20	PERIOD
CARTGRID	00043872	BORON				
439957.60000	3872707.00000	1.1895730e-02	753.00	753.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440007.60000	3872707.00000	9.5151840e-03	753.30	753.30	1.20	PERIOD
CARTGRID	00043872	BORON				
440057.60000	3872707.00000	8.0493550e-03	753.50	753.50	1.20	PERIOD
CARTGRID	00043872	BORON				
440107.60000	3872707.00000	6.9274120e-03	754.00	754.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440157.60000	3872707.00000	6.1413590e-03	754.00	754.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440207.60000	3872707.00000	5.5057460e-03	754.00	754.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440257.60000	3872707.00000	4.9768530e-03	754.00	754.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440307.60000	3872707.00000	4.5191370e-03	754.30	754.30	1.20	PERIOD
CARTGRID	00043872	BORON				
440357.60000	3872707.00000	4.1144700e-03	755.00	755.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440407.60000	3872707.00000	3.7776920e-03	755.00	755.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440457.60000	3872707.00000	3.4751240e-03	755.30	755.30	1.20	PERIOD
CARTGRID	00043872	BORON				
440507.60000	3872707.00000	3.2129890e-03	755.30	755.30	1.20	PERIOD
CARTGRID	00043872	BORON				
440557.60000	3872707.00000	2.9796430e-03	755.30	755.30	1.20	PERIOD
CARTGRID	00043872	BORON				
440607.60000	3872707.00000	2.7710000e-03	755.30	755.30	1.20	PERIOD
CARTGRID	00043872	BORON				
440657.60000	3872707.00000	2.5839510e-03	755.30	755.30	1.20	PERIOD
CARTGRID	00043872	BORON				
440707.60000	3872707.00000	2.4155620e-03	755.30	755.30	1.20	PERIOD
CARTGRID	00043872	BORON				
440757.60000	3872707.00000	2.2598790e-03	755.70	755.70	1.20	PERIOD
CARTGRID	00043872	BORON				
440807.60000	3872707.00000	2.1199260e-03	756.00	756.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440857.60000	3872707.00000	1.9953440e-03	756.00	756.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440907.60000	3872707.00000	1.8816040e-03	756.00	756.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440957.60000	3872707.00000	1.7775490e-03	756.00	756.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441007.60000	3872707.00000	1.6800700e-03	756.30	756.30	1.20	PERIOD
CARTGRID	00043872	BORON				
441057.60000	3872707.00000	1.5920990e-03	756.30	756.30	1.20	PERIOD
CARTGRID	00043872	BORON				

441107.60000	3872707.00000	1.5069710e-03	757.00	757.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441157.60000	3872707.00000	1.4317960e-03	757.00	757.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441207.60000	3872707.00000	1.3621300e-03	757.00	757.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441257.60000	3872707.00000	1.2969070e-03	757.10	757.10	1.20	PERIOD
CARTGRID	00043872	BORON				
441307.60000	3872707.00000	1.2358610e-03	757.30	757.30	1.20	PERIOD
CARTGRID	00043872	BORON				
441357.60000	3872707.00000	1.1783680e-03	757.70	757.70	1.20	PERIOD
CARTGRID	00043872	BORON				
441407.60000	3872707.00000	1.1253190e-03	758.00	758.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441457.60000	3872707.00000	1.0758240e-03	758.30	758.30	1.20	PERIOD
CARTGRID	00043872	BORON				
439957.60000	3872757.00000	1.1921330e-02	752.60	752.60	1.20	PERIOD
CARTGRID	00043872	BORON				
440007.60000	3872757.00000	9.5283340e-03	752.60	752.60	1.20	PERIOD
CARTGRID	00043872	BORON				
440057.60000	3872757.00000	8.0398460e-03	753.00	753.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440107.60000	3872757.00000	6.9911240e-03	753.00	753.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440157.60000	3872757.00000	6.1743260e-03	753.40	753.40	1.20	PERIOD
CARTGRID	00043872	BORON				
440207.60000	3872757.00000	5.5225410e-03	753.60	753.60	1.20	PERIOD
CARTGRID	00043872	BORON				
440257.60000	3872757.00000	4.9508170e-03	754.00	754.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440307.60000	3872757.00000	4.5027870e-03	754.00	754.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440357.60000	3872757.00000	4.1167810e-03	754.00	754.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440407.60000	3872757.00000	3.7808910e-03	754.00	754.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440457.60000	3872757.00000	3.4763690e-03	754.60	754.60	1.20	PERIOD
CARTGRID	00043872	BORON				
440507.60000	3872757.00000	3.2166320e-03	754.60	754.60	1.20	PERIOD
CARTGRID	00043872	BORON				
440557.60000	3872757.00000	2.9852410e-03	754.60	754.60	1.20	PERIOD
CARTGRID	00043872	BORON				
440607.60000	3872757.00000	2.7781090e-03	754.60	754.60	1.20	PERIOD
CARTGRID	00043872	BORON				
440657.60000	3872757.00000	2.5883050e-03	755.00	755.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440707.60000	3872757.00000	2.4216040e-03	755.00	755.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440757.60000	3872757.00000	2.2709870e-03	755.00	755.00	1.20	PERIOD
CARTGRID	00043872	BORON				

440807.60000	3872757.00000	2.1343210e-03	755.00	755.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440857.60000	3872757.00000	2.0097400e-03	755.00	755.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440907.60000	3872757.00000	1.8933330e-03	755.40	755.40	1.20	PERIOD
CARTGRID	00043872	BORON				
440957.60000	3872757.00000	1.7873240e-03	755.70	755.70	1.20	PERIOD
CARTGRID	00043872	BORON				
441007.60000	3872757.00000	1.6898450e-03	756.00	756.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441057.60000	3872757.00000	1.6015180e-03	756.00	756.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441107.60000	3872757.00000	1.5198560e-03	756.00	756.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441157.60000	3872757.00000	1.4440590e-03	756.00	756.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441207.60000	3872757.00000	1.3711940e-03	756.60	756.60	1.20	PERIOD
CARTGRID	00043872	BORON				
441257.60000	3872757.00000	1.3058820e-03	756.60	756.60	1.20	PERIOD
CARTGRID	00043872	BORON				
441307.60000	3872757.00000	1.2451020e-03	756.60	756.60	1.20	PERIOD
CARTGRID	00043872	BORON				
441357.60000	3872757.00000	1.1870770e-03	757.00	757.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441407.60000	3872757.00000	1.1324280e-03	757.60	757.60	1.20	PERIOD
CARTGRID	00043872	BORON				
441457.60000	3872757.00000	1.0821330e-03	758.00	758.00	1.20	PERIOD
CARTGRID	00043872	BORON				
439957.60000	3872807.00000	1.1938390e-02	752.00	752.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440007.60000	3872807.00000	9.5087870e-03	752.00	752.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440057.60000	3872807.00000	8.0244740e-03	752.00	752.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440107.60000	3872807.00000	6.9664220e-03	752.00	752.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440157.60000	3872807.00000	6.1363830e-03	752.90	752.90	1.20	PERIOD
CARTGRID	00043872	BORON				
440207.60000	3872807.00000	5.4872630e-03	753.00	753.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440257.60000	3872807.00000	4.9528610e-03	753.00	753.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440307.60000	3872807.00000	4.4951450e-03	753.60	753.60	1.20	PERIOD
CARTGRID	00043872	BORON				
440357.60000	3872807.00000	4.0892340e-03	753.90	753.90	1.20	PERIOD
CARTGRID	00043872	BORON				
440407.60000	3872807.00000	3.7594750e-03	753.90	753.90	1.20	PERIOD
CARTGRID	00043872	BORON				
440457.60000	3872807.00000	3.4687270e-03	754.00	754.00	1.20	PERIOD
CARTGRID	00043872	BORON				

440507.60000	3872807.00000	3.2128110e-03	754.00	754.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440557.60000	3872807.00000	2.9847080e-03	754.00	754.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440607.60000	3872807.00000	2.7804200e-03	754.00	754.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440657.60000	3872807.00000	2.5967470e-03	754.00	754.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440707.60000	3872807.00000	2.4311120e-03	754.00	754.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440757.60000	3872807.00000	2.2810280e-03	754.00	754.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440807.60000	3872807.00000	2.1432950e-03	754.20	754.20	1.20	PERIOD
CARTGRID	00043872	BORON				
440857.60000	3872807.00000	2.0148050e-03	754.90	754.90	1.20	PERIOD
CARTGRID	00043872	BORON				
440907.60000	3872807.00000	1.9006200e-03	755.00	755.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440957.60000	3872807.00000	1.7962990e-03	755.00	755.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441007.60000	3872807.00000	1.7002410e-03	755.00	755.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441057.60000	3872807.00000	1.6088940e-03	755.60	755.60	1.20	PERIOD
CARTGRID	00043872	BORON				
441107.60000	3872807.00000	1.5252770e-03	756.00	756.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441157.60000	3872807.00000	1.4494790e-03	756.00	756.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441207.60000	3872807.00000	1.3790140e-03	756.00	756.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441257.60000	3872807.00000	1.3134350e-03	756.00	756.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441307.60000	3872807.00000	1.2522110e-03	756.00	756.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441357.60000	3872807.00000	1.1951630e-03	756.00	756.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441407.60000	3872807.00000	1.1393590e-03	756.90	756.90	1.20	PERIOD
CARTGRID	00043872	BORON				
441457.60000	3872807.00000	1.0895090e-03	757.00	757.00	1.20	PERIOD
CARTGRID	00043872	BORON				
439957.60000	3872857.00000	1.1924790e-02	751.30	751.30	1.20	PERIOD
CARTGRID	00043872	BORON				
440007.60000	3872857.00000	9.4609800e-03	751.30	751.30	1.20	PERIOD
CARTGRID	00043872	BORON				
440057.60000	3872857.00000	7.9443220e-03	752.00	752.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440107.60000	3872857.00000	6.8895580e-03	752.00	752.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440157.60000	3872857.00000	6.0830680e-03	752.00	752.00	1.20	PERIOD
CARTGRID	00043872	BORON				

440207.60000	3872857.00000	5.4367910e-03	752.10	752.10	1.20	PERIOD
CARTGRID	00043872	BORON				
440257.60000	3872857.00000	4.9051430e-03	752.30	752.30	1.20	PERIOD
CARTGRID	00043872	BORON				
440307.60000	3872857.00000	4.4544470e-03	753.00	753.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440357.60000	3872857.00000	4.0777710e-03	753.00	753.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440407.60000	3872857.00000	3.7518330e-03	753.00	753.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440457.60000	3872857.00000	3.4639280e-03	753.30	753.30	1.20	PERIOD
CARTGRID	00043872	BORON				
440507.60000	3872857.00000	3.2113890e-03	753.30	753.30	1.20	PERIOD
CARTGRID	00043872	BORON				
440557.60000	3872857.00000	2.9860410e-03	753.30	753.30	1.20	PERIOD
CARTGRID	00043872	BORON				
440607.60000	3872857.00000	2.7816640e-03	753.70	753.70	1.20	PERIOD
CARTGRID	00043872	BORON				
440657.60000	3872857.00000	2.5920370e-03	754.00	754.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440707.60000	3872857.00000	2.4282690e-03	754.00	754.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440757.60000	3872857.00000	2.2796060e-03	754.00	754.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440807.60000	3872857.00000	2.1441840e-03	754.00	754.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440857.60000	3872857.00000	2.0204030e-03	754.00	754.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440907.60000	3872857.00000	1.9060400e-03	754.20	754.20	1.20	PERIOD
CARTGRID	00043872	BORON				
440957.60000	3872857.00000	1.8013640e-03	754.30	754.30	1.20	PERIOD
CARTGRID	00043872	BORON				
441007.60000	3872857.00000	1.7028180e-03	754.90	754.90	1.20	PERIOD
CARTGRID	00043872	BORON				
441057.60000	3872857.00000	1.6139590e-03	755.00	755.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441107.60000	3872857.00000	1.5316740e-03	755.10	755.10	1.20	PERIOD
CARTGRID	00043872	BORON				
441157.60000	3872857.00000	1.4550770e-03	755.30	755.30	1.20	PERIOD
CARTGRID	00043872	BORON				
441207.60000	3872857.00000	1.3844340e-03	755.30	755.30	1.20	PERIOD
CARTGRID	00043872	BORON				
441257.60000	3872857.00000	1.3186780e-03	755.30	755.30	1.20	PERIOD
CARTGRID	00043872	BORON				
441307.60000	3872857.00000	1.2555870e-03	755.90	755.90	1.20	PERIOD
CARTGRID	00043872	BORON				
441357.60000	3872857.00000	1.1980060e-03	756.00	756.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441407.60000	3872857.00000	1.1445130e-03	756.00	756.00	1.20	PERIOD
CARTGRID	00043872	BORON				

441457.60000	3872857.00000	1.0936850e-03	756.30	756.30	1.20	PERIOD
CARTGRID	00043872	BORON				
439957.60000	3872907.00000	1.1828290e-02	751.00	751.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440007.60000	3872907.00000	9.3523040e-03	751.00	751.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440057.60000	3872907.00000	7.8587500e-03	751.00	751.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440107.60000	3872907.00000	6.8038980e-03	751.00	751.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440157.60000	3872907.00000	5.9931410e-03	751.60	751.60	1.20	PERIOD
CARTGRID	00043872	BORON				
440207.60000	3872907.00000	5.3583280e-03	751.70	751.70	1.20	PERIOD
CARTGRID	00043872	BORON				
440257.60000	3872907.00000	4.8382320e-03	752.00	752.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440307.60000	3872907.00000	4.4070850e-03	752.00	752.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440357.60000	3872907.00000	4.0379620e-03	752.20	752.20	1.20	PERIOD
CARTGRID	00043872	BORON				
440407.60000	3872907.00000	3.7170890e-03	752.60	752.60	1.20	PERIOD
CARTGRID	00043872	BORON				
440457.60000	3872907.00000	3.4372700e-03	752.80	752.80	1.20	PERIOD
CARTGRID	00043872	BORON				
440507.60000	3872907.00000	3.1892630e-03	753.00	753.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440557.60000	3872907.00000	2.9687130e-03	753.00	753.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440607.60000	3872907.00000	2.7702010e-03	753.00	753.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440657.60000	3872907.00000	2.5907930e-03	753.00	753.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440707.60000	3872907.00000	2.4280020e-03	753.00	753.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440757.60000	3872907.00000	2.2798730e-03	753.00	753.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440807.60000	3872907.00000	2.1427620e-03	753.60	753.60	1.20	PERIOD
CARTGRID	00043872	BORON				
440857.60000	3872907.00000	2.0193360e-03	753.60	753.60	1.20	PERIOD
CARTGRID	00043872	BORON				
440907.60000	3872907.00000	1.9039080e-03	754.00	754.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440957.60000	3872907.00000	1.8003860e-03	754.00	754.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441007.60000	3872907.00000	1.7047730e-03	754.00	754.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441057.60000	3872907.00000	1.6164460e-03	754.00	754.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441107.60000	3872907.00000	1.5327410e-03	754.60	754.60	1.20	PERIOD
CARTGRID	00043872	BORON				

441157.60000	3872907.00000	1.4569430e-03	754.60	754.60	1.20	PERIOD
CARTGRID	00043872	BORON				
441207.60000	3872907.00000	1.3852340e-03	755.00	755.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441257.60000	3872907.00000	1.3194770e-03	755.00	755.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441307.60000	3872907.00000	1.2580750e-03	755.00	755.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441357.60000	3872907.00000	1.1996950e-03	755.40	755.40	1.20	PERIOD
CARTGRID	00043872	BORON				
441407.60000	3872907.00000	1.1445130e-03	756.00	756.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441457.60000	3872907.00000	1.0942180e-03	756.00	756.00	1.20	PERIOD
CARTGRID	00043872	BORON				
439957.60000	3872957.00000	1.1710820e-02	750.00	750.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440007.60000	3872957.00000	9.2105740e-03	750.00	750.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440057.60000	3872957.00000	7.7138200e-03	750.20	750.20	1.20	PERIOD
CARTGRID	00043872	BORON				
440107.60000	3872957.00000	6.6602110e-03	750.90	750.90	1.20	PERIOD
CARTGRID	00043872	BORON				
440157.60000	3872957.00000	5.8793120e-03	751.00	751.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440207.60000	3872957.00000	5.2652920e-03	751.00	751.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440257.60000	3872957.00000	4.7654560e-03	751.00	751.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440307.60000	3872957.00000	4.3395520e-03	751.90	751.90	1.20	PERIOD
CARTGRID	00043872	BORON				
440357.60000	3872957.00000	3.9832240e-03	752.00	752.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440407.60000	3872957.00000	3.6749700e-03	752.00	752.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440457.60000	3872957.00000	3.4039480e-03	752.00	752.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440507.60000	3872957.00000	3.1631380e-03	752.00	752.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440557.60000	3872957.00000	2.9473870e-03	752.00	752.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440607.60000	3872957.00000	2.7528730e-03	752.00	752.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440657.60000	3872957.00000	2.5765750e-03	752.00	752.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440707.60000	3872957.00000	2.4128960e-03	752.90	752.90	1.20	PERIOD
CARTGRID	00043872	BORON				
440757.60000	3872957.00000	2.2671660e-03	752.90	752.90	1.20	PERIOD
CARTGRID	00043872	BORON				
440807.60000	3872957.00000	2.1336990e-03	753.00	753.00	1.20	PERIOD
CARTGRID	00043872	BORON				



440857.60000	3872957.00000	2.0116940e-03	753.00	753.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440907.60000	3872957.00000	1.8997310e-03	753.00	753.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440957.60000	3872957.00000	1.7960320e-03	753.20	753.20	1.20	PERIOD
CARTGRID	00043872	BORON				
441007.60000	3872957.00000	1.6991750e-03	753.90	753.90	1.20	PERIOD
CARTGRID	00043872	BORON				
441057.60000	3872957.00000	1.6111150e-03	754.00	754.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441107.60000	3872957.00000	1.5298970e-03	754.00	754.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441157.60000	3872957.00000	1.4543660e-03	754.00	754.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441207.60000	3872957.00000	1.3840790e-03	754.00	754.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441257.60000	3872957.00000	1.3179670e-03	754.20	754.20	1.20	PERIOD
CARTGRID	00043872	BORON				
441307.60000	3872957.00000	1.2550540e-03	754.90	754.90	1.20	PERIOD
CARTGRID	00043872	BORON				
441357.60000	3872957.00000	1.1975620e-03	755.00	755.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441407.60000	3872957.00000	1.1414920e-03	756.00	756.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441457.60000	3872957.00000	1.0912860e-03	756.00	756.00	1.20	PERIOD
CARTGRID	00043872	BORON				
439957.60000	3873007.00000	1.1420960e-02	750.00	750.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440007.60000	3873007.00000	8.9447940e-03	750.00	750.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440057.60000	3873007.00000	7.4909600e-03	750.00	750.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440107.60000	3873007.00000	6.4904000e-03	750.00	750.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440157.60000	3873007.00000	5.7415790e-03	750.20	750.20	1.20	PERIOD
CARTGRID	00043872	BORON				
440207.60000	3873007.00000	5.1505740e-03	750.50	750.50	1.20	PERIOD
CARTGRID	00043872	BORON				
440257.60000	3873007.00000	4.6663770e-03	751.00	751.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440307.60000	3873007.00000	4.2651760e-03	751.00	751.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440357.60000	3873007.00000	3.9196010e-03	751.30	751.30	1.20	PERIOD
CARTGRID	00043872	BORON				
440407.60000	3873007.00000	3.6172110e-03	751.90	751.90	1.20	PERIOD
CARTGRID	00043872	BORON				
440457.60000	3873007.00000	3.3543640e-03	752.00	752.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440507.60000	3873007.00000	3.1211080e-03	752.00	752.00	1.20	PERIOD
CARTGRID	00043872	BORON				

440557.60000	3873007.00000	2.9116650e-03	752.00	752.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440607.60000	3873007.00000	2.7224830e-03	752.00	752.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440657.60000	3873007.00000	2.5507170e-03	752.00	752.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440707.60000	3873007.00000	2.3942350e-03	752.00	752.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440757.60000	3873007.00000	2.2512600e-03	752.00	752.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440807.60000	3873007.00000	2.1200140e-03	752.10	752.10	1.20	PERIOD
CARTGRID	00043872	BORON				
440857.60000	3873007.00000	1.9993430e-03	752.30	752.30	1.20	PERIOD
CARTGRID	00043872	BORON				
440907.60000	3873007.00000	1.8879130e-03	752.70	752.70	1.20	PERIOD
CARTGRID	00043872	BORON				
440957.60000	3873007.00000	1.7854580e-03	753.00	753.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441007.60000	3873007.00000	1.6916220e-03	753.00	753.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441057.60000	3873007.00000	1.6042730e-03	753.20	753.20	1.20	PERIOD
CARTGRID	00043872	BORON				
441107.60000	3873007.00000	1.5234100e-03	753.30	753.30	1.20	PERIOD
CARTGRID	00043872	BORON				
441157.60000	3873007.00000	1.4484130e-03	753.30	753.30	1.20	PERIOD
CARTGRID	00043872	BORON				
441207.60000	3873007.00000	1.3768810e-03	754.00	754.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441257.60000	3873007.00000	1.3119240e-03	754.00	754.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441307.60000	3873007.00000	1.2511440e-03	754.00	754.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441357.60000	3873007.00000	1.1925860e-03	754.70	754.70	1.20	PERIOD
CARTGRID	00043872	BORON				
441407.60000	3873007.00000	1.1382920e-03	755.10	755.10	1.20	PERIOD
CARTGRID	00043872	BORON				
441457.60000	3873007.00000	1.0863100e-03	755.90	755.90	1.20	PERIOD
CARTGRID	00043872	BORON				
439957.60000	3873057.00000	1.0960400e-02	749.00	749.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440007.60000	3873057.00000	8.5717610e-03	749.00	749.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440057.60000	3873057.00000	7.2089200e-03	749.00	749.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440107.60000	3873057.00000	6.2698510e-03	749.60	749.60	1.20	PERIOD
CARTGRID	00043872	BORON				
440157.60000	3873057.00000	5.5649270e-03	750.00	750.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440207.60000	3873057.00000	5.0102640e-03	750.00	750.00	1.20	PERIOD
CARTGRID	00043872	BORON				

440257.60000	3873057.00000	4.5500600e-03	750.60	750.60	1.20	PERIOD
CARTGRID	00043872	BORON				
440307.60000	3873057.00000	4.1661860e-03	750.80	750.80	1.20	PERIOD
CARTGRID	00043872	BORON				
440357.60000	3873057.00000	3.8368720e-03	751.00	751.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440407.60000	3873057.00000	3.5511000e-03	751.00	751.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440457.60000	3873057.00000	3.2989160e-03	751.00	751.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440507.60000	3873057.00000	3.0707240e-03	751.60	751.60	1.20	PERIOD
CARTGRID	00043872	BORON				
440557.60000	3873057.00000	2.8687460e-03	751.60	751.60	1.20	PERIOD
CARTGRID	00043872	BORON				
440607.60000	3873057.00000	2.6857840e-03	751.60	751.60	1.20	PERIOD
CARTGRID	00043872	BORON				
440657.60000	3873057.00000	2.5192610e-03	751.60	751.60	1.20	PERIOD
CARTGRID	00043872	BORON				
440707.60000	3873057.00000	2.3671330e-03	751.60	751.60	1.20	PERIOD
CARTGRID	00043872	BORON				
440757.60000	3873057.00000	2.2278900e-03	751.60	751.60	1.20	PERIOD
CARTGRID	00043872	BORON				
440807.60000	3873057.00000	2.0987770e-03	752.00	752.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440857.60000	3873057.00000	1.9813930e-03	752.00	752.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440907.60000	3873057.00000	1.8731620e-03	752.00	752.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440957.60000	3873057.00000	1.7733730e-03	752.00	752.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441007.60000	3873057.00000	1.6796260e-03	752.60	752.60	1.20	PERIOD
CARTGRID	00043872	BORON				
441057.60000	3873057.00000	1.5940540e-03	752.60	752.60	1.20	PERIOD
CARTGRID	00043872	BORON				
441107.60000	3873057.00000	1.5146130e-03	752.60	752.60	1.20	PERIOD
CARTGRID	00043872	BORON				
441157.60000	3873057.00000	1.4398820e-03	753.00	753.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441207.60000	3873057.00000	1.3710160e-03	753.00	753.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441257.60000	3873057.00000	1.3057040e-03	753.60	753.60	1.20	PERIOD
CARTGRID	00043872	BORON				
441307.60000	3873057.00000	1.2432360e-03	754.00	754.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441357.60000	3873057.00000	1.1869880e-03	754.00	754.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441407.60000	3873057.00000	1.1325170e-03	754.70	754.70	1.20	PERIOD
CARTGRID	00043872	BORON				
441457.60000	3873057.00000	1.0822220e-03	755.00	755.00	1.20	PERIOD
CARTGRID	00043872	BORON				

439957.60000	3873107.00000	1.0008000e-02	748.00	748.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440007.60000	3873107.00000	8.0226970e-03	748.90	748.90	1.20	PERIOD
CARTGRID	00043872	BORON				
440057.60000	3873107.00000	6.8320660e-03	749.00	749.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440107.60000	3873107.00000	5.9945630e-03	749.00	749.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440157.60000	3873107.00000	5.3522860e-03	749.60	749.60	1.20	PERIOD
CARTGRID	00043872	BORON				
440207.60000	3873107.00000	4.8365440e-03	750.00	750.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440257.60000	3873107.00000	4.4131270e-03	750.00	750.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440307.60000	3873107.00000	4.0543120e-03	750.00	750.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440357.60000	3873107.00000	3.7433030e-03	750.20	750.20	1.20	PERIOD
CARTGRID	00043872	BORON				
440407.60000	3873107.00000	3.4678380e-03	750.90	750.90	1.20	PERIOD
CARTGRID	00043872	BORON				
440457.60000	3873107.00000	3.2274730e-03	751.00	751.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440507.60000	3873107.00000	3.0129650e-03	751.00	751.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440557.60000	3873107.00000	2.8193400e-03	751.00	751.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440607.60000	3873107.00000	2.6435760e-03	751.00	751.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440657.60000	3873107.00000	2.4830950e-03	751.00	751.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440707.60000	3873107.00000	2.3360320e-03	751.00	751.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440757.60000	3873107.00000	2.2010540e-03	751.00	751.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440807.60000	3873107.00000	2.0767400e-03	751.00	751.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440857.60000	3873107.00000	1.9597120e-03	751.90	751.90	1.20	PERIOD
CARTGRID	00043872	BORON				
440907.60000	3873107.00000	1.8541460e-03	751.90	751.90	1.20	PERIOD
CARTGRID	00043872	BORON				
440957.60000	3873107.00000	1.7563120e-03	752.00	752.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441007.60000	3873107.00000	1.6659410e-03	752.00	752.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441057.60000	3873107.00000	1.5819690e-03	752.00	752.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441107.60000	3873107.00000	1.5039500e-03	752.00	752.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441157.60000	3873107.00000	1.4311740e-03	752.00	752.00	1.20	PERIOD
CARTGRID	00043872	BORON				

441207.60000	3873107.00000	1.3617750e-03	752.90	752.90	1.20	PERIOD
CARTGRID	00043872	BORON				
441257.60000	3873107.00000	1.2982400e-03	753.00	753.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441307.60000	3873107.00000	1.2389710e-03	753.00	753.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441357.60000	3873107.00000	1.1791680e-03	754.00	754.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441407.60000	3873107.00000	1.1266520e-03	754.20	754.20	1.20	PERIOD
CARTGRID	00043872	BORON				
441457.60000	3873107.00000	1.0756460e-03	755.00	755.00	1.20	PERIOD
CARTGRID	00043872	BORON				
439957.60000	3873157.00000	8.6702170e-03	748.00	748.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440007.60000	3873157.00000	7.3447860e-03	748.00	748.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440057.60000	3873157.00000	6.3960310e-03	748.10	748.10	1.20	PERIOD
CARTGRID	00043872	BORON				
440107.60000	3873157.00000	5.6868420e-03	748.90	748.90	1.20	PERIOD
CARTGRID	00043872	BORON				
440157.60000	3873157.00000	5.1200060e-03	749.00	749.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440207.60000	3873157.00000	4.6494050e-03	750.00	750.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440257.60000	3873157.00000	4.2610890e-03	750.00	750.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440307.60000	3873157.00000	3.9285760e-03	750.00	750.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440357.60000	3873157.00000	3.6393370e-03	750.00	750.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440407.60000	3873157.00000	3.3843990e-03	750.00	750.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440457.60000	3873157.00000	3.1562960e-03	750.20	750.20	1.20	PERIOD
CARTGRID	00043872	BORON				
440507.60000	3873157.00000	2.9508530e-03	750.50	750.50	1.20	PERIOD
CARTGRID	00043872	BORON				
440557.60000	3873157.00000	2.7640690e-03	751.00	751.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440607.60000	3873157.00000	2.5960360e-03	751.00	751.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440657.60000	3873157.00000	2.4422200e-03	751.00	751.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440707.60000	3873157.00000	2.3007550e-03	751.00	751.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440757.60000	3873157.00000	2.1704870e-03	751.00	751.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440807.60000	3873157.00000	2.0501710e-03	751.00	751.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440857.60000	3873157.00000	1.9390070e-03	751.00	751.00	1.20	PERIOD
CARTGRID	00043872	BORON				

440907.60000	3873157.00000	1.8361080e-03	751.00	751.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440957.60000	3873157.00000	1.7396060e-03	751.50	751.50	1.20	PERIOD
CARTGRID	00043872	BORON				
441007.60000	3873157.00000	1.6500350e-03	752.00	752.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441057.60000	3873157.00000	1.5679290e-03	752.00	752.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441107.60000	3873157.00000	1.4915100e-03	752.00	752.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441157.60000	3873157.00000	1.4201560e-03	752.00	752.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441207.60000	3873157.00000	1.3534220e-03	752.00	752.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441257.60000	3873157.00000	1.2894430e-03	753.00	753.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441307.60000	3873157.00000	1.2310620e-03	753.00	753.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441357.60000	3873157.00000	1.1754360e-03	753.60	753.60	1.20	PERIOD
CARTGRID	00043872	BORON				
441407.60000	3873157.00000	1.1202540e-03	754.00	754.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441457.60000	3873157.00000	1.0712920e-03	754.30	754.30	1.20	PERIOD
CARTGRID	00043872	BORON				
439957.60000	3873207.00000	7.4208500e-03	747.60	747.60	1.20	PERIOD
CARTGRID	00043872	BORON				
440007.60000	3873207.00000	6.6497260e-03	748.00	748.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440057.60000	3873207.00000	5.9585750e-03	748.00	748.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440107.60000	3873207.00000	5.3745010e-03	748.00	748.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440157.60000	3873207.00000	4.8879050e-03	748.60	748.60	1.20	PERIOD
CARTGRID	00043872	BORON				
440207.60000	3873207.00000	4.4739070e-03	749.00	749.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440257.60000	3873207.00000	4.1165140e-03	749.60	749.60	1.20	PERIOD
CARTGRID	00043872	BORON				
440307.60000	3873207.00000	3.8076370e-03	749.80	749.80	1.20	PERIOD
CARTGRID	00043872	BORON				
440357.60000	3873207.00000	3.5367040e-03	750.00	750.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440407.60000	3873207.00000	3.2974940e-03	750.00	750.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440457.60000	3873207.00000	3.0832530e-03	750.00	750.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440507.60000	3873207.00000	2.8898950e-03	750.00	750.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440557.60000	3873207.00000	2.7140410e-03	750.00	750.00	1.20	PERIOD
CARTGRID	00043872	BORON				

440607.60000	3873207.00000	2.5508950e-03	750.60	750.60	1.20	PERIOD
CARTGRID	00043872	BORON				
440657.60000	3873207.00000	2.4018770e-03	751.00	751.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440707.60000	3873207.00000	2.2659220e-03	751.00	751.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440757.60000	3873207.00000	2.1403630e-03	751.00	751.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440807.60000	3873207.00000	2.0239570e-03	751.00	751.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440857.60000	3873207.00000	1.9161700e-03	751.00	751.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440907.60000	3873207.00000	1.8161140e-03	751.00	751.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440957.60000	3873207.00000	1.7231670e-03	751.00	751.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441007.60000	3873207.00000	1.6367950e-03	751.00	751.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441057.60000	3873207.00000	1.5546890e-03	751.80	751.80	1.20	PERIOD
CARTGRID	00043872	BORON				
441107.60000	3873207.00000	1.4793360e-03	752.00	752.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441157.60000	3873207.00000	1.4094040e-03	752.00	752.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441207.60000	3873207.00000	1.3439140e-03	752.00	752.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441257.60000	3873207.00000	1.2814450e-03	752.70	752.70	1.20	PERIOD
CARTGRID	00043872	BORON				
441307.60000	3873207.00000	1.2235980e-03	753.00	753.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441357.60000	3873207.00000	1.1690380e-03	753.40	753.40	1.20	PERIOD
CARTGRID	00043872	BORON				
441407.60000	3873207.00000	1.1178550e-03	753.70	753.70	1.20	PERIOD
CARTGRID	00043872	BORON				
441457.60000	3873207.00000	1.0664940e-03	754.00	754.00	1.20	PERIOD
CARTGRID	00043872	BORON				
439957.60000	3873257.00000	6.4853350e-03	746.70	746.70	1.20	PERIOD
CARTGRID	00043872	BORON				
440007.60000	3873257.00000	5.9844330e-03	746.90	746.90	1.20	PERIOD
CARTGRID	00043872	BORON				
440057.60000	3873257.00000	5.5030800e-03	747.10	747.10	1.20	PERIOD
CARTGRID	00043872	BORON				
440107.60000	3873257.00000	5.0563830e-03	747.40	747.40	1.20	PERIOD
CARTGRID	00043872	BORON				
440157.60000	3873257.00000	4.6502050e-03	747.50	747.50	1.20	PERIOD
CARTGRID	00043872	BORON				
440207.60000	3873257.00000	4.2908560e-03	747.70	747.70	1.20	PERIOD
CARTGRID	00043872	BORON				
440257.60000	3873257.00000	3.9739830e-03	748.00	748.00	1.20	PERIOD
CARTGRID	00043872	BORON				

440307.60000	3873257.00000	3.6943410e-03	748.60	748.60	1.20	PERIOD
CARTGRID	00043872	BORON				
440357.60000	3873257.00000	3.4408250e-03	749.80	749.80	1.20	PERIOD
CARTGRID	00043872	BORON				
440407.60000	3873257.00000	3.2167200e-03	749.80	749.80	1.20	PERIOD
CARTGRID	00043872	BORON				
440457.60000	3873257.00000	3.0145650e-03	749.80	749.80	1.20	PERIOD
CARTGRID	00043872	BORON				
440507.60000	3873257.00000	2.8307140e-03	749.90	749.90	1.20	PERIOD
CARTGRID	00043872	BORON				
440557.60000	3873257.00000	2.6624140e-03	750.10	750.10	1.20	PERIOD
CARTGRID	00043872	BORON				
440607.60000	3873257.00000	2.5087760e-03	750.10	750.10	1.20	PERIOD
CARTGRID	00043872	BORON				
440657.60000	3873257.00000	2.3672220e-03	750.10	750.10	1.20	PERIOD
CARTGRID	00043872	BORON				
440707.60000	3873257.00000	2.2363320e-03	750.10	750.10	1.20	PERIOD
CARTGRID	00043872	BORON				
440757.60000	3873257.00000	2.1139720e-03	750.40	750.40	1.20	PERIOD
CARTGRID	00043872	BORON				
440807.60000	3873257.00000	2.0009420e-03	750.50	750.50	1.20	PERIOD
CARTGRID	00043872	BORON				
440857.60000	3873257.00000	1.8956440e-03	750.70	750.70	1.20	PERIOD
CARTGRID	00043872	BORON				
440907.60000	3873257.00000	1.7977200e-03	750.90	750.90	1.20	PERIOD
CARTGRID	00043872	BORON				
440957.60000	3873257.00000	1.7069060e-03	751.00	751.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441007.60000	3873257.00000	1.6224890e-03	751.00	751.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441057.60000	3873257.00000	1.5433150e-03	751.20	751.20	1.20	PERIOD
CARTGRID	00043872	BORON				
441107.60000	3873257.00000	1.4694730e-03	751.40	751.40	1.20	PERIOD
CARTGRID	00043872	BORON				
441157.60000	3873257.00000	1.4003400e-03	751.60	751.60	1.20	PERIOD
CARTGRID	00043872	BORON				
441207.60000	3873257.00000	1.3356500e-03	751.80	751.80	1.20	PERIOD
CARTGRID	00043872	BORON				
441257.60000	3873257.00000	1.2746920e-03	752.20	752.20	1.20	PERIOD
CARTGRID	00043872	BORON				
441307.60000	3873257.00000	1.2176440e-03	752.50	752.50	1.20	PERIOD
CARTGRID	00043872	BORON				
441357.60000	3873257.00000	1.1639730e-03	752.80	752.80	1.20	PERIOD
CARTGRID	00043872	BORON				
441407.60000	3873257.00000	1.1137670e-03	752.90	752.90	1.20	PERIOD
CARTGRID	00043872	BORON				
441457.60000	3873257.00000	1.0661390e-03	753.20	753.20	1.20	PERIOD
CARTGRID	00043872	BORON				
439957.60000	3873307.00000	5.7970280e-03	746.40	746.40	1.20	PERIOD
CARTGRID	00043872	BORON				



440007.60000	3873307.00000	5.4367020e-03	746.70	746.70	1.20	PERIOD
CARTGRID	00043872	BORON				
440057.60000	3873307.00000	5.0817970e-03	746.80	746.80	1.20	PERIOD
CARTGRID	00043872	BORON				
440107.60000	3873307.00000	4.7373760e-03	747.00	747.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440157.60000	3873307.00000	4.4107280e-03	747.20	747.20	1.20	PERIOD
CARTGRID	00043872	BORON				
440207.60000	3873307.00000	4.1083390e-03	747.50	747.50	1.20	PERIOD
CARTGRID	00043872	BORON				
440257.60000	3873307.00000	3.8302970e-03	747.70	747.70	1.20	PERIOD
CARTGRID	00043872	BORON				
440307.60000	3873307.00000	3.5793570e-03	748.40	748.40	1.20	PERIOD
CARTGRID	00043872	BORON				
440357.60000	3873307.00000	3.3500990e-03	749.00	749.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440407.60000	3873307.00000	3.1411010e-03	749.30	749.30	1.20	PERIOD
CARTGRID	00043872	BORON				
440457.60000	3873307.00000	2.9510300e-03	749.30	749.30	1.20	PERIOD
CARTGRID	00043872	BORON				
440507.60000	3873307.00000	2.7759770e-03	749.60	749.60	1.20	PERIOD
CARTGRID	00043872	BORON				
440557.60000	3873307.00000	2.6166510e-03	749.60	749.60	1.20	PERIOD
CARTGRID	00043872	BORON				
440607.60000	3873307.00000	2.4697660e-03	749.60	749.60	1.20	PERIOD
CARTGRID	00043872	BORON				
440657.60000	3873307.00000	2.3339000e-03	749.60	749.60	1.20	PERIOD
CARTGRID	00043872	BORON				
440707.60000	3873307.00000	2.2070970e-03	749.80	749.80	1.20	PERIOD
CARTGRID	00043872	BORON				
440757.60000	3873307.00000	2.0896240e-03	749.90	749.90	1.20	PERIOD
CARTGRID	00043872	BORON				
440807.60000	3873307.00000	1.9797940e-03	750.10	750.10	1.20	PERIOD
CARTGRID	00043872	BORON				
440857.60000	3873307.00000	1.8777830e-03	750.20	750.20	1.20	PERIOD
CARTGRID	00043872	BORON				
440907.60000	3873307.00000	1.7823480e-03	750.40	750.40	1.20	PERIOD
CARTGRID	00043872	BORON				
440957.60000	3873307.00000	1.6935770e-03	750.50	750.50	1.20	PERIOD
CARTGRID	00043872	BORON				
441007.60000	3873307.00000	1.6103150e-03	750.80	750.80	1.20	PERIOD
CARTGRID	00043872	BORON				
441057.60000	3873307.00000	1.5329180e-03	750.90	750.90	1.20	PERIOD
CARTGRID	00043872	BORON				
441107.60000	3873307.00000	1.4602310e-03	751.20	751.20	1.20	PERIOD
CARTGRID	00043872	BORON				
441157.60000	3873307.00000	1.3923420e-03	751.40	751.40	1.20	PERIOD
CARTGRID	00043872	BORON				
441207.60000	3873307.00000	1.3285410e-03	751.70	751.70	1.20	PERIOD
CARTGRID	00043872	BORON				

441257.60000	3873307.00000	1.2689160e-03	751.80	751.80	1.20	PERIOD
CARTGRID	00043872	BORON				
441307.60000	3873307.00000	1.2123130e-03	752.30	752.30	1.20	PERIOD
CARTGRID	00043872	BORON				
441357.60000	3873307.00000	1.1591750e-03	752.70	752.70	1.20	PERIOD
CARTGRID	00043872	BORON				
441407.60000	3873307.00000	1.1095020e-03	752.90	752.90	1.20	PERIOD
CARTGRID	00043872	BORON				
441457.60000	3873307.00000	1.0628510e-03	752.90	752.90	1.20	PERIOD
CARTGRID	00043872	BORON				
439957.60000	3873357.00000	5.2566720e-03	746.10	746.10	1.20	PERIOD
CARTGRID	00043872	BORON				
440007.60000	3873357.00000	4.9774750e-03	746.40	746.40	1.20	PERIOD
CARTGRID	00043872	BORON				
440057.60000	3873357.00000	4.7051200e-03	746.60	746.60	1.20	PERIOD
CARTGRID	00043872	BORON				
440107.60000	3873357.00000	4.4352530e-03	746.80	746.80	1.20	PERIOD
CARTGRID	00043872	BORON				
440157.60000	3873357.00000	4.1705400e-03	746.90	746.90	1.20	PERIOD
CARTGRID	00043872	BORON				
440207.60000	3873357.00000	3.9177350e-03	747.00	747.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440257.60000	3873357.00000	3.6812790e-03	747.40	747.40	1.20	PERIOD
CARTGRID	00043872	BORON				
440307.60000	3873357.00000	3.4593960e-03	747.70	747.70	1.20	PERIOD
CARTGRID	00043872	BORON				
440357.60000	3873357.00000	3.2537750e-03	748.20	748.20	1.20	PERIOD
CARTGRID	00043872	BORON				
440407.60000	3873357.00000	3.0628160e-03	748.50	748.50	1.20	PERIOD
CARTGRID	00043872	BORON				
440457.60000	3873357.00000	2.8864290e-03	748.80	748.80	1.20	PERIOD
CARTGRID	00043872	BORON				
440507.60000	3873357.00000	2.7231940e-03	749.10	749.10	1.20	PERIOD
CARTGRID	00043872	BORON				
440557.60000	3873357.00000	2.5722210e-03	749.10	749.10	1.20	PERIOD
CARTGRID	00043872	BORON				
440607.60000	3873357.00000	2.4321780e-03	749.20	749.20	1.20	PERIOD
CARTGRID	00043872	BORON				
440657.60000	3873357.00000	2.3020880e-03	749.20	749.20	1.20	PERIOD
CARTGRID	00043872	BORON				
440707.60000	3873357.00000	2.1804390e-03	749.40	749.40	1.20	PERIOD
CARTGRID	00043872	BORON				
440757.60000	3873357.00000	2.0666990e-03	749.60	749.60	1.20	PERIOD
CARTGRID	00043872	BORON				
440807.60000	3873357.00000	1.9606890e-03	749.70	749.70	1.20	PERIOD
CARTGRID	00043872	BORON				
440857.60000	3873357.00000	1.8616100e-03	749.80	749.80	1.20	PERIOD
CARTGRID	00043872	BORON				
440907.60000	3873357.00000	1.7688410e-03	749.90	749.90	1.20	PERIOD
CARTGRID	00043872	BORON				

440957.60000	3873357.00000	1.6818470e-03	750.10	750.10	1.20	PERIOD
CARTGRID	00043872	BORON				
441007.60000	3873357.00000	1.6003630e-03	750.40	750.40	1.20	PERIOD
CARTGRID	00043872	BORON				
441057.60000	3873357.00000	1.5242100e-03	750.60	750.60	1.20	PERIOD
CARTGRID	00043872	BORON				
441107.60000	3873357.00000	1.4527670e-03	750.90	750.90	1.20	PERIOD
CARTGRID	00043872	BORON				
441157.60000	3873357.00000	1.3863000e-03	750.90	750.90	1.20	PERIOD
CARTGRID	00043872	BORON				
441207.60000	3873357.00000	1.3233870e-03	751.20	751.20	1.20	PERIOD
CARTGRID	00043872	BORON				
441257.60000	3873357.00000	1.2643840e-03	751.50	751.50	1.20	PERIOD
CARTGRID	00043872	BORON				
441307.60000	3873357.00000	1.2087580e-03	751.80	751.80	1.20	PERIOD
CARTGRID	00043872	BORON				
441357.60000	3873357.00000	1.1562420e-03	752.20	752.20	1.20	PERIOD
CARTGRID	00043872	BORON				
441407.60000	3873357.00000	1.1071030e-03	752.40	752.40	1.20	PERIOD
CARTGRID	00043872	BORON				
441457.60000	3873357.00000	1.0608960e-03	752.40	752.40	1.20	PERIOD
CARTGRID	00043872	BORON				
439957.60000	3873407.00000	4.8177950e-03	745.80	745.80	1.20	PERIOD
CARTGRID	00043872	BORON				
440007.60000	3873407.00000	4.5921790e-03	746.10	746.10	1.20	PERIOD
CARTGRID	00043872	BORON				
440057.60000	3873407.00000	4.3734960e-03	746.40	746.40	1.20	PERIOD
CARTGRID	00043872	BORON				
440107.60000	3873407.00000	4.1554340e-03	746.50	746.50	1.20	PERIOD
CARTGRID	00043872	BORON				
440157.60000	3873407.00000	3.9391500e-03	746.60	746.60	1.20	PERIOD
CARTGRID	00043872	BORON				
440207.60000	3873407.00000	3.7289960e-03	746.80	746.80	1.20	PERIOD
CARTGRID	00043872	BORON				
440257.60000	3873407.00000	3.5269300e-03	747.00	747.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440307.60000	3873407.00000	3.3333050e-03	747.00	747.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440357.60000	3873407.00000	3.1519420e-03	747.40	747.40	1.20	PERIOD
CARTGRID	00043872	BORON				
440407.60000	3873407.00000	2.9808870e-03	747.90	747.90	1.20	PERIOD
CARTGRID	00043872	BORON				
440457.60000	3873407.00000	2.8196960e-03	748.30	748.30	1.20	PERIOD
CARTGRID	00043872	BORON				
440507.60000	3873407.00000	2.6684560e-03	748.60	748.60	1.20	PERIOD
CARTGRID	00043872	BORON				
440557.60000	3873407.00000	2.5266360e-03	748.60	748.60	1.20	PERIOD
CARTGRID	00043872	BORON				
440607.60000	3873407.00000	2.3943240e-03	748.80	748.80	1.20	PERIOD
CARTGRID	00043872	BORON				

440657.60000	3873407.00000	2.2702760e-03	748.90	748.90	1.20	PERIOD
CARTGRID	00043872	BORON				
440707.60000	3873407.00000	2.1541370e-03	748.90	748.90	1.20	PERIOD
CARTGRID	00043872	BORON				
440757.60000	3873407.00000	2.0452830e-03	749.20	749.20	1.20	PERIOD
CARTGRID	00043872	BORON				
440807.60000	3873407.00000	1.9430950e-03	749.30	749.30	1.20	PERIOD
CARTGRID	00043872	BORON				
440857.60000	3873407.00000	1.8466820e-03	749.50	749.50	1.20	PERIOD
CARTGRID	00043872	BORON				
440907.60000	3873407.00000	1.7561340e-03	749.70	749.70	1.20	PERIOD
CARTGRID	00043872	BORON				
440957.60000	3873407.00000	1.6715400e-03	749.80	749.80	1.20	PERIOD
CARTGRID	00043872	BORON				
441007.60000	3873407.00000	1.5916550e-03	750.10	750.10	1.20	PERIOD
CARTGRID	00043872	BORON				
441057.60000	3873407.00000	1.5170120e-03	750.30	750.30	1.20	PERIOD
CARTGRID	00043872	BORON				
441107.60000	3873407.00000	1.4471690e-03	750.40	750.40	1.20	PERIOD
CARTGRID	00043872	BORON				
441157.60000	3873407.00000	1.3816790e-03	750.40	750.40	1.20	PERIOD
CARTGRID	00043872	BORON				
441207.60000	3873407.00000	1.3197440e-03	750.70	750.70	1.20	PERIOD
CARTGRID	00043872	BORON				
441257.60000	3873407.00000	1.2613630e-03	751.00	751.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441307.60000	3873407.00000	1.2064480e-03	751.30	751.30	1.20	PERIOD
CARTGRID	00043872	BORON				
441357.60000	3873407.00000	1.1547320e-03	751.60	751.60	1.20	PERIOD
CARTGRID	00043872	BORON				
441407.60000	3873407.00000	1.1061250e-03	751.70	751.70	1.20	PERIOD
CARTGRID	00043872	BORON				
441457.60000	3873407.00000	1.0600960e-03	751.90	751.90	1.20	PERIOD
CARTGRID	00043872	BORON				
439957.60000	3873457.00000	4.4493820e-03	745.50	745.50	1.20	PERIOD
CARTGRID	00043872	BORON				
440007.60000	3873457.00000	4.2639320e-03	745.80	745.80	1.20	PERIOD
CARTGRID	00043872	BORON				
440057.60000	3873457.00000	4.0800810e-03	746.00	746.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440107.60000	3873457.00000	3.9009400e-03	746.20	746.20	1.20	PERIOD
CARTGRID	00043872	BORON				
440157.60000	3873457.00000	3.7226880e-03	746.40	746.40	1.20	PERIOD
CARTGRID	00043872	BORON				
440207.60000	3873457.00000	3.5453240e-03	746.50	746.50	1.20	PERIOD
CARTGRID	00043872	BORON				
440257.60000	3873457.00000	3.3716920e-03	746.50	746.50	1.20	PERIOD
CARTGRID	00043872	BORON				
440307.60000	3873457.00000	3.2055240e-03	746.70	746.70	1.20	PERIOD
CARTGRID	00043872	BORON				

440357.60000	3873457.00000	3.0472650e-03	747.20	747.20	1.20	PERIOD
CARTGRID	00043872	BORON				
440407.60000	3873457.00000	2.8943380e-03	747.40	747.40	1.20	PERIOD
CARTGRID	00043872	BORON				
440457.60000	3873457.00000	2.7491410e-03	747.80	747.80	1.20	PERIOD
CARTGRID	00043872	BORON				
440507.60000	3873457.00000	2.6106970e-03	748.10	748.10	1.20	PERIOD
CARTGRID	00043872	BORON				
440557.60000	3873457.00000	2.4790070e-03	748.10	748.10	1.20	PERIOD
CARTGRID	00043872	BORON				
440607.60000	3873457.00000	2.3552260e-03	748.40	748.40	1.20	PERIOD
CARTGRID	00043872	BORON				
440657.60000	3873457.00000	2.2379310e-03	748.40	748.40	1.20	PERIOD
CARTGRID	00043872	BORON				
440707.60000	3873457.00000	2.1275670e-03	748.60	748.60	1.20	PERIOD
CARTGRID	00043872	BORON				
440757.60000	3873457.00000	2.0233350e-03	748.70	748.70	1.20	PERIOD
CARTGRID	00043872	BORON				
440807.60000	3873457.00000	1.9250560e-03	748.90	748.90	1.20	PERIOD
CARTGRID	00043872	BORON				
440857.60000	3873457.00000	1.8322870e-03	749.00	749.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440907.60000	3873457.00000	1.7449380e-03	749.20	749.20	1.20	PERIOD
CARTGRID	00043872	BORON				
440957.60000	3873457.00000	1.6622090e-03	749.50	749.50	1.20	PERIOD
CARTGRID	00043872	BORON				
441007.60000	3873457.00000	1.5841900e-03	749.80	749.80	1.20	PERIOD
CARTGRID	00043872	BORON				
441057.60000	3873457.00000	1.5109700e-03	750.00	750.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441107.60000	3873457.00000	1.4427260e-03	749.90	749.90	1.20	PERIOD
CARTGRID	00043872	BORON				
441157.60000	3873457.00000	1.3779470e-03	750.10	750.10	1.20	PERIOD
CARTGRID	00043872	BORON				
441207.60000	3873457.00000	1.3168120e-03	750.40	750.40	1.20	PERIOD
CARTGRID	00043872	BORON				
441257.60000	3873457.00000	1.2594080e-03	750.60	750.60	1.20	PERIOD
CARTGRID	00043872	BORON				
441307.60000	3873457.00000	1.2052930e-03	750.80	750.80	1.20	PERIOD
CARTGRID	00043872	BORON				
441357.60000	3873457.00000	1.1541100e-03	751.10	751.10	1.20	PERIOD
CARTGRID	00043872	BORON				
441407.60000	3873457.00000	1.1060360e-03	751.10	751.10	1.20	PERIOD
CARTGRID	00043872	BORON				
441457.60000	3873457.00000	1.0605400e-03	751.20	751.20	1.20	PERIOD
CARTGRID	00043872	BORON				
439957.60000	3873507.00000	4.1345530e-03	745.20	745.20	1.20	PERIOD
CARTGRID	00043872	BORON				
440007.60000	3873507.00000	3.9794030e-03	745.50	745.50	1.20	PERIOD
CARTGRID	00043872	BORON				

440057.60000	3873507.00000	3.8244320e-03	745.80	745.80	1.20	PERIOD
CARTGRID	00043872	BORON				
440107.60000	3873507.00000	3.6719490e-03	746.00	746.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440157.60000	3873507.00000	3.5208870e-03	746.10	746.10	1.20	PERIOD
CARTGRID	00043872	BORON				
440207.60000	3873507.00000	3.3713360e-03	746.30	746.30	1.20	PERIOD
CARTGRID	00043872	BORON				
440257.60000	3873507.00000	3.2229410e-03	746.40	746.40	1.20	PERIOD
CARTGRID	00043872	BORON				
440307.60000	3873507.00000	3.0787210e-03	746.60	746.60	1.20	PERIOD
CARTGRID	00043872	BORON				
440357.60000	3873507.00000	2.9397450e-03	747.00	747.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440407.60000	3873507.00000	2.8045890e-03	747.20	747.20	1.20	PERIOD
CARTGRID	00043872	BORON				
440457.60000	3873507.00000	2.6739660e-03	747.30	747.30	1.20	PERIOD
CARTGRID	00043872	BORON				
440507.60000	3873507.00000	2.5488510e-03	747.60	747.60	1.20	PERIOD
CARTGRID	00043872	BORON				
440557.60000	3873507.00000	2.4284460e-03	747.70	747.70	1.20	PERIOD
CARTGRID	00043872	BORON				
440607.60000	3873507.00000	2.3135510e-03	747.90	747.90	1.20	PERIOD
CARTGRID	00043872	BORON				
440657.60000	3873507.00000	2.2038980e-03	748.00	748.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440707.60000	3873507.00000	2.0996650e-03	748.20	748.20	1.20	PERIOD
CARTGRID	00043872	BORON				
440757.60000	3873507.00000	2.0004980e-03	748.20	748.20	1.20	PERIOD
CARTGRID	00043872	BORON				
440807.60000	3873507.00000	1.9065730e-03	748.50	748.50	1.20	PERIOD
CARTGRID	00043872	BORON				
440857.60000	3873507.00000	1.8175360e-03	748.80	748.80	1.20	PERIOD
CARTGRID	00043872	BORON				
440907.60000	3873507.00000	1.7330300e-03	749.00	749.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440957.60000	3873507.00000	1.6531460e-03	749.20	749.20	1.20	PERIOD
CARTGRID	00043872	BORON				
441007.60000	3873507.00000	1.5768150e-03	749.70	749.70	1.20	PERIOD
CARTGRID	00043872	BORON				
441057.60000	3873507.00000	1.5054610e-03	749.80	749.80	1.20	PERIOD
CARTGRID	00043872	BORON				
441107.60000	3873507.00000	1.4383720e-03	749.80	749.80	1.20	PERIOD
CARTGRID	00043872	BORON				
441157.60000	3873507.00000	1.3750150e-03	749.80	749.80	1.20	PERIOD
CARTGRID	00043872	BORON				
441207.60000	3873507.00000	1.3150340e-03	750.00	750.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441257.60000	3873507.00000	1.2584310e-03	750.20	750.20	1.20	PERIOD
CARTGRID	00043872	BORON				

441307.60000	3873507.00000	1.2050260e-03	750.30	750.30	1.20	PERIOD
CARTGRID	00043872	BORON				
441357.60000	3873507.00000	1.1543760e-03	750.60	750.60	1.20	PERIOD
CARTGRID	00043872	BORON				
441407.60000	3873507.00000	1.1068360e-03	750.60	750.60	1.20	PERIOD
CARTGRID	00043872	BORON				
441457.60000	3873507.00000	1.0614290e-03	750.90	750.90	1.20	PERIOD
CARTGRID	00043872	BORON				
439957.60000	3873557.00000	3.8612200e-03	744.90	744.90	1.20	PERIOD
CARTGRID	00043872	BORON				
440007.60000	3873557.00000	3.7295300e-03	745.20	745.20	1.20	PERIOD
CARTGRID	00043872	BORON				
440057.60000	3873557.00000	3.5964180e-03	745.50	745.50	1.20	PERIOD
CARTGRID	00043872	BORON				
440107.60000	3873557.00000	3.4625950e-03	745.50	745.50	1.20	PERIOD
CARTGRID	00043872	BORON				
440157.60000	3873557.00000	3.3347260e-03	745.80	745.80	1.20	PERIOD
CARTGRID	00043872	BORON				
440207.60000	3873557.00000	3.2060570e-03	745.90	745.90	1.20	PERIOD
CARTGRID	00043872	BORON				
440257.60000	3873557.00000	3.0788990e-03	746.10	746.10	1.20	PERIOD
CARTGRID	00043872	BORON				
440307.60000	3873557.00000	2.9550290e-03	746.60	746.60	1.20	PERIOD
CARTGRID	00043872	BORON				
440357.60000	3873557.00000	2.8316920e-03	746.70	746.70	1.20	PERIOD
CARTGRID	00043872	BORON				
440407.60000	3873557.00000	2.7117310e-03	746.80	746.80	1.20	PERIOD
CARTGRID	00043872	BORON				
440457.60000	3873557.00000	2.5953250e-03	746.90	746.90	1.20	PERIOD
CARTGRID	00043872	BORON				
440507.60000	3873557.00000	2.4828280e-03	747.10	747.10	1.20	PERIOD
CARTGRID	00043872	BORON				
440557.60000	3873557.00000	2.3741530e-03	747.40	747.40	1.20	PERIOD
CARTGRID	00043872	BORON				
440607.60000	3873557.00000	2.2684100e-03	747.40	747.40	1.20	PERIOD
CARTGRID	00043872	BORON				
440657.60000	3873557.00000	2.1672880e-03	747.70	747.70	1.20	PERIOD
CARTGRID	00043872	BORON				
440707.60000	3873557.00000	2.0695420e-03	747.70	747.70	1.20	PERIOD
CARTGRID	00043872	BORON				
440757.60000	3873557.00000	1.9758840e-03	747.70	747.70	1.20	PERIOD
CARTGRID	00043872	BORON				
440807.60000	3873557.00000	1.8868460e-03	748.00	748.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440857.60000	3873557.00000	1.8017190e-03	748.20	748.20	1.20	PERIOD
CARTGRID	00043872	BORON				
440907.60000	3873557.00000	1.7206790e-03	748.60	748.60	1.20	PERIOD
CARTGRID	00043872	BORON				
440957.60000	3873557.00000	1.6435490e-03	749.00	749.00	1.20	PERIOD
CARTGRID	00043872	BORON				

441007.60000	3873557.00000	1.5701510e-03	749.20	749.20	1.20	PERIOD
CARTGRID	00043872	BORON				
441057.60000	3873557.00000	1.5003960e-03	749.50	749.50	1.20	PERIOD
CARTGRID	00043872	BORON				
441107.60000	3873557.00000	1.4346400e-03	749.50	749.50	1.20	PERIOD
CARTGRID	00043872	BORON				
441157.60000	3873557.00000	1.3725270e-03	749.50	749.50	1.20	PERIOD
CARTGRID	00043872	BORON				
441207.60000	3873557.00000	1.3135240e-03	749.70	749.70	1.20	PERIOD
CARTGRID	00043872	BORON				
441257.60000	3873557.00000	1.2578980e-03	749.80	749.80	1.20	PERIOD
CARTGRID	00043872	BORON				
441307.60000	3873557.00000	1.2050260e-03	750.10	750.10	1.20	PERIOD
CARTGRID	00043872	BORON				
441357.60000	3873557.00000	1.1553540e-03	750.10	750.10	1.20	PERIOD
CARTGRID	00043872	BORON				
441407.60000	3873557.00000	1.1079020e-03	750.40	750.40	1.20	PERIOD
CARTGRID	00043872	BORON				
441457.60000	3873557.00000	1.0632950e-03	750.40	750.40	1.20	PERIOD
CARTGRID	00043872	BORON				
439957.60000	3873607.00000	3.6247640e-03	744.90	744.90	1.20	PERIOD
CARTGRID	00043872	BORON				
440007.60000	3873607.00000	3.5089800e-03	745.00	745.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440057.60000	3873607.00000	3.3935520e-03	745.30	745.30	1.20	PERIOD
CARTGRID	00043872	BORON				
440107.60000	3873607.00000	3.2759010e-03	745.30	745.30	1.20	PERIOD
CARTGRID	00043872	BORON				
440157.60000	3873607.00000	3.1642930e-03	745.60	745.60	1.20	PERIOD
CARTGRID	00043872	BORON				
440207.60000	3873607.00000	3.0526860e-03	745.70	745.70	1.20	PERIOD
CARTGRID	00043872	BORON				
440257.60000	3873607.00000	2.9423220e-03	745.90	745.90	1.20	PERIOD
CARTGRID	00043872	BORON				
440307.60000	3873607.00000	2.8333800e-03	746.20	746.20	1.20	PERIOD
CARTGRID	00043872	BORON				
440357.60000	3873607.00000	2.7247930e-03	746.30	746.30	1.20	PERIOD
CARTGRID	00043872	BORON				
440407.60000	3873607.00000	2.6188730e-03	746.50	746.50	1.20	PERIOD
CARTGRID	00043872	BORON				
440457.60000	3873607.00000	2.5157950e-03	746.80	746.80	1.20	PERIOD
CARTGRID	00043872	BORON				
440507.60000	3873607.00000	2.4142290e-03	746.80	746.80	1.20	PERIOD
CARTGRID	00043872	BORON				
440557.60000	3873607.00000	2.3154170e-03	746.80	746.80	1.20	PERIOD
CARTGRID	00043872	BORON				
440607.60000	3873607.00000	2.2198040e-03	747.00	747.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440657.60000	3873607.00000	2.1268570e-03	747.20	747.20	1.20	PERIOD
CARTGRID	00043872	BORON				



440707.60000	3873607.00000	2.0363080e-03	747.20	747.20	1.20	PERIOD
CARTGRID	00043872	BORON				
440757.60000	3873607.00000	1.9488710e-03	747.20	747.20	1.20	PERIOD
CARTGRID	00043872	BORON				
440807.60000	3873607.00000	1.8647200e-03	747.30	747.30	1.20	PERIOD
CARTGRID	00043872	BORON				
440857.60000	3873607.00000	1.7843030e-03	747.70	747.70	1.20	PERIOD
CARTGRID	00043872	BORON				
440907.60000	3873607.00000	1.7070830e-03	748.20	748.20	1.20	PERIOD
CARTGRID	00043872	BORON				
440957.60000	3873607.00000	1.6329740e-03	748.40	748.40	1.20	PERIOD
CARTGRID	00043872	BORON				
441007.60000	3873607.00000	1.5622420e-03	748.70	748.70	1.20	PERIOD
CARTGRID	00043872	BORON				
441057.60000	3873607.00000	1.4948860e-03	749.00	749.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441107.60000	3873607.00000	1.4308190e-03	749.00	749.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441157.60000	3873607.00000	1.3700390e-03	749.20	749.20	1.20	PERIOD
CARTGRID	00043872	BORON				
441207.60000	3873607.00000	1.3124570e-03	749.30	749.30	1.20	PERIOD
CARTGRID	00043872	BORON				
441257.60000	3873607.00000	1.2575420e-03	749.50	749.50	1.20	PERIOD
CARTGRID	00043872	BORON				
441307.60000	3873607.00000	1.2057370e-03	749.60	749.60	1.20	PERIOD
CARTGRID	00043872	BORON				
441357.60000	3873607.00000	1.1564200e-03	749.80	749.80	1.20	PERIOD
CARTGRID	00043872	BORON				
441407.60000	3873607.00000	1.1098570e-03	749.90	749.90	1.20	PERIOD
CARTGRID	00043872	BORON				
441457.60000	3873607.00000	1.0656940e-03	749.90	749.90	1.20	PERIOD
CARTGRID	00043872	BORON				
439957.60000	3873657.00000	3.4107010e-03	744.60	744.60	1.20	PERIOD
CARTGRID	00043872	BORON				
440007.60000	3873657.00000	3.3125110e-03	744.90	744.90	1.20	PERIOD
CARTGRID	00043872	BORON				
440057.60000	3873657.00000	3.2085460e-03	744.90	744.90	1.20	PERIOD
CARTGRID	00043872	BORON				
440107.60000	3873657.00000	3.1064460e-03	745.10	745.10	1.20	PERIOD
CARTGRID	00043872	BORON				
440157.60000	3873657.00000	3.0067450e-03	745.30	745.30	1.20	PERIOD
CARTGRID	00043872	BORON				
440207.60000	3873657.00000	2.9094440e-03	745.50	745.50	1.20	PERIOD
CARTGRID	00043872	BORON				
440257.60000	3873657.00000	2.8130310e-03	745.70	745.70	1.20	PERIOD
CARTGRID	00043872	BORON				
440307.60000	3873657.00000	2.7175960e-03	746.00	746.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440357.60000	3873657.00000	2.6217160e-03	746.10	746.10	1.20	PERIOD
CARTGRID	00043872	BORON				

440407.60000	3873657.00000	2.5276140e-03	746.30	746.30	1.20	PERIOD
CARTGRID	00043872	BORON				
440457.60000	3873657.00000	2.4344890e-03	746.30	746.30	1.20	PERIOD
CARTGRID	00043872	BORON				
440507.60000	3873657.00000	2.3439410e-03	746.50	746.50	1.20	PERIOD
CARTGRID	00043872	BORON				
440557.60000	3873657.00000	2.2547260e-03	746.50	746.50	1.20	PERIOD
CARTGRID	00043872	BORON				
440607.60000	3873657.00000	2.1680880e-03	746.70	746.70	1.20	PERIOD
CARTGRID	00043872	BORON				
440657.60000	3873657.00000	2.0830490e-03	746.80	746.80	1.20	PERIOD
CARTGRID	00043872	BORON				
440707.60000	3873657.00000	1.9999650e-03	746.80	746.80	1.20	PERIOD
CARTGRID	00043872	BORON				
440757.60000	3873657.00000	1.9189250e-03	746.80	746.80	1.20	PERIOD
CARTGRID	00043872	BORON				
440807.60000	3873657.00000	1.8402840e-03	746.80	746.80	1.20	PERIOD
CARTGRID	00043872	BORON				
440857.60000	3873657.00000	1.7646640e-03	747.20	747.20	1.20	PERIOD
CARTGRID	00043872	BORON				
440907.60000	3873657.00000	1.6916220e-03	747.70	747.70	1.20	PERIOD
CARTGRID	00043872	BORON				
440957.60000	3873657.00000	1.6209780e-03	748.00	748.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441007.60000	3873657.00000	1.5530900e-03	748.30	748.30	1.20	PERIOD
CARTGRID	00043872	BORON				
441057.60000	3873657.00000	1.4881330e-03	748.50	748.50	1.20	PERIOD
CARTGRID	00043872	BORON				
441107.60000	3873657.00000	1.4261090e-03	748.80	748.80	1.20	PERIOD
CARTGRID	00043872	BORON				
441157.60000	3873657.00000	1.3668400e-03	748.90	748.90	1.20	PERIOD
CARTGRID	00043872	BORON				
441207.60000	3873657.00000	1.3105030e-03	749.10	749.10	1.20	PERIOD
CARTGRID	00043872	BORON				
441257.60000	3873657.00000	1.2570090e-03	749.20	749.20	1.20	PERIOD
CARTGRID	00043872	BORON				
441307.60000	3873657.00000	1.2060930e-03	749.40	749.40	1.20	PERIOD
CARTGRID	00043872	BORON				
441357.60000	3873657.00000	1.1577530e-03	749.40	749.40	1.20	PERIOD
CARTGRID	00043872	BORON				
441407.60000	3873657.00000	1.1118120e-03	749.50	749.50	1.20	PERIOD
CARTGRID	00043872	BORON				
441457.60000	3873657.00000	1.0681820e-03	749.50	749.50	1.20	PERIOD
CARTGRID	00043872	BORON				
439957.60000	3873707.00000	3.2184980e-03	744.30	744.30	1.20	PERIOD
CARTGRID	00043872	BORON				
440007.60000	3873707.00000	3.1329260e-03	744.60	744.60	1.20	PERIOD
CARTGRID	00043872	BORON				
440057.60000	3873707.00000	3.0426440e-03	744.70	744.70	1.20	PERIOD
CARTGRID	00043872	BORON				

440107.60000	3873707.00000	2.9517410e-03	744.90	744.90	1.20	PERIOD
CARTGRID	00043872	BORON				
440157.60000	3873707.00000	2.8625260e-03	745.10	745.10	1.20	PERIOD
CARTGRID	00043872	BORON				
440207.60000	3873707.00000	2.7758880e-03	745.30	745.30	1.20	PERIOD
CARTGRID	00043872	BORON				
440257.60000	3873707.00000	2.6908490e-03	745.50	745.50	1.20	PERIOD
CARTGRID	00043872	BORON				
440307.60000	3873707.00000	2.6051880e-03	745.50	745.50	1.20	PERIOD
CARTGRID	00043872	BORON				
440357.60000	3873707.00000	2.5215710e-03	745.80	745.80	1.20	PERIOD
CARTGRID	00043872	BORON				
440407.60000	3873707.00000	2.4370660e-03	745.80	745.80	1.20	PERIOD
CARTGRID	00043872	BORON				
440457.60000	3873707.00000	2.3549590e-03	746.10	746.10	1.20	PERIOD
CARTGRID	00043872	BORON				
440507.60000	3873707.00000	2.2732080e-03	746.20	746.20	1.20	PERIOD
CARTGRID	00043872	BORON				
440557.60000	3873707.00000	2.1932350e-03	746.40	746.40	1.20	PERIOD
CARTGRID	00043872	BORON				
440607.60000	3873707.00000	2.1143270e-03	746.50	746.50	1.20	PERIOD
CARTGRID	00043872	BORON				
440657.60000	3873707.00000	2.0371970e-03	746.70	746.70	1.20	PERIOD
CARTGRID	00043872	BORON				
440707.60000	3873707.00000	1.9606000e-03	746.50	746.50	1.20	PERIOD
CARTGRID	00043872	BORON				
440757.60000	3873707.00000	1.8860470e-03	746.50	746.50	1.20	PERIOD
CARTGRID	00043872	BORON				
440807.60000	3873707.00000	1.8137150e-03	746.80	746.80	1.20	PERIOD
CARTGRID	00043872	BORON				
440857.60000	3873707.00000	1.7428050e-03	747.00	747.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440907.60000	3873707.00000	1.6740280e-03	747.40	747.40	1.20	PERIOD
CARTGRID	00043872	BORON				
440957.60000	3873707.00000	1.6072050e-03	747.70	747.70	1.20	PERIOD
CARTGRID	00043872	BORON				
441007.60000	3873707.00000	1.5425150e-03	748.00	748.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441057.60000	3873707.00000	1.4801360e-03	748.30	748.30	1.20	PERIOD
CARTGRID	00043872	BORON				
441107.60000	3873707.00000	1.4203330e-03	748.60	748.60	1.20	PERIOD
CARTGRID	00043872	BORON				
441157.60000	3873707.00000	1.3628410e-03	748.60	748.60	1.20	PERIOD
CARTGRID	00043872	BORON				
441207.60000	3873707.00000	1.3081030e-03	748.80	748.80	1.20	PERIOD
CARTGRID	00043872	BORON				
441257.60000	3873707.00000	1.2558540e-03	748.90	748.90	1.20	PERIOD
CARTGRID	00043872	BORON				
441307.60000	3873707.00000	1.2060040e-03	749.20	749.20	1.20	PERIOD
CARTGRID	00043872	BORON				

441357.60000	3873707.00000	1.1586410e-03	749.20	749.20	1.20	PERIOD
CARTGRID	00043872	BORON				
441407.60000	3873707.00000	1.1134120e-03	749.20	749.20	1.20	PERIOD
CARTGRID	00043872	BORON				
441457.60000	3873707.00000	1.0702260e-03	749.50	749.50	1.20	PERIOD
CARTGRID	00043872	BORON				
439957.60000	3873757.00000	3.0457550e-03	744.10	744.10	1.20	PERIOD
CARTGRID	00043872	BORON				
440007.60000	3873757.00000	2.9696020e-03	744.30	744.30	1.20	PERIOD
CARTGRID	00043872	BORON				
440057.60000	3873757.00000	2.8909610e-03	744.50	744.50	1.20	PERIOD
CARTGRID	00043872	BORON				
440107.60000	3873757.00000	2.8099210e-03	744.70	744.70	1.20	PERIOD
CARTGRID	00043872	BORON				
440157.60000	3873757.00000	2.7295030e-03	744.90	744.90	1.20	PERIOD
CARTGRID	00043872	BORON				
440207.60000	3873757.00000	2.6508620e-03	745.00	745.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440257.60000	3873757.00000	2.5751530e-03	745.20	745.20	1.20	PERIOD
CARTGRID	00043872	BORON				
440307.60000	3873757.00000	2.4998010e-03	745.30	745.30	1.20	PERIOD
CARTGRID	00043872	BORON				
440357.60000	3873757.00000	2.4251590e-03	745.50	745.50	1.20	PERIOD
CARTGRID	00043872	BORON				
440407.60000	3873757.00000	2.3503390e-03	745.60	745.60	1.20	PERIOD
CARTGRID	00043872	BORON				
440457.60000	3873757.00000	2.2768520e-03	745.90	745.90	1.20	PERIOD
CARTGRID	00043872	BORON				
440507.60000	3873757.00000	2.2031870e-03	746.00	746.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440557.60000	3873757.00000	2.1308550e-03	746.20	746.20	1.20	PERIOD
CARTGRID	00043872	BORON				
440607.60000	3873757.00000	2.0589680e-03	746.20	746.20	1.20	PERIOD
CARTGRID	00043872	BORON				
440657.60000	3873757.00000	1.9882350e-03	746.20	746.20	1.20	PERIOD
CARTGRID	00043872	BORON				
440707.60000	3873757.00000	1.9191910e-03	746.40	746.40	1.20	PERIOD
CARTGRID	00043872	BORON				
440757.60000	3873757.00000	1.8509470e-03	746.50	746.50	1.20	PERIOD
CARTGRID	00043872	BORON				
440807.60000	3873757.00000	1.7838580e-03	746.60	746.60	1.20	PERIOD
CARTGRID	00043872	BORON				
440857.60000	3873757.00000	1.7181020e-03	746.80	746.80	1.20	PERIOD
CARTGRID	00043872	BORON				
440907.60000	3873757.00000	1.6534120e-03	746.80	746.80	1.20	PERIOD
CARTGRID	00043872	BORON				
440957.60000	3873757.00000	1.5907660e-03	747.20	747.20	1.20	PERIOD
CARTGRID	00043872	BORON				
441007.60000	3873757.00000	1.5298970e-03	747.70	747.70	1.20	PERIOD
CARTGRID	00043872	BORON				

441057.60000	3873757.00000	1.4705390e-03	748.00	748.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441107.60000	3873757.00000	1.4130470e-03	748.10	748.10	1.20	PERIOD
CARTGRID	00043872	BORON				
441157.60000	3873757.00000	1.3577760e-03	748.40	748.40	1.20	PERIOD
CARTGRID	00043872	BORON				
441207.60000	3873757.00000	1.3047270e-03	748.60	748.60	1.20	PERIOD
CARTGRID	00043872	BORON				
441257.60000	3873757.00000	1.2538990e-03	748.70	748.70	1.20	PERIOD
CARTGRID	00043872	BORON				
441307.60000	3873757.00000	1.2053820e-03	748.90	748.90	1.20	PERIOD
CARTGRID	00043872	BORON				
441357.60000	3873757.00000	1.1589080e-03	749.10	749.10	1.20	PERIOD
CARTGRID	00043872	BORON				
441407.60000	3873757.00000	1.1145670e-03	749.20	749.20	1.20	PERIOD
CARTGRID	00043872	BORON				
441457.60000	3873757.00000	1.0722700e-03	749.20	749.20	1.20	PERIOD
CARTGRID	00043872	BORON				
439957.60000	3873807.00000	2.8864290e-03	743.70	743.70	1.20	PERIOD
CARTGRID	00043872	BORON				
440007.60000	3873807.00000	2.8202290e-03	744.00	744.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440057.60000	3873807.00000	2.7507400e-03	744.20	744.20	1.20	PERIOD
CARTGRID	00043872	BORON				
440107.60000	3873807.00000	2.6791190e-03	744.50	744.50	1.20	PERIOD
CARTGRID	00043872	BORON				
440157.60000	3873807.00000	2.6064320e-03	744.70	744.70	1.20	PERIOD
CARTGRID	00043872	BORON				
440207.60000	3873807.00000	2.5350780e-03	744.80	744.80	1.20	PERIOD
CARTGRID	00043872	BORON				
440257.60000	3873807.00000	2.4662120e-03	744.90	744.90	1.20	PERIOD
CARTGRID	00043872	BORON				
440307.60000	3873807.00000	2.3994780e-03	745.10	745.10	1.20	PERIOD
CARTGRID	00043872	BORON				
440357.60000	3873807.00000	2.3331000e-03	745.30	745.30	1.20	PERIOD
CARTGRID	00043872	BORON				
440407.60000	3873807.00000	2.2668110e-03	745.50	745.50	1.20	PERIOD
CARTGRID	00043872	BORON				
440457.60000	3873807.00000	2.2005210e-03	745.70	745.70	1.20	PERIOD
CARTGRID	00043872	BORON				
440507.60000	3873807.00000	2.1342320e-03	745.80	745.80	1.20	PERIOD
CARTGRID	00043872	BORON				
440557.60000	3873807.00000	2.0687420e-03	746.00	746.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440607.60000	3873807.00000	2.0036970e-03	746.10	746.10	1.20	PERIOD
CARTGRID	00043872	BORON				
440657.60000	3873807.00000	1.9394520e-03	746.20	746.20	1.20	PERIOD
CARTGRID	00043872	BORON				
440707.60000	3873807.00000	1.8757390e-03	746.20	746.20	1.20	PERIOD
CARTGRID	00043872	BORON				

440757.60000	3873807.00000	1.8131820e-03	746.30	746.30	1.20	PERIOD
CARTGRID	00043872	BORON				
440807.60000	3873807.00000	1.7516020e-03	746.50	746.50	1.20	PERIOD
CARTGRID	00043872	BORON				
440857.60000	3873807.00000	1.6907330e-03	746.60	746.60	1.20	PERIOD
CARTGRID	00043872	BORON				
440907.60000	3873807.00000	1.6309310e-03	746.80	746.80	1.20	PERIOD
CARTGRID	00043872	BORON				
440957.60000	3873807.00000	1.5723720e-03	747.10	747.10	1.20	PERIOD
CARTGRID	00043872	BORON				
441007.60000	3873807.00000	1.5148800e-03	747.40	747.40	1.20	PERIOD
CARTGRID	00043872	BORON				
441057.60000	3873807.00000	1.4588090e-03	747.70	747.70	1.20	PERIOD
CARTGRID	00043872	BORON				
441107.60000	3873807.00000	1.4041610e-03	748.00	748.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441157.60000	3873807.00000	1.3512890e-03	748.30	748.30	1.20	PERIOD
CARTGRID	00043872	BORON				
441207.60000	3873807.00000	1.3001950e-03	748.50	748.50	1.20	PERIOD
CARTGRID	00043872	BORON				
441257.60000	3873807.00000	1.2509670e-03	748.60	748.60	1.20	PERIOD
CARTGRID	00043872	BORON				
441307.60000	3873807.00000	1.2037820e-03	748.90	748.90	1.20	PERIOD
CARTGRID	00043872	BORON				
441357.60000	3873807.00000	1.1585530e-03	748.90	748.90	1.20	PERIOD
CARTGRID	00043872	BORON				
441407.60000	3873807.00000	1.1151890e-03	749.10	749.10	1.20	PERIOD
CARTGRID	00043872	BORON				
441457.60000	3873807.00000	1.0736920e-03	749.20	749.20	1.20	PERIOD
CARTGRID	00043872	BORON				
439957.60000	3873857.00000	2.7445200e-03	743.70	743.70	1.20	PERIOD
CARTGRID	00043872	BORON				
440007.60000	3873857.00000	2.6829410e-03	743.70	743.70	1.20	PERIOD
CARTGRID	00043872	BORON				
440057.60000	3873857.00000	2.6221600e-03	744.00	744.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440107.60000	3873857.00000	2.5580040e-03	744.30	744.30	1.20	PERIOD
CARTGRID	00043872	BORON				
440157.60000	3873857.00000	2.4920700e-03	744.50	744.50	1.20	PERIOD
CARTGRID	00043872	BORON				
440207.60000	3873857.00000	2.4270250e-03	744.60	744.60	1.20	PERIOD
CARTGRID	00043872	BORON				
440257.60000	3873857.00000	2.3655330e-03	744.90	744.90	1.20	PERIOD
CARTGRID	00043872	BORON				
440307.60000	3873857.00000	2.3042210e-03	744.90	744.90	1.20	PERIOD
CARTGRID	00043872	BORON				
440357.60000	3873857.00000	2.2453950e-03	745.20	745.20	1.20	PERIOD
CARTGRID	00043872	BORON				
440407.60000	3873857.00000	2.1852370e-03	745.20	745.20	1.20	PERIOD
CARTGRID	00043872	BORON				

440457.60000	3873857.00000	2.1263230e-03	745.50	745.50	1.20	PERIOD
CARTGRID	00043872	BORON				
440507.60000	3873857.00000	2.0661650e-03	745.50	745.50	1.20	PERIOD
CARTGRID	00043872	BORON				
440557.60000	3873857.00000	2.0073400e-03	745.80	745.80	1.20	PERIOD
CARTGRID	00043872	BORON				
440607.60000	3873857.00000	1.9478930e-03	745.80	745.80	1.20	PERIOD
CARTGRID	00043872	BORON				
440657.60000	3873857.00000	1.8892460e-03	745.90	745.90	1.20	PERIOD
CARTGRID	00043872	BORON				
440707.60000	3873857.00000	1.8314870e-03	746.10	746.10	1.20	PERIOD
CARTGRID	00043872	BORON				
440757.60000	3873857.00000	1.7739950e-03	746.20	746.20	1.20	PERIOD
CARTGRID	00043872	BORON				
440807.60000	3873857.00000	1.7175690e-03	746.50	746.50	1.20	PERIOD
CARTGRID	00043872	BORON				
440857.60000	3873857.00000	1.6615870e-03	746.70	746.70	1.20	PERIOD
CARTGRID	00043872	BORON				
440907.60000	3873857.00000	1.6062280e-03	746.90	746.90	1.20	PERIOD
CARTGRID	00043872	BORON				
440957.60000	3873857.00000	1.5514010e-03	747.00	747.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441007.60000	3873857.00000	1.4974630e-03	747.10	747.10	1.20	PERIOD
CARTGRID	00043872	BORON				
441057.60000	3873857.00000	1.4447700e-03	747.40	747.40	1.20	PERIOD
CARTGRID	00043872	BORON				
441107.60000	3873857.00000	1.3932310e-03	747.70	747.70	1.20	PERIOD
CARTGRID	00043872	BORON				
441157.60000	3873857.00000	1.3429360e-03	748.00	748.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441207.60000	3873857.00000	1.2940640e-03	748.30	748.30	1.20	PERIOD
CARTGRID	00043872	BORON				
441257.60000	3873857.00000	1.2468790e-03	748.60	748.60	1.20	PERIOD
CARTGRID	00043872	BORON				
441307.60000	3873857.00000	1.2012050e-03	748.90	748.90	1.20	PERIOD
CARTGRID	00043872	BORON				
441357.60000	3873857.00000	1.1572200e-03	748.90	748.90	1.20	PERIOD
CARTGRID	00043872	BORON				
441407.60000	3873857.00000	1.1150110e-03	749.00	749.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441457.60000	3873857.00000	1.0744910e-03	749.20	749.20	1.20	PERIOD
CARTGRID	00043872	BORON				
439957.60000	3873907.00000	2.6110530e-03	743.40	743.40	1.20	PERIOD
CARTGRID	00043872	BORON				
440007.60000	3873907.00000	2.5578260e-03	743.60	743.60	1.20	PERIOD
CARTGRID	00043872	BORON				
440057.60000	3873907.00000	2.5030000e-03	743.80	743.80	1.20	PERIOD
CARTGRID	00043872	BORON				
440107.60000	3873907.00000	2.4447080e-03	744.00	744.00	1.20	PERIOD
CARTGRID	00043872	BORON				

440157.60000	3873907.00000	2.3842830e-03	744.10	744.10	1.20	PERIOD
CARTGRID	00043872	BORON				
440207.60000	3873907.00000	2.3253690e-03	744.30	744.30	1.20	PERIOD
CARTGRID	00043872	BORON				
440257.60000	3873907.00000	2.2692100e-03	744.60	744.60	1.20	PERIOD
CARTGRID	00043872	BORON				
440307.60000	3873907.00000	2.2150050e-03	744.90	744.90	1.20	PERIOD
CARTGRID	00043872	BORON				
440357.60000	3873907.00000	2.1609790e-03	745.00	745.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440407.60000	3873907.00000	2.1079290e-03	745.20	745.20	1.20	PERIOD
CARTGRID	00043872	BORON				
440457.60000	3873907.00000	2.0542580e-03	745.30	745.30	1.20	PERIOD
CARTGRID	00043872	BORON				
440507.60000	3873907.00000	2.0004090e-03	745.40	745.40	1.20	PERIOD
CARTGRID	00043872	BORON				
440557.60000	3873907.00000	1.9465600e-03	745.50	745.50	1.20	PERIOD
CARTGRID	00043872	BORON				
440607.60000	3873907.00000	1.8928000e-03	745.60	745.60	1.20	PERIOD
CARTGRID	00043872	BORON				
440657.60000	3873907.00000	1.8394840e-03	745.80	745.80	1.20	PERIOD
CARTGRID	00043872	BORON				
440707.60000	3873907.00000	1.7863460e-03	745.90	745.90	1.20	PERIOD
CARTGRID	00043872	BORON				
440757.60000	3873907.00000	1.7340970e-03	746.20	746.20	1.20	PERIOD
CARTGRID	00043872	BORON				
440807.60000	3873907.00000	1.6817580e-03	746.30	746.30	1.20	PERIOD
CARTGRID	00043872	BORON				
440857.60000	3873907.00000	1.6301310e-03	746.50	746.50	1.20	PERIOD
CARTGRID	00043872	BORON				
440907.60000	3873907.00000	1.5790370e-03	746.80	746.80	1.20	PERIOD
CARTGRID	00043872	BORON				
440957.60000	3873907.00000	1.5281200e-03	746.80	746.80	1.20	PERIOD
CARTGRID	00043872	BORON				
441007.60000	3873907.00000	1.4777370e-03	746.80	746.80	1.20	PERIOD
CARTGRID	00043872	BORON				
441057.60000	3873907.00000	1.4284190e-03	747.00	747.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441107.60000	3873907.00000	1.3800800e-03	747.40	747.40	1.20	PERIOD
CARTGRID	00043872	BORON				
441157.60000	3873907.00000	1.3327170e-03	748.00	748.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441207.60000	3873907.00000	1.2863330e-03	748.30	748.30	1.20	PERIOD
CARTGRID	00043872	BORON				
441257.60000	3873907.00000	1.2411030e-03	748.60	748.60	1.20	PERIOD
CARTGRID	00043872	BORON				
441307.60000	3873907.00000	1.1972070e-03	748.60	748.60	1.20	PERIOD
CARTGRID	00043872	BORON				
441357.60000	3873907.00000	1.1548200e-03	748.90	748.90	1.20	PERIOD
CARTGRID	00043872	BORON				



441407.60000	3873907.00000	1.1138560e-03	749.00	749.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441457.60000	3873907.00000	1.0744020e-03	749.20	749.20	1.20	PERIOD
CARTGRID	00043872	BORON				
439957.60000	3873957.00000	2.4903810e-03	743.40	743.40	1.20	PERIOD
CARTGRID	00043872	BORON				
440007.60000	3873957.00000	2.4409760e-03	743.40	743.40	1.20	PERIOD
CARTGRID	00043872	BORON				
440057.60000	3873957.00000	2.3928140e-03	743.70	743.70	1.20	PERIOD
CARTGRID	00043872	BORON				
440107.60000	3873957.00000	2.3390530e-03	743.70	743.70	1.20	PERIOD
CARTGRID	00043872	BORON				
440157.60000	3873957.00000	2.2841380e-03	743.80	743.80	1.20	PERIOD
CARTGRID	00043872	BORON				
440207.60000	3873957.00000	2.2301120e-03	744.00	744.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440257.60000	3873957.00000	2.1801720e-03	744.60	744.60	1.20	PERIOD
CARTGRID	00043872	BORON				
440307.60000	3873957.00000	2.1299670e-03	744.80	744.80	1.20	PERIOD
CARTGRID	00043872	BORON				
440357.60000	3873957.00000	2.0809160e-03	744.90	744.90	1.20	PERIOD
CARTGRID	00043872	BORON				
440407.60000	3873957.00000	2.0334650e-03	745.20	745.20	1.20	PERIOD
CARTGRID	00043872	BORON				
440457.60000	3873957.00000	1.9847700e-03	745.20	745.20	1.20	PERIOD
CARTGRID	00043872	BORON				
440507.60000	3873957.00000	1.9359860e-03	745.20	745.20	1.20	PERIOD
CARTGRID	00043872	BORON				
440557.60000	3873957.00000	1.8878240e-03	745.50	745.50	1.20	PERIOD
CARTGRID	00043872	BORON				
440607.60000	3873957.00000	1.8386850e-03	745.50	745.50	1.20	PERIOD
CARTGRID	00043872	BORON				
440657.60000	3873957.00000	1.7898120e-03	745.60	745.60	1.20	PERIOD
CARTGRID	00043872	BORON				
440707.60000	3873957.00000	1.7413830e-03	745.80	745.80	1.20	PERIOD
CARTGRID	00043872	BORON				
440757.60000	3873957.00000	1.6931320e-03	746.00	746.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440807.60000	3873957.00000	1.6451480e-03	746.20	746.20	1.20	PERIOD
CARTGRID	00043872	BORON				
440857.60000	3873957.00000	1.5976970e-03	746.50	746.50	1.20	PERIOD
CARTGRID	00043872	BORON				
440907.60000	3873957.00000	1.5500680e-03	746.50	746.50	1.20	PERIOD
CARTGRID	00043872	BORON				
440957.60000	3873957.00000	1.5027950e-03	746.50	746.50	1.20	PERIOD
CARTGRID	00043872	BORON				
441007.60000	3873957.00000	1.4562330e-03	746.70	746.70	1.20	PERIOD
CARTGRID	00043872	BORON				
441057.60000	3873957.00000	1.4102030e-03	746.90	746.90	1.20	PERIOD
CARTGRID	00043872	BORON				

441107.60000	3873957.00000	1.3650630e-03	747.40	747.40	1.20	PERIOD
CARTGRID	00043872	BORON				
441157.60000	3873957.00000	1.3205440e-03	748.00	748.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441207.60000	3873957.00000	1.2766470e-03	748.30	748.30	1.20	PERIOD
CARTGRID	00043872	BORON				
441257.60000	3873957.00000	1.2336390e-03	748.60	748.60	1.20	PERIOD
CARTGRID	00043872	BORON				
441307.60000	3873957.00000	1.1916970e-03	748.70	748.70	1.20	PERIOD
CARTGRID	00043872	BORON				
441357.60000	3873957.00000	1.1509110e-03	748.90	748.90	1.20	PERIOD
CARTGRID	00043872	BORON				
441407.60000	3873957.00000	1.1114570e-03	749.10	749.10	1.20	PERIOD
CARTGRID	00043872	BORON				
441457.60000	3873957.00000	1.0733360e-03	749.20	749.20	1.20	PERIOD
CARTGRID	00043872	BORON				
439957.60000	3874007.00000	2.3784180e-03	743.40	743.40	1.20	PERIOD
CARTGRID	00043872	BORON				
440007.60000	3874007.00000	2.3339000e-03	743.40	743.40	1.20	PERIOD
CARTGRID	00043872	BORON				
440057.60000	3874007.00000	2.2908030e-03	743.70	743.70	1.20	PERIOD
CARTGRID	00043872	BORON				
440107.60000	3874007.00000	2.2421970e-03	743.70	743.70	1.20	PERIOD
CARTGRID	00043872	BORON				
440157.60000	3874007.00000	2.1915460e-03	743.70	743.70	1.20	PERIOD
CARTGRID	00043872	BORON				
440207.60000	3874007.00000	2.1407190e-03	743.70	743.70	1.20	PERIOD
CARTGRID	00043872	BORON				
440257.60000	3874007.00000	2.0962890e-03	744.60	744.60	1.20	PERIOD
CARTGRID	00043872	BORON				
440307.60000	3874007.00000	2.0503480e-03	744.90	744.90	1.20	PERIOD
CARTGRID	00043872	BORON				
440357.60000	3874007.00000	2.0049410e-03	744.90	744.90	1.20	PERIOD
CARTGRID	00043872	BORON				
440407.60000	3874007.00000	1.9619330e-03	745.20	745.20	1.20	PERIOD
CARTGRID	00043872	BORON				
440457.60000	3874007.00000	1.9180360e-03	745.20	745.20	1.20	PERIOD
CARTGRID	00043872	BORON				
440507.60000	3874007.00000	1.8738730e-03	745.20	745.20	1.20	PERIOD
CARTGRID	00043872	BORON				
440557.60000	3874007.00000	1.8304210e-03	745.50	745.50	1.20	PERIOD
CARTGRID	00043872	BORON				
440607.60000	3874007.00000	1.7857240e-03	745.50	745.50	1.20	PERIOD
CARTGRID	00043872	BORON				
440657.60000	3874007.00000	1.7408500e-03	745.50	745.50	1.20	PERIOD
CARTGRID	00043872	BORON				
440707.60000	3874007.00000	1.6967760e-03	745.80	745.80	1.20	PERIOD
CARTGRID	00043872	BORON				
440757.60000	3874007.00000	1.6524350e-03	746.00	746.00	1.20	PERIOD
CARTGRID	00043872	BORON				

440807.60000	3874007.00000	1.6081830e-03	746.20	746.20	1.20	PERIOD
CARTGRID	00043872	BORON				
440857.60000	3874007.00000	1.5643750e-03	746.50	746.50	1.20	PERIOD
CARTGRID	00043872	BORON				
440907.60000	3874007.00000	1.5207450e-03	746.80	746.80	1.20	PERIOD
CARTGRID	00043872	BORON				
440957.60000	3874007.00000	1.4764040e-03	746.50	746.50	1.20	PERIOD
CARTGRID	00043872	BORON				
441007.60000	3874007.00000	1.4333070e-03	746.80	746.80	1.20	PERIOD
CARTGRID	00043872	BORON				
441057.60000	3874007.00000	1.3903880e-03	747.00	747.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441107.60000	3874007.00000	1.3481790e-03	747.50	747.50	1.20	PERIOD
CARTGRID	00043872	BORON				
441157.60000	3874007.00000	1.3063260e-03	748.00	748.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441207.60000	3874007.00000	1.2650950e-03	748.50	748.50	1.20	PERIOD
CARTGRID	00043872	BORON				
441257.60000	3874007.00000	1.2243980e-03	748.70	748.70	1.20	PERIOD
CARTGRID	00043872	BORON				
441307.60000	3874007.00000	1.1845000e-03	748.90	748.90	1.20	PERIOD
CARTGRID	00043872	BORON				
441357.60000	3874007.00000	1.1455790e-03	749.10	749.10	1.20	PERIOD
CARTGRID	00043872	BORON				
441407.60000	3874007.00000	1.1076360e-03	749.20	749.20	1.20	PERIOD
CARTGRID	00043872	BORON				
441457.60000	3874007.00000	1.0709370e-03	749.20	749.20	1.20	PERIOD
CARTGRID	00043872	BORON				
439957.60000	3874057.00000	2.2778290e-03	743.90	743.90	1.20	PERIOD
CARTGRID	00043872	BORON				
440007.60000	3874057.00000	2.2375760e-03	743.90	743.90	1.20	PERIOD
CARTGRID	00043872	BORON				
440057.60000	3874057.00000	2.1966110e-03	743.90	743.90	1.20	PERIOD
CARTGRID	00043872	BORON				
440107.60000	3874057.00000	2.1526260e-03	743.90	743.90	1.20	PERIOD
CARTGRID	00043872	BORON				
440157.60000	3874057.00000	2.1068630e-03	744.00	744.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440207.60000	3874057.00000	2.0615450e-03	744.30	744.30	1.20	PERIOD
CARTGRID	00043872	BORON				
440257.60000	3874057.00000	2.0171150e-03	744.60	744.60	1.20	PERIOD
CARTGRID	00043872	BORON				
440307.60000	3874057.00000	1.9744620e-03	744.90	744.90	1.20	PERIOD
CARTGRID	00043872	BORON				
440357.60000	3874057.00000	1.9337640e-03	745.20	745.20	1.20	PERIOD
CARTGRID	00043872	BORON				
440407.60000	3874057.00000	1.8933330e-03	745.20	745.20	1.20	PERIOD
CARTGRID	00043872	BORON				
440457.60000	3874057.00000	1.8541460e-03	745.40	745.40	1.20	PERIOD
CARTGRID	00043872	BORON				

440507.60000	3874057.00000	1.8146040e-03	745.50	745.50	1.20	PERIOD
CARTGRID	00043872	BORON				
440557.60000	3874057.00000	1.7743500e-03	745.50	745.50	1.20	PERIOD
CARTGRID	00043872	BORON				
440607.60000	3874057.00000	1.7337410e-03	745.50	745.50	1.20	PERIOD
CARTGRID	00043872	BORON				
440657.60000	3874057.00000	1.6931320e-03	745.60	745.60	1.20	PERIOD
CARTGRID	00043872	BORON				
440707.60000	3874057.00000	1.6524350e-03	745.80	745.80	1.20	PERIOD
CARTGRID	00043872	BORON				
440757.60000	3874057.00000	1.6120920e-03	746.20	746.20	1.20	PERIOD
CARTGRID	00043872	BORON				
440807.60000	3874057.00000	1.5713950e-03	746.40	746.40	1.20	PERIOD
CARTGRID	00043872	BORON				
440857.60000	3874057.00000	1.5309630e-03	746.80	746.80	1.20	PERIOD
CARTGRID	00043872	BORON				
440907.60000	3874057.00000	1.4900880e-03	746.80	746.80	1.20	PERIOD
CARTGRID	00043872	BORON				
440957.60000	3874057.00000	1.4496570e-03	747.00	747.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441007.60000	3874057.00000	1.4091370e-03	747.00	747.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441057.60000	3874057.00000	1.3691500e-03	747.20	747.20	1.20	PERIOD
CARTGRID	00043872	BORON				
441107.60000	3874057.00000	1.3297850e-03	747.80	747.80	1.20	PERIOD
CARTGRID	00043872	BORON				
441157.60000	3874057.00000	1.2905980e-03	748.30	748.30	1.20	PERIOD
CARTGRID	00043872	BORON				
441207.60000	3874057.00000	1.2516780e-03	748.70	748.70	1.20	PERIOD
CARTGRID	00043872	BORON				
441257.60000	3874057.00000	1.2132900e-03	749.00	749.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441307.60000	3874057.00000	1.1755250e-03	749.10	749.10	1.20	PERIOD
CARTGRID	00043872	BORON				
441357.60000	3874057.00000	1.1384700e-03	749.20	749.20	1.20	PERIOD
CARTGRID	00043872	BORON				
441407.60000	3874057.00000	1.1022150e-03	749.40	749.40	1.20	PERIOD
CARTGRID	00043872	BORON				
441457.60000	3874057.00000	1.0667610e-03	749.70	749.70	1.20	PERIOD
CARTGRID	00043872	BORON				
439914.30000	3872794.00000	1.6595610e-02	752.00	752.00	1.20	PERIOD
SENSITIV	00043872					
436262.90000	3873356.00000	9.1276670e-04	732.87	732.87	1.20	PERIOD
SENSITIV	00043872					
435902.60000	3873538.00000	6.9968120e-04	728.47	728.47	1.20	PERIOD
SENSITIV	00043872					
435899.30000	3873949.00000	6.1464240e-04	728.47	728.47	1.20	PERIOD
SENSITIV	00043872					
437456.80000	3871498.00000	6.4787590e-03	750.00	750.00	1.20	PERIOD
PROPERTY	00043872					

437556.80000	3871496.00000	9.7870060e-03	751.90	751.90	1.20	PERIOD
PROPERTY 00043872						
437656.80000	3871495.00000	9.7483510e-03	753.00	753.00	1.20	PERIOD
PROPERTY 00043872						
437756.80000	3871494.00000	9.1114950e-03	754.00	754.00	1.20	PERIOD
PROPERTY 00043872						
437856.80000	3871492.00000	8.8150590e-03	755.00	755.00	1.20	PERIOD
PROPERTY 00043872						
437956.80000	3871491.00000	8.6230330e-03	756.00	756.00	1.20	PERIOD
PROPERTY 00043872						
438056.80000	3871490.00000	8.4345610e-03	757.00	757.00	1.20	PERIOD
PROPERTY 00043872						
438156.80000	3871488.00000	8.1550090e-03	758.00	758.00	1.20	PERIOD
PROPERTY 00043872						
438256.80000	3871487.00000	7.9724020e-03	759.00	759.00	1.20	PERIOD
PROPERTY 00043872						
438356.80000	3871486.00000	7.7929060e-03	759.99	759.99	1.20	PERIOD
PROPERTY 00043872						
438456.70000	3871484.00000	7.7811760e-03	760.04	760.04	1.20	PERIOD
PROPERTY 00043872						
438556.70000	3871483.00000	7.5943040e-03	761.00	761.00	1.20	PERIOD
PROPERTY 00043872						
438656.70000	3871482.00000	7.5081100e-03	761.56	761.56	1.20	PERIOD
PROPERTY 00043872						
438756.70000	3871480.00000	7.1361440e-03	762.90	762.90	1.20	PERIOD
PROPERTY 00043872						
438856.70000	3871479.00000	6.8642330e-03	764.23	764.23	1.20	PERIOD
PROPERTY 00043872						
438956.70000	3871478.00000	6.4227780e-03	766.56	766.56	1.20	PERIOD
PROPERTY 00043872						
439056.70000	3871476.00000	6.0926640e-03	768.00	768.00	1.20	PERIOD
PROPERTY 00043872						
439156.70000	3871475.00000	6.0179340e-03	768.35	768.35	1.20	PERIOD
PROPERTY 00043872						
439256.70000	3871474.00000	5.8858870e-03	769.00	769.00	1.20	PERIOD
PROPERTY 00043872						
439356.70000	3871472.00000	5.6214410e-03	769.94	769.94	1.20	PERIOD
PROPERTY 00043872						
439456.60000	3871471.00000	5.5313380e-03	770.00	770.00	1.20	PERIOD
PROPERTY 00043872						
439556.60000	3871470.00000	5.4080010e-03	770.00	770.00	1.20	PERIOD
PROPERTY 00043872						
439656.60000	3871468.00000	5.1857620e-03	769.63	769.63	1.20	PERIOD
PROPERTY 00043872						
439756.60000	3871467.00000	4.9911590e-03	768.48	768.48	1.20	PERIOD
PROPERTY 00043872						
439856.60000	3871466.00000	4.2730840e-03	768.00	768.00	1.20	PERIOD
PROPERTY 00043872						
439877.70000	3871465.00000	3.8857450e-03	768.00	768.00	1.20	PERIOD
PROPERTY 00043872						

439879.30000	3871565.00000	7.6517080e-03	767.32	767.32	1.20	PERIOD
PROPERTY	00043872					
439880.80000	3871665.00000	9.1636550e-03	767.37	767.37	1.20	PERIOD
PROPERTY	00043872					
439882.40000	3871765.00000	1.0105740e-02	767.00	767.00	1.20	PERIOD
PROPERTY	00043872					
439884.00000	3871865.00000	1.1101330e-02	765.35	765.35	1.20	PERIOD
PROPERTY	00043872					
439885.60000	3871965.00000	1.2476340e-02	762.01	762.01	1.20	PERIOD
PROPERTY	00043872					
439887.10000	3872065.00000	1.2950680e-02	761.58	761.58	1.20	PERIOD
PROPERTY	00043872					
439888.70000	3872165.00000	1.3660580e-02	760.35	760.35	1.20	PERIOD
PROPERTY	00043872					
439890.30000	3872265.00000	1.4405930e-02	759.00	759.00	1.20	PERIOD
PROPERTY	00043872					
439891.90000	3872365.00000	1.5522190e-02	757.00	757.00	1.20	PERIOD
PROPERTY	00043872					
439893.40000	3872465.00000	1.6197790e-02	756.00	756.00	1.20	PERIOD
PROPERTY	00043872					
439895.00000	3872565.00000	1.7821700e-02	754.01	754.01	1.20	PERIOD
PROPERTY	00043872					
439896.60000	3872665.00000	1.9795980e-02	753.00	753.00	1.20	PERIOD
PROPERTY	00043872					
439898.20000	3872765.00000	2.1938740e-02	752.00	752.00	1.20	PERIOD
PROPERTY	00043872					
439899.80000	3872865.00000	2.0362820e-02	751.01	751.01	1.20	PERIOD
PROPERTY	00043872					
439901.30000	3872965.00000	1.9421970e-02	750.00	750.00	1.20	PERIOD
PROPERTY	00043872					
439902.90000	3873065.00000	1.7898210e-02	749.00	749.00	1.20	PERIOD
PROPERTY	00043872					
439903.70000	3873112.00000	1.5187450e-02	748.00	748.00	1.20	PERIOD
PROPERTY	00043872					
439803.70000	3873113.00000	2.0803390e-02	747.95	747.95	1.20	PERIOD
PROPERTY	00043872					
439703.70000	3873114.00000	2.1907730e-02	747.33	747.33	1.20	PERIOD
PROPERTY	00043872					
439603.70000	3873115.00000	2.2362600e-02	746.68	746.68	1.20	PERIOD
PROPERTY	00043872					
439503.70000	3873116.00000	2.2516780e-02	746.00	746.00	1.20	PERIOD
PROPERTY	00043872					
439403.70000	3873117.00000	2.2557210e-02	745.28	745.28	1.20	PERIOD
PROPERTY	00043872					
439303.70000	3873118.00000	2.2551250e-02	744.63	744.63	1.20	PERIOD
PROPERTY	00043872					
439203.70000	3873120.00000	2.2379130e-02	744.00	744.00	1.20	PERIOD
PROPERTY	00043872					
439103.70000	3873121.00000	2.2224250e-02	743.00	743.00	1.20	PERIOD
PROPERTY	00043872					

439003.70000	3873122.00000	2.2067150e-02	742.00	742.00	1.20	PERIOD
PROPERTY	00043872					
438903.70000	3873123.00000	2.2087500e-02	742.00	742.00	1.20	PERIOD
PROPERTY	00043872					
438803.70000	3873124.00000	2.2065460e-02	742.00	742.00	1.20	PERIOD
PROPERTY	00043872					
438703.70000	3873125.00000	2.2092390e-02	742.35	742.35	1.20	PERIOD
PROPERTY	00043872					
438603.70000	3873126.00000	2.2165340e-02	743.00	743.00	1.20	PERIOD
PROPERTY	00043872					
438503.80000	3873127.00000	2.2101630e-02	743.15	743.15	1.20	PERIOD
PROPERTY	00043872					
438403.80000	3873128.00000	2.1984150e-02	743.25	743.25	1.20	PERIOD
PROPERTY	00043872					
438303.80000	3873129.00000	2.1735790e-02	743.00	743.00	1.20	PERIOD
PROPERTY	00043872					
438203.80000	3873130.00000	2.1493650e-02	743.00	743.00	1.20	PERIOD
PROPERTY	00043872					
438103.80000	3873131.00000	2.1171620e-02	743.00	743.00	1.20	PERIOD
PROPERTY	00043872					
438003.80000	3873132.00000	2.0797700e-02	743.00	743.00	1.20	PERIOD
PROPERTY	00043872					
437903.80000	3873133.00000	2.0319450e-02	743.00	743.00	1.20	PERIOD
PROPERTY	00043872					
437803.80000	3873134.00000	1.9681980e-02	743.00	743.00	1.20	PERIOD
PROPERTY	00043872					
437703.80000	3873135.00000	1.8775520e-02	743.00	743.00	1.20	PERIOD
PROPERTY	00043872					
437603.80000	3873137.00000	1.7033250e-02	742.00	742.00	1.20	PERIOD
PROPERTY	00043872					
437503.80000	3873138.00000	1.4232390e-02	742.00	742.00	1.20	PERIOD
PROPERTY	00043872					
437449.40000	3873138.00000	9.7857610e-03	742.00	742.00	1.20	PERIOD
PROPERTY	00043872					
437449.80000	3873038.00000	1.2192700e-02	742.50	742.50	1.20	PERIOD
PROPERTY	00043872					
437450.30000	3872938.00000	1.3043710e-02	743.73	743.73	1.20	PERIOD
PROPERTY	00043872					
437450.80000	3872838.00000	1.3445360e-02	744.00	744.00	1.20	PERIOD
PROPERTY	00043872					
437451.20000	3872738.00000	1.3833590e-02	745.00	745.00	1.20	PERIOD
PROPERTY	00043872					
437451.70000	3872638.00000	1.4126650e-02	745.75	745.75	1.20	PERIOD
PROPERTY	00043872					
437452.10000	3872538.00000	1.4224300e-02	746.00	746.00	1.20	PERIOD
PROPERTY	00043872					
437452.60000	3872438.00000	1.4555930e-02	747.00	747.00	1.20	PERIOD
PROPERTY	00043872					
437453.00000	3872338.00000	1.4480310e-02	747.00	747.00	1.20	PERIOD
PROPERTY	00043872					

437453.50000	3872238.00000	1.4766440e-02	748.00	748.00	1.20	PERIOD
PROPERTY	00043872					
437453.90000	3872138.00000	1.4580190e-02	748.00	748.00	1.20	PERIOD
PROPERTY	00043872					
437454.40000	3872038.00000	1.4600000e-02	748.49	748.49	1.20	PERIOD
PROPERTY	00043872					
437454.80000	3871938.00000	1.4442360e-02	749.00	749.00	1.20	PERIOD
PROPERTY	00043872					
437455.30000	3871838.00000	1.4013440e-02	749.52	749.52	1.20	PERIOD
PROPERTY	00043872					
437455.70000	3871738.00000	1.3445360e-02	750.00	750.00	1.20	PERIOD
PROPERTY	00043872					
437456.20000	3871638.00000	1.2365270e-02	750.00	750.00	1.20	PERIOD
PROPERTY	00043872					
437456.60000	3871538.00000	9.7112970e-03	750.00	750.00	1.20	PERIOD
PROPERTY	00043872					



## *GLC Period Files*

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Project Site 3

\* AERMOD ( 19191): HARP GENERATED FILE  
 09/10/20  
 \* AERMET ( 14134):  
 16:17:54  
 \* MODELING OPTIONS USED: RegDEFAULT CONC ELEV FLGPOL RURAL  
 \* PLOT FILE OF PERIOD VALUES FOR SOURCE GROUP: ALL  
 \* FOR A TOTAL OF 1476 RECEPTORS.  
 \* FORMAT: (3(1X,F13.5),3(1X,F8.2),2X,A6,2X,A8,2X,I8.8,2X,A8)

* X	Y	AVERAGE CONC	ZELEV	ZHILL	ZFLAG	AVE	GRP
NUM HRS	NET ID						
430733.00000	3864761.00000	7.5254500e-05	724.10	724.10	1.20	PERIOD	
CARTGRID 00043872	COURSE						
431233.00000	3864761.00000	8.2510120e-05	725.10	725.10	1.20	PERIOD	
CARTGRID 00043872	COURSE						
431733.00000	3864761.00000	8.4069170e-05	732.00	732.00	1.20	PERIOD	
CARTGRID 00043872	COURSE						
432233.00000	3864761.00000	7.8012830e-05	744.10	744.10	1.20	PERIOD	
CARTGRID 00043872	COURSE						
432733.00000	3864761.00000	6.3261750e-05	754.30	754.30	1.20	PERIOD	
CARTGRID 00043872	COURSE						
433233.00000	3864761.00000	4.7011580e-05	767.80	767.80	1.20	PERIOD	
CARTGRID 00043872	COURSE						
433733.00000	3864761.00000	3.5978250e-05	789.90	789.90	1.20	PERIOD	
CARTGRID 00043872	COURSE						
434233.00000	3864761.00000	3.0281690e-05	818.20	922.00	1.20	PERIOD	
CARTGRID 00043872	COURSE						
434733.00000	3864761.00000	2.9082420e-05	856.60	922.00	1.20	PERIOD	
CARTGRID 00043872	COURSE						
435233.00000	3864761.00000	2.7763210e-05	901.00	909.00	1.20	PERIOD	
CARTGRID 00043872	COURSE						
435733.00000	3864761.00000	2.7823180e-05	903.00	903.00	1.20	PERIOD	
CARTGRID 00043872	COURSE						
436233.00000	3864761.00000	2.7103610e-05	898.00	898.00	1.20	PERIOD	
CARTGRID 00043872	COURSE						
436733.00000	3864761.00000	2.5544560e-05	910.30	910.30	1.20	PERIOD	
CARTGRID 00043872	COURSE						
437233.00000	3864761.00000	2.5004880e-05	893.80	893.80	1.20	PERIOD	
CARTGRID 00043872	COURSE						
437733.00000	3864761.00000	2.2786220e-05	893.80	893.80	1.20	PERIOD	
CARTGRID 00043872	COURSE						
438233.00000	3864761.00000	2.0087850e-05	902.00	902.00	1.20	PERIOD	
CARTGRID 00043872	COURSE						
438733.00000	3864761.00000	1.7869200e-05	917.70	917.70	1.20	PERIOD	
CARTGRID 00043872	COURSE						
439233.00000	3864761.00000	1.5350720e-05	925.70	925.70	1.20	PERIOD	
CARTGRID 00043872	COURSE						

439733.00000	3864761.00000	1.2772280e-05	939.40	939.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
440233.00000	3864761.00000	1.1453080e-05	942.10	942.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
440733.00000	3864761.00000	1.2952170e-05	909.90	932.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
441233.00000	3864761.00000	1.3671730e-05	891.60	891.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
441733.00000	3864761.00000	1.3491840e-05	876.00	876.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
442233.00000	3864761.00000	1.3671730e-05	865.20	865.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
442733.00000	3864761.00000	1.4811040e-05	859.10	859.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
443233.00000	3864761.00000	1.6370100e-05	853.90	853.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
443733.00000	3864761.00000	1.6789850e-05	852.10	852.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
444233.00000	3864761.00000	1.6190210e-05	852.00	852.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
444733.00000	3864761.00000	1.4631150e-05	859.20	859.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
445233.00000	3864761.00000	1.2532420e-05	874.90	874.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
445733.00000	3864761.00000	1.1093290e-05	893.00	893.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
430733.00000	3865261.00000	7.4534940e-05	741.80	774.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
431233.00000	3865261.00000	8.5628230e-05	731.00	731.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
431733.00000	3865261.00000	9.1924420e-05	727.80	727.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
432233.00000	3865261.00000	9.0545260e-05	736.90	736.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
432733.00000	3865261.00000	8.0771160e-05	744.60	744.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
433233.00000	3865261.00000	5.9663930e-05	761.30	761.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
433733.00000	3865261.00000	4.1554880e-05	781.90	933.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
434233.00000	3865261.00000	3.4479160e-05	808.20	961.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
434733.00000	3865261.00000	2.8722640e-05	875.20	933.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
435233.00000	3865261.00000	2.8422820e-05	916.70	916.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
435733.00000	3865261.00000	2.7763210e-05	931.40	941.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
436233.00000	3865261.00000	2.8242920e-05	917.90	917.90	1.20	PERIOD
CARTGRID	00043872	COURSE				

436733.00000	3865261.00000	2.7343470e-05	910.80	946.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
437233.00000	3865261.00000	2.6204160e-05	904.50	904.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
437733.00000	3865261.00000	2.3865570e-05	907.50	907.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
438233.00000	3865261.00000	2.0927350e-05	909.80	909.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
438733.00000	3865261.00000	1.8468830e-05	918.10	918.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
439233.00000	3865261.00000	1.5530610e-05	930.40	930.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
439733.00000	3865261.00000	1.3431880e-05	938.70	938.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
440233.00000	3865261.00000	1.3371910e-05	926.30	926.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
440733.00000	3865261.00000	1.4391300e-05	897.20	915.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
441233.00000	3865261.00000	1.4751080e-05	879.00	879.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
441733.00000	3865261.00000	1.4751080e-05	865.90	865.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
442233.00000	3865261.00000	1.5890390e-05	855.60	855.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
442733.00000	3865261.00000	1.7449450e-05	851.50	851.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
443233.00000	3865261.00000	1.8228980e-05	848.00	848.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
443733.00000	3865261.00000	1.7689310e-05	846.90	846.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
444233.00000	3865261.00000	1.6729890e-05	846.70	846.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
444733.00000	3865261.00000	1.5050900e-05	855.10	855.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
445233.00000	3865261.00000	1.3731700e-05	865.90	865.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
445733.00000	3865261.00000	1.2652350e-05	879.40	910.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
430733.00000	3865761.00000	6.3681490e-05	762.60	766.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
431233.00000	3865761.00000	8.5208480e-05	743.50	743.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
431733.00000	3865761.00000	9.7381130e-05	734.00	734.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
432233.00000	3865761.00000	1.0211830e-04	730.30	730.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
432733.00000	3865761.00000	9.7261200e-05	737.00	737.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
433233.00000	3865761.00000	8.0291460e-05	751.40	751.40	1.20	PERIOD
CARTGRID	00043872	COURSE				

433733.00000	3865761.00000	5.4626970e-05	769.30	941.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
434233.00000	3865761.00000	4.1255060e-05	794.00	961.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
434733.00000	3865761.00000	3.5198720e-05	832.00	961.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
435233.00000	3865761.00000	3.1121180e-05	901.90	961.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
435733.00000	3865761.00000	2.8542740e-05	951.10	961.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
436233.00000	3865761.00000	2.8962490e-05	939.10	971.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
436733.00000	3865761.00000	2.8782600e-05	930.10	957.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
437233.00000	3865761.00000	2.7583320e-05	919.30	926.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
437733.00000	3865761.00000	2.4944920e-05	930.90	964.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
438233.00000	3865761.00000	2.1706880e-05	922.70	964.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
438733.00000	3865761.00000	1.8888580e-05	924.30	945.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
439233.00000	3865761.00000	1.6550000e-05	904.40	904.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
439733.00000	3865761.00000	1.4990940e-05	912.00	930.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
440233.00000	3865761.00000	1.5410680e-05	895.70	928.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
440733.00000	3865761.00000	1.6130250e-05	877.90	916.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
441233.00000	3865761.00000	1.6310140e-05	863.20	863.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
441733.00000	3865761.00000	1.7089670e-05	853.70	853.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
442233.00000	3865761.00000	1.9008510e-05	846.00	846.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
442733.00000	3865761.00000	2.0147820e-05	840.90	840.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
443233.00000	3865761.00000	1.9488220e-05	842.00	842.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
443733.00000	3865761.00000	1.8828620e-05	841.00	841.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
444233.00000	3865761.00000	1.7929160e-05	843.00	843.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
444733.00000	3865761.00000	1.6490030e-05	852.80	852.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
445233.00000	3865761.00000	1.5110860e-05	864.80	864.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
445733.00000	3865761.00000	1.3491840e-05	885.80	885.80	1.20	PERIOD
CARTGRID	00043872	COURSE				

430733.00000	3866261.00000	5.8344730e-05	765.50	765.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
431233.00000	3866261.00000	7.9751780e-05	749.40	749.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
431733.00000	3866261.00000	9.8460470e-05	737.20	737.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
432233.00000	3866261.00000	1.1081300e-04	729.00	729.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
432733.00000	3866261.00000	1.1309160e-04	732.00	732.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
433233.00000	3866261.00000	1.0307770e-04	741.90	741.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
433733.00000	3866261.00000	7.6273890e-05	758.60	961.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
434233.00000	3866261.00000	5.6126060e-05	774.50	961.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
434733.00000	3866261.00000	4.5212670e-05	801.90	971.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
435233.00000	3866261.00000	4.3593640e-05	827.60	971.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
435733.00000	3866261.00000	3.8376800e-05	866.90	971.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
436233.00000	3866261.00000	3.0881330e-05	960.40	960.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
436733.00000	3866261.00000	3.0221730e-05	938.00	972.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
437233.00000	3866261.00000	2.8662670e-05	933.50	1001.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
437733.00000	3866261.00000	2.6683870e-05	931.30	996.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
438233.00000	3866261.00000	2.3325900e-05	901.80	1034.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
438733.00000	3866261.00000	2.0687490e-05	887.20	1034.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
439233.00000	3866261.00000	1.8528800e-05	879.00	879.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
439733.00000	3866261.00000	1.7449450e-05	880.30	928.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
440233.00000	3866261.00000	1.8049090e-05	868.20	927.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
440733.00000	3866261.00000	1.8648730e-05	855.50	855.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
441233.00000	3866261.00000	1.9188400e-05	846.10	846.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
441733.00000	3866261.00000	2.1227170e-05	838.00	838.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
442233.00000	3866261.00000	2.2546370e-05	834.00	834.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
442733.00000	3866261.00000	2.2366480e-05	832.60	832.60	1.20	PERIOD
CARTGRID	00043872	COURSE				

443233.00000	3866261.00000	2.1766840e-05	833.20	833.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
443733.00000	3866261.00000	2.1407060e-05	834.00	834.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
444233.00000	3866261.00000	2.0447640e-05	840.00	840.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
444733.00000	3866261.00000	1.8288940e-05	851.10	851.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
445233.00000	3866261.00000	1.6070280e-05	865.10	865.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
445733.00000	3866261.00000	1.5230790e-05	867.10	867.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
430733.00000	3866761.00000	6.6679680e-05	748.20	748.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
431233.00000	3866761.00000	7.7952870e-05	740.30	740.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
431733.00000	3866761.00000	9.5582210e-05	739.90	750.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
432233.00000	3866761.00000	1.1465070e-04	727.60	727.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
432733.00000	3866761.00000	1.2592390e-04	724.00	724.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
433233.00000	3866761.00000	1.2466460e-04	732.40	732.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
433733.00000	3866761.00000	1.0733510e-04	744.40	941.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
434233.00000	3866761.00000	7.6333850e-05	762.60	961.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
434733.00000	3866761.00000	5.8764470e-05	781.70	971.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
435233.00000	3866761.00000	5.5226610e-05	804.60	971.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
435733.00000	3866761.00000	4.8390750e-05	831.30	1026.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
436233.00000	3866761.00000	4.2394370e-05	871.60	1026.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
436733.00000	3866761.00000	3.4539120e-05	926.00	1026.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
437233.00000	3866761.00000	3.0941290e-05	990.00	1001.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
437733.00000	3866761.00000	2.8722640e-05	925.00	1034.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
438233.00000	3866761.00000	2.4884950e-05	890.10	1034.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
438733.00000	3866761.00000	2.2786220e-05	867.90	1034.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
439233.00000	3866761.00000	2.1347090e-05	858.50	1034.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
439733.00000	3866761.00000	2.1287130e-05	851.80	851.80	1.20	PERIOD
CARTGRID	00043872	COURSE				

440233.00000	3866761.00000	2.2186590e-05	842.40	842.40	1.20	PERIOD
CARTGRID 00043872 COURSE						
440733.00000	3866761.00000	2.2486410e-05	835.50	835.50	1.20	PERIOD
CARTGRID 00043872 COURSE						
441233.00000	3866761.00000	2.4165390e-05	830.50	830.50	1.20	PERIOD
CARTGRID 00043872 COURSE						
441733.00000	3866761.00000	2.5724450e-05	826.50	826.50	1.20	PERIOD
CARTGRID 00043872 COURSE						
442233.00000	3866761.00000	2.5784410e-05	825.50	825.50	1.20	PERIOD
CARTGRID 00043872 COURSE						
442733.00000	3866761.00000	2.6084230e-05	824.00	824.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
443233.00000	3866761.00000	2.5544560e-05	827.10	827.10	1.20	PERIOD
CARTGRID 00043872 COURSE						
443733.00000	3866761.00000	2.3985500e-05	833.80	833.80	1.20	PERIOD
CARTGRID 00043872 COURSE						
444233.00000	3866761.00000	2.2186590e-05	840.00	840.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
444733.00000	3866761.00000	1.9967930e-05	846.50	846.50	1.20	PERIOD
CARTGRID 00043872 COURSE						
445233.00000	3866761.00000	1.7929160e-05	851.60	851.60	1.20	PERIOD
CARTGRID 00043872 COURSE						
445733.00000	3866761.00000	1.6370100e-05	854.90	854.90	1.20	PERIOD
CARTGRID 00043872 COURSE						
430733.00000	3867261.00000	8.1370800e-05	728.10	728.10	1.20	PERIOD
CARTGRID 00043872 COURSE						
431233.00000	3867261.00000	8.3469530e-05	725.90	725.90	1.20	PERIOD
CARTGRID 00043872 COURSE						
431733.00000	3867261.00000	9.4023150e-05	722.80	722.80	1.20	PERIOD
CARTGRID 00043872 COURSE						
432233.00000	3867261.00000	1.1279180e-04	719.00	719.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
432733.00000	3867261.00000	1.3299960e-04	718.10	718.10	1.20	PERIOD
CARTGRID 00043872 COURSE						
433233.00000	3867261.00000	1.4385300e-04	724.00	724.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
433733.00000	3867261.00000	1.3683730e-04	733.40	733.40	1.20	PERIOD
CARTGRID 00043872 COURSE						
434233.00000	3867261.00000	1.1135270e-04	747.90	961.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
434733.00000	3867261.00000	8.5928050e-05	762.60	970.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
435233.00000	3867261.00000	7.5974070e-05	779.90	1026.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
435733.00000	3867261.00000	6.7159400e-05	798.50	1034.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
436233.00000	3867261.00000	5.8164830e-05	823.40	1034.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
436733.00000	3867261.00000	4.4013390e-05	857.60	1034.00	1.20	PERIOD
CARTGRID 00043872 COURSE						



437233.00000	3867261.00000	3.3759590e-05	968.80	1026.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
437733.00000	3867261.00000	3.0101800e-05	991.30	1034.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
438233.00000	3867261.00000	2.5124810e-05	934.10	1034.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
438733.00000	3867261.00000	2.5724450e-05	854.70	1034.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
439233.00000	3867261.00000	2.4884950e-05	843.00	1034.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
439733.00000	3867261.00000	2.5604520e-05	834.80	1034.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
440233.00000	3867261.00000	2.7583320e-05	824.70	824.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
440733.00000	3867261.00000	2.9322270e-05	818.80	818.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
441233.00000	3867261.00000	3.0521550e-05	816.80	816.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
441733.00000	3867261.00000	3.0941290e-05	816.80	816.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
442233.00000	3867261.00000	3.1480970e-05	816.80	816.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
442733.00000	3867261.00000	3.1960680e-05	818.00	818.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
443233.00000	3867261.00000	3.0281690e-05	823.40	823.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
443733.00000	3867261.00000	2.4765030e-05	836.00	836.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
444233.00000	3867261.00000	2.3745640e-05	836.00	836.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
444733.00000	3867261.00000	2.1946730e-05	838.10	838.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
445233.00000	3867261.00000	1.9488220e-05	846.80	846.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
445733.00000	3867261.00000	1.8708690e-05	853.40	853.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
430733.00000	3867761.00000	9.8100690e-05	719.10	719.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
431233.00000	3867761.00000	9.5462290e-05	717.90	717.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
431733.00000	3867761.00000	9.8280580e-05	716.00	716.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
432233.00000	3867761.00000	1.1159250e-04	715.00	715.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
432733.00000	3867761.00000	1.3461860e-04	715.00	715.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
433233.00000	3867761.00000	1.5722490e-04	717.80	717.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
433733.00000	3867761.00000	1.6478040e-04	726.40	726.40	1.20	PERIOD
CARTGRID	00043872	COURSE				

434233.00000	3867761.00000	1.5026910e-04	736.30	736.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
434733.00000	3867761.00000	1.2142660e-04	750.90	965.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
435233.00000	3867761.00000	1.0067910e-04	765.40	1026.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
435733.00000	3867761.00000	8.4788730e-05	785.30	1034.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
436233.00000	3867761.00000	7.7293270e-05	803.70	1034.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
436733.00000	3867761.00000	5.8224800e-05	826.60	1034.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
437233.00000	3867761.00000	4.2154510e-05	873.80	1034.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
437733.00000	3867761.00000	3.2440390e-05	982.60	1034.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
438233.00000	3867761.00000	2.7703250e-05	919.80	1034.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
438733.00000	3867761.00000	2.8962490e-05	846.80	1034.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
439233.00000	3867761.00000	3.0041840e-05	829.00	1034.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
439733.00000	3867761.00000	3.1001250e-05	823.60	1034.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
440233.00000	3867761.00000	3.4299260e-05	813.90	813.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
440733.00000	3867761.00000	3.6697810e-05	809.00	809.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
441233.00000	3867761.00000	3.8076980e-05	809.00	809.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
441733.00000	3867761.00000	3.8676620e-05	810.00	810.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
442233.00000	3867761.00000	3.7297450e-05	814.70	814.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
442733.00000	3867761.00000	3.1780790e-05	825.30	825.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
443233.00000	3867761.00000	2.4944920e-05	840.90	840.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
443733.00000	3867761.00000	2.8182960e-05	829.00	829.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
444233.00000	3867761.00000	2.7823180e-05	828.00	828.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
444733.00000	3867761.00000	2.5484590e-05	835.10	835.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
445233.00000	3867761.00000	2.2546370e-05	849.70	849.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
445733.00000	3867761.00000	2.1227170e-05	860.90	860.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
430733.00000	3868261.00000	1.1860830e-04	709.20	709.20	1.20	PERIOD
CARTGRID	00043872	COURSE				

431233.00000	3868261.00000	1.1638960e-04	710.40	710.40	1.20	PERIOD
CARTGRID 00043872 COURSE						
431733.00000	3868261.00000	1.1441080e-04	711.50	711.50	1.20	PERIOD
CARTGRID 00043872 COURSE						
432233.00000	3868261.00000	1.1854830e-04	711.50	711.50	1.20	PERIOD
CARTGRID 00043872 COURSE						
432733.00000	3868261.00000	1.3575790e-04	711.00	711.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
433233.00000	3868261.00000	1.6376100e-04	713.00	713.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
433733.00000	3868261.00000	1.8792640e-04	719.00	719.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
434233.00000	3868261.00000	1.8930550e-04	729.60	729.60	1.20	PERIOD
CARTGRID 00043872 COURSE						
434733.00000	3868261.00000	1.6609960e-04	741.30	741.30	1.20	PERIOD
CARTGRID 00043872 COURSE						
435233.00000	3868261.00000	1.3563800e-04	754.90	1026.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
435733.00000	3868261.00000	1.1638960e-04	769.60	1034.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
436233.00000	3868261.00000	1.1465070e-04	782.50	1034.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
436733.00000	3868261.00000	8.9525870e-05	801.10	1034.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
437233.00000	3868261.00000	5.5706320e-05	827.20	1034.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
437733.00000	3868261.00000	3.7837130e-05	888.40	1034.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
438233.00000	3868261.00000	3.1001250e-05	913.70	1034.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
438733.00000	3868261.00000	3.3759590e-05	835.40	1034.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
439233.00000	3868261.00000	3.7117560e-05	818.60	1034.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
439733.00000	3868261.00000	3.9576070e-05	811.30	1034.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
440233.00000	3868261.00000	4.4433140e-05	803.50	803.50	1.20	PERIOD
CARTGRID 00043872 COURSE						
440733.00000	3868261.00000	4.9110310e-05	800.50	800.50	1.20	PERIOD
CARTGRID 00043872 COURSE						
441233.00000	3868261.00000	4.8150890e-05	804.00	804.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
441733.00000	3868261.00000	3.9036400e-05	818.60	818.60	1.20	PERIOD
CARTGRID 00043872 COURSE						
442233.00000	3868261.00000	2.9502160e-05	835.80	841.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
442733.00000	3868261.00000	2.6683870e-05	844.60	844.60	1.20	PERIOD
CARTGRID 00043872 COURSE						
443233.00000	3868261.00000	2.9682050e-05	834.10	834.10	1.20	PERIOD
CARTGRID 00043872 COURSE						

443733.00000	3868261.00000	3.2560310e-05	827.20	827.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
444233.00000	3868261.00000	3.4778970e-05	823.00	823.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
444733.00000	3868261.00000	3.1720820e-05	831.20	831.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
445233.00000	3868261.00000	2.8962490e-05	839.40	842.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
445733.00000	3868261.00000	2.6863760e-05	847.90	860.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
430733.00000	3868761.00000	1.3659740e-04	704.40	704.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
431233.00000	3868761.00000	1.4097480e-04	704.10	704.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
431733.00000	3868761.00000	1.4199420e-04	707.60	707.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
432233.00000	3868761.00000	1.4109470e-04	708.00	708.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
432733.00000	3868761.00000	1.4739090e-04	709.00	709.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
433233.00000	3868761.00000	1.7047690e-04	710.00	710.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
433733.00000	3868761.00000	2.0411660e-04	713.00	713.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
434233.00000	3868761.00000	2.2696280e-04	720.90	720.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
434733.00000	3868761.00000	2.2132620e-04	730.60	730.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
435233.00000	3868761.00000	1.9566170e-04	742.80	1026.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
435733.00000	3868761.00000	1.6771860e-04	755.90	1034.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
436233.00000	3868761.00000	1.7347510e-04	767.60	1034.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
436733.00000	3868761.00000	1.3911590e-04	783.30	1034.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
437233.00000	3868761.00000	8.8326600e-05	799.90	1034.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
437733.00000	3868761.00000	5.7205420e-05	815.40	1034.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
438233.00000	3868761.00000	4.4013390e-05	829.60	1034.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
438733.00000	3868761.00000	4.6531870e-05	812.50	1034.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
439233.00000	3868761.00000	4.8690560e-05	806.80	1034.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
439733.00000	3868761.00000	5.1209040e-05	802.50	1025.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
440233.00000	3868761.00000	6.0683310e-05	796.80	796.80	1.20	PERIOD
CARTGRID	00043872	COURSE				

440733.00000	3868761.00000	6.2662110e-05	796.80	796.80	1.20	PERIOD
CARTGRID 00043872 COURSE						
441233.00000	3868761.00000	4.3353790e-05	817.30	823.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
441733.00000	3868761.00000	3.1061220e-05	847.10	847.10	1.20	PERIOD
CARTGRID 00043872 COURSE						
442233.00000	3868761.00000	3.1061220e-05	844.60	844.60	1.20	PERIOD
CARTGRID 00043872 COURSE						
442733.00000	3868761.00000	3.3399810e-05	838.00	838.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
443233.00000	3868761.00000	3.7897090e-05	827.90	827.90	1.20	PERIOD
CARTGRID 00043872 COURSE						
443733.00000	3868761.00000	3.6817740e-05	829.80	829.80	1.20	PERIOD
CARTGRID 00043872 COURSE						
444233.00000	3868761.00000	4.2874080e-05	817.10	817.10	1.20	PERIOD
CARTGRID 00043872 COURSE						
444733.00000	3868761.00000	3.9576070e-05	822.70	822.70	1.20	PERIOD
CARTGRID 00043872 COURSE						
445233.00000	3868761.00000	3.3399810e-05	835.40	835.40	1.20	PERIOD
CARTGRID 00043872 COURSE						
445733.00000	3868761.00000	3.3279880e-05	827.90	827.90	1.20	PERIOD
CARTGRID 00043872 COURSE						
430733.00000	3869261.00000	1.3845630e-04	696.20	696.20	1.20	PERIOD
CARTGRID 00043872 COURSE						
431233.00000	3869261.00000	1.5686520e-04	701.00	701.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
431733.00000	3869261.00000	1.7107660e-04	705.00	705.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
432233.00000	3869261.00000	1.8187000e-04	714.40	714.40	1.20	PERIOD
CARTGRID 00043872 COURSE						
432733.00000	3869261.00000	1.8031100e-04	707.00	707.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
433233.00000	3869261.00000	1.9194400e-04	709.70	709.70	1.20	PERIOD
CARTGRID 00043872 COURSE						
433733.00000	3869261.00000	2.2372470e-04	712.90	712.90	1.20	PERIOD
CARTGRID 00043872 COURSE						
434233.00000	3869261.00000	2.6132200e-04	714.00	714.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
434733.00000	3869261.00000	2.8027060e-04	723.80	723.80	1.20	PERIOD
CARTGRID 00043872 COURSE						
435233.00000	3869261.00000	2.7325480e-04	734.00	734.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
435733.00000	3869261.00000	2.4747040e-04	745.10	1026.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
436233.00000	3869261.00000	2.6707850e-04	757.10	1034.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
436733.00000	3869261.00000	2.1509000e-04	770.10	1034.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
437233.00000	3869261.00000	1.4055500e-04	783.10	1034.00	1.20	PERIOD
CARTGRID 00043872 COURSE						

437733.00000	3869261.00000	6.7279320e-05	812.20	1034.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
438233.00000	3869261.00000	5.3847450e-05	821.50	1034.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
438733.00000	3869261.00000	6.9078240e-05	795.10	1034.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
439233.00000	3869261.00000	6.9557940e-05	795.10	1034.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
439733.00000	3869261.00000	7.5374430e-05	794.00	794.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
440233.00000	3869261.00000	8.3649420e-05	790.10	790.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
440733.00000	3869261.00000	7.2676060e-05	798.70	798.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
441233.00000	3869261.00000	5.3907410e-05	815.50	815.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
441733.00000	3869261.00000	4.7251430e-05	824.40	824.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
442233.00000	3869261.00000	4.6292010e-05	826.10	826.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
442733.00000	3869261.00000	4.6471900e-05	824.10	824.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
443233.00000	3869261.00000	4.8870450e-05	818.00	818.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
443733.00000	3869261.00000	4.5092740e-05	822.80	822.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
444233.00000	3869261.00000	4.4912850e-05	816.80	823.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
444733.00000	3869261.00000	4.1434950e-05	818.00	818.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
445233.00000	3869261.00000	3.4299260e-05	828.20	828.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
445733.00000	3869261.00000	3.2140570e-05	823.00	823.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
430733.00000	3869761.00000	1.2802260e-04	696.00	696.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
431233.00000	3869761.00000	1.5272770e-04	699.10	699.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
431733.00000	3869761.00000	1.8294940e-04	707.00	707.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
432233.00000	3869761.00000	2.0681500e-04	707.00	707.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
432733.00000	3869761.00000	2.2474410e-04	707.00	707.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
433233.00000	3869761.00000	2.4387260e-04	713.00	713.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
433733.00000	3869761.00000	2.6587920e-04	714.00	714.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
434233.00000	3869761.00000	3.0881330e-04	716.00	716.00	1.20	PERIOD
CARTGRID	00043872	COURSE				

434733.00000	3869761.00000	3.5408590e-04	721.00	721.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
435233.00000	3869761.00000	3.6757780e-04	728.40	728.40	1.20	PERIOD
CARTGRID 00043872 COURSE						
435733.00000	3869761.00000	3.6625860e-04	738.10	738.10	1.20	PERIOD
CARTGRID 00043872 COURSE						
436233.00000	3869761.00000	4.3119930e-04	746.90	1015.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
436733.00000	3869761.00000	3.6182120e-04	758.20	1034.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
437233.00000	3869761.00000	2.5034860e-04	766.50	1034.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
437733.00000	3869761.00000	1.3353930e-04	782.90	1034.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
438233.00000	3869761.00000	9.8400510e-05	789.00	1023.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
438733.00000	3869761.00000	1.0367730e-04	785.50	970.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
439233.00000	3869761.00000	1.0787480e-04	786.00	786.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
439733.00000	3869761.00000	1.1704920e-04	784.50	784.50	1.20	PERIOD
CARTGRID 00043872 COURSE						
440233.00000	3869761.00000	1.2388510e-04	783.10	783.10	1.20	PERIOD
CARTGRID 00043872 COURSE						
440733.00000	3869761.00000	9.7980770e-05	794.80	794.80	1.20	PERIOD
CARTGRID 00043872 COURSE						
441233.00000	3869761.00000	8.2929860e-05	802.20	802.20	1.20	PERIOD
CARTGRID 00043872 COURSE						
441733.00000	3869761.00000	7.2616090e-05	806.50	806.50	1.20	PERIOD
CARTGRID 00043872 COURSE						
442233.00000	3869761.00000	6.4760850e-05	810.00	810.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
442733.00000	3869761.00000	5.3487660e-05	823.00	823.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
443233.00000	3869761.00000	5.8284760e-05	810.00	810.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
443733.00000	3869761.00000	5.1808670e-05	811.30	817.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
444233.00000	3869761.00000	4.9709950e-05	805.00	805.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
444733.00000	3869761.00000	4.0595460e-05	814.60	814.60	1.20	PERIOD
CARTGRID 00043872 COURSE						
445233.00000	3869761.00000	3.3279880e-05	830.60	830.60	1.20	PERIOD
CARTGRID 00043872 COURSE						
445733.00000	3869761.00000	3.3759590e-05	814.20	814.20	1.20	PERIOD
CARTGRID 00043872 COURSE						
430733.00000	3870261.00000	1.1477060e-04	698.00	698.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
431233.00000	3870261.00000	1.3845630e-04	700.80	700.80	1.20	PERIOD
CARTGRID 00043872 COURSE						

431733.00000	3870261.00000	1.6813830e-04	702.60	702.60	1.20	PERIOD
CARTGRID 00043872 COURSE						
432233.00000	3870261.00000	2.0645520e-04	707.40	707.40	1.20	PERIOD
CARTGRID 00043872 COURSE						
432733.00000	3870261.00000	2.4483200e-04	707.00	707.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
433233.00000	3870261.00000	2.9136390e-04	713.00	713.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
433733.00000	3870261.00000	3.3507740e-04	714.40	714.40	1.20	PERIOD
CARTGRID 00043872 COURSE						
434233.00000	3870261.00000	3.9096360e-04	718.00	718.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
434733.00000	3870261.00000	4.6375960e-04	722.00	722.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
435233.00000	3870261.00000	5.1610790e-04	728.00	728.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
435733.00000	3870261.00000	5.4776880e-04	735.00	735.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
436233.00000	3870261.00000	6.7813000e-04	742.00	742.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
436733.00000	3870261.00000	5.9256170e-04	750.00	750.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
437233.00000	3870261.00000	4.1608840e-04	758.10	899.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
437733.00000	3870261.00000	2.4345280e-04	767.00	899.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
438233.00000	3870261.00000	1.7941150e-04	774.00	899.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
438733.00000	3870261.00000	1.5950360e-04	780.00	899.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
439233.00000	3870261.00000	1.7275560e-04	779.80	779.80	1.20	PERIOD
CARTGRID 00043872 COURSE						
439733.00000	3870261.00000	1.9788040e-04	774.00	774.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
440233.00000	3870261.00000	1.4517220e-04	786.10	786.10	1.20	PERIOD
CARTGRID 00043872 COURSE						
440733.00000	3870261.00000	1.3192020e-04	786.00	786.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
441233.00000	3870261.00000	1.1363130e-04	788.30	788.30	1.20	PERIOD
CARTGRID 00043872 COURSE						
441733.00000	3870261.00000	9.4502870e-05	795.10	795.10	1.20	PERIOD
CARTGRID 00043872 COURSE						
442233.00000	3870261.00000	7.6213920e-05	806.40	806.40	1.20	PERIOD
CARTGRID 00043872 COURSE						
442733.00000	3870261.00000	7.0877150e-05	803.40	803.40	1.20	PERIOD
CARTGRID 00043872 COURSE						
443233.00000	3870261.00000	6.4580960e-05	798.80	798.80	1.20	PERIOD
CARTGRID 00043872 COURSE						
443733.00000	3870261.00000	5.6245990e-05	798.80	798.80	1.20	PERIOD
CARTGRID 00043872 COURSE						



444233.00000	3870261.00000	5.0849260e-05	798.00	798.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
444733.00000	3870261.00000	4.6711760e-05	798.10	798.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
445233.00000	3870261.00000	4.2574260e-05	801.80	801.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
445733.00000	3870261.00000	4.0955240e-05	799.80	799.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
430733.00000	3870761.00000	1.2442480e-04	700.70	700.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
431233.00000	3870761.00000	1.4061500e-04	701.50	701.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
431733.00000	3870761.00000	1.6705900e-04	707.00	707.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
432233.00000	3870761.00000	1.9997910e-04	707.00	707.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
432733.00000	3870761.00000	2.4483200e-04	709.00	709.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
433233.00000	3870761.00000	3.0275700e-04	712.00	712.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
433733.00000	3870761.00000	3.7525310e-04	715.00	715.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
434233.00000	3870761.00000	4.8150890e-04	719.10	719.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
434733.00000	3870761.00000	6.2578170e-04	723.80	723.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
435233.00000	3870761.00000	7.8696420e-04	728.40	728.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
435733.00000	3870761.00000	9.0563250e-04	734.00	734.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
436233.00000	3870761.00000	1.1353540e-03	740.10	740.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
436733.00000	3870761.00000	9.4682760e-04	747.50	747.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
437233.00000	3870761.00000	5.3781490e-04	762.00	762.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
437733.00000	3870761.00000	3.9042390e-04	765.10	765.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
438233.00000	3870761.00000	2.9634080e-04	773.10	773.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
438733.00000	3870761.00000	2.8992470e-04	773.10	773.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
439233.00000	3870761.00000	2.8860550e-04	770.80	770.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
439733.00000	3870761.00000	2.2792220e-04	776.10	776.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
440233.00000	3870761.00000	1.8600750e-04	779.90	779.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
440733.00000	3870761.00000	1.6178220e-04	780.00	780.00	1.20	PERIOD
CARTGRID	00043872	COURSE				

441233.00000	3870761.00000	1.4079490e-04	780.50	780.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
441733.00000	3870761.00000	1.1345140e-04	786.10	786.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
442233.00000	3870761.00000	1.0007950e-04	783.10	783.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
442733.00000	3870761.00000	8.3529500e-05	786.10	786.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
443233.00000	3870761.00000	7.0877150e-05	791.90	791.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
443733.00000	3870761.00000	6.4520990e-05	792.00	792.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
444233.00000	3870761.00000	5.9603960e-05	792.00	792.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
444733.00000	3870761.00000	5.5586400e-05	792.00	792.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
445233.00000	3870761.00000	5.4027340e-05	787.30	787.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
445733.00000	3870761.00000	5.0069730e-05	787.10	787.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
430733.00000	3871261.00000	1.4918980e-04	701.60	701.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
431233.00000	3871261.00000	1.6478040e-04	704.10	704.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
431733.00000	3871261.00000	1.8702690e-04	707.00	707.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
432233.00000	3871261.00000	2.1754850e-04	707.00	707.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
432733.00000	3871261.00000	2.6707850e-04	710.00	710.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
433233.00000	3871261.00000	3.3807560e-04	713.00	713.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
433733.00000	3871261.00000	4.3293830e-04	715.20	715.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
434233.00000	3871261.00000	5.6911590e-04	720.00	720.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
434733.00000	3871261.00000	7.8966250e-04	724.00	724.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
435233.00000	3871261.00000	1.1982560e-03	729.00	729.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
435733.00000	3871261.00000	1.8607950e-03	734.00	734.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
436233.00000	3871261.00000	2.6825980e-03	737.40	737.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
436733.00000	3871261.00000	2.4305100e-03	743.00	743.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
437233.00000	3871261.00000	1.7022510e-03	749.50	749.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
437733.00000	3871261.00000	9.6907410e-04	756.00	756.00	1.20	PERIOD
CARTGRID	00043872	COURSE				

438233.00000	3871261.00000	6.7057460e-04	761.70	761.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
438733.00000	3871261.00000	5.4069310e-04	762.40	762.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
439233.00000	3871261.00000	3.7597270e-04	769.90	769.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
439733.00000	3871261.00000	3.0089810e-04	771.50	771.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
440233.00000	3871261.00000	2.4489190e-04	772.00	772.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
440733.00000	3871261.00000	2.0081860e-04	772.90	772.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
441233.00000	3871261.00000	1.6382100e-04	774.00	774.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
441733.00000	3871261.00000	1.3863620e-04	774.00	774.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
442233.00000	3871261.00000	1.1980760e-04	776.00	776.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
442733.00000	3871261.00000	1.0391720e-04	780.00	780.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
443233.00000	3871261.00000	9.2224240e-05	783.00	783.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
443733.00000	3871261.00000	8.4069170e-05	783.40	783.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
444233.00000	3871261.00000	7.4235120e-05	786.80	786.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
444733.00000	3871261.00000	6.9617910e-05	783.90	783.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
445233.00000	3871261.00000	6.6499790e-05	780.00	780.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
445733.00000	3871261.00000	6.3561570e-05	777.50	777.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
430733.00000	3871761.00000	1.9296330e-04	704.10	704.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
431233.00000	3871761.00000	2.1317110e-04	705.60	705.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
431733.00000	3871761.00000	2.3793620e-04	707.00	707.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
432233.00000	3871761.00000	2.6851770e-04	707.00	707.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
432733.00000	3871761.00000	3.1654860e-04	710.30	710.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
433233.00000	3871761.00000	3.8982430e-04	713.00	713.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
433733.00000	3871761.00000	5.0633390e-04	715.00	715.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
434233.00000	3871761.00000	7.0043650e-04	719.00	719.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
434733.00000	3871761.00000	1.0394720e-03	724.00	724.00	1.20	PERIOD
CARTGRID	00043872	COURSE				

435233.00000	3871761.00000	1.8067680e-03	728.40	728.40	1.20	PERIOD
CARTGRID 00043872 COURSE						
435733.00000	3871761.00000	5.9771860e-03	733.10	733.10	1.20	PERIOD
CARTGRID 00043872 COURSE						
436233.00000	3871761.00000	2.1963520e-02	738.00	738.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
436733.00000	3871761.00000	1.8051610e-02	742.40	742.40	1.20	PERIOD
CARTGRID 00043872 COURSE						
437233.00000	3871761.00000	1.4644770e-02	747.10	747.10	1.20	PERIOD
CARTGRID 00043872 COURSE						
437733.00000	3871761.00000	2.7634890e-03	752.00	752.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
438233.00000	3871761.00000	1.2579790e-03	756.80	756.80	1.20	PERIOD
CARTGRID 00043872 COURSE						
438733.00000	3871761.00000	7.6975460e-04	761.80	761.80	1.20	PERIOD
CARTGRID 00043872 COURSE						
439233.00000	3871761.00000	5.1508860e-04	766.60	766.60	1.20	PERIOD
CARTGRID 00043872 COURSE						
439733.00000	3871761.00000	3.8142940e-04	768.00	768.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
440233.00000	3871761.00000	3.0173760e-04	767.00	767.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
440733.00000	3871761.00000	2.4141400e-04	767.90	767.90	1.20	PERIOD
CARTGRID 00043872 COURSE						
441233.00000	3871761.00000	2.0471620e-04	767.80	767.80	1.20	PERIOD
CARTGRID 00043872 COURSE						
441733.00000	3871761.00000	1.7629340e-04	768.00	768.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
442233.00000	3871761.00000	1.4787060e-04	771.00	771.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
442733.00000	3871761.00000	1.2520430e-04	774.00	774.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
443233.00000	3871761.00000	1.0925390e-04	775.70	775.70	1.20	PERIOD
CARTGRID 00043872 COURSE						
443733.00000	3871761.00000	9.7561020e-05	777.00	777.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
444233.00000	3871761.00000	8.6167910e-05	780.80	780.80	1.20	PERIOD
CARTGRID 00043872 COURSE						
444733.00000	3871761.00000	8.1670620e-05	778.00	778.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
445233.00000	3871761.00000	7.8672430e-05	774.00	774.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
445733.00000	3871761.00000	7.4415010e-05	771.90	771.90	1.20	PERIOD
CARTGRID 00043872 COURSE						
430733.00000	3872261.00000	2.0555570e-04	705.00	705.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
431233.00000	3872261.00000	2.2996100e-04	706.20	706.20	1.20	PERIOD
CARTGRID 00043872 COURSE						
431733.00000	3872261.00000	2.5874360e-04	707.00	707.00	1.20	PERIOD
CARTGRID 00043872 COURSE						

432233.00000	3872261.00000	2.9538140e-04	709.00	709.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
432733.00000	3872261.00000	3.4263280e-04	710.90	710.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
433233.00000	3872261.00000	4.1045180e-04	712.80	712.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
433733.00000	3872261.00000	5.2114490e-04	715.00	715.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
434233.00000	3872261.00000	7.2873940e-04	719.00	719.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
434733.00000	3872261.00000	1.1238400e-03	723.00	723.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
435233.00000	3872261.00000	2.0324710e-03	728.00	728.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
435733.00000	3872261.00000	6.9963300e-03	733.00	733.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
436233.00000	3872261.00000	2.7765070e-02	737.20	737.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
436733.00000	3872261.00000	2.2182270e-02	741.40	741.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
437233.00000	3872261.00000	1.7918010e-02	746.00	746.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
437733.00000	3872261.00000	4.2095750e-03	750.00	750.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
438233.00000	3872261.00000	1.7809830e-03	752.00	752.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
438733.00000	3872261.00000	9.9731700e-04	753.00	753.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
439233.00000	3872261.00000	6.4868780e-04	755.10	755.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
439733.00000	3872261.00000	4.6070150e-04	758.10	758.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
440233.00000	3872261.00000	3.5360620e-04	760.00	760.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
440733.00000	3872261.00000	2.8278900e-04	761.10	761.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
441233.00000	3872261.00000	2.3529770e-04	761.00	761.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
441733.00000	3872261.00000	1.9656120e-04	763.20	763.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
442233.00000	3872261.00000	1.6322130e-04	767.80	767.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
442733.00000	3872261.00000	1.4361320e-04	768.00	768.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
443233.00000	3872261.00000	1.2646360e-04	769.10	769.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
443733.00000	3872261.00000	1.1129270e-04	771.10	771.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
444233.00000	3872261.00000	9.7920800e-05	774.00	774.00	1.20	PERIOD
CARTGRID	00043872	COURSE				

444733.00000	3872261.00000	8.9705770e-05	774.00	774.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
445233.00000	3872261.00000	8.6167910e-05	770.00	770.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
445733.00000	3872261.00000	8.2030400e-05	767.00	767.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
430733.00000	3872761.00000	1.8996510e-04	706.40	706.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
431233.00000	3872761.00000	2.1401060e-04	707.60	707.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
431733.00000	3872761.00000	2.4747040e-04	709.00	709.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
432233.00000	3872761.00000	2.9256310e-04	709.00	709.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
432733.00000	3872761.00000	3.5774370e-04	711.00	711.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
433233.00000	3872761.00000	4.4696980e-04	713.00	713.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
433733.00000	3872761.00000	5.6713710e-04	715.00	715.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
434233.00000	3872761.00000	7.4576910e-04	718.00	718.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
434733.00000	3872761.00000	1.0654960e-03	722.00	722.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
435233.00000	3872761.00000	1.9165010e-03	727.00	727.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
435733.00000	3872761.00000	6.7211570e-03	732.00	732.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
436233.00000	3872761.00000	3.2282560e-02	736.00	736.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
436733.00000	3872761.00000	2.4310440e-02	739.70	739.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
437233.00000	3872761.00000	1.9370150e-02	744.00	744.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
437733.00000	3872761.00000	4.8553250e-03	746.00	746.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
438233.00000	3872761.00000	2.0932740e-03	747.50	747.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
438733.00000	3872761.00000	1.1555610e-03	747.00	747.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
439233.00000	3872761.00000	7.1548740e-04	748.00	748.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
439733.00000	3872761.00000	4.8996380e-04	751.70	751.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
440233.00000	3872761.00000	3.7015620e-04	753.50	753.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
440733.00000	3872761.00000	2.9412220e-04	755.00	755.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
441233.00000	3872761.00000	2.4171390e-04	756.50	756.50	1.20	PERIOD
CARTGRID	00043872	COURSE				

441733.00000	3872761.00000	2.0201790e-04	759.10	759.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
442233.00000	3872761.00000	1.7149630e-04	761.90	761.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
442733.00000	3872761.00000	1.4960960e-04	763.00	763.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
443233.00000	3872761.00000	1.3198020e-04	764.00	764.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
443733.00000	3872761.00000	1.1638960e-04	766.00	766.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
444233.00000	3872761.00000	1.0409710e-04	767.00	767.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
444733.00000	3872761.00000	9.3843260e-05	767.50	767.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
445233.00000	3872761.00000	8.6527690e-05	765.60	765.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
445733.00000	3872761.00000	8.0771160e-05	762.00	762.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
430733.00000	3873261.00000	1.8312930e-04	707.20	707.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
431233.00000	3873261.00000	2.1317110e-04	709.60	709.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
431733.00000	3873261.00000	2.4687070e-04	709.00	709.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
432233.00000	3873261.00000	2.8764610e-04	709.00	709.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
432733.00000	3873261.00000	3.3855530e-04	711.20	711.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
433233.00000	3873261.00000	4.0025800e-04	713.00	713.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
433733.00000	3873261.00000	4.8402740e-04	715.00	715.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
434233.00000	3873261.00000	6.1744670e-04	718.00	718.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
434733.00000	3873261.00000	8.7133320e-04	721.00	721.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
435233.00000	3873261.00000	1.4931570e-03	725.00	725.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
435733.00000	3873261.00000	4.3146310e-03	729.00	729.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
436233.00000	3873261.00000	1.4850260e-02	733.00	733.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
436733.00000	3873261.00000	1.4505350e-02	737.40	737.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
437233.00000	3873261.00000	1.2081910e-02	739.40	739.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
437733.00000	3873261.00000	4.1801930e-03	740.10	740.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
438233.00000	3873261.00000	2.0292930e-03	741.50	741.50	1.20	PERIOD
CARTGRID	00043872	COURSE				

438733.00000	3873261.00000	1.1823050e-03	741.50	741.50	1.20	PERIOD
CARTGRID 00043872 COURSE						
439233.00000	3873261.00000	7.4133180e-04	743.30	743.30	1.20	PERIOD
CARTGRID 00043872 COURSE						
439733.00000	3873261.00000	4.8936410e-04	745.50	745.50	1.20	PERIOD
CARTGRID 00043872 COURSE						
440233.00000	3873261.00000	3.4503140e-04	747.90	747.90	1.20	PERIOD
CARTGRID 00043872 COURSE						
440733.00000	3873261.00000	2.6300100e-04	750.20	750.20	1.20	PERIOD
CARTGRID 00043872 COURSE						
441233.00000	3873261.00000	2.1245150e-04	752.10	752.10	1.20	PERIOD
CARTGRID 00043872 COURSE						
441733.00000	3873261.00000	1.7785250e-04	753.10	753.10	1.20	PERIOD
CARTGRID 00043872 COURSE						
442233.00000	3873261.00000	1.5152840e-04	755.30	755.30	1.20	PERIOD
CARTGRID 00043872 COURSE						
442733.00000	3873261.00000	1.3108070e-04	758.00	758.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
443233.00000	3873261.00000	1.1543020e-04	759.70	759.70	1.20	PERIOD
CARTGRID 00043872 COURSE						
443733.00000	3873261.00000	1.0361730e-04	759.50	759.50	1.20	PERIOD
CARTGRID 00043872 COURSE						
444233.00000	3873261.00000	9.3243620e-05	760.70	760.70	1.20	PERIOD
CARTGRID 00043872 COURSE						
444733.00000	3873261.00000	8.4728770e-05	761.70	761.70	1.20	PERIOD
CARTGRID 00043872 COURSE						
445233.00000	3873261.00000	7.8792360e-05	759.20	759.20	1.20	PERIOD
CARTGRID 00043872 COURSE						
445733.00000	3873261.00000	7.3335660e-05	757.40	757.40	1.20	PERIOD
CARTGRID 00043872 COURSE						
430733.00000	3873761.00000	1.8252960e-04	709.90	709.90	1.20	PERIOD
CARTGRID 00043872 COURSE						
431233.00000	3873761.00000	2.0735460e-04	710.40	710.40	1.20	PERIOD
CARTGRID 00043872 COURSE						
431733.00000	3873761.00000	2.3481800e-04	711.40	711.40	1.20	PERIOD
CARTGRID 00043872 COURSE						
432233.00000	3873761.00000	2.6473990e-04	712.30	712.30	1.20	PERIOD
CARTGRID 00043872 COURSE						
432733.00000	3873761.00000	3.0125790e-04	713.20	713.20	1.20	PERIOD
CARTGRID 00043872 COURSE						
433233.00000	3873761.00000	3.4952870e-04	714.40	714.40	1.20	PERIOD
CARTGRID 00043872 COURSE						
433733.00000	3873761.00000	4.1944640e-04	716.00	716.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
434233.00000	3873761.00000	5.2756110e-04	718.40	718.40	1.20	PERIOD
CARTGRID 00043872 COURSE						
434733.00000	3873761.00000	7.1674670e-04	720.80	720.80	1.20	PERIOD
CARTGRID 00043872 COURSE						
435233.00000	3873761.00000	1.1388310e-03	724.30	724.30	1.20	PERIOD
CARTGRID 00043872 COURSE						



435733.00000	3873761.00000	2.2374870e-03	727.90	727.90	1.20	PERIOD
CARTGRID 00043872 COURSE						
436233.00000	3873761.00000	3.2924900e-03	730.80	730.80	1.20	PERIOD
CARTGRID 00043872 COURSE						
436733.00000	3873761.00000	3.8114160e-03	734.40	734.40	1.20	PERIOD
CARTGRID 00043872 COURSE						
437233.00000	3873761.00000	3.4336440e-03	735.80	735.80	1.20	PERIOD
CARTGRID 00043872 COURSE						
437733.00000	3873761.00000	2.4586330e-03	737.70	737.70	1.20	PERIOD
CARTGRID 00043872 COURSE						
438233.00000	3873761.00000	1.7131640e-03	737.60	737.60	1.20	PERIOD
CARTGRID 00043872 COURSE						
438733.00000	3873761.00000	1.1258790e-03	737.90	737.90	1.20	PERIOD
CARTGRID 00043872 COURSE						
439233.00000	3873761.00000	7.5134580e-04	740.60	740.60	1.20	PERIOD
CARTGRID 00043872 COURSE						
439733.00000	3873761.00000	5.1532840e-04	743.30	743.30	1.20	PERIOD
CARTGRID 00043872 COURSE						
440233.00000	3873761.00000	3.5954260e-04	745.00	745.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
440733.00000	3873761.00000	2.5856370e-04	746.50	746.50	1.20	PERIOD
CARTGRID 00043872 COURSE						
441233.00000	3873761.00000	1.9668110e-04	748.60	748.60	1.20	PERIOD
CARTGRID 00043872 COURSE						
441733.00000	3873761.00000	1.5926370e-04	750.50	750.50	1.20	PERIOD
CARTGRID 00043872 COURSE						
442233.00000	3873761.00000	1.3455860e-04	753.10	753.10	1.20	PERIOD
CARTGRID 00043872 COURSE						
442733.00000	3873761.00000	1.1656950e-04	755.30	755.30	1.20	PERIOD
CARTGRID 00043872 COURSE						
443233.00000	3873761.00000	1.0319760e-04	754.80	754.80	1.20	PERIOD
CARTGRID 00043872 COURSE						
443733.00000	3873761.00000	9.2464100e-05	755.40	755.40	1.20	PERIOD
CARTGRID 00043872 COURSE						
444233.00000	3873761.00000	8.3649420e-05	756.90	756.90	1.20	PERIOD
CARTGRID 00043872 COURSE						
444733.00000	3873761.00000	7.6633670e-05	757.10	757.10	1.20	PERIOD
CARTGRID 00043872 COURSE						
445233.00000	3873761.00000	7.0817190e-05	756.40	756.40	1.20	PERIOD
CARTGRID 00043872 COURSE						
445733.00000	3873761.00000	6.5600340e-05	757.40	757.40	1.20	PERIOD
CARTGRID 00043872 COURSE						
430733.00000	3874261.00000	1.9032490e-04	710.20	710.20	1.20	PERIOD
CARTGRID 00043872 COURSE						
431233.00000	3874261.00000	2.0921350e-04	711.10	711.10	1.20	PERIOD
CARTGRID 00043872 COURSE						
431733.00000	3874261.00000	2.3074050e-04	713.20	713.20	1.20	PERIOD
CARTGRID 00043872 COURSE						
432233.00000	3874261.00000	2.5316690e-04	713.50	713.50	1.20	PERIOD
CARTGRID 00043872 COURSE						

432733.00000	3874261.00000	2.7895130e-04	715.70	715.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
433233.00000	3874261.00000	3.0629480e-04	715.70	715.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
433733.00000	3874261.00000	3.5042810e-04	717.50	717.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
434233.00000	3874261.00000	4.4367180e-04	719.30	719.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
434733.00000	3874261.00000	6.3045880e-04	721.20	721.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
435233.00000	3874261.00000	9.8388510e-04	724.00	724.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
435733.00000	3874261.00000	1.6018110e-03	727.40	727.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
436233.00000	3874261.00000	1.9448640e-03	728.20	728.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
436733.00000	3874261.00000	2.0384670e-03	731.40	731.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
437233.00000	3874261.00000	1.7941750e-03	732.90	732.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
437733.00000	3874261.00000	1.4876410e-03	734.30	734.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
438233.00000	3874261.00000	1.2480850e-03	736.70	736.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
438733.00000	3874261.00000	9.6709530e-04	743.80	743.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
439233.00000	3874261.00000	6.3423660e-04	760.00	762.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
439733.00000	3874261.00000	5.2750110e-04	750.60	750.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
440233.00000	3874261.00000	4.0541490e-04	744.90	744.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
440733.00000	3874261.00000	2.9376240e-04	749.20	755.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
441233.00000	3874261.00000	2.1742850e-04	749.40	749.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
441733.00000	3874261.00000	1.6370100e-04	752.00	752.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
442233.00000	3874261.00000	1.3024130e-04	753.60	753.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
442733.00000	3874261.00000	1.0943380e-04	754.50	754.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
443233.00000	3874261.00000	9.5642170e-05	755.50	755.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
443733.00000	3874261.00000	8.5148520e-05	757.30	757.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
444233.00000	3874261.00000	7.6813560e-05	758.30	758.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
444733.00000	3874261.00000	7.0037660e-05	758.30	758.30	1.20	PERIOD
CARTGRID	00043872	COURSE				

445233.00000	3874261.00000	6.4401070e-05	759.50	759.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
445733.00000	3874261.00000	5.9544000e-05	761.40	761.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
430733.00000	3874761.00000	1.8049090e-04	711.10	711.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
431233.00000	3874761.00000	1.8918560e-04	712.90	712.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
431733.00000	3874761.00000	1.9883980e-04	714.50	714.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
432233.00000	3874761.00000	2.0999300e-04	716.30	716.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
432733.00000	3874761.00000	2.2612330e-04	716.60	716.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
433233.00000	3874761.00000	2.5802400e-04	717.70	717.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
433733.00000	3874761.00000	3.2122580e-04	718.70	718.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
434233.00000	3874761.00000	4.3629620e-04	719.40	719.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
434733.00000	3874761.00000	6.1906570e-04	721.80	721.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
435233.00000	3874761.00000	8.8272630e-04	723.90	723.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
435733.00000	3874761.00000	1.2460470e-03	725.50	725.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
436233.00000	3874761.00000	1.3862420e-03	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
436733.00000	3874761.00000	1.3579390e-03	730.70	730.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
437233.00000	3874761.00000	1.1334350e-03	732.70	732.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
437733.00000	3874761.00000	9.8646360e-04	734.60	734.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
438233.00000	3874761.00000	8.4740770e-04	742.30	742.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
438733.00000	3874761.00000	6.8250740e-04	753.50	753.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
439233.00000	3874761.00000	4.7821090e-04	773.70	789.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
439733.00000	3874761.00000	3.8784550e-04	781.80	806.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
440233.00000	3874761.00000	4.1680800e-04	749.80	806.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
440733.00000	3874761.00000	3.3219920e-04	748.90	748.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
441233.00000	3874761.00000	2.5232740e-04	752.50	752.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
441733.00000	3874761.00000	1.9086460e-04	756.00	756.00	1.20	PERIOD
CARTGRID	00043872	COURSE				

442233.00000	3874761.00000	1.4631150e-04	757.80	757.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
442733.00000	3874761.00000	1.1549020e-04	759.20	759.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
443233.00000	3874761.00000	9.5822060e-05	757.80	757.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
443733.00000	3874761.00000	8.2270260e-05	760.20	760.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
444233.00000	3874761.00000	7.3035840e-05	762.50	762.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
444733.00000	3874761.00000	6.6080050e-05	761.80	761.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
445233.00000	3874761.00000	6.0143640e-05	762.30	762.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
445733.00000	3874761.00000	5.4986760e-05	765.10	765.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
430733.00000	3875261.00000	1.4960960e-04	712.60	712.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
431233.00000	3875261.00000	1.5620560e-04	713.80	713.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
431733.00000	3875261.00000	1.6549990e-04	716.30	716.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
432233.00000	3875261.00000	1.8097060e-04	717.30	717.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
432733.00000	3875261.00000	2.0903360e-04	718.70	718.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
433233.00000	3875261.00000	2.5544550e-04	719.80	719.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
433733.00000	3875261.00000	3.3573700e-04	721.70	721.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
434233.00000	3875261.00000	4.4583050e-04	721.80	721.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
434733.00000	3875261.00000	6.0077680e-04	723.00	723.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
435233.00000	3875261.00000	7.8810350e-04	724.50	724.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
435733.00000	3875261.00000	1.0222620e-03	725.70	725.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
436233.00000	3875261.00000	1.0633970e-03	728.70	728.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
436733.00000	3875261.00000	1.0186640e-03	731.50	731.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
437233.00000	3875261.00000	8.0591270e-04	734.50	734.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
437733.00000	3875261.00000	7.1428820e-04	736.60	736.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
438233.00000	3875261.00000	6.1450850e-04	744.20	744.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
438733.00000	3875261.00000	4.9392130e-04	757.50	757.50	1.20	PERIOD
CARTGRID	00043872	COURSE				

439233.00000	3875261.00000	3.9270260e-04	769.90	769.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
439733.00000	3875261.00000	3.4617070e-04	773.70	777.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
440233.00000	3875261.00000	3.8100960e-04	753.10	753.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
440733.00000	3875261.00000	3.2620280e-04	754.80	754.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
441233.00000	3875261.00000	2.5664490e-04	762.60	762.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
441733.00000	3875261.00000	2.0087860e-04	767.40	767.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
442233.00000	3875261.00000	1.6669920e-04	764.10	764.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
442733.00000	3875261.00000	1.3455860e-04	762.30	762.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
443233.00000	3875261.00000	1.0715520e-04	763.20	763.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
443733.00000	3875261.00000	8.7487100e-05	763.80	763.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
444233.00000	3875261.00000	7.3575520e-05	767.30	767.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
444733.00000	3875261.00000	6.5000700e-05	767.80	767.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
445233.00000	3875261.00000	5.8764470e-05	771.20	771.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
445733.00000	3875261.00000	5.3967370e-05	772.70	772.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
430733.00000	3875761.00000	1.2970160e-04	714.90	714.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
431233.00000	3875761.00000	1.3857620e-04	716.10	716.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
431733.00000	3875761.00000	1.5392690e-04	717.30	717.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
432233.00000	3875761.00000	1.7803240e-04	719.30	719.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
432733.00000	3875761.00000	2.1221170e-04	720.50	720.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
433233.00000	3875761.00000	2.6803800e-04	722.30	722.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
433733.00000	3875761.00000	3.4790970e-04	724.40	724.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
434233.00000	3875761.00000	4.4882870e-04	723.90	723.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
434733.00000	3875761.00000	5.7163440e-04	725.40	725.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
435233.00000	3875761.00000	7.0391440e-04	725.40	725.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
435733.00000	3875761.00000	8.6329800e-04	726.80	726.80	1.20	PERIOD
CARTGRID	00043872	COURSE				

436233.00000	3875761.00000	8.5568270e-04	728.60	728.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
436733.00000	3875761.00000	8.1178920e-04	732.60	732.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
437233.00000	3875761.00000	6.2392280e-04	736.30	736.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
437733.00000	3875761.00000	5.4914800e-04	737.60	737.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
438233.00000	3875761.00000	4.6789710e-04	747.70	747.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
438733.00000	3875761.00000	4.0997210e-04	754.60	754.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
439233.00000	3875761.00000	3.0329660e-04	772.00	790.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
439733.00000	3875761.00000	3.2488360e-04	760.90	760.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
440233.00000	3875761.00000	3.1636870e-04	755.50	755.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
440733.00000	3875761.00000	2.7643290e-04	762.00	762.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
441233.00000	3875761.00000	1.9716080e-04	793.80	796.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
441733.00000	3875761.00000	1.7311530e-04	794.60	810.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
442233.00000	3875761.00000	1.6819830e-04	775.50	812.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
442733.00000	3875761.00000	1.5236790e-04	766.60	766.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
443233.00000	3875761.00000	1.2184630e-04	770.00	770.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
443733.00000	3875761.00000	9.9719710e-05	770.00	770.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
444233.00000	3875761.00000	8.1790550e-05	770.80	770.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
444733.00000	3875761.00000	6.6859570e-05	777.70	777.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
445233.00000	3875761.00000	5.7805050e-05	780.40	780.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
445733.00000	3875761.00000	5.2588210e-05	777.20	777.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
430733.00000	3876261.00000	1.2244600e-04	717.20	717.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
431233.00000	3876261.00000	1.3635760e-04	718.40	718.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
431733.00000	3876261.00000	1.5488640e-04	719.30	719.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
432233.00000	3876261.00000	1.8049090e-04	720.50	720.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
432733.00000	3876261.00000	2.2060660e-04	722.10	722.10	1.20	PERIOD
CARTGRID	00043872	COURSE				

433233.00000	3876261.00000	2.7943110e-04	724.20	724.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
433733.00000	3876261.00000	3.5582490e-04	725.60	725.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
434233.00000	3876261.00000	4.3953430e-04	726.40	726.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
434733.00000	3876261.00000	5.3259800e-04	727.00	727.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
435233.00000	3876261.00000	6.3501610e-04	727.90	727.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
435733.00000	3876261.00000	7.4600900e-04	728.90	728.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
436233.00000	3876261.00000	7.1584720e-04	731.20	731.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
436733.00000	3876261.00000	6.6595740e-04	734.00	734.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
437233.00000	3876261.00000	5.0021760e-04	741.20	741.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
437733.00000	3876261.00000	4.3899460e-04	740.90	740.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
438233.00000	3876261.00000	3.9468140e-04	742.70	742.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
438733.00000	3876261.00000	3.5900300e-04	749.20	749.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
439233.00000	3876261.00000	2.8200950e-04	764.20	801.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
439733.00000	3876261.00000	2.4962910e-04	768.50	801.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
440233.00000	3876261.00000	2.4537170e-04	763.90	763.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
440733.00000	3876261.00000	2.3044070e-04	764.20	764.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
441233.00000	3876261.00000	2.0483610e-04	771.70	771.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
441733.00000	3876261.00000	1.7569380e-04	783.70	783.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
442233.00000	3876261.00000	1.7197600e-04	774.90	812.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
442733.00000	3876261.00000	1.5860410e-04	771.50	771.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
443233.00000	3876261.00000	1.3198020e-04	776.10	776.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
443733.00000	3876261.00000	1.0979360e-04	778.60	778.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
444233.00000	3876261.00000	9.1864460e-05	778.60	778.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
444733.00000	3876261.00000	7.7533130e-05	777.10	777.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
445233.00000	3876261.00000	6.2662110e-05	786.30	786.30	1.20	PERIOD
CARTGRID	00043872	COURSE				

445733.00000	3876261.00000	5.4986760e-05	782.20	782.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
430733.00000	3876761.00000	1.2202620e-04	718.40	718.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
431233.00000	3876761.00000	1.3671730e-04	720.00	720.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
431733.00000	3876761.00000	1.5668530e-04	721.10	721.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
432233.00000	3876761.00000	1.8660720e-04	722.00	722.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
432733.00000	3876761.00000	2.3092040e-04	723.90	723.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
433233.00000	3876761.00000	2.9052440e-04	725.10	725.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
433733.00000	3876761.00000	3.5324640e-04	727.20	727.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
434233.00000	3876761.00000	4.2340400e-04	728.40	728.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
434733.00000	3876761.00000	4.8750530e-04	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
435233.00000	3876761.00000	5.7643150e-04	728.60	728.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
435733.00000	3876761.00000	6.5186590e-04	730.90	730.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
436233.00000	3876761.00000	6.1312930e-04	734.30	734.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
436733.00000	3876761.00000	5.5502440e-04	737.10	737.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
437233.00000	3876761.00000	4.1165110e-04	746.60	746.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
437733.00000	3876761.00000	3.4407200e-04	750.90	750.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
438233.00000	3876761.00000	3.2554320e-04	746.40	746.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
438733.00000	3876761.00000	2.9658070e-04	749.80	749.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
439233.00000	3876761.00000	2.7505370e-04	756.10	756.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
439733.00000	3876761.00000	2.3649700e-04	763.40	763.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
440233.00000	3876761.00000	1.9194400e-04	774.20	774.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
440733.00000	3876761.00000	1.8876590e-04	769.30	769.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
441233.00000	3876761.00000	1.8199000e-04	768.10	768.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
441733.00000	3876761.00000	1.7197600e-04	770.50	770.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
442233.00000	3876761.00000	1.6094270e-04	773.50	773.50	1.20	PERIOD
CARTGRID	00043872	COURSE				



442733.00000	3876761.00000	1.4883000e-04	776.40	776.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
443233.00000	3876761.00000	1.3192020e-04	780.90	780.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
443733.00000	3876761.00000	1.1399110e-04	785.90	785.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
444233.00000	3876761.00000	1.0007950e-04	785.80	785.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
444733.00000	3876761.00000	8.7127320e-05	783.30	783.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
445233.00000	3876761.00000	7.2616090e-05	786.30	786.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
445733.00000	3876761.00000	6.1822620e-05	786.10	786.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
430733.00000	3877261.00000	1.2166640e-04	720.50	720.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
431233.00000	3877261.00000	1.3827640e-04	722.10	722.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
431733.00000	3877261.00000	1.6196210e-04	723.60	723.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
432233.00000	3877261.00000	1.9554180e-04	724.20	724.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
432733.00000	3877261.00000	2.4219360e-04	725.40	725.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
433233.00000	3877261.00000	2.9430210e-04	727.40	727.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
433733.00000	3877261.00000	3.4503140e-04	729.20	729.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
434233.00000	3877261.00000	4.0211690e-04	731.50	731.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
434733.00000	3877261.00000	4.4744950e-04	732.30	732.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
435233.00000	3877261.00000	5.3007950e-04	732.40	732.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
435733.00000	3877261.00000	5.7379310e-04	733.50	733.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
436233.00000	3877261.00000	5.3565620e-04	736.20	736.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
436733.00000	3877261.00000	4.6897650e-04	738.80	738.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
437233.00000	3877261.00000	3.7777160e-04	737.60	737.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
437733.00000	3877261.00000	3.1037240e-04	749.00	749.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
438233.00000	3877261.00000	2.7763210e-04	749.60	749.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
438733.00000	3877261.00000	2.4285320e-04	753.70	753.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
439233.00000	3877261.00000	2.3247940e-04	757.30	757.30	1.20	PERIOD
CARTGRID	00043872	COURSE				

439733.00000	3877261.00000	2.1335100e-04	762.80	762.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
440233.00000	3877261.00000	1.9218380e-04	765.40	765.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
440733.00000	3877261.00000	1.5998330e-04	774.30	774.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
441233.00000	3877261.00000	1.4984940e-04	775.60	775.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
441733.00000	3877261.00000	1.4427280e-04	775.20	775.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
442233.00000	3877261.00000	1.3689720e-04	778.70	778.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
442733.00000	3877261.00000	1.2826250e-04	783.50	783.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
443233.00000	3877261.00000	1.1842840e-04	789.40	789.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
443733.00000	3877261.00000	1.0787480e-04	794.50	794.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
444233.00000	3877261.00000	9.8640370e-05	795.90	795.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
444733.00000	3877261.00000	9.2763920e-05	789.40	789.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
445233.00000	3877261.00000	8.1310840e-05	790.70	790.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
445733.00000	3877261.00000	6.9857760e-05	791.70	791.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
430733.00000	3877761.00000	1.2364520e-04	723.00	723.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
431233.00000	3877761.00000	1.4313350e-04	725.50	725.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
431733.00000	3877761.00000	1.6921770e-04	726.30	726.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
432233.00000	3877761.00000	2.0525590e-04	726.50	726.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
432733.00000	3877761.00000	2.5004880e-04	727.60	727.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
433233.00000	3877761.00000	2.9076420e-04	729.00	729.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
433733.00000	3877761.00000	3.3363830e-04	732.50	732.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
434233.00000	3877761.00000	3.7489330e-04	733.40	733.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
434733.00000	3877761.00000	4.1339010e-04	733.30	733.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
435233.00000	3877761.00000	4.8528660e-04	733.30	733.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
435733.00000	3877761.00000	5.0867240e-04	735.90	735.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
436233.00000	3877761.00000	4.7089530e-04	740.40	740.40	1.20	PERIOD
CARTGRID	00043872	COURSE				

436733.00000	3877761.00000	3.5468560e-04	680.00	795.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
437233.00000	3877761.00000	2.7811180e-04	616.00	797.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
437733.00000	3877761.00000	2.5424630e-04	666.00	780.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
438233.00000	3877761.00000	2.4411240e-04	752.90	752.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
438733.00000	3877761.00000	2.0555570e-04	755.90	755.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
439233.00000	3877761.00000	1.9116440e-04	762.00	762.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
439733.00000	3877761.00000	1.8151030e-04	766.00	766.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
440233.00000	3877761.00000	1.5746480e-04	773.40	773.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
440733.00000	3877761.00000	1.3323940e-04	782.90	782.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
441233.00000	3877761.00000	1.2880210e-04	781.00	781.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
441733.00000	3877761.00000	1.2334540e-04	781.40	781.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
442233.00000	3877761.00000	1.1465070e-04	787.60	787.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
442733.00000	3877761.00000	1.0817460e-04	794.30	794.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
443233.00000	3877761.00000	1.0127880e-04	802.10	802.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
443733.00000	3877761.00000	9.6601590e-05	804.30	804.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
444233.00000	3877761.00000	9.1504680e-05	805.20	805.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
444733.00000	3877761.00000	8.9106130e-05	798.30	798.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
445233.00000	3877761.00000	8.2570080e-05	798.20	798.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
445733.00000	3877761.00000	7.5674250e-05	796.70	796.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
430733.00000	3878261.00000	1.2790270e-04	725.30	725.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
431233.00000	3878261.00000	1.4853020e-04	728.10	728.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
431733.00000	3878261.00000	1.7719290e-04	730.00	730.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
432233.00000	3878261.00000	2.1485010e-04	729.30	729.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
432733.00000	3878261.00000	2.5178780e-04	730.00	730.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
433233.00000	3878261.00000	2.8260910e-04	731.30	731.30	1.20	PERIOD
CARTGRID	00043872	COURSE				

433733.00000	3878261.00000	3.1774790e-04	734.00	734.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
434233.00000	3878261.00000	3.4760980e-04	735.70	735.70	1.20	PERIOD
CARTGRID 00043872 COURSE						
434733.00000	3878261.00000	3.8370800e-04	736.40	736.40	1.20	PERIOD
CARTGRID 00043872 COURSE						
435233.00000	3878261.00000	4.0901270e-04	753.10	753.10	1.20	PERIOD
CARTGRID 00043872 COURSE						
435733.00000	3878261.00000	4.3587650e-04	748.40	764.70	1.20	PERIOD
CARTGRID 00043872 COURSE						
436233.00000	3878261.00000	3.1097200e-04	771.60	771.60	1.20	PERIOD
CARTGRID 00043872 COURSE						
436733.00000	3878261.00000	3.2800170e-04	749.70	749.70	1.20	PERIOD
CARTGRID 00043872 COURSE						
437233.00000	3878261.00000	2.9508160e-04	727.00	788.20	1.20	PERIOD
CARTGRID 00043872 COURSE						
437733.00000	3878261.00000	2.6809790e-04	731.70	774.20	1.20	PERIOD
CARTGRID 00043872 COURSE						
438233.00000	3878261.00000	2.1892760e-04	756.20	756.20	1.20	PERIOD
CARTGRID 00043872 COURSE						
438733.00000	3878261.00000	1.7329520e-04	761.40	761.40	1.20	PERIOD
CARTGRID 00043872 COURSE						
439233.00000	3878261.00000	1.5932370e-04	766.60	789.40	1.20	PERIOD
CARTGRID 00043872 COURSE						
439733.00000	3878261.00000	1.5218800e-04	770.80	770.80	1.20	PERIOD
CARTGRID 00043872 COURSE						
440233.00000	3878261.00000	1.4331340e-04	773.80	773.80	1.20	PERIOD
CARTGRID 00043872 COURSE						
440733.00000	3878261.00000	1.2736300e-04	779.30	779.30	1.20	PERIOD
CARTGRID 00043872 COURSE						
441233.00000	3878261.00000	1.1345140e-04	785.40	785.40	1.20	PERIOD
CARTGRID 00043872 COURSE						
441733.00000	3878261.00000	1.0547620e-04	790.30	790.30	1.20	PERIOD
CARTGRID 00043872 COURSE						
442233.00000	3878261.00000	9.9719710e-05	795.20	795.20	1.20	PERIOD
CARTGRID 00043872 COURSE						
442733.00000	3878261.00000	9.3063730e-05	804.40	804.40	1.20	PERIOD
CARTGRID 00043872 COURSE						
443233.00000	3878261.00000	8.6167910e-05	820.00	820.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
443733.00000	3878261.00000	8.6467720e-05	810.70	810.70	1.20	PERIOD
CARTGRID 00043872 COURSE						
444233.00000	3878261.00000	8.2690010e-05	814.00	814.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
444733.00000	3878261.00000	8.1370800e-05	808.00	808.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
445233.00000	3878261.00000	7.8552510e-05	805.10	805.10	1.20	PERIOD
CARTGRID 00043872 COURSE						
445733.00000	3878261.00000	7.5734210e-05	801.00	801.00	1.20	PERIOD
CARTGRID 00043872 COURSE						

430733.00000	3878761.00000	1.3144050e-04	725.80	750.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
431233.00000	3878761.00000	1.5416680e-04	729.60	729.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
431733.00000	3878761.00000	1.8630740e-04	732.10	732.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
432233.00000	3878761.00000	2.2072650e-04	732.60	732.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
432733.00000	3878761.00000	2.4735050e-04	732.60	732.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
433233.00000	3878761.00000	2.7115610e-04	734.30	753.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
433733.00000	3878761.00000	3.0131780e-04	734.30	734.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
434233.00000	3878761.00000	3.2440390e-04	737.60	737.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
434733.00000	3878761.00000	3.5852320e-04	737.60	737.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
435233.00000	3878761.00000	4.0217680e-04	740.70	765.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
435733.00000	3878761.00000	3.4719010e-04	761.90	761.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
436233.00000	3878761.00000	2.6815790e-04	778.00	795.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
436733.00000	3878761.00000	2.2702270e-04	774.00	795.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
437233.00000	3878761.00000	1.8708690e-04	778.10	780.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
437733.00000	3878761.00000	1.8019110e-04	768.80	777.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
438233.00000	3878761.00000	1.9260360e-04	761.40	761.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
438733.00000	3878761.00000	1.4978940e-04	767.50	767.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
439233.00000	3878761.00000	1.3156050e-04	774.20	774.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
439733.00000	3878761.00000	1.2928180e-04	776.00	776.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
440233.00000	3878761.00000	1.2070700e-04	780.80	780.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
440733.00000	3878761.00000	1.1021340e-04	785.60	785.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
441233.00000	3878761.00000	1.0085900e-04	789.90	789.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
441733.00000	3878761.00000	9.3543440e-05	795.40	795.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
442233.00000	3878761.00000	8.6587650e-05	804.40	935.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
442733.00000	3878761.00000	7.8972250e-05	825.40	935.70	1.20	PERIOD
CARTGRID	00043872	COURSE				

443233.00000	3878761.00000	7.5314460e-05	835.30	935.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
443733.00000	3878761.00000	7.7713010e-05	814.00	935.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
444233.00000	3878761.00000	7.5254500e-05	818.80	818.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
444733.00000	3878761.00000	7.3635490e-05	816.90	816.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
445233.00000	3878761.00000	7.1956500e-05	813.90	813.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
445733.00000	3878761.00000	7.1057040e-05	807.50	807.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
430733.00000	3879261.00000	1.3599780e-04	730.50	730.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
431233.00000	3879261.00000	1.5872400e-04	744.90	798.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
431733.00000	3879261.00000	1.9086460e-04	743.90	762.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
432233.00000	3879261.00000	2.1946730e-04	734.60	734.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
432733.00000	3879261.00000	2.3709670e-04	734.90	734.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
433233.00000	3879261.00000	2.5952310e-04	737.10	737.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
433733.00000	3879261.00000	2.7721240e-04	746.00	753.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
434233.00000	3879261.00000	3.0329660e-04	738.90	738.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
434733.00000	3879261.00000	3.3159950e-04	741.00	741.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
435233.00000	3879261.00000	3.7153540e-04	740.90	740.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
435733.00000	3879261.00000	3.7921070e-04	743.80	767.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
436233.00000	3879261.00000	2.5100820e-04	778.00	778.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
436733.00000	3879261.00000	1.9062470e-04	789.80	789.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
437233.00000	3879261.00000	1.5866410e-04	792.10	792.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
437733.00000	3879261.00000	1.8390880e-04	762.50	783.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
438233.00000	3879261.00000	1.5602570e-04	771.20	779.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
438733.00000	3879261.00000	1.3989540e-04	768.70	768.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
439233.00000	3879261.00000	1.1980760e-04	774.40	774.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
439733.00000	3879261.00000	1.1207220e-04	780.20	780.20	1.20	PERIOD
CARTGRID	00043872	COURSE				

440233.00000	3879261.00000	1.0547620e-04	786.50	786.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
440733.00000	3879261.00000	9.6721520e-05	791.90	791.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
441233.00000	3879261.00000	8.8146710e-05	797.90	797.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
441733.00000	3879261.00000	8.2330230e-05	802.40	802.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
442233.00000	3879261.00000	7.4774790e-05	817.70	939.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
442733.00000	3879261.00000	6.9797800e-05	840.80	939.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
443233.00000	3879261.00000	7.0037660e-05	829.40	939.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
443733.00000	3879261.00000	6.9378050e-05	822.70	939.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
444233.00000	3879261.00000	6.7159400e-05	829.20	829.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
444733.00000	3879261.00000	6.6919540e-05	823.90	823.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
445233.00000	3879261.00000	6.6619720e-05	818.10	818.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
445733.00000	3879261.00000	6.5480410e-05	814.30	814.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
430733.00000	3879761.00000	1.3995540e-04	744.00	744.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
431233.00000	3879761.00000	1.3659740e-04	779.70	798.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
431733.00000	3879761.00000	1.9086460e-04	750.30	798.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
432233.00000	3879761.00000	2.1215170e-04	737.30	737.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
432733.00000	3879761.00000	2.2540370e-04	737.90	737.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
433233.00000	3879761.00000	2.4854970e-04	739.30	739.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
433733.00000	3879761.00000	2.6503980e-04	743.20	743.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
434233.00000	3879761.00000	2.8308890e-04	743.10	743.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
434733.00000	3879761.00000	3.0077810e-04	749.90	779.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
435233.00000	3879761.00000	3.4473160e-04	743.40	743.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
435733.00000	3879761.00000	3.4796960e-04	746.10	746.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
436233.00000	3879761.00000	2.9202340e-04	755.60	772.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
436733.00000	3879761.00000	2.1928740e-04	757.60	789.40	1.20	PERIOD
CARTGRID	00043872	COURSE				

437233.00000	3879761.00000	2.0027890e-04	755.90	783.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
437733.00000	3879761.00000	1.7911170e-04	759.70	759.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
438233.00000	3879761.00000	1.6328130e-04	765.40	765.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
438733.00000	3879761.00000	1.2880210e-04	771.40	771.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
439233.00000	3879761.00000	1.0943380e-04	775.90	775.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
439733.00000	3879761.00000	1.0103890e-04	782.20	782.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
440233.00000	3879761.00000	9.5642170e-05	788.80	788.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
440733.00000	3879761.00000	8.8086740e-05	795.40	795.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
441233.00000	3879761.00000	8.0351420e-05	802.10	802.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
441733.00000	3879761.00000	7.4055230e-05	807.40	807.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
442233.00000	3879761.00000	6.6080050e-05	825.10	939.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
442733.00000	3879761.00000	6.2062480e-05	855.30	939.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
443233.00000	3879761.00000	5.9963750e-05	882.50	939.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
443733.00000	3879761.00000	6.2961930e-05	831.70	939.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
444233.00000	3879761.00000	6.0323530e-05	841.70	841.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
444733.00000	3879761.00000	6.0323530e-05	833.10	833.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
445233.00000	3879761.00000	6.0203600e-05	828.40	828.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
445733.00000	3879761.00000	6.0503420e-05	820.70	820.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
435850.40000	3873157.00000	1.4215720e-02	730.00	730.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435900.40000	3873157.00000	1.9041070e-02	731.00	731.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435950.40000	3873157.00000	2.1017170e-02	731.00	731.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436000.40000	3873157.00000	2.2400000e-02	731.30	731.30	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436050.40000	3873157.00000	2.3752300e-02	732.00	732.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436100.40000	3873157.00000	2.4460410e-02	732.10	732.10	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436150.40000	3873157.00000	2.5803480e-02	733.00	733.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				



436200.40000	3873157.00000	2.6222860e-02	733.20	733.20	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436250.40000	3873157.00000	2.6770330e-02	734.00	734.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436300.40000	3873157.00000	2.7034300e-02	734.00	734.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436350.40000	3873157.00000	2.7952040e-02	735.00	735.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436400.40000	3873157.00000	2.8302590e-02	735.10	735.10	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436450.40000	3873157.00000	3.0241280e-02	736.00	736.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436500.40000	3873157.00000	3.0359280e-02	736.00	736.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436550.40000	3873157.00000	2.8272190e-02	736.40	736.40	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436600.40000	3873157.00000	2.6656340e-02	737.00	737.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436650.40000	3873157.00000	2.6283130e-02	737.20	737.20	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436700.40000	3873157.00000	2.3645980e-02	738.00	738.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436750.40000	3873157.00000	2.3664270e-02	738.00	738.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436800.40000	3873157.00000	2.3659540e-02	738.00	738.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436850.40000	3873157.00000	2.3630870e-02	738.00	738.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435850.40000	3873207.00000	1.2928240e-02	730.00	730.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435900.40000	3873207.00000	1.7142440e-02	730.40	730.40	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435950.40000	3873207.00000	1.9220540e-02	731.00	731.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436000.40000	3873207.00000	2.0266550e-02	731.00	731.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436050.40000	3873207.00000	2.1536340e-02	731.90	731.90	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436100.40000	3873207.00000	2.2138790e-02	732.00	732.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436150.40000	3873207.00000	2.2553680e-02	732.00	732.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436200.40000	3873207.00000	2.3747860e-02	732.90	732.90	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436250.40000	3873207.00000	2.4185300e-02	733.80	733.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436300.40000	3873207.00000	2.4516240e-02	734.00	734.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436350.40000	3873207.00000	2.4808200e-02	734.40	734.40	1.20	PERIOD
CARTGRID	00043872	DESERTL				

436400.40000	3873207.00000	2.5552710e-02	735.00	735.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436450.40000	3873207.00000	2.5644750e-02	735.00	735.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436500.40000	3873207.00000	2.8170070e-02	735.90	735.90	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436550.40000	3873207.00000	2.7806510e-02	736.00	736.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436600.40000	3873207.00000	2.5014120e-02	736.60	736.60	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436650.40000	3873207.00000	2.4038270e-02	737.00	737.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436700.40000	3873207.00000	2.2648190e-02	737.80	737.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436750.40000	3873207.00000	2.1286410e-02	738.00	738.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436800.40000	3873207.00000	2.1246650e-02	738.00	738.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436850.40000	3873207.00000	2.1180280e-02	738.00	738.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435850.40000	3873257.00000	8.8369170e-03	730.00	730.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435900.40000	3873257.00000	1.0967310e-02	730.00	730.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435950.40000	3873257.00000	1.2480680e-02	731.00	731.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436000.40000	3873257.00000	1.3290600e-02	731.00	731.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436050.40000	3873257.00000	1.4112590e-02	732.00	732.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436100.40000	3873257.00000	1.4512370e-02	732.00	732.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436150.40000	3873257.00000	1.4817220e-02	732.00	732.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436200.40000	3873257.00000	1.5251600e-02	732.70	732.70	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436250.40000	3873257.00000	1.5475260e-02	733.00	733.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436300.40000	3873257.00000	1.5496190e-02	734.00	734.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436350.40000	3873257.00000	1.5607960e-02	734.00	734.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436400.40000	3873257.00000	1.5615400e-02	734.40	734.40	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436450.40000	3873257.00000	1.5560950e-02	735.00	735.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436500.40000	3873257.00000	1.5599870e-02	735.00	735.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436550.40000	3873257.00000	1.5403370e-02	736.00	736.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				

436600.40000	3873257.00000	1.5404690e-02	736.00	736.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436650.40000	3873257.00000	1.5200150e-02	736.70	736.70	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436700.40000	3873257.00000	1.4963470e-02	737.40	737.40	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436750.40000	3873257.00000	1.4402090e-02	738.00	738.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436800.40000	3873257.00000	1.4348670e-02	738.00	738.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436850.40000	3873257.00000	1.4277430e-02	738.00	738.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435850.40000	3873307.00000	6.2727480e-03	729.40	729.40	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435900.40000	3873307.00000	7.2691650e-03	730.00	730.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435950.40000	3873307.00000	8.1510530e-03	730.60	730.60	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436000.40000	3873307.00000	8.8832690e-03	731.20	731.20	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436050.40000	3873307.00000	9.4673160e-03	731.70	731.70	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436100.40000	3873307.00000	9.8907800e-03	731.70	731.70	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436150.40000	3873307.00000	1.0231070e-02	731.70	731.70	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436200.40000	3873307.00000	1.0581020e-02	732.40	732.40	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436250.40000	3873307.00000	1.0845160e-02	732.90	732.90	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436300.40000	3873307.00000	1.1021280e-02	733.40	733.40	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436350.40000	3873307.00000	1.1156020e-02	733.60	733.60	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436400.40000	3873307.00000	1.1263110e-02	733.80	733.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436450.40000	3873307.00000	1.1337170e-02	734.10	734.10	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436500.40000	3873307.00000	1.1379320e-02	734.50	734.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436550.40000	3873307.00000	1.1423030e-02	734.70	734.70	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436600.40000	3873307.00000	1.1403540e-02	735.30	735.30	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436650.40000	3873307.00000	1.1349040e-02	736.00	736.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436700.40000	3873307.00000	1.1271150e-02	736.70	736.70	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436750.40000	3873307.00000	1.1171010e-02	737.40	737.40	1.20	PERIOD
CARTGRID	00043872	DESERTL				

436800.40000	3873307.00000	1.1137910e-02	737.50	737.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436850.40000	3873307.00000	1.1087720e-02	737.60	737.60	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435850.40000	3873357.00000	5.1484280e-03	729.10	729.10	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435900.40000	3873357.00000	5.7372710e-03	729.50	729.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435950.40000	3873357.00000	6.3019500e-03	730.10	730.10	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436000.40000	3873357.00000	6.8411440e-03	730.80	730.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436050.40000	3873357.00000	7.3043640e-03	731.20	731.20	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436100.40000	3873357.00000	7.6989250e-03	731.50	731.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436150.40000	3873357.00000	8.0288460e-03	731.70	731.70	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436200.40000	3873357.00000	8.3365790e-03	732.30	732.30	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436250.40000	3873357.00000	8.5848900e-03	732.70	732.70	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436300.40000	3873357.00000	8.7796510e-03	732.90	732.90	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436350.40000	3873357.00000	8.9376560e-03	733.30	733.30	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436400.40000	3873357.00000	9.0517080e-03	733.60	733.60	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436450.40000	3873357.00000	9.1500490e-03	733.80	733.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436500.40000	3873357.00000	9.2213450e-03	734.10	734.10	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436550.40000	3873357.00000	9.2739930e-03	734.40	734.40	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436600.40000	3873357.00000	9.3021160e-03	734.80	734.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436650.40000	3873357.00000	9.2971390e-03	735.40	735.40	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436700.40000	3873357.00000	9.2639190e-03	736.10	736.10	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436750.40000	3873357.00000	9.2016780e-03	736.90	736.90	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436800.40000	3873357.00000	9.1486090e-03	737.40	737.40	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436850.40000	3873357.00000	9.1081930e-03	737.60	737.60	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435850.40000	3873407.00000	4.4613620e-03	728.80	728.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435900.40000	3873407.00000	4.8689960e-03	729.10	729.10	1.20	PERIOD
CARTGRID	00043872	DESERTL				

435950.40000	3873407.00000	5.2619390e-03	729.60	729.60	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436000.40000	3873407.00000	5.6574600e-03	730.30	730.30	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436050.40000	3873407.00000	6.0234790e-03	730.80	730.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436100.40000	3873407.00000	6.3602950e-03	731.30	731.30	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436150.40000	3873407.00000	6.6625120e-03	731.80	731.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436200.40000	3873407.00000	6.9133400e-03	732.00	732.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436250.40000	3873407.00000	7.1410220e-03	732.40	732.40	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436300.40000	3873407.00000	7.3333260e-03	732.70	732.70	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436350.40000	3873407.00000	7.4913910e-03	732.90	732.90	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436400.40000	3873407.00000	7.6222320e-03	733.20	733.20	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436450.40000	3873407.00000	7.7187130e-03	733.60	733.60	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436500.40000	3873407.00000	7.7970260e-03	733.90	733.90	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436550.40000	3873407.00000	7.8634660e-03	734.10	734.10	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436600.40000	3873407.00000	7.9141350e-03	734.30	734.30	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436650.40000	3873407.00000	7.9219300e-03	735.00	735.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436700.40000	3873407.00000	7.9179130e-03	735.60	735.60	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436750.40000	3873407.00000	7.8833740e-03	736.40	736.40	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436800.40000	3873407.00000	7.8518930e-03	736.90	736.90	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436850.40000	3873407.00000	7.8259880e-03	737.10	737.10	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435850.40000	3873457.00000	3.9751170e-03	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435900.40000	3873457.00000	4.2698980e-03	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435950.40000	3873457.00000	4.5680980e-03	729.00	729.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436000.40000	3873457.00000	4.8740930e-03	729.80	729.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436050.40000	3873457.00000	5.1754710e-03	730.60	730.60	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436100.40000	3873457.00000	5.4529830e-03	731.20	731.20	1.20	PERIOD
CARTGRID	00043872	DESERTL				

436150.40000	3873457.00000	5.7010530e-03	731.60	731.60	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436200.40000	3873457.00000	5.9226790e-03	731.90	731.90	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436250.40000	3873457.00000	6.1134840e-03	732.00	732.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436300.40000	3873457.00000	6.2862990e-03	732.20	732.20	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436350.40000	3873457.00000	6.4476020e-03	732.70	732.70	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436400.40000	3873457.00000	6.5758040e-03	732.90	732.90	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436450.40000	3873457.00000	6.6787620e-03	733.40	733.40	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436500.40000	3873457.00000	6.7589330e-03	733.70	733.70	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436550.40000	3873457.00000	6.8197370e-03	734.10	734.10	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436600.40000	3873457.00000	6.8740040e-03	734.30	734.30	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436650.40000	3873457.00000	6.9014670e-03	734.80	734.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436700.40000	3873457.00000	6.9141190e-03	735.30	735.30	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436750.40000	3873457.00000	6.9068640e-03	735.90	735.90	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436800.40000	3873457.00000	6.8895950e-03	736.40	736.40	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436850.40000	3873457.00000	6.8628510e-03	736.80	736.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435850.40000	3873507.00000	3.6141950e-03	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435900.40000	3873507.00000	3.8464340e-03	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435950.40000	3873507.00000	4.0698000e-03	728.60	728.60	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436000.40000	3873507.00000	4.3094140e-03	729.30	729.30	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436050.40000	3873507.00000	4.5548460e-03	730.20	730.20	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436100.40000	3873507.00000	4.7853470e-03	730.90	730.90	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436150.40000	3873507.00000	4.9993570e-03	731.50	731.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436200.40000	3873507.00000	5.1838060e-03	731.70	731.70	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436250.40000	3873507.00000	5.3463680e-03	731.70	731.70	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436300.40000	3873507.00000	5.4936390e-03	731.70	731.70	1.20	PERIOD
CARTGRID	00043872	DESERTL				

436350.40000	3873507.00000	5.6452270e-03	732.30	732.30	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436400.40000	3873507.00000	5.7726500e-03	732.70	732.70	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436450.40000	3873507.00000	5.8766870e-03	733.20	733.20	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436500.40000	3873507.00000	5.9557790e-03	733.60	733.60	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436550.40000	3873507.00000	6.0185010e-03	734.00	734.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436600.40000	3873507.00000	6.0710890e-03	734.30	734.30	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436650.40000	3873507.00000	6.1038900e-03	734.80	734.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436700.40000	3873507.00000	6.1267950e-03	735.20	735.20	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436750.40000	3873507.00000	6.1402880e-03	735.50	735.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436800.40000	3873507.00000	6.1365100e-03	735.90	735.90	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436850.40000	3873507.00000	6.1187600e-03	736.30	736.30	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435850.40000	3873557.00000	3.3253500e-03	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435900.40000	3873557.00000	3.5142350e-03	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435950.40000	3873557.00000	3.6941270e-03	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436000.40000	3873557.00000	3.8887690e-03	729.10	729.10	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436050.40000	3873557.00000	4.0827510e-03	729.80	729.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436100.40000	3873557.00000	4.2733160e-03	730.50	730.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436150.40000	3873557.00000	4.4564460e-03	731.20	731.20	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436200.40000	3873557.00000	4.6065950e-03	731.20	731.20	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436250.40000	3873557.00000	4.7497880e-03	731.30	731.30	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436300.40000	3873557.00000	4.8943610e-03	731.80	731.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436350.40000	3873557.00000	5.0206450e-03	732.10	732.10	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436400.40000	3873557.00000	5.1370340e-03	732.50	732.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436450.40000	3873557.00000	5.2382530e-03	733.00	733.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436500.40000	3873557.00000	5.3214830e-03	733.30	733.30	1.20	PERIOD
CARTGRID	00043872	DESERTL				

436550.40000	3873557.00000	5.3813870e-03	733.80	733.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436600.40000	3873557.00000	5.4291170e-03	734.30	734.30	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436650.40000	3873557.00000	5.4702530e-03	734.60	734.60	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436700.40000	3873557.00000	5.5052120e-03	734.70	734.70	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436750.40000	3873557.00000	5.5161850e-03	735.20	735.20	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436800.40000	3873557.00000	5.5138460e-03	735.70	735.70	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436850.40000	3873557.00000	5.5080300e-03	735.90	735.90	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435850.40000	3873607.00000	3.0871140e-03	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435900.40000	3873607.00000	3.2443390e-03	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435950.40000	3873607.00000	3.3949080e-03	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436000.40000	3873607.00000	3.5536910e-03	728.90	728.90	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436050.40000	3873607.00000	3.7136750e-03	729.50	729.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436100.40000	3873607.00000	3.8734180e-03	730.20	730.20	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436150.40000	3873607.00000	4.0226080e-03	730.70	730.70	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436200.40000	3873607.00000	4.1564470e-03	730.90	730.90	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436250.40000	3873607.00000	4.2885470e-03	731.30	731.30	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436300.40000	3873607.00000	4.4141710e-03	731.80	731.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436350.40000	3873607.00000	4.5253440e-03	732.10	732.10	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436400.40000	3873607.00000	4.6290810e-03	732.50	732.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436450.40000	3873607.00000	4.7193870e-03	732.70	732.70	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436500.40000	3873607.00000	4.7979990e-03	733.30	733.30	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436550.40000	3873607.00000	4.8554440e-03	733.80	733.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436600.40000	3873607.00000	4.9022160e-03	734.30	734.30	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436650.40000	3873607.00000	4.9495280e-03	734.30	734.30	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436700.40000	3873607.00000	4.9789100e-03	734.60	734.60	1.20	PERIOD
CARTGRID	00043872	DESERTL				



436750.40000	3873607.00000	4.9967790e-03	734.90	734.90	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436800.40000	3873607.00000	5.0027750e-03	735.20	735.20	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436850.40000	3873607.00000	4.9937210e-03	735.60	735.60	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435850.40000	3873657.00000	2.8866550e-03	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435900.40000	3873657.00000	3.0200740e-03	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435950.40000	3873657.00000	3.1480970e-03	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436000.40000	3873657.00000	3.2793570e-03	728.70	728.70	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436050.40000	3873657.00000	3.4172140e-03	729.30	729.30	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436100.40000	3873657.00000	3.5477550e-03	729.80	729.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436150.40000	3873657.00000	3.6751180e-03	730.30	730.30	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436200.40000	3873657.00000	3.7954650e-03	730.70	730.70	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436250.40000	3873657.00000	3.9125750e-03	731.20	731.20	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436300.40000	3873657.00000	4.0177510e-03	731.50	731.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436350.40000	3873657.00000	4.1198090e-03	732.00	732.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436400.40000	3873657.00000	4.2081950e-03	732.20	732.20	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436450.40000	3873657.00000	4.2937640e-03	732.70	732.70	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436500.40000	3873657.00000	4.3649410e-03	733.00	733.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436550.40000	3873657.00000	4.4246050e-03	733.40	733.40	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436600.40000	3873657.00000	4.4704170e-03	733.80	733.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436650.40000	3873657.00000	4.5084940e-03	734.10	734.10	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436700.40000	3873657.00000	4.5363770e-03	734.40	734.40	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436750.40000	3873657.00000	4.5558060e-03	734.60	734.60	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436800.40000	3873657.00000	4.5581440e-03	735.10	735.10	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436850.40000	3873657.00000	4.5533470e-03	735.40	735.40	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435850.40000	3873707.00000	2.7158180e-03	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				

435900.40000	3873707.00000	2.8308290e-03	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435950.40000	3873707.00000	2.9410420e-03	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436000.40000	3873707.00000	3.0582110e-03	728.80	728.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436050.40000	3873707.00000	3.1711830e-03	729.10	729.10	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436100.40000	3873707.00000	3.2818160e-03	729.50	729.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436150.40000	3873707.00000	3.3916690e-03	730.00	730.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436200.40000	3873707.00000	3.4981650e-03	730.50	730.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436250.40000	3873707.00000	3.6001040e-03	731.00	731.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436300.40000	3873707.00000	3.6961650e-03	731.50	731.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436350.40000	3873707.00000	3.7854510e-03	732.00	732.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436400.40000	3873707.00000	3.8629840e-03	732.20	732.20	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436450.40000	3873707.00000	3.9381190e-03	732.70	732.70	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436500.40000	3873707.00000	4.0009610e-03	732.90	732.90	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436550.40000	3873707.00000	4.0553480e-03	733.20	733.20	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436600.40000	3873707.00000	4.0976230e-03	733.60	733.60	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436650.40000	3873707.00000	4.1318620e-03	733.90	733.90	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436700.40000	3873707.00000	4.1537490e-03	734.40	734.40	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436750.40000	3873707.00000	4.1713780e-03	734.60	734.60	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436800.40000	3873707.00000	4.1738370e-03	735.10	735.10	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436850.40000	3873707.00000	4.1733570e-03	735.20	735.20	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435850.40000	3873757.00000	2.5684870e-03	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435900.40000	3873757.00000	2.6688660e-03	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435950.40000	3873757.00000	2.7646880e-03	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436000.40000	3873757.00000	2.8629690e-03	728.60	728.60	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436050.40000	3873757.00000	2.9581310e-03	728.70	728.70	1.20	PERIOD
CARTGRID	00043872	DESERTL				

436100.40000	3873757.00000	3.0582710e-03	729.20	729.20	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436150.40000	3873757.00000	3.1564920e-03	729.80	729.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436200.40000	3873757.00000	3.2490160e-03	730.30	730.30	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436250.40000	3873757.00000	3.3418390e-03	731.00	731.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436300.40000	3873757.00000	3.4255490e-03	731.50	731.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436350.40000	3873757.00000	3.5003840e-03	731.80	731.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436400.40000	3873757.00000	3.5711410e-03	732.20	732.20	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436450.40000	3873757.00000	3.6332030e-03	732.40	732.40	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436500.40000	3873757.00000	3.6902290e-03	732.70	732.70	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436550.40000	3873757.00000	3.7386200e-03	732.90	732.90	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436600.40000	3873757.00000	3.7776560e-03	733.40	733.40	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436650.40000	3873757.00000	3.8085970e-03	733.60	733.60	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436700.40000	3873757.00000	3.8263460e-03	734.20	734.20	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436750.40000	3873757.00000	3.8383990e-03	734.60	734.60	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436800.40000	3873757.00000	3.8464340e-03	734.70	734.70	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436850.40000	3873757.00000	3.8439760e-03	734.90	734.90	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435850.40000	3873807.00000	2.4401650e-03	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435900.40000	3873807.00000	2.5286110e-03	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435950.40000	3873807.00000	2.6125600e-03	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436000.40000	3873807.00000	2.6971090e-03	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436050.40000	3873807.00000	2.7796790e-03	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436100.40000	3873807.00000	2.8668670e-03	728.90	728.90	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436150.40000	3873807.00000	2.9559730e-03	729.60	729.60	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436200.40000	3873807.00000	3.0388430e-03	730.20	730.20	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436250.40000	3873807.00000	3.1179350e-03	730.80	730.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				

436300.40000	3873807.00000	3.1942090e-03	731.50	731.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436350.40000	3873807.00000	3.2578300e-03	731.70	731.70	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436400.40000	3873807.00000	3.3195930e-03	732.10	732.10	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436450.40000	3873807.00000	3.3734400e-03	732.30	732.30	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436500.40000	3873807.00000	3.4228510e-03	732.60	732.60	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436550.40000	3873807.00000	3.4653650e-03	732.80	732.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436600.40000	3873807.00000	3.4999040e-03	733.00	733.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436650.40000	3873807.00000	3.5267080e-03	733.40	733.40	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436700.40000	3873807.00000	3.5423580e-03	733.90	733.90	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436750.40000	3873807.00000	3.5544710e-03	734.10	734.10	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436800.40000	3873807.00000	3.5578890e-03	734.40	734.40	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436850.40000	3873807.00000	3.5560900e-03	734.50	734.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435850.40000	3873857.00000	2.3271330e-03	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435900.40000	3873857.00000	2.4056260e-03	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435950.40000	3873857.00000	2.4796210e-03	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436000.40000	3873857.00000	2.5544560e-03	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436050.40000	3873857.00000	2.6283310e-03	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436100.40000	3873857.00000	2.7003470e-03	728.60	728.60	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436150.40000	3873857.00000	2.7821380e-03	729.40	729.40	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436200.40000	3873857.00000	2.8570330e-03	730.10	730.10	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436250.40000	3873857.00000	2.9259910e-03	730.70	730.70	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436300.40000	3873857.00000	2.9895530e-03	731.20	731.20	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436350.40000	3873857.00000	3.0489170e-03	731.70	731.70	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436400.40000	3873857.00000	3.1000060e-03	731.90	731.90	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436450.40000	3873857.00000	3.1467180e-03	732.10	732.10	1.20	PERIOD
CARTGRID	00043872	DESERTL				

436500.40000	3873857.00000	3.1862930e-03	732.10	732.10	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436550.40000	3873857.00000	3.2249700e-03	732.50	732.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436600.40000	3873857.00000	3.2557310e-03	732.70	732.70	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436650.40000	3873857.00000	3.2795370e-03	733.20	733.20	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436700.40000	3873857.00000	3.2945280e-03	733.50	733.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436750.40000	3873857.00000	3.3014240e-03	733.90	733.90	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436800.40000	3873857.00000	3.3051420e-03	734.00	734.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436850.40000	3873857.00000	3.3010040e-03	734.20	734.20	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435850.40000	3873907.00000	2.2479210e-03	729.80	729.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435900.40000	3873907.00000	2.2966720e-03	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435950.40000	3873907.00000	2.3621520e-03	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436000.40000	3873907.00000	2.4284720e-03	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436050.40000	3873907.00000	2.4945520e-03	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436100.40000	3873907.00000	2.5652490e-03	728.90	728.90	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436150.40000	3873907.00000	2.6330680e-03	729.40	729.40	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436200.40000	3873907.00000	2.6993880e-03	730.10	730.10	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436250.40000	3873907.00000	2.7595910e-03	730.70	730.70	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436300.40000	3873907.00000	2.8146380e-03	731.20	731.20	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436350.40000	3873907.00000	2.8659670e-03	731.70	731.70	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436400.40000	3873907.00000	2.9088410e-03	731.80	731.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436450.40000	3873907.00000	2.9467980e-03	731.80	731.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436500.40000	3873907.00000	2.9815770e-03	731.90	731.90	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436550.40000	3873907.00000	3.0116790e-03	732.00	732.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436600.40000	3873907.00000	3.0403420e-03	732.50	732.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436650.40000	3873907.00000	3.0612690e-03	732.80	732.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				

436700.40000	3873907.00000	3.0743410e-03	733.20	733.20	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436750.40000	3873907.00000	3.0811770e-03	733.40	733.40	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436800.40000	3873907.00000	3.0806970e-03	733.70	733.70	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436850.40000	3873907.00000	3.0761400e-03	733.80	733.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435850.40000	3873957.00000	2.1678090e-03	730.70	734.30	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435900.40000	3873957.00000	2.1990510e-03	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435950.40000	3873957.00000	2.2571550e-03	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436000.40000	3873957.00000	2.3159200e-03	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436050.40000	3873957.00000	2.3750440e-03	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436100.40000	3873957.00000	2.4371660e-03	728.80	728.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436150.40000	3873957.00000	2.5001880e-03	729.40	729.40	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436200.40000	3873957.00000	2.5609920e-03	730.20	730.20	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436250.40000	3873957.00000	2.6138200e-03	730.80	730.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436300.40000	3873957.00000	2.6601720e-03	731.20	731.20	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436350.40000	3873957.00000	2.7022060e-03	731.50	731.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436400.40000	3873957.00000	2.7377650e-03	731.50	731.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436450.40000	3873957.00000	2.7722440e-03	731.70	731.70	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436500.40000	3873957.00000	2.8005470e-03	731.70	731.70	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436550.40000	3873957.00000	2.8245320e-03	731.70	731.70	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436600.40000	3873957.00000	2.8470190e-03	732.00	732.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436650.40000	3873957.00000	2.8659670e-03	732.50	732.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436700.40000	3873957.00000	2.8778400e-03	732.80	732.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436750.40000	3873957.00000	2.8827570e-03	733.00	733.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436800.40000	3873957.00000	2.8824570e-03	733.30	733.30	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436850.40000	3873957.00000	2.8746620e-03	733.60	733.60	1.20	PERIOD
CARTGRID	00043872	DESERTL				

435850.40000	3874007.00000	2.0544180e-03	728.50	734.30	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435900.40000	3874007.00000	2.1107240e-03	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435950.40000	3874007.00000	2.1669700e-03	728.80	728.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436000.40000	3874007.00000	2.2191980e-03	728.80	728.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436050.40000	3874007.00000	2.2721460e-03	728.80	728.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436100.40000	3874007.00000	2.3282720e-03	729.10	729.10	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436150.40000	3874007.00000	2.3806210e-03	729.40	729.40	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436200.40000	3874007.00000	2.4341080e-03	730.10	730.10	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436250.40000	3874007.00000	2.4847780e-03	731.00	731.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436300.40000	3874007.00000	2.5259730e-03	731.50	731.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436350.40000	3874007.00000	2.5587730e-03	731.50	731.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436400.40000	3874007.00000	2.5888150e-03	731.50	731.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436450.40000	3874007.00000	2.6157380e-03	731.50	731.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436500.40000	3874007.00000	2.6391840e-03	731.50	731.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436550.40000	3874007.00000	2.6598120e-03	731.60	731.60	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436600.40000	3874007.00000	2.6772610e-03	731.80	731.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436650.40000	3874007.00000	2.6926720e-03	732.30	732.30	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436700.40000	3874007.00000	2.7010070e-03	732.50	732.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436750.40000	3874007.00000	2.7046650e-03	732.70	732.70	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436800.40000	3874007.00000	2.7029860e-03	733.00	733.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436850.40000	3874007.00000	2.6959700e-03	733.30	733.30	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435850.40000	3874057.00000	1.9780240e-03	728.40	735.20	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435900.40000	3874057.00000	2.0314520e-03	728.60	728.60	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435950.40000	3874057.00000	2.0844600e-03	729.10	729.10	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436000.40000	3874057.00000	2.1308720e-03	729.10	729.10	1.20	PERIOD
CARTGRID	00043872	DESERTL				

436050.40000	3874057.00000	2.1782430e-03	729.10	729.10	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436100.40000	3874057.00000	2.2217170e-03	728.90	728.90	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436150.40000	3874057.00000	2.2664500e-03	729.00	729.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436200.40000	3874057.00000	2.3181980e-03	729.90	729.90	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436250.40000	3874057.00000	2.3684480e-03	731.20	731.20	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436300.40000	3874057.00000	2.4023880e-03	731.50	731.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436350.40000	3874057.00000	2.4282320e-03	731.30	731.30	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436400.40000	3874057.00000	2.4533570e-03	731.30	731.30	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436450.40000	3874057.00000	2.4755430e-03	731.30	731.30	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436500.40000	3874057.00000	2.4965910e-03	731.50	731.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436550.40000	3874057.00000	2.5150000e-03	731.80	731.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436600.40000	3874057.00000	2.5269920e-03	731.80	731.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436650.40000	3874057.00000	2.5360470e-03	731.90	731.90	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436700.40000	3874057.00000	2.5425230e-03	732.20	732.20	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436750.40000	3874057.00000	2.5446820e-03	732.50	732.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436800.40000	3874057.00000	2.5418630e-03	732.70	732.70	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436850.40000	3874057.00000	2.5343080e-03	732.90	732.90	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435850.40000	3874107.00000	1.9391080e-03	731.10	735.20	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435900.40000	3874107.00000	1.9775440e-03	730.30	730.30	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435950.40000	3874107.00000	2.0072860e-03	729.30	729.30	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436000.40000	3874107.00000	2.0459030e-03	729.10	729.10	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436050.40000	3874107.00000	2.0842200e-03	728.80	728.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436100.40000	3874107.00000	2.1232560e-03	728.60	728.60	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436150.40000	3874107.00000	2.1610330e-03	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436200.40000	3874107.00000	2.1992300e-03	728.70	728.70	1.20	PERIOD
CARTGRID	00043872	DESERTL				



436250.40000	3874107.00000	2.2426440e-03	729.60	729.60	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436300.40000	3874107.00000	2.2758640e-03	730.10	730.10	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436350.40000	3874107.00000	2.2957120e-03	729.80	729.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436400.40000	3874107.00000	2.3225760e-03	730.30	730.30	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436450.40000	3874107.00000	2.3462020e-03	730.80	730.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436500.40000	3874107.00000	2.3672490e-03	731.40	731.40	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436550.40000	3874107.00000	2.3803210e-03	731.50	731.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436600.40000	3874107.00000	2.3884160e-03	731.40	731.40	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436650.40000	3874107.00000	2.3947720e-03	731.50	731.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436700.40000	3874107.00000	2.3991490e-03	731.80	731.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436750.40000	3874107.00000	2.3995090e-03	732.10	732.10	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436800.40000	3874107.00000	2.3954320e-03	732.30	732.30	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436850.40000	3874107.00000	2.3881760e-03	732.60	732.60	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435850.40000	3874157.00000	1.8781840e-03	731.80	731.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435900.40000	3874157.00000	1.9024100e-03	729.80	729.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435950.40000	3874157.00000	1.9289140e-03	728.90	728.90	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436000.40000	3874157.00000	1.9603950e-03	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436050.40000	3874157.00000	1.9980520e-03	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436100.40000	3874157.00000	2.0358290e-03	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436150.40000	3874157.00000	2.0715080e-03	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436200.40000	3874157.00000	2.1036480e-03	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436250.40000	3874157.00000	2.1327900e-03	728.60	728.60	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436300.40000	3874157.00000	2.1550370e-03	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436350.40000	3874157.00000	2.1750050e-03	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436400.40000	3874157.00000	2.1974910e-03	728.90	728.90	1.20	PERIOD
CARTGRID	00043872	DESERTL				

436450.40000	3874157.00000	2.2255540e-03	730.00	730.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436500.40000	3874157.00000	2.2476810e-03	731.00	731.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436550.40000	3874157.00000	2.2576350e-03	731.10	731.10	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436600.40000	3874157.00000	2.2619520e-03	730.90	730.90	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436650.40000	3874157.00000	2.2693880e-03	731.40	731.40	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436700.40000	3874157.00000	2.2708270e-03	731.60	731.60	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436750.40000	3874157.00000	2.2708870e-03	732.10	732.10	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436800.40000	3874157.00000	2.2638110e-03	732.00	732.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436850.40000	3874157.00000	2.2547570e-03	732.10	732.10	1.20	PERIOD
CARTGRID	00043872	DESERTL				
439914.30000	3872794.00000	4.3971410e-04	752.00	752.00	1.20	PERIOD
SENSITIV	00043872					
436262.90000	3873356.00000	8.6755550e-03	732.87	732.87	1.20	PERIOD
SENSITIV	00043872					
435902.60000	3873538.00000	3.6394990e-03	728.47	728.47	1.20	PERIOD
SENSITIV	00043872					
435899.30000	3873949.00000	2.2121830e-03	728.47	728.47	1.20	PERIOD
SENSITIV	00043872					
435800.90000	3871509.00000	5.7622760e-03	734.00	734.00	1.20	PERIOD
PROPERTY	00043872					
435900.90000	3871509.00000	8.6771740e-03	735.00	735.00	1.20	PERIOD
PROPERTY	00043872					
436000.90000	3871509.00000	1.0080930e-02	736.00	736.00	1.20	PERIOD
PROPERTY	00043872					
436100.90000	3871509.00000	1.0531190e-02	736.00	736.00	1.20	PERIOD
PROPERTY	00043872					
436200.90000	3871509.00000	9.7697730e-03	737.00	737.00	1.20	PERIOD
PROPERTY	00043872					
436300.90000	3871509.00000	8.7816900e-03	738.00	738.00	1.20	PERIOD
PROPERTY	00043872					
436400.90000	3871509.00000	8.3816130e-03	739.00	739.00	1.20	PERIOD
PROPERTY	00043872					
436500.90000	3871509.00000	8.0115760e-03	740.00	740.00	1.20	PERIOD
PROPERTY	00043872					
436600.90000	3871509.00000	7.6533530e-03	741.04	741.04	1.20	PERIOD
PROPERTY	00043872					
436700.90000	3871509.00000	7.3360850e-03	742.00	742.00	1.20	PERIOD
PROPERTY	00043872					
436800.90000	3871509.00000	7.0152790e-03	743.00	743.00	1.20	PERIOD
PROPERTY	00043872					
436900.90000	3871509.00000	6.6874570e-03	744.00	744.00	1.20	PERIOD
PROPERTY	00043872					

437000.90000	3871509.00000	6.2680710e-03	745.37	745.37	1.20	PERIOD
PROPERTY	00043872					
437100.90000	3871509.00000	5.8562390e-03	746.70	746.70	1.20	PERIOD
PROPERTY	00043872					
437200.90000	3871510.00000	5.5053320e-03	748.00	748.00	1.20	PERIOD
PROPERTY	00043872					
437300.90000	3871510.00000	5.1035740e-03	748.48	748.48	1.20	PERIOD
PROPERTY	00043872					
437400.90000	3871510.00000	4.3224260e-03	749.70	749.70	1.20	PERIOD
PROPERTY	00043872					
437448.90000	3871510.00000	3.6397990e-03	750.00	750.00	1.20	PERIOD
PROPERTY	00043872					
437448.90000	3871610.00000	7.2883530e-03	750.00	750.00	1.20	PERIOD
PROPERTY	00043872					
437448.90000	3871710.00000	8.7716170e-03	750.00	750.00	1.20	PERIOD
PROPERTY	00043872					
437448.90000	3871810.00000	9.7691730e-03	749.30	749.30	1.20	PERIOD
PROPERTY	00043872					
437448.90000	3871910.00000	1.0439030e-02	749.00	749.00	1.20	PERIOD
PROPERTY	00043872					
437448.90000	3872010.00000	1.0951960e-02	748.66	748.66	1.20	PERIOD
PROPERTY	00043872					
437448.90000	3872110.00000	1.1424830e-02	748.05	748.05	1.20	PERIOD
PROPERTY	00043872					
437448.90000	3872210.00000	1.1696710e-02	748.00	748.00	1.20	PERIOD
PROPERTY	00043872					
437448.90000	3872310.00000	1.2125030e-02	747.16	747.16	1.20	PERIOD
PROPERTY	00043872					
437448.90000	3872410.00000	1.2314280e-02	747.00	747.00	1.20	PERIOD
PROPERTY	00043872					
437448.90000	3872510.00000	1.2711770e-02	746.00	746.00	1.20	PERIOD
PROPERTY	00043872					
437448.90000	3872610.00000	1.2746250e-02	746.00	746.00	1.20	PERIOD
PROPERTY	00043872					
437449.00000	3872710.00000	1.3051470e-02	745.00	745.00	1.20	PERIOD
PROPERTY	00043872					
437449.00000	3872810.00000	1.3339770e-02	744.00	744.00	1.20	PERIOD
PROPERTY	00043872					
437449.00000	3872910.00000	1.3189270e-02	744.00	744.00	1.20	PERIOD
PROPERTY	00043872					
437449.00000	3873010.00000	1.3297740e-02	743.00	743.00	1.20	PERIOD
PROPERTY	00043872					
437449.00000	3873110.00000	1.3170740e-02	742.00	742.00	1.20	PERIOD
PROPERTY	00043872					
437449.00000	3873210.00000	1.1640280e-02	741.00	741.00	1.20	PERIOD
PROPERTY	00043872					
437449.00000	3873211.00000	1.1580500e-02	741.00	741.00	1.20	PERIOD
PROPERTY	00043872					
437349.00000	3873212.00000	1.5610420e-02	740.45	740.45	1.20	PERIOD
PROPERTY	00043872					

437249.00000	3873213.00000	1.6725930e-02	740.41	740.41	1.20	PERIOD
PROPERTY	00043872					
437149.00000	3873215.00000	1.7799160e-02	739.55	739.55	1.20	PERIOD
PROPERTY	00043872					
437049.00000	3873216.00000	1.9327630e-02	738.31	738.31	1.20	PERIOD
PROPERTY	00043872					
436949.00000	3873217.00000	1.9871450e-02	738.00	738.00	1.20	PERIOD
PROPERTY	00043872					
436849.00000	3873218.00000	2.0007920e-02	738.00	738.00	1.20	PERIOD
PROPERTY	00043872					
436749.10000	3873220.00000	1.9909880e-02	738.00	738.00	1.20	PERIOD
PROPERTY	00043872					
436649.10000	3873221.00000	2.2002800e-02	737.00	737.00	1.20	PERIOD
PROPERTY	00043872					
436549.10000	3873222.00000	2.4805380e-02	736.00	736.00	1.20	PERIOD
PROPERTY	00043872					
436449.10000	3873224.00000	2.2979370e-02	735.00	735.00	1.20	PERIOD
PROPERTY	00043872					
436349.10000	3873225.00000	2.2303520e-02	734.01	734.01	1.20	PERIOD
PROPERTY	00043872					
436249.10000	3873226.00000	2.1742620e-02	733.30	733.30	1.20	PERIOD
PROPERTY	00043872					
436149.10000	3873228.00000	2.0229190e-02	732.00	732.00	1.20	PERIOD
PROPERTY	00043872					
436049.10000	3873229.00000	1.9078900e-02	731.69	731.69	1.20	PERIOD
PROPERTY	00043872					
435949.10000	3873230.00000	1.7057530e-02	731.00	731.00	1.20	PERIOD
PROPERTY	00043872					
435849.10000	3873232.00000	1.1323310e-02	730.00	730.00	1.20	PERIOD
PROPERTY	00043872					
435835.80000	3873232.00000	9.8259590e-03	730.00	730.00	1.20	PERIOD
PROPERTY	00043872					
435833.70000	3873132.00000	1.2232900e-02	730.05	730.05	1.20	PERIOD
PROPERTY	00043872					
435831.70000	3873032.00000	1.3193340e-02	731.00	731.00	1.20	PERIOD
PROPERTY	00043872					
435829.70000	3872932.00000	1.3620710e-02	731.26	731.26	1.20	PERIOD
PROPERTY	00043872					
435827.70000	3872832.00000	1.4080870e-02	732.00	732.00	1.20	PERIOD
PROPERTY	00043872					
435825.60000	3872732.00000	1.4266750e-02	732.19	732.19	1.20	PERIOD
PROPERTY	00043872					
435823.60000	3872632.00000	1.4689620e-02	733.00	733.00	1.20	PERIOD
PROPERTY	00043872					
435821.60000	3872532.00000	1.4690820e-02	733.00	733.00	1.20	PERIOD
PROPERTY	00043872					
435819.60000	3872432.00000	1.4651960e-02	733.00	733.00	1.20	PERIOD
PROPERTY	00043872					
435817.50000	3872332.00000	1.4640090e-02	733.98	733.98	1.20	PERIOD
PROPERTY	00043872					

435815.50000	3872232.00000	1.4503430e-02	734.10	734.10	1.20	PERIOD
PROPERTY	00043872					
435813.50000	3872132.00000	1.4430870e-02	734.79	734.79	1.20	PERIOD
PROPERTY	00043872					
435811.50000	3872032.00000	1.4150840e-02	734.72	734.72	1.20	PERIOD
PROPERTY	00043872					
435809.40000	3871932.00000	1.3736910e-02	734.58	734.58	1.20	PERIOD
PROPERTY	00043872					
435807.40000	3871832.00000	1.3206540e-02	734.00	734.00	1.20	PERIOD
PROPERTY	00043872					
435805.40000	3871732.00000	1.2520070e-02	734.00	734.00	1.20	PERIOD
PROPERTY	00043872					
435803.40000	3871632.00000	1.1319720e-02	734.00	734.00	1.20	PERIOD
PROPERTY	00043872					
435801.40000	3871532.00000	7.8478160e-03	734.00	734.00	1.20	PERIOD
PROPERTY	00043872					

## *GLC Period Files*

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Project Site 4

\* AERMOD ( 19191): HARP GENERATED FILE  
 09/10/20  
 \* AERMET ( 14134):  
 16:29:54  
 \* MODELING OPTIONS USED: RegDFAULT CONC ELEV FLGPOL RURAL  
 \* PLOT FILE OF PERIOD VALUES FOR SOURCE GROUP: ALL  
 \* FOR A TOTAL OF 1488 RECEPTORS.  
 \* FORMAT: (3(1X,F13.5),3(1X,F8.2),2X,A6,2X,A8,2X,I8.8,2X,A8)

* X	Y	AVERAGE CONC	ZELEV	ZHILL	ZFLAG	AVE	GRP
NUM HRS	NET ID						
430733.00000	3864761.00000	3.1824730e-05	724.10	724.10	1.20	PERIOD	
CARTGRID 00043872	COURSE						
431233.00000	3864761.00000	3.1249830e-05	725.10	725.10	1.20	PERIOD	
CARTGRID 00043872	COURSE						
431733.00000	3864761.00000	3.2112180e-05	732.00	732.00	1.20	PERIOD	
CARTGRID 00043872	COURSE						
432233.00000	3864761.00000	3.2399620e-05	744.10	744.10	1.20	PERIOD	
CARTGRID 00043872	COURSE						
432733.00000	3864761.00000	3.2112180e-05	754.30	754.30	1.20	PERIOD	
CARTGRID 00043872	COURSE						
433233.00000	3864761.00000	3.2522820e-05	767.80	767.80	1.20	PERIOD	
CARTGRID 00043872	COURSE						
433733.00000	3864761.00000	2.8868110e-05	789.90	789.90	1.20	PERIOD	
CARTGRID 00043872	COURSE						
434233.00000	3864761.00000	2.1722940e-05	818.20	922.00	1.20	PERIOD	
CARTGRID 00043872	COURSE						
434733.00000	3864761.00000	1.5275870e-05	856.60	922.00	1.20	PERIOD	
CARTGRID 00043872	COURSE						
435233.00000	3864761.00000	1.3263720e-05	901.00	909.00	1.20	PERIOD	
CARTGRID 00043872	COURSE						
435733.00000	3864761.00000	1.2647760e-05	903.00	903.00	1.20	PERIOD	
CARTGRID 00043872	COURSE						
436233.00000	3864761.00000	1.1539030e-05	898.00	898.00	1.20	PERIOD	
CARTGRID 00043872	COURSE						
436733.00000	3864761.00000	9.8964630e-06	910.30	910.30	1.20	PERIOD	
CARTGRID 00043872	COURSE						
437233.00000	3864761.00000	9.1573080e-06	893.80	893.80	1.20	PERIOD	
CARTGRID 00043872	COURSE						
437733.00000	3864761.00000	8.6234740e-06	893.80	893.80	1.20	PERIOD	
CARTGRID 00043872	COURSE						
438233.00000	3864761.00000	8.0485760e-06	902.00	902.00	1.20	PERIOD	
CARTGRID 00043872	COURSE						
438733.00000	3864761.00000	7.4326140e-06	917.70	917.70	1.20	PERIOD	
CARTGRID 00043872	COURSE						
439233.00000	3864761.00000	6.9809080e-06	925.70	925.70	1.20	PERIOD	
CARTGRID 00043872	COURSE						

439733.00000	3864761.00000	6.5292020e-06	939.40	939.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
440233.00000	3864761.00000	6.8166510e-06	942.10	942.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
440733.00000	3864761.00000	7.7611270e-06	909.90	932.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
441233.00000	3864761.00000	7.9664480e-06	891.60	891.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
441733.00000	3864761.00000	8.2128330e-06	876.00	876.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
442233.00000	3864761.00000	8.8698590e-06	865.20	865.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
442733.00000	3864761.00000	9.1573080e-06	859.10	859.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
443233.00000	3864761.00000	8.9109230e-06	853.90	853.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
443733.00000	3864761.00000	8.2949610e-06	852.10	852.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
444233.00000	3864761.00000	8.0485760e-06	852.00	852.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
444733.00000	3864761.00000	7.8843200e-06	859.20	859.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
445233.00000	3864761.00000	7.1041000e-06	874.90	874.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
445733.00000	3864761.00000	6.3649450e-06	893.00	893.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
430733.00000	3865261.00000	3.4165380e-05	741.80	774.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
431233.00000	3865261.00000	3.4247510e-05	731.00	731.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
431733.00000	3865261.00000	3.4904540e-05	727.80	727.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
432233.00000	3865261.00000	3.5233050e-05	736.90	736.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
432733.00000	3865261.00000	3.5684760e-05	744.60	744.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
433233.00000	3865261.00000	3.7286260e-05	761.30	761.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
433733.00000	3865261.00000	3.3467290e-05	781.90	933.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
434233.00000	3865261.00000	2.5541910e-05	808.20	961.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
434733.00000	3865261.00000	1.5316930e-05	875.20	933.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
435233.00000	3865261.00000	1.3756490e-05	916.70	916.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
435733.00000	3865261.00000	1.2647760e-05	931.40	941.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
436233.00000	3865261.00000	1.1621160e-05	917.90	917.90	1.20	PERIOD
CARTGRID	00043872	COURSE				



436733.00000	3865261.00000	1.0142850e-05	910.80	946.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
437233.00000	3865261.00000	9.3626290e-06	904.50	904.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
437733.00000	3865261.00000	8.9109230e-06	907.50	907.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
438233.00000	3865261.00000	8.3360260e-06	909.80	909.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
438733.00000	3865261.00000	7.6789980e-06	918.10	918.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
439233.00000	3865261.00000	7.3094210e-06	930.40	930.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
439733.00000	3865261.00000	7.1451640e-06	938.70	938.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
440233.00000	3865261.00000	8.0485760e-06	926.30	926.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
440733.00000	3865261.00000	8.4592180e-06	897.20	915.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
441233.00000	3865261.00000	8.6234740e-06	879.00	879.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
441733.00000	3865261.00000	9.2805010e-06	865.90	865.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
442233.00000	3865261.00000	9.7322060e-06	855.60	855.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
442733.00000	3865261.00000	9.4447580e-06	851.50	851.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
443233.00000	3865261.00000	9.0341150e-06	848.00	848.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
443733.00000	3865261.00000	8.9519880e-06	846.90	846.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
444233.00000	3865261.00000	9.3215650e-06	846.70	846.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
444733.00000	3865261.00000	8.7056030e-06	855.10	855.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
445233.00000	3865261.00000	7.8843200e-06	865.90	865.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
445733.00000	3865261.00000	7.2683570e-06	879.40	910.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
430733.00000	3865761.00000	3.3754740e-05	762.60	766.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
431233.00000	3865761.00000	3.6136460e-05	743.50	743.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
431733.00000	3865761.00000	3.7820090e-05	734.00	734.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
432233.00000	3865761.00000	3.8723500e-05	730.30	730.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
432733.00000	3865761.00000	3.9421600e-05	737.00	737.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
433233.00000	3865761.00000	4.3610140e-05	751.40	751.40	1.20	PERIOD
CARTGRID	00043872	COURSE				

433733.00000	3865761.00000	4.3117370e-05	769.30	941.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
434233.00000	3865761.00000	3.2276430e-05	794.00	961.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
434733.00000	3865761.00000	1.9792930e-05	832.00	961.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
435233.00000	3865761.00000	1.4742040e-05	901.90	961.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
435733.00000	3865761.00000	1.3017340e-05	951.10	961.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
436233.00000	3865761.00000	1.1744350e-05	939.10	971.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
436733.00000	3865761.00000	1.0307110e-05	930.10	957.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
437233.00000	3865761.00000	9.6500780e-06	919.30	926.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
437733.00000	3865761.00000	9.0751800e-06	930.90	964.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
438233.00000	3865761.00000	8.4592180e-06	922.70	964.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
438733.00000	3865761.00000	7.9253830e-06	924.30	945.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
439233.00000	3865761.00000	8.1717690e-06	904.40	904.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
439733.00000	3865761.00000	8.6234740e-06	912.00	930.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
440233.00000	3865761.00000	9.0751800e-06	895.70	928.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
440733.00000	3865761.00000	9.2394370e-06	877.90	916.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
441233.00000	3865761.00000	9.8143350e-06	863.20	863.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
441733.00000	3865761.00000	1.0266040e-05	853.70	853.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
442233.00000	3865761.00000	1.0224980e-05	846.00	846.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
442733.00000	3865761.00000	1.0060720e-05	840.90	840.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
443233.00000	3865761.00000	1.0019660e-05	842.00	842.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
443733.00000	3865761.00000	1.0594550e-05	841.00	841.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
444233.00000	3865761.00000	1.0430300e-05	843.00	843.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
444733.00000	3865761.00000	9.3215650e-06	852.80	852.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
445233.00000	3865761.00000	8.5413460e-06	864.80	864.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
445733.00000	3865761.00000	7.5558060e-06	885.80	885.80	1.20	PERIOD
CARTGRID	00043872	COURSE				

430733.00000	3866261.00000	3.7368390e-05	765.50	765.50	1.20	PERIOD
CARTGRID 00043872 COURSE						
431233.00000	3866261.00000	3.9873300e-05	749.40	749.40	1.20	PERIOD
CARTGRID 00043872 COURSE						
431733.00000	3866261.00000	4.1515870e-05	737.20	737.20	1.20	PERIOD
CARTGRID 00043872 COURSE						
432233.00000	3866261.00000	4.2624600e-05	729.00	729.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
432733.00000	3866261.00000	4.4226100e-05	732.00	732.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
433233.00000	3866261.00000	4.9851900e-05	741.90	741.90	1.20	PERIOD
CARTGRID 00043872 COURSE						
433733.00000	3866261.00000	5.4738530e-05	758.60	961.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
434233.00000	3866261.00000	4.7182730e-05	774.50	961.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
434733.00000	3866261.00000	2.8909170e-05	801.90	971.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
435233.00000	3866261.00000	2.0121440e-05	827.60	971.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
435733.00000	3866261.00000	1.5275870e-05	866.90	971.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
436233.00000	3866261.00000	1.1949670e-05	960.40	960.40	1.20	PERIOD
CARTGRID 00043872 COURSE						
436733.00000	3866261.00000	1.0635620e-05	938.00	972.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
437233.00000	3866261.00000	1.0142850e-05	933.50	1001.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
437733.00000	3866261.00000	9.4858210e-06	931.30	996.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
438233.00000	3866261.00000	9.0341150e-06	901.80	1034.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
438733.00000	3866261.00000	8.9519880e-06	887.20	1034.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
439233.00000	3866261.00000	9.6090130e-06	879.00	879.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
439733.00000	3866261.00000	9.9785920e-06	880.30	928.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
440233.00000	3866261.00000	1.0142850e-05	868.20	927.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
440733.00000	3866261.00000	1.0676680e-05	855.50	855.50	1.20	PERIOD
CARTGRID 00043872 COURSE						
441233.00000	3866261.00000	1.1210520e-05	846.10	846.10	1.20	PERIOD
CARTGRID 00043872 COURSE						
441733.00000	3866261.00000	1.1292640e-05	838.00	838.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
442233.00000	3866261.00000	1.1374770e-05	834.00	834.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
442733.00000	3866261.00000	1.1867540e-05	832.60	832.60	1.20	PERIOD
CARTGRID 00043872 COURSE						

443233.00000	3866261.00000	1.2401380e-05	833.20	833.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
443733.00000	3866261.00000	1.2237120e-05	834.00	834.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
444233.00000	3866261.00000	1.1292640e-05	840.00	840.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
444733.00000	3866261.00000	1.0101780e-05	851.10	851.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
445233.00000	3866261.00000	8.7466660e-06	865.10	865.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
445733.00000	3866261.00000	8.0075110e-06	867.10	867.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
430733.00000	3866761.00000	5.0919560e-05	748.20	748.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
431233.00000	3866761.00000	4.9194870e-05	740.30	740.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
431733.00000	3866761.00000	4.6032930e-05	739.90	750.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
432233.00000	3866761.00000	4.7511240e-05	727.60	727.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
432733.00000	3866761.00000	4.8743160e-05	724.00	724.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
433233.00000	3866761.00000	5.6997060e-05	732.40	732.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
433733.00000	3866761.00000	6.9152050e-05	744.40	941.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
434233.00000	3866761.00000	6.3362000e-05	762.60	961.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
434733.00000	3866761.00000	4.1967570e-05	781.70	971.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
435233.00000	3866761.00000	2.7430860e-05	804.60	971.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
435733.00000	3866761.00000	1.8807390e-05	831.30	1026.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
436233.00000	3866761.00000	1.3756490e-05	871.60	1026.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
436733.00000	3866761.00000	1.1539030e-05	926.00	1026.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
437233.00000	3866761.00000	9.1573080e-06	990.00	1001.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
437733.00000	3866761.00000	9.9375270e-06	925.00	1034.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
438233.00000	3866761.00000	9.7322060e-06	890.10	1034.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
438733.00000	3866761.00000	1.0389230e-05	867.90	1034.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
439233.00000	3866761.00000	1.1333710e-05	858.50	1034.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
439733.00000	3866761.00000	1.1539030e-05	851.80	851.80	1.20	PERIOD
CARTGRID	00043872	COURSE				

440233.00000	3866761.00000	1.2072860e-05	842.40	842.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
440733.00000	3866761.00000	1.2565630e-05	835.50	835.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
441233.00000	3866761.00000	1.2688830e-05	830.50	830.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
441733.00000	3866761.00000	1.3140530e-05	826.50	826.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
442233.00000	3866761.00000	1.4002880e-05	825.50	825.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
442733.00000	3866761.00000	1.4947360e-05	824.00	824.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
443233.00000	3866761.00000	1.4126070e-05	827.10	827.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
443733.00000	3866761.00000	1.2812020e-05	833.80	833.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
444233.00000	3866761.00000	1.1785410e-05	840.00	840.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
444733.00000	3866761.00000	1.0430300e-05	846.50	846.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
445233.00000	3866761.00000	8.9930520e-06	851.60	851.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
445733.00000	3866761.00000	7.9664480e-06	854.90	854.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
430733.00000	3867261.00000	6.1760500e-05	728.10	728.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
431233.00000	3867261.00000	5.8968140e-05	725.90	725.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
431733.00000	3867261.00000	5.5354490e-05	722.80	722.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
432233.00000	3867261.00000	5.3547670e-05	719.00	719.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
432733.00000	3867261.00000	5.4122570e-05	718.10	718.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
433233.00000	3867261.00000	6.3649450e-05	724.00	724.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
433733.00000	3867261.00000	7.9787670e-05	733.40	733.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
434233.00000	3867261.00000	8.4468990e-05	747.90	961.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
434733.00000	3867261.00000	6.7509490e-05	762.60	970.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
435233.00000	3867261.00000	4.2665670e-05	779.90	1026.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
435733.00000	3867261.00000	2.8950230e-05	798.50	1034.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
436233.00000	3867261.00000	1.9135900e-05	823.40	1034.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
436733.00000	3867261.00000	1.4002880e-05	857.60	1034.00	1.20	PERIOD
CARTGRID	00043872	COURSE				

437233.00000	3867261.00000	1.0594550e-05	968.80	1026.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
437733.00000	3867261.00000	8.7466660e-06	991.30	1034.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
438233.00000	3867261.00000	1.0101780e-05	934.10	1034.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
438733.00000	3867261.00000	1.2278180e-05	854.70	1034.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
439233.00000	3867261.00000	1.3017340e-05	843.00	1034.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
439733.00000	3867261.00000	1.3427980e-05	834.80	1034.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
440233.00000	3867261.00000	1.4372460e-05	824.70	824.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
440733.00000	3867261.00000	1.5029480e-05	818.80	818.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
441233.00000	3867261.00000	1.5809700e-05	816.80	816.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
441733.00000	3867261.00000	1.7041630e-05	816.80	816.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
442233.00000	3867261.00000	1.7657590e-05	816.80	816.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
442733.00000	3867261.00000	1.6959500e-05	818.00	818.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
443233.00000	3867261.00000	1.5440130e-05	823.40	823.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
443733.00000	3867261.00000	1.2770950e-05	836.00	836.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
444233.00000	3867261.00000	1.1785410e-05	836.00	836.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
444733.00000	3867261.00000	1.0224980e-05	838.10	838.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
445233.00000	3867261.00000	9.0751800e-06	846.80	846.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
445733.00000	3867261.00000	8.9930520e-06	853.40	853.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
430733.00000	3867761.00000	6.9932270e-05	719.10	719.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
431233.00000	3867761.00000	6.7837990e-05	717.90	717.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
431733.00000	3867761.00000	6.4593920e-05	716.00	716.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
432233.00000	3867761.00000	6.1760500e-05	715.00	715.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
432733.00000	3867761.00000	6.1226670e-05	715.00	715.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
433233.00000	3867761.00000	7.1492710e-05	717.80	717.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
433733.00000	3867761.00000	8.9684140e-05	726.40	726.40	1.20	PERIOD
CARTGRID	00043872	COURSE				

434233.00000	3867761.00000	9.9087830e-05	736.30	736.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
434733.00000	3867761.00000	9.0423280e-05	750.90	965.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
435233.00000	3867761.00000	6.2047950e-05	765.40	1026.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
435733.00000	3867761.00000	3.8764570e-05	785.30	1034.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
436233.00000	3867761.00000	2.6075740e-05	803.70	1034.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
436733.00000	3867761.00000	1.7452270e-05	826.60	1034.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
437233.00000	3867761.00000	1.3181600e-05	873.80	1034.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
437733.00000	3867761.00000	9.6500780e-06	982.60	1034.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
438233.00000	3867761.00000	1.1580090e-05	919.80	1034.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
438733.00000	3867761.00000	1.4085010e-05	846.80	1034.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
439233.00000	3867761.00000	1.5111610e-05	829.00	1034.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
439733.00000	3867761.00000	1.5316930e-05	823.60	1034.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
440233.00000	3867761.00000	1.7329080e-05	813.90	813.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
440733.00000	3867761.00000	1.9135900e-05	809.00	809.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
441233.00000	3867761.00000	2.0778470e-05	809.00	809.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
441733.00000	3867761.00000	2.0860590e-05	810.00	810.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
442233.00000	3867761.00000	1.8684200e-05	814.70	814.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
442733.00000	3867761.00000	1.5686510e-05	825.30	825.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
443233.00000	3867761.00000	1.2401380e-05	840.90	840.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
443733.00000	3867761.00000	1.2976280e-05	829.00	829.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
444233.00000	3867761.00000	1.2072860e-05	828.00	828.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
444733.00000	3867761.00000	1.1621160e-05	835.10	835.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
445233.00000	3867761.00000	1.0964130e-05	849.70	849.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
445733.00000	3867761.00000	1.0676680e-05	860.90	860.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
430733.00000	3868261.00000	7.8021910e-05	709.20	709.20	1.20	PERIOD
CARTGRID	00043872	COURSE				

431233.00000	3868261.00000	7.7241690e-05	710.40	710.40	1.20	PERIOD
CARTGRID 00043872 COURSE						
431733.00000	3868261.00000	7.5475930e-05	711.50	711.50	1.20	PERIOD
CARTGRID 00043872 COURSE						
432233.00000	3868261.00000	7.2888890e-05	711.50	711.50	1.20	PERIOD
CARTGRID 00043872 COURSE						
432733.00000	3868261.00000	7.0630360e-05	711.00	711.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
433233.00000	3868261.00000	8.1471300e-05	713.00	713.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
433733.00000	3868261.00000	1.0118210e-04	719.00	719.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
434233.00000	3868261.00000	1.1136600e-04	729.60	729.60	1.20	PERIOD
CARTGRID 00043872 COURSE						
434733.00000	3868261.00000	1.0877900e-04	741.30	741.30	1.20	PERIOD
CARTGRID 00043872 COURSE						
435233.00000	3868261.00000	8.4222590e-05	754.90	1026.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
435733.00000	3868261.00000	5.9584100e-05	769.60	1034.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
436233.00000	3868261.00000	3.8189670e-05	782.50	1034.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
436733.00000	3868261.00000	2.4104660e-05	801.10	1034.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
437233.00000	3868261.00000	1.7164820e-05	827.20	1034.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
437733.00000	3868261.00000	1.3345850e-05	888.40	1034.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
438233.00000	3868261.00000	1.3181600e-05	913.70	1034.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
438733.00000	3868261.00000	1.6138220e-05	835.40	1034.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
439233.00000	3868261.00000	1.7288010e-05	818.60	1034.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
439733.00000	3868261.00000	1.9423350e-05	811.30	1034.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
440233.00000	3868261.00000	2.3078060e-05	803.50	803.50	1.20	PERIOD
CARTGRID 00043872 COURSE						
440733.00000	3868261.00000	2.5870420e-05	800.50	800.50	1.20	PERIOD
CARTGRID 00043872 COURSE						
441233.00000	3868261.00000	2.4474240e-05	804.00	804.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
441733.00000	3868261.00000	1.8561000e-05	818.60	818.60	1.20	PERIOD
CARTGRID 00043872 COURSE						
442233.00000	3868261.00000	1.3920750e-05	835.80	841.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
442733.00000	3868261.00000	1.2442440e-05	844.60	844.60	1.20	PERIOD
CARTGRID 00043872 COURSE						
443233.00000	3868261.00000	1.2976280e-05	834.10	834.10	1.20	PERIOD
CARTGRID 00043872 COURSE						



443733.00000	3868261.00000	1.4126070e-05	827.20	827.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
444233.00000	3868261.00000	1.6015020e-05	823.00	823.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
444733.00000	3868261.00000	1.5645450e-05	831.20	831.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
445233.00000	3868261.00000	1.4783100e-05	839.40	842.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
445733.00000	3868261.00000	1.4126070e-05	847.90	860.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
430733.00000	3868761.00000	8.6234740e-05	704.40	704.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
431233.00000	3868761.00000	8.7014970e-05	704.10	704.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
431733.00000	3868761.00000	8.7713050e-05	707.60	707.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
432233.00000	3868761.00000	8.6604330e-05	708.00	708.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
432733.00000	3868761.00000	8.4099400e-05	709.00	709.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
433233.00000	3868761.00000	9.4981410e-05	710.00	710.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
433733.00000	3868761.00000	1.1473330e-04	713.00	713.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
434233.00000	3868761.00000	1.2512250e-04	720.90	720.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
434733.00000	3868761.00000	1.2413700e-04	730.60	730.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
435233.00000	3868761.00000	1.1251580e-04	742.80	1026.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
435733.00000	3868761.00000	8.9971580e-05	755.90	1034.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
436233.00000	3868761.00000	5.6175770e-05	767.60	1034.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
436733.00000	3868761.00000	3.4206440e-05	783.30	1034.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
437233.00000	3868761.00000	2.4638500e-05	799.90	1034.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
437733.00000	3868761.00000	2.0573140e-05	815.40	1034.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
438233.00000	3868761.00000	1.8725260e-05	829.60	1034.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
438733.00000	3868761.00000	2.0203570e-05	812.50	1034.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
439233.00000	3868761.00000	2.2954870e-05	806.80	1034.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
439733.00000	3868761.00000	2.5829360e-05	802.50	1025.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
440233.00000	3868761.00000	3.0141100e-05	796.80	796.80	1.20	PERIOD
CARTGRID	00043872	COURSE				

440733.00000	3868761.00000	2.9443000e-05	796.80	796.80	1.20	PERIOD
CARTGRID 00043872 COURSE						
441233.00000	3868761.00000	1.9382290e-05	817.30	823.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
441733.00000	3868761.00000	1.3551170e-05	847.10	847.10	1.20	PERIOD
CARTGRID 00043872 COURSE						
442233.00000	3868761.00000	1.3510110e-05	844.60	844.60	1.20	PERIOD
CARTGRID 00043872 COURSE						
442733.00000	3868761.00000	1.4290330e-05	838.00	838.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
443233.00000	3868761.00000	1.6754180e-05	827.90	827.90	1.20	PERIOD
CARTGRID 00043872 COURSE						
443733.00000	3868761.00000	1.7370140e-05	829.80	829.80	1.20	PERIOD
CARTGRID 00043872 COURSE						
444233.00000	3868761.00000	2.1394430e-05	817.10	817.10	1.20	PERIOD
CARTGRID 00043872 COURSE						
444733.00000	3868761.00000	2.0449950e-05	822.70	822.70	1.20	PERIOD
CARTGRID 00043872 COURSE						
445233.00000	3868761.00000	1.7821850e-05	835.40	835.40	1.20	PERIOD
CARTGRID 00043872 COURSE						
445733.00000	3868761.00000	1.8273550e-05	827.90	827.90	1.20	PERIOD
CARTGRID 00043872 COURSE						
430733.00000	3869261.00000	9.3954800e-05	696.20	696.20	1.20	PERIOD
CARTGRID 00043872 COURSE						
431233.00000	3869261.00000	9.7322070e-05	701.00	701.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
431733.00000	3869261.00000	1.0122320e-04	705.00	705.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
432233.00000	3869261.00000	1.0479570e-04	714.40	714.40	1.20	PERIOD
CARTGRID 00043872 COURSE						
432733.00000	3869261.00000	1.0233190e-04	707.00	707.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
433233.00000	3869261.00000	1.1448690e-04	709.70	709.70	1.20	PERIOD
CARTGRID 00043872 COURSE						
433733.00000	3869261.00000	1.3333530e-04	712.90	712.90	1.20	PERIOD
CARTGRID 00043872 COURSE						
434233.00000	3869261.00000	1.4060370e-04	714.00	714.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
434733.00000	3869261.00000	1.4002880e-04	723.80	723.80	1.20	PERIOD
CARTGRID 00043872 COURSE						
435233.00000	3869261.00000	1.3382810e-04	734.00	734.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
435733.00000	3869261.00000	1.1814160e-04	745.10	1026.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
436233.00000	3869261.00000	8.4263670e-05	757.10	1034.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
436733.00000	3869261.00000	4.6854210e-05	770.10	1034.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
437233.00000	3869261.00000	3.4781340e-05	783.10	1034.00	1.20	PERIOD
CARTGRID 00043872 COURSE						

437733.00000	3869261.00000	2.3981470e-05	812.20	1034.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
438233.00000	3869261.00000	2.1189110e-05	821.50	1034.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
438733.00000	3869261.00000	3.0757060e-05	795.10	1034.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
439233.00000	3869261.00000	3.2687080e-05	795.10	1034.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
439733.00000	3869261.00000	3.4493900e-05	794.00	794.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
440233.00000	3869261.00000	3.5438370e-05	790.10	790.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
440733.00000	3869261.00000	2.8827040e-05	798.70	798.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
441233.00000	3869261.00000	2.1928260e-05	815.50	815.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
441733.00000	3869261.00000	1.9382290e-05	824.40	824.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
442233.00000	3869261.00000	1.9341220e-05	826.10	826.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
442733.00000	3869261.00000	2.0696340e-05	824.10	824.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
443233.00000	3869261.00000	2.3201250e-05	818.00	818.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
443733.00000	3869261.00000	2.2297840e-05	822.80	822.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
444233.00000	3869261.00000	2.3365510e-05	816.80	823.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
444733.00000	3869261.00000	2.1887200e-05	818.00	818.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
445233.00000	3869261.00000	1.7534400e-05	828.20	828.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
445733.00000	3869261.00000	1.6138220e-05	823.00	823.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
430733.00000	3869761.00000	1.0742390e-04	696.00	696.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
431233.00000	3869761.00000	1.1042150e-04	699.10	699.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
431733.00000	3869761.00000	1.1649900e-04	707.00	707.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
432233.00000	3869761.00000	1.2237120e-04	707.00	707.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
432733.00000	3869761.00000	1.2582060e-04	707.00	707.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
433233.00000	3869761.00000	1.4421730e-04	713.00	713.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
433733.00000	3869761.00000	1.5883620e-04	714.00	714.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
434233.00000	3869761.00000	1.6277830e-04	716.00	716.00	1.20	PERIOD
CARTGRID	00043872	COURSE				

434733.00000	3869761.00000	1.6051980e-04	721.00	721.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
435233.00000	3869761.00000	1.5477080e-04	728.40	728.40	1.20	PERIOD
CARTGRID 00043872 COURSE						
435733.00000	3869761.00000	1.4725610e-04	738.10	738.10	1.20	PERIOD
CARTGRID 00043872 COURSE						
436233.00000	3869761.00000	1.1547240e-04	746.90	1015.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
436733.00000	3869761.00000	6.9234190e-05	758.20	1034.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
437233.00000	3869761.00000	5.2192550e-05	766.50	1034.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
437733.00000	3869761.00000	3.9832240e-05	782.90	1034.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
438233.00000	3869761.00000	3.9010950e-05	789.00	1023.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
438733.00000	3869761.00000	4.3815460e-05	785.50	970.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
439233.00000	3869761.00000	4.3569080e-05	786.00	786.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
439733.00000	3869761.00000	4.2788860e-05	784.50	784.50	1.20	PERIOD
CARTGRID 00043872 COURSE						
440233.00000	3869761.00000	4.3815460e-05	783.10	783.10	1.20	PERIOD
CARTGRID 00043872 COURSE						
440733.00000	3869761.00000	3.6916680e-05	794.80	794.80	1.20	PERIOD
CARTGRID 00043872 COURSE						
441233.00000	3869761.00000	3.2030050e-05	802.20	802.20	1.20	PERIOD
CARTGRID 00043872 COURSE						
441733.00000	3869761.00000	2.9730450e-05	806.50	806.50	1.20	PERIOD
CARTGRID 00043872 COURSE						
442233.00000	3869761.00000	2.8744910e-05	810.00	810.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
442733.00000	3869761.00000	2.4556370e-05	823.00	823.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
443233.00000	3869761.00000	2.8416400e-05	810.00	810.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
443733.00000	3869761.00000	2.5213400e-05	811.30	817.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
444233.00000	3869761.00000	2.3242320e-05	805.00	805.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
444733.00000	3869761.00000	1.8602070e-05	814.60	814.60	1.20	PERIOD
CARTGRID 00043872 COURSE						
445233.00000	3869761.00000	1.5152680e-05	830.60	830.60	1.20	PERIOD
CARTGRID 00043872 COURSE						
445733.00000	3869761.00000	1.4783100e-05	814.20	814.20	1.20	PERIOD
CARTGRID 00043872 COURSE						
430733.00000	3870261.00000	1.2561530e-04	698.00	698.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
431233.00000	3870261.00000	1.3222660e-04	700.80	700.80	1.20	PERIOD
CARTGRID 00043872 COURSE						

431733.00000	3870261.00000	1.3411560e-04	702.60	702.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
432233.00000	3870261.00000	1.4356030e-04	707.40	707.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
432733.00000	3870261.00000	1.5452440e-04	707.00	707.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
433233.00000	3870261.00000	1.8429600e-04	713.00	713.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
433733.00000	3870261.00000	1.9546540e-04	714.40	714.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
434233.00000	3870261.00000	1.9312480e-04	718.00	718.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
434733.00000	3870261.00000	1.8803280e-04	722.00	722.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
435233.00000	3870261.00000	1.8482980e-04	728.00	728.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
435733.00000	3870261.00000	1.7743830e-04	735.00	735.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
436233.00000	3870261.00000	1.3584030e-04	742.00	742.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
436733.00000	3870261.00000	9.5720560e-05	750.00	750.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
437233.00000	3870261.00000	8.1964070e-05	758.10	899.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
437733.00000	3870261.00000	7.2683560e-05	767.00	899.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
438233.00000	3870261.00000	6.3526260e-05	774.00	899.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
438733.00000	3870261.00000	5.3137030e-05	780.00	899.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
439233.00000	3870261.00000	5.4081510e-05	779.80	779.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
439733.00000	3870261.00000	6.6318620e-05	774.00	774.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
440233.00000	3870261.00000	5.2315740e-05	786.10	786.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
440733.00000	3870261.00000	4.9071680e-05	786.00	786.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
441233.00000	3870261.00000	4.5499090e-05	788.30	788.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
441733.00000	3870261.00000	3.9873300e-05	795.10	795.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
442233.00000	3870261.00000	3.3097720e-05	806.40	806.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
442733.00000	3870261.00000	3.1003440e-05	803.40	803.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
443233.00000	3870261.00000	2.7102350e-05	798.80	798.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
443733.00000	3870261.00000	2.2872740e-05	798.80	798.80	1.20	PERIOD
CARTGRID	00043872	COURSE				

444233.00000	3870261.00000	2.0162500e-05	798.00	798.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
444733.00000	3870261.00000	1.8273550e-05	798.10	798.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
445233.00000	3870261.00000	1.6877370e-05	801.80	801.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
445733.00000	3870261.00000	1.6918440e-05	799.80	799.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
430733.00000	3870761.00000	1.4762570e-04	700.70	700.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
431233.00000	3870761.00000	1.6244980e-04	701.50	701.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
431733.00000	3870761.00000	1.6807560e-04	707.00	707.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
432233.00000	3870761.00000	1.7271590e-04	707.00	707.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
432733.00000	3870761.00000	1.9000390e-04	709.00	709.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
433233.00000	3870761.00000	2.3665280e-04	712.00	712.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
433733.00000	3870761.00000	2.4967010e-04	715.00	715.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
434233.00000	3870761.00000	2.3866490e-04	719.10	719.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
434733.00000	3870761.00000	2.2811140e-04	723.80	723.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
435233.00000	3870761.00000	2.2876840e-04	728.40	728.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
435733.00000	3870761.00000	2.1291770e-04	734.00	734.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
436233.00000	3870761.00000	1.6405130e-04	740.10	740.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
436733.00000	3870761.00000	1.3510110e-04	747.50	747.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
437233.00000	3870761.00000	1.0266040e-04	762.00	762.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
437733.00000	3870761.00000	9.3503110e-05	765.10	765.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
438233.00000	3870761.00000	7.4695720e-05	773.10	773.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
438733.00000	3870761.00000	7.8268300e-05	773.10	773.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
439233.00000	3870761.00000	8.9191360e-05	770.80	770.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
439733.00000	3870761.00000	7.4285080e-05	776.10	776.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
440233.00000	3870761.00000	6.1924760e-05	779.90	779.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
440733.00000	3870761.00000	5.8187920e-05	780.00	780.00	1.20	PERIOD
CARTGRID	00043872	COURSE				

441233.00000	3870761.00000	5.4081510e-05	780.50	780.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
441733.00000	3870761.00000	4.2912050e-05	786.10	786.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
442233.00000	3870761.00000	3.5602630e-05	783.10	783.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
442733.00000	3870761.00000	2.8909170e-05	786.10	786.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
443233.00000	3870761.00000	2.4843820e-05	791.90	791.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
443733.00000	3870761.00000	2.3488700e-05	792.00	792.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
444233.00000	3870761.00000	2.3119120e-05	792.00	792.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
444733.00000	3870761.00000	2.3160190e-05	792.00	792.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
445233.00000	3870761.00000	2.4556370e-05	787.30	787.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
445733.00000	3870761.00000	2.3981470e-05	787.10	787.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
430733.00000	3871261.00000	1.7427630e-04	701.60	701.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
431233.00000	3871261.00000	2.0293910e-04	704.10	704.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
431733.00000	3871261.00000	2.1961110e-04	707.00	707.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
432233.00000	3871261.00000	2.2310160e-04	707.00	707.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
432733.00000	3871261.00000	2.4248390e-04	710.00	710.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
433233.00000	3871261.00000	3.0728310e-04	713.00	713.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
433733.00000	3871261.00000	3.2646010e-04	715.20	715.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
434233.00000	3871261.00000	3.1331960e-04	720.00	720.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
434733.00000	3871261.00000	2.9385520e-04	724.00	724.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
435233.00000	3871261.00000	2.9093960e-04	729.00	729.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
435733.00000	3871261.00000	2.7677250e-04	734.00	734.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
436233.00000	3871261.00000	2.2995930e-04	737.40	737.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
436733.00000	3871261.00000	1.9723120e-04	743.00	743.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
437233.00000	3871261.00000	1.7452270e-04	749.50	749.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
437733.00000	3871261.00000	1.5095190e-04	756.00	756.00	1.20	PERIOD
CARTGRID	00043872	COURSE				

438233.00000	3871261.00000	1.3452620e-04	761.70	761.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
438733.00000	3871261.00000	1.3202130e-04	762.40	762.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
439233.00000	3871261.00000	9.4570770e-05	769.90	769.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
439733.00000	3871261.00000	8.0239380e-05	771.50	771.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
440233.00000	3871261.00000	7.2806760e-05	772.00	772.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
440733.00000	3871261.00000	6.0569640e-05	772.90	772.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
441233.00000	3871261.00000	4.7388050e-05	774.00	774.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
441733.00000	3871261.00000	4.0858840e-05	774.00	774.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
442233.00000	3871261.00000	3.7368390e-05	776.00	776.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
442733.00000	3871261.00000	3.4452830e-05	780.00	780.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
443233.00000	3871261.00000	3.2399620e-05	783.00	783.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
443733.00000	3871261.00000	3.1044510e-05	783.40	783.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
444233.00000	3871261.00000	2.7759370e-05	786.80	786.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
444733.00000	3871261.00000	2.6116810e-05	783.90	783.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
445233.00000	3871261.00000	2.4104660e-05	780.00	780.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
445733.00000	3871261.00000	2.1517620e-05	777.50	777.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
430733.00000	3871761.00000	2.0454060e-04	704.10	704.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
431233.00000	3871761.00000	2.4112880e-04	705.60	705.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
431733.00000	3871761.00000	2.8991300e-04	707.00	707.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
432233.00000	3871761.00000	3.1003440e-04	707.00	707.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
432733.00000	3871761.00000	3.3914890e-04	710.30	710.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
433233.00000	3871761.00000	4.1819740e-04	713.00	713.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
433733.00000	3871761.00000	4.3852420e-04	715.00	715.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
434233.00000	3871761.00000	4.4143980e-04	719.00	719.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
434733.00000	3871761.00000	4.0887590e-04	724.00	724.00	1.20	PERIOD
CARTGRID	00043872	COURSE				



435233.00000	3871761.00000	4.1573360e-04	728.40	728.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
435733.00000	3871761.00000	4.0444090e-04	733.10	733.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
436233.00000	3871761.00000	3.1167700e-04	738.00	738.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
436733.00000	3871761.00000	2.8231610e-04	742.40	742.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
437233.00000	3871761.00000	2.5118950e-04	747.10	747.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
437733.00000	3871761.00000	2.1796860e-04	752.00	752.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
438233.00000	3871761.00000	1.7415310e-04	756.80	756.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
438733.00000	3871761.00000	1.2442440e-04	761.80	761.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
439233.00000	3871761.00000	1.0027870e-04	766.60	766.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
439733.00000	3871761.00000	8.2949610e-05	768.00	768.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
440233.00000	3871761.00000	6.7920130e-05	767.00	767.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
440733.00000	3871761.00000	5.8680690e-05	767.90	767.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
441233.00000	3871761.00000	5.4533210e-05	767.80	767.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
441733.00000	3871761.00000	5.1042760e-05	768.00	768.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
442233.00000	3871761.00000	4.5047390e-05	771.00	771.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
442733.00000	3871761.00000	3.8846700e-05	774.00	774.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
443233.00000	3871761.00000	3.3713680e-05	775.70	775.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
443733.00000	3871761.00000	2.9607260e-05	777.00	777.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
444233.00000	3871761.00000	2.6281060e-05	780.80	780.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
444733.00000	3871761.00000	2.5213400e-05	778.00	778.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
445233.00000	3871761.00000	2.5090200e-05	774.00	774.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
445733.00000	3871761.00000	2.5131270e-05	771.90	771.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
430733.00000	3872261.00000	2.2297840e-04	705.00	705.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
431233.00000	3872261.00000	2.7566370e-04	706.20	706.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
431733.00000	3872261.00000	3.5122180e-04	707.00	707.00	1.20	PERIOD
CARTGRID	00043872	COURSE				

432233.00000	3872261.00000	4.3618350e-04	709.00	709.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
432733.00000	3872261.00000	5.1781910e-04	710.90	710.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
433233.00000	3872261.00000	6.3378430e-04	712.80	712.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
433733.00000	3872261.00000	6.5784790e-04	715.00	715.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
434233.00000	3872261.00000	6.7546440e-04	719.00	719.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
434733.00000	3872261.00000	6.8162400e-04	723.00	723.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
435233.00000	3872261.00000	6.6979760e-04	728.00	728.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
435733.00000	3872261.00000	6.1756400e-04	733.00	733.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
436233.00000	3872261.00000	4.6657100e-04	737.20	737.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
436733.00000	3872261.00000	3.9052020e-04	741.40	741.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
437233.00000	3872261.00000	3.2526920e-04	746.00	746.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
437733.00000	3872261.00000	2.4318200e-04	750.00	750.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
438233.00000	3872261.00000	1.8786850e-04	752.00	752.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
438733.00000	3872261.00000	1.4791310e-04	753.00	753.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
439233.00000	3872261.00000	1.1066790e-04	755.10	755.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
439733.00000	3872261.00000	9.0710730e-05	758.10	758.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
440233.00000	3872261.00000	7.8391490e-05	760.00	760.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
440733.00000	3872261.00000	6.8125450e-05	761.10	761.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
441233.00000	3872261.00000	5.9830480e-05	761.00	761.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
441733.00000	3872261.00000	5.1617660e-05	763.20	763.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
442233.00000	3872261.00000	4.4759940e-05	767.80	767.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
442733.00000	3872261.00000	4.1639060e-05	768.00	768.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
443233.00000	3872261.00000	3.9339470e-05	769.10	769.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
443733.00000	3872261.00000	3.6998810e-05	771.10	771.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
444233.00000	3872261.00000	3.4329640e-05	774.00	774.00	1.20	PERIOD
CARTGRID	00043872	COURSE				

444733.00000	3872261.00000	3.2194300e-05	774.00	774.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
445233.00000	3872261.00000	3.0715990e-05	770.00	770.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
445733.00000	3872261.00000	2.8827040e-05	767.00	767.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
430733.00000	3872761.00000	2.1993970e-04	706.40	706.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
431233.00000	3872761.00000	3.0679030e-04	707.60	707.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
431733.00000	3872761.00000	4.3051670e-04	709.00	709.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
432233.00000	3872761.00000	6.1029560e-04	709.00	709.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
432733.00000	3872761.00000	8.3220630e-04	711.00	711.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
433233.00000	3872761.00000	1.0855310e-03	713.00	713.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
433733.00000	3872761.00000	1.2086830e-03	715.00	715.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
434233.00000	3872761.00000	1.3260030e-03	718.00	718.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
434733.00000	3872761.00000	1.3352010e-03	722.00	722.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
435233.00000	3872761.00000	1.2608750e-03	727.00	727.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
435733.00000	3872761.00000	1.0477520e-03	732.00	732.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
436233.00000	3872761.00000	7.0962980e-04	736.00	736.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
436733.00000	3872761.00000	5.4561960e-04	739.70	739.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
437233.00000	3872761.00000	3.7179490e-04	744.00	744.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
437733.00000	3872761.00000	2.6120910e-04	746.00	746.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
438233.00000	3872761.00000	1.8774530e-04	747.50	747.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
438733.00000	3872761.00000	1.5119820e-04	747.00	747.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
439233.00000	3872761.00000	1.2598490e-04	748.00	748.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
439733.00000	3872761.00000	1.0389230e-04	751.70	751.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
440233.00000	3872761.00000	8.7918370e-05	753.50	753.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
440733.00000	3872761.00000	7.6666790e-05	755.00	755.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
441233.00000	3872761.00000	6.8412890e-05	756.50	756.50	1.20	PERIOD
CARTGRID	00043872	COURSE				

441733.00000	3872761.00000	6.1103470e-05	759.10	759.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
442233.00000	3872761.00000	5.4574270e-05	761.90	761.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
442733.00000	3872761.00000	4.9605510e-05	763.00	763.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
443233.00000	3872761.00000	4.5458030e-05	764.00	764.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
443733.00000	3872761.00000	4.1762250e-05	766.00	766.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
444233.00000	3872761.00000	3.9216270e-05	767.00	767.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
444733.00000	3872761.00000	3.7491580e-05	767.50	767.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
445233.00000	3872761.00000	3.7039870e-05	765.60	765.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
445733.00000	3872761.00000	3.7286260e-05	762.00	762.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
430733.00000	3873261.00000	3.0909000e-04	707.20	707.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
431233.00000	3873261.00000	3.9520150e-04	709.60	709.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
431733.00000	3873261.00000	5.6894400e-04	709.00	709.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
432233.00000	3873261.00000	9.8771640e-04	709.00	709.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
432733.00000	3873261.00000	2.3645570e-03	711.20	711.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
433233.00000	3873261.00000	3.4712770e-03	713.00	713.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
433733.00000	3873261.00000	3.9393260e-03	715.00	715.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
434233.00000	3873261.00000	4.1612780e-03	718.00	718.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
434733.00000	3873261.00000	4.2373290e-03	721.00	721.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
435233.00000	3873261.00000	4.1249370e-03	725.00	725.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
435733.00000	3873261.00000	3.0999330e-03	729.00	729.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
436233.00000	3873261.00000	1.3505590e-03	733.00	733.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
436733.00000	3873261.00000	7.0437360e-04	737.40	737.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
437233.00000	3873261.00000	4.4575150e-04	739.40	739.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
437733.00000	3873261.00000	3.3060760e-04	740.10	740.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
438233.00000	3873261.00000	2.5697950e-04	741.50	741.50	1.20	PERIOD
CARTGRID	00043872	COURSE				

438733.00000	3873261.00000	2.1028960e-04	741.50	741.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
439233.00000	3873261.00000	1.7710970e-04	743.30	743.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
439733.00000	3873261.00000	1.5193740e-04	745.50	745.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
440233.00000	3873261.00000	1.3202130e-04	747.90	747.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
440733.00000	3873261.00000	1.1629370e-04	750.20	750.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
441233.00000	3873261.00000	1.0389230e-04	752.10	752.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
441733.00000	3873261.00000	9.4283310e-05	753.10	753.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
442233.00000	3873261.00000	8.5577720e-05	755.30	755.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
442733.00000	3873261.00000	7.7734460e-05	758.00	758.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
443233.00000	3873261.00000	7.1328450e-05	759.70	759.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
443733.00000	3873261.00000	6.6441810e-05	759.50	759.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
444233.00000	3873261.00000	6.1390920e-05	760.70	760.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
444733.00000	3873261.00000	5.6832800e-05	761.70	761.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
445233.00000	3873261.00000	5.3752990e-05	759.20	759.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
445733.00000	3873261.00000	5.0467860e-05	757.40	757.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
430733.00000	3873761.00000	3.6382850e-04	709.90	709.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
431233.00000	3873761.00000	4.7260740e-04	710.40	710.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
431733.00000	3873761.00000	6.9796760e-04	711.40	711.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
432233.00000	3873761.00000	1.3118770e-03	712.30	712.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
432733.00000	3873761.00000	1.5326130e-02	713.20	713.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
433233.00000	3873761.00000	2.2097410e-02	714.40	714.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
433733.00000	3873761.00000	2.3021020e-02	716.00	716.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
434233.00000	3873761.00000	2.2986450e-02	718.40	718.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
434733.00000	3873761.00000	2.3477330e-02	720.80	720.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
435233.00000	3873761.00000	2.4450630e-02	724.30	724.30	1.20	PERIOD
CARTGRID	00043872	COURSE				

435733.00000	3873761.00000	2.3131110e-02	727.90	727.90	1.20	PERIOD
CARTGRID 00043872 COURSE						
436233.00000	3873761.00000	2.0106250e-03	730.80	730.80	1.20	PERIOD
CARTGRID 00043872 COURSE						
436733.00000	3873761.00000	8.6103340e-04	734.40	734.40	1.20	PERIOD
CARTGRID 00043872 COURSE						
437233.00000	3873761.00000	5.3765310e-04	735.80	735.80	1.20	PERIOD
CARTGRID 00043872 COURSE						
437733.00000	3873761.00000	3.8008990e-04	737.70	737.70	1.20	PERIOD
CARTGRID 00043872 COURSE						
438233.00000	3873761.00000	2.8814720e-04	737.60	737.60	1.20	PERIOD
CARTGRID 00043872 COURSE						
438733.00000	3873761.00000	2.2757760e-04	737.90	737.90	1.20	PERIOD
CARTGRID 00043872 COURSE						
439233.00000	3873761.00000	1.8388530e-04	740.60	740.60	1.20	PERIOD
CARTGRID 00043872 COURSE						
439733.00000	3873761.00000	1.5148570e-04	743.30	743.30	1.20	PERIOD
CARTGRID 00043872 COURSE						
440233.00000	3873761.00000	1.2729890e-04	745.00	745.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
440733.00000	3873761.00000	1.0853260e-04	746.50	746.50	1.20	PERIOD
CARTGRID 00043872 COURSE						
441233.00000	3873761.00000	9.3174590e-05	748.60	748.60	1.20	PERIOD
CARTGRID 00043872 COURSE						
441733.00000	3873761.00000	8.0855340e-05	750.50	750.50	1.20	PERIOD
CARTGRID 00043872 COURSE						
442233.00000	3873761.00000	7.0383980e-05	753.10	753.10	1.20	PERIOD
CARTGRID 00043872 COURSE						
442733.00000	3873761.00000	6.1883690e-05	755.30	755.30	1.20	PERIOD
CARTGRID 00043872 COURSE						
443233.00000	3873761.00000	5.5888330e-05	754.80	754.80	1.20	PERIOD
CARTGRID 00043872 COURSE						
443733.00000	3873761.00000	5.0426800e-05	755.40	755.40	1.20	PERIOD
CARTGRID 00043872 COURSE						
444233.00000	3873761.00000	4.5458030e-05	756.90	756.90	1.20	PERIOD
CARTGRID 00043872 COURSE						
444733.00000	3873761.00000	4.1556930e-05	757.10	757.10	1.20	PERIOD
CARTGRID 00043872 COURSE						
445233.00000	3873761.00000	3.8353930e-05	756.40	756.40	1.20	PERIOD
CARTGRID 00043872 COURSE						
445733.00000	3873761.00000	3.5191990e-05	757.40	757.40	1.20	PERIOD
CARTGRID 00043872 COURSE						
430733.00000	3874261.00000	2.7636180e-04	710.20	710.20	1.20	PERIOD
CARTGRID 00043872 COURSE						
431233.00000	3874261.00000	3.7516220e-04	711.10	711.10	1.20	PERIOD
CARTGRID 00043872 COURSE						
431733.00000	3874261.00000	5.2931710e-04	713.20	713.20	1.20	PERIOD
CARTGRID 00043872 COURSE						
432233.00000	3874261.00000	8.6608430e-04	713.50	713.50	1.20	PERIOD
CARTGRID 00043872 COURSE						

432733.00000	3874261.00000	2.3607790e-03	715.70	715.70	1.20	PERIOD
CARTGRID 00043872 COURSE						
433233.00000	3874261.00000	3.9959950e-03	715.70	715.70	1.20	PERIOD
CARTGRID 00043872 COURSE						
433733.00000	3874261.00000	4.8276670e-03	717.50	717.50	1.20	PERIOD
CARTGRID 00043872 COURSE						
434233.00000	3874261.00000	4.6487510e-03	719.30	719.30	1.20	PERIOD
CARTGRID 00043872 COURSE						
434733.00000	3874261.00000	4.4965670e-03	721.20	721.20	1.20	PERIOD
CARTGRID 00043872 COURSE						
435233.00000	3874261.00000	4.5583690e-03	724.00	724.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
435733.00000	3874261.00000	3.2584000e-03	727.40	727.40	1.20	PERIOD
CARTGRID 00043872 COURSE						
436233.00000	3874261.00000	1.6513130e-03	728.20	728.20	1.20	PERIOD
CARTGRID 00043872 COURSE						
436733.00000	3874261.00000	7.8030120e-04	731.40	731.40	1.20	PERIOD
CARTGRID 00043872 COURSE						
437233.00000	3874261.00000	4.2419280e-04	732.90	732.90	1.20	PERIOD
CARTGRID 00043872 COURSE						
437733.00000	3874261.00000	2.8629940e-04	734.30	734.30	1.20	PERIOD
CARTGRID 00043872 COURSE						
438233.00000	3874261.00000	2.1755790e-04	736.70	736.70	1.20	PERIOD
CARTGRID 00043872 COURSE						
438733.00000	3874261.00000	1.7316760e-04	743.80	743.80	1.20	PERIOD
CARTGRID 00043872 COURSE						
439233.00000	3874261.00000	1.3345850e-04	760.00	762.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
439733.00000	3874261.00000	1.2101610e-04	750.60	750.60	1.20	PERIOD
CARTGRID 00043872 COURSE						
440233.00000	3874261.00000	1.0803980e-04	744.90	744.90	1.20	PERIOD
CARTGRID 00043872 COURSE						
440733.00000	3874261.00000	9.3585230e-05	749.20	755.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
441233.00000	3874261.00000	8.3401310e-05	749.40	749.40	1.20	PERIOD
CARTGRID 00043872 COURSE						
441733.00000	3874261.00000	7.4120810e-05	752.00	752.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
442233.00000	3874261.00000	6.6811390e-05	753.60	753.60	1.20	PERIOD
CARTGRID 00043872 COURSE						
442733.00000	3874261.00000	6.0980280e-05	754.50	754.50	1.20	PERIOD
CARTGRID 00043872 COURSE						
443233.00000	3874261.00000	5.6052580e-05	755.50	755.50	1.20	PERIOD
CARTGRID 00043872 COURSE						
443733.00000	3874261.00000	5.1576590e-05	757.30	757.30	1.20	PERIOD
CARTGRID 00043872 COURSE						
444233.00000	3874261.00000	4.7880810e-05	758.30	758.30	1.20	PERIOD
CARTGRID 00043872 COURSE						
444733.00000	3874261.00000	4.4842070e-05	758.30	758.30	1.20	PERIOD
CARTGRID 00043872 COURSE						

445233.00000	3874261.00000	4.1803320e-05	759.50	759.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
445733.00000	3874261.00000	3.8805630e-05	761.40	761.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
430733.00000	3874761.00000	2.9344450e-04	711.10	711.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
431233.00000	3874761.00000	3.4292680e-04	712.90	712.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
431733.00000	3874761.00000	4.3503380e-04	714.50	714.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
432233.00000	3874761.00000	6.7562870e-04	716.30	716.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
432733.00000	3874761.00000	1.1839620e-03	716.60	716.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
433233.00000	3874761.00000	1.5833520e-03	717.70	717.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
433733.00000	3874761.00000	1.9244720e-03	718.70	718.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
434233.00000	3874761.00000	2.0821170e-03	719.40	719.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
434733.00000	3874761.00000	2.1961110e-03	721.80	721.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
435233.00000	3874761.00000	2.0380140e-03	723.90	723.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
435733.00000	3874761.00000	1.5582210e-03	725.50	725.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
436233.00000	3874761.00000	1.1302910e-03	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
436733.00000	3874761.00000	7.5820870e-04	730.70	730.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
437233.00000	3874761.00000	4.7441430e-04	732.70	732.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
437733.00000	3874761.00000	2.9102170e-04	734.60	734.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
438233.00000	3874761.00000	1.9144110e-04	742.30	742.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
438733.00000	3874761.00000	1.4257480e-04	753.50	753.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
439233.00000	3874761.00000	1.1185880e-04	773.70	789.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
439733.00000	3874761.00000	9.3092460e-05	781.80	806.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
440233.00000	3874761.00000	8.7384540e-05	749.80	806.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
440733.00000	3874761.00000	7.7939780e-05	748.90	748.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
441233.00000	3874761.00000	6.9809080e-05	752.50	752.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
441733.00000	3874761.00000	6.2869240e-05	756.00	756.00	1.20	PERIOD
CARTGRID	00043872	COURSE				



442233.00000	3874761.00000	5.7079190e-05	757.80	757.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
442733.00000	3874761.00000	5.1946160e-05	759.20	759.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
443233.00000	3874761.00000	4.7880810e-05	757.80	757.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
443733.00000	3874761.00000	4.3569080e-05	760.20	760.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
444233.00000	3874761.00000	3.9709040e-05	762.50	762.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
444733.00000	3874761.00000	3.6875620e-05	761.80	761.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
445233.00000	3874761.00000	3.4288580e-05	762.30	762.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
445733.00000	3874761.00000	3.1742600e-05	765.10	765.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
430733.00000	3875261.00000	2.3201250e-04	712.60	712.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
431233.00000	3875261.00000	2.7081820e-04	713.80	713.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
431733.00000	3875261.00000	3.6793490e-04	716.30	716.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
432233.00000	3875261.00000	5.4668720e-04	717.30	717.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
432733.00000	3875261.00000	8.3565570e-04	718.70	718.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
433233.00000	3875261.00000	1.0352280e-03	719.80	719.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
433733.00000	3875261.00000	1.1889310e-03	721.70	721.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
434233.00000	3875261.00000	1.2766030e-03	721.80	721.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
434733.00000	3875261.00000	1.3271120e-03	723.00	723.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
435233.00000	3875261.00000	1.2436690e-03	724.50	724.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
435733.00000	3875261.00000	1.0048400e-03	725.70	725.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
436233.00000	3875261.00000	8.0719820e-04	728.70	728.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
436733.00000	3875261.00000	6.4031350e-04	731.50	731.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
437233.00000	3875261.00000	4.7112910e-04	734.50	734.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
437733.00000	3875261.00000	3.3976490e-04	736.60	736.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
438233.00000	3875261.00000	2.2716700e-04	744.20	744.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
438733.00000	3875261.00000	1.4778990e-04	757.50	757.50	1.20	PERIOD
CARTGRID	00043872	COURSE				

439233.00000	3875261.00000	1.0803980e-04	769.90	769.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
439733.00000	3875261.00000	8.8575410e-05	773.70	777.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
440233.00000	3875261.00000	7.8720000e-05	753.10	753.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
440733.00000	3875261.00000	6.8166510e-05	754.80	754.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
441233.00000	3875261.00000	5.9912610e-05	762.60	762.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
441733.00000	3875261.00000	5.3629800e-05	767.40	767.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
442233.00000	3875261.00000	4.9235930e-05	764.10	764.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
442733.00000	3875261.00000	4.5663350e-05	762.30	762.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
443233.00000	3875261.00000	4.2665670e-05	763.20	763.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
443733.00000	3875261.00000	4.0242880e-05	763.80	763.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
444233.00000	3875261.00000	3.7861160e-05	767.30	767.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
444733.00000	3875261.00000	3.5890080e-05	767.80	767.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
445233.00000	3875261.00000	3.3672620e-05	771.20	771.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
445733.00000	3875261.00000	3.1619410e-05	772.70	772.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
430733.00000	3875761.00000	1.9349430e-04	714.90	714.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
431233.00000	3875761.00000	2.4642610e-04	716.10	716.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
431733.00000	3875761.00000	3.3935420e-04	717.30	717.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
432233.00000	3875761.00000	4.8849930e-04	719.30	719.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
432733.00000	3875761.00000	6.7780500e-04	720.50	720.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
433233.00000	3875761.00000	7.9459160e-04	722.30	722.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
433733.00000	3875761.00000	8.6218320e-04	724.40	724.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
434233.00000	3875761.00000	9.0016750e-04	723.90	723.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
434733.00000	3875761.00000	9.0723050e-04	725.40	725.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
435233.00000	3875761.00000	8.3779100e-04	725.40	725.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
435733.00000	3875761.00000	6.9431290e-04	726.80	726.80	1.20	PERIOD
CARTGRID	00043872	COURSE				

436233.00000	3875761.00000	6.0701040e-04	728.60	728.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
436733.00000	3875761.00000	5.1937950e-04	732.60	732.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
437233.00000	3875761.00000	4.2082560e-04	736.30	736.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
437733.00000	3875761.00000	3.3376950e-04	737.60	737.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
438233.00000	3875761.00000	2.4987540e-04	747.70	747.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
438733.00000	3875761.00000	1.7977890e-04	754.60	754.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
439233.00000	3875761.00000	1.1904500e-04	772.00	790.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
439733.00000	3875761.00000	9.6911430e-05	760.90	760.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
440233.00000	3875761.00000	7.9294900e-05	755.50	755.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
440733.00000	3875761.00000	6.6277560e-05	762.00	762.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
441233.00000	3875761.00000	5.5231300e-05	793.80	796.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
441733.00000	3875761.00000	4.9851900e-05	794.60	810.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
442233.00000	3875761.00000	4.6197190e-05	775.50	812.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
442733.00000	3875761.00000	4.2337150e-05	766.60	766.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
443233.00000	3875761.00000	3.8682440e-05	770.00	770.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
443733.00000	3875761.00000	3.5561560e-05	770.00	770.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
444233.00000	3875761.00000	3.2892400e-05	770.80	770.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
444733.00000	3875761.00000	3.0428550e-05	777.70	777.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
445233.00000	3875761.00000	2.8580660e-05	780.40	780.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
445733.00000	3875761.00000	2.7430860e-05	777.20	777.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
430733.00000	3876261.00000	1.8634920e-04	717.20	717.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
431233.00000	3876261.00000	2.5090200e-04	718.40	718.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
431733.00000	3876261.00000	3.3344100e-04	719.30	719.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
432233.00000	3876261.00000	4.4390360e-04	720.50	720.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
432733.00000	3876261.00000	5.7699250e-04	722.10	722.10	1.20	PERIOD
CARTGRID	00043872	COURSE				

433233.00000	3876261.00000	6.4836210e-04	724.20	724.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
433733.00000	3876261.00000	6.8412900e-04	725.60	725.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
434233.00000	3876261.00000	6.7846220e-04	726.40	726.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
434733.00000	3876261.00000	6.7505370e-04	727.00	727.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
435233.00000	3876261.00000	6.1518220e-04	727.90	727.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
435733.00000	3876261.00000	5.0726560e-04	728.90	728.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
436233.00000	3876261.00000	4.5511410e-04	731.20	731.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
436733.00000	3876261.00000	4.0706900e-04	734.00	734.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
437233.00000	3876261.00000	3.5725820e-04	741.20	741.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
437733.00000	3876261.00000	3.0329990e-04	740.90	740.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
438233.00000	3876261.00000	2.5250350e-04	742.70	742.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
438733.00000	3876261.00000	2.0244630e-04	749.20	749.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
439233.00000	3876261.00000	1.4282120e-04	764.20	801.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
439733.00000	3876261.00000	1.0980560e-04	768.50	801.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
440233.00000	3876261.00000	8.8493270e-05	763.90	763.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
440733.00000	3876261.00000	6.9932270e-05	764.20	764.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
441233.00000	3876261.00000	5.6750670e-05	771.70	771.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
441733.00000	3876261.00000	4.8496780e-05	783.70	783.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
442233.00000	3876261.00000	4.4924200e-05	774.90	812.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
442733.00000	3876261.00000	4.1351610e-05	771.50	771.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
443233.00000	3876261.00000	3.7779030e-05	776.10	776.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
443733.00000	3876261.00000	3.4986660e-05	778.60	778.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
444233.00000	3876261.00000	3.2604940e-05	778.60	778.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
444733.00000	3876261.00000	3.0387480e-05	777.10	777.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
445233.00000	3876261.00000	2.8128950e-05	786.30	786.30	1.20	PERIOD
CARTGRID	00043872	COURSE				

445733.00000	3876261.00000	2.6157870e-05	782.20	782.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
430733.00000	3876761.00000	1.9640990e-04	718.40	718.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
431233.00000	3876761.00000	2.4790430e-04	720.00	720.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
431733.00000	3876761.00000	3.2091640e-04	721.10	721.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
432233.00000	3876761.00000	4.1195570e-04	722.00	722.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
432733.00000	3876761.00000	5.0430900e-04	723.90	723.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
433233.00000	3876761.00000	5.4434650e-04	725.10	725.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
433733.00000	3876761.00000	5.6233270e-04	727.20	727.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
434233.00000	3876761.00000	5.4253970e-04	728.40	728.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
434733.00000	3876761.00000	5.2410190e-04	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
435233.00000	3876761.00000	4.7642640e-04	728.60	728.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
435733.00000	3876761.00000	3.9667980e-04	730.90	730.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
436233.00000	3876761.00000	3.5331600e-04	734.30	734.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
436733.00000	3876761.00000	3.1409980e-04	737.10	737.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
437233.00000	3876761.00000	2.7927740e-04	746.60	746.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
437733.00000	3876761.00000	2.4379790e-04	750.90	750.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
438233.00000	3876761.00000	2.2786500e-04	746.40	746.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
438733.00000	3876761.00000	1.9579390e-04	749.80	749.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
439233.00000	3876761.00000	1.6257300e-04	756.10	756.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
439733.00000	3876761.00000	1.2758630e-04	763.40	763.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
440233.00000	3876761.00000	9.6952480e-05	774.20	774.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
440733.00000	3876761.00000	8.1142780e-05	769.30	769.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
441233.00000	3876761.00000	6.5579460e-05	768.10	768.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
441733.00000	3876761.00000	5.3137030e-05	770.50	770.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
442233.00000	3876761.00000	4.4965260e-05	773.50	773.50	1.20	PERIOD
CARTGRID	00043872	COURSE				

442733.00000	3876761.00000	3.9955430e-05	776.40	776.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
443233.00000	3876761.00000	3.6300720e-05	780.90	780.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
443733.00000	3876761.00000	3.3344100e-05	785.90	785.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
444233.00000	3876761.00000	3.1208760e-05	785.80	785.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
444733.00000	3876761.00000	2.9484070e-05	783.30	783.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
445233.00000	3876761.00000	2.7882570e-05	786.30	786.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
445733.00000	3876761.00000	2.6445320e-05	786.10	786.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
430733.00000	3877261.00000	1.9772390e-04	720.50	720.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
431233.00000	3877261.00000	2.4556370e-04	722.10	722.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
431733.00000	3877261.00000	3.0876140e-04	723.60	723.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
432233.00000	3877261.00000	3.8128080e-04	724.20	724.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
432733.00000	3877261.00000	4.4920090e-04	725.40	725.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
433233.00000	3877261.00000	4.6702270e-04	727.40	727.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
433733.00000	3877261.00000	4.7145760e-04	729.20	729.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
434233.00000	3877261.00000	4.5281450e-04	731.50	731.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
434733.00000	3877261.00000	4.2213960e-04	732.30	732.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
435233.00000	3877261.00000	3.7955610e-04	732.40	732.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
435733.00000	3877261.00000	3.2091640e-04	733.50	733.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
436233.00000	3877261.00000	2.9093960e-04	736.20	736.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
436733.00000	3877261.00000	2.5459780e-04	738.80	738.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
437233.00000	3877261.00000	2.4112880e-04	737.60	737.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
437733.00000	3877261.00000	2.1201430e-04	749.00	749.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
438233.00000	3877261.00000	1.9222140e-04	749.60	749.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
438733.00000	3877261.00000	1.7230520e-04	753.70	753.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
439233.00000	3877261.00000	1.5300510e-04	757.30	757.30	1.20	PERIOD
CARTGRID	00043872	COURSE				

439733.00000	3877261.00000	1.3255510e-04	762.80	762.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
440233.00000	3877261.00000	1.1284430e-04	765.40	765.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
440733.00000	3877261.00000	8.9519880e-05	774.30	774.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
441233.00000	3877261.00000	7.4120810e-05	775.60	775.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
441733.00000	3877261.00000	6.1185600e-05	775.20	775.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
442233.00000	3877261.00000	4.9646580e-05	778.70	778.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
442733.00000	3877261.00000	4.1269480e-05	783.50	783.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
443233.00000	3877261.00000	3.5520500e-05	789.40	789.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
443733.00000	3877261.00000	3.1865790e-05	794.50	794.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
444233.00000	3877261.00000	2.9484070e-05	795.90	795.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
444733.00000	3877261.00000	2.8087890e-05	789.40	789.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
445233.00000	3877261.00000	2.6404260e-05	790.70	790.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
445733.00000	3877261.00000	2.5049140e-05	791.70	791.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
430733.00000	3877761.00000	1.9854520e-04	723.00	723.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
431233.00000	3877761.00000	2.4617970e-04	725.50	725.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
431733.00000	3877761.00000	2.9052900e-04	726.30	726.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
432233.00000	3877761.00000	3.5565670e-04	726.50	726.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
432733.00000	3877761.00000	4.0197710e-04	727.60	727.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
433233.00000	3877761.00000	4.0497480e-04	729.00	729.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
433733.00000	3877761.00000	4.0407140e-04	732.50	732.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
434233.00000	3877761.00000	3.8423740e-04	733.40	733.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
434733.00000	3877761.00000	3.5421950e-04	733.30	733.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
435233.00000	3877761.00000	3.1003440e-04	733.30	733.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
435733.00000	3877761.00000	2.6506920e-04	735.90	735.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
436233.00000	3877761.00000	2.4490670e-04	740.40	740.40	1.20	PERIOD
CARTGRID	00043872	COURSE				

436733.00000	3877761.00000	2.0006460e-04	680.00	795.50	1.20	PERIOD
CARTGRID 00043872 COURSE						
437233.00000	3877761.00000	1.7727400e-04	616.00	797.70	1.20	PERIOD
CARTGRID 00043872 COURSE						
437733.00000	3877761.00000	1.7628840e-04	666.00	780.30	1.20	PERIOD
CARTGRID 00043872 COURSE						
438233.00000	3877761.00000	1.6236770e-04	752.90	752.90	1.20	PERIOD
CARTGRID 00043872 COURSE						
438733.00000	3877761.00000	1.4635270e-04	755.90	755.90	1.20	PERIOD
CARTGRID 00043872 COURSE						
439233.00000	3877761.00000	1.3140530e-04	762.00	762.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
439733.00000	3877761.00000	1.1974310e-04	766.00	766.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
440233.00000	3877761.00000	1.0545280e-04	773.40	773.40	1.20	PERIOD
CARTGRID 00043872 COURSE						
440733.00000	3877761.00000	8.8862850e-05	782.90	782.90	1.20	PERIOD
CARTGRID 00043872 COURSE						
441233.00000	3877761.00000	7.9500220e-05	781.00	781.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
441733.00000	3877761.00000	6.8330770e-05	781.40	781.40	1.20	PERIOD
CARTGRID 00043872 COURSE						
442233.00000	3877761.00000	5.5888330e-05	787.60	787.60	1.20	PERIOD
CARTGRID 00043872 COURSE						
442733.00000	3877761.00000	4.5622290e-05	794.30	794.30	1.20	PERIOD
CARTGRID 00043872 COURSE						
443233.00000	3877761.00000	3.7902220e-05	802.10	802.10	1.20	PERIOD
CARTGRID 00043872 COURSE						
443733.00000	3877761.00000	3.2851330e-05	804.30	804.30	1.20	PERIOD
CARTGRID 00043872 COURSE						
444233.00000	3877761.00000	2.9237680e-05	805.20	805.20	1.20	PERIOD
CARTGRID 00043872 COURSE						
444733.00000	3877761.00000	2.7143410e-05	798.30	798.30	1.20	PERIOD
CARTGRID 00043872 COURSE						
445233.00000	3877761.00000	2.5377650e-05	798.20	798.20	1.20	PERIOD
CARTGRID 00043872 COURSE						
445733.00000	3877761.00000	2.4022530e-05	796.70	796.70	1.20	PERIOD
CARTGRID 00043872 COURSE						
430733.00000	3878261.00000	1.9903800e-04	725.30	725.30	1.20	PERIOD
CARTGRID 00043872 COURSE						
431233.00000	3878261.00000	2.3788470e-04	728.10	728.10	1.20	PERIOD
CARTGRID 00043872 COURSE						
431733.00000	3878261.00000	2.7451390e-04	730.00	730.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
432233.00000	3878261.00000	3.3118250e-04	729.30	729.30	1.20	PERIOD
CARTGRID 00043872 COURSE						
432733.00000	3878261.00000	3.5709400e-04	730.00	730.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
433233.00000	3878261.00000	3.5635480e-04	731.30	731.30	1.20	PERIOD
CARTGRID 00043872 COURSE						



433733.00000	3878261.00000	3.5274120e-04	734.00	734.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
434233.00000	3878261.00000	3.3114140e-04	735.70	735.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
434733.00000	3878261.00000	3.0551740e-04	736.40	736.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
435233.00000	3878261.00000	2.1677770e-04	753.10	753.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
435733.00000	3878261.00000	2.0667590e-04	748.40	764.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
436233.00000	3878261.00000	1.3834520e-04	771.60	771.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
436733.00000	3878261.00000	1.7608310e-04	749.70	749.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
437233.00000	3878261.00000	1.7965570e-04	727.00	788.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
437733.00000	3878261.00000	1.7000560e-04	731.70	774.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
438233.00000	3878261.00000	1.3859160e-04	756.20	756.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
438733.00000	3878261.00000	1.2179630e-04	761.40	761.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
439233.00000	3878261.00000	1.1001090e-04	766.60	789.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
439733.00000	3878261.00000	1.0249620e-04	770.80	770.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
440233.00000	3878261.00000	9.6336530e-05	773.80	773.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
440733.00000	3878261.00000	8.8493270e-05	779.30	779.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
441233.00000	3878261.00000	7.8596810e-05	785.40	785.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
441733.00000	3878261.00000	6.9275240e-05	790.30	790.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
442233.00000	3878261.00000	6.0241130e-05	795.20	795.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
442733.00000	3878261.00000	5.0426800e-05	804.40	804.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
443233.00000	3878261.00000	4.1310550e-05	820.00	820.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
443733.00000	3878261.00000	3.6382850e-05	810.70	810.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
444233.00000	3878261.00000	3.1414090e-05	814.00	814.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
444733.00000	3878261.00000	2.8128950e-05	808.00	808.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
445233.00000	3878261.00000	2.5500850e-05	805.10	805.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
445733.00000	3878261.00000	2.3694020e-05	801.00	801.00	1.20	PERIOD
CARTGRID	00043872	COURSE				

430733.00000	3878761.00000	1.9579390e-04	725.80	750.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
431233.00000	3878761.00000	2.2811140e-04	729.60	729.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
431733.00000	3878761.00000	2.6079850e-04	732.10	732.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
432233.00000	3878761.00000	3.0309460e-04	732.60	732.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
432733.00000	3878761.00000	3.2095750e-04	732.60	732.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
433233.00000	3878761.00000	3.1541380e-04	734.30	753.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
433733.00000	3878761.00000	3.1056830e-04	734.30	734.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
434233.00000	3878761.00000	2.9110380e-04	737.60	737.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
434733.00000	3878761.00000	2.7003790e-04	737.60	737.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
435233.00000	3878761.00000	2.1636710e-04	740.70	765.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
435733.00000	3878761.00000	1.5148570e-04	761.90	761.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
436233.00000	3878761.00000	1.1461010e-04	778.00	795.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
436733.00000	3878761.00000	1.1120170e-04	774.00	795.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
437233.00000	3878761.00000	1.0266040e-04	778.10	780.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
437733.00000	3878761.00000	1.0968240e-04	768.80	777.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
438233.00000	3878761.00000	1.1493860e-04	761.40	761.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
438733.00000	3878761.00000	1.0266040e-04	767.50	767.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
439233.00000	3878761.00000	9.1983730e-05	774.20	774.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
439733.00000	3878761.00000	8.8000500e-05	776.00	776.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
440233.00000	3878761.00000	8.2087270e-05	780.80	780.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
440733.00000	3878761.00000	7.7323820e-05	785.60	785.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
441233.00000	3878761.00000	7.3217400e-05	789.90	789.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
441733.00000	3878761.00000	6.7016710e-05	795.40	795.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
442233.00000	3878761.00000	5.8680690e-05	804.40	935.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
442733.00000	3878761.00000	4.9359130e-05	825.40	935.70	1.20	PERIOD
CARTGRID	00043872	COURSE				

443233.00000	3878761.00000	4.3363760e-05	835.30	935.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
443733.00000	3878761.00000	4.1023100e-05	814.00	935.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
444233.00000	3878761.00000	3.5356240e-05	818.80	818.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
444733.00000	3878761.00000	3.0921310e-05	816.90	816.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
445233.00000	3878761.00000	2.7389800e-05	813.90	813.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
445733.00000	3878761.00000	2.4679560e-05	807.50	807.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
430733.00000	3879261.00000	1.9246770e-04	730.50	730.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
431233.00000	3879261.00000	2.0848280e-04	744.90	798.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
431733.00000	3879261.00000	2.3451740e-04	743.90	762.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
432233.00000	3879261.00000	2.7689560e-04	734.60	734.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
432733.00000	3879261.00000	2.9015940e-04	734.90	734.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
433233.00000	3879261.00000	2.8461570e-04	737.10	737.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
433733.00000	3879261.00000	2.5697950e-04	746.00	753.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
434233.00000	3879261.00000	2.6063420e-04	738.90	738.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
434733.00000	3879261.00000	2.3850070e-04	741.00	741.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
435233.00000	3879261.00000	1.9259090e-04	740.90	740.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
435733.00000	3879261.00000	1.6524220e-04	743.80	767.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
436233.00000	3879261.00000	1.0602770e-04	778.00	778.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
436733.00000	3879261.00000	8.8082630e-05	789.80	789.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
437233.00000	3879261.00000	8.2374710e-05	792.10	792.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
437733.00000	3879261.00000	1.0750600e-04	762.50	783.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
438233.00000	3879261.00000	9.3133520e-05	771.20	779.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
438733.00000	3879261.00000	9.1449890e-05	768.70	768.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
439233.00000	3879261.00000	8.2538970e-05	774.40	774.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
439733.00000	3879261.00000	7.6954250e-05	780.20	780.20	1.20	PERIOD
CARTGRID	00043872	COURSE				

440233.00000	3879261.00000	7.2067610e-05	786.50	786.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
440733.00000	3879261.00000	6.7673750e-05	791.90	791.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
441233.00000	3879261.00000	6.3895840e-05	797.90	797.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
441733.00000	3879261.00000	6.1144540e-05	802.40	802.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
442233.00000	3879261.00000	5.4574270e-05	817.70	939.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
442733.00000	3879261.00000	4.7552300e-05	840.80	939.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
443233.00000	3879261.00000	4.5375900e-05	829.40	939.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
443733.00000	3879261.00000	4.2788860e-05	822.70	939.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
444233.00000	3879261.00000	3.8189670e-05	829.20	829.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
444733.00000	3879261.00000	3.4493900e-05	823.90	823.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
445233.00000	3879261.00000	3.0798120e-05	818.10	818.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
445733.00000	3879261.00000	2.7307670e-05	814.30	814.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
430733.00000	3879761.00000	1.8289980e-04	744.00	744.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
431233.00000	3879761.00000	1.5715250e-04	779.70	798.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
431733.00000	3879761.00000	2.1168580e-04	750.30	798.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
432233.00000	3879761.00000	2.5422820e-04	737.30	737.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
432733.00000	3879761.00000	2.6478170e-04	737.90	737.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
433233.00000	3879761.00000	2.5697950e-04	739.30	739.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
433733.00000	3879761.00000	2.3739190e-04	743.20	743.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
434233.00000	3879761.00000	2.3193040e-04	743.10	743.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
434733.00000	3879761.00000	1.9932540e-04	749.90	779.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
435233.00000	3879761.00000	1.7173030e-04	743.40	743.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
435733.00000	3879761.00000	1.4606520e-04	746.10	746.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
436233.00000	3879761.00000	1.2639550e-04	755.60	772.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
436733.00000	3879761.00000	1.1888080e-04	757.60	789.40	1.20	PERIOD
CARTGRID	00043872	COURSE				

437233.00000	3879761.00000	1.1046260e-04	755.90	783.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
437733.00000	3879761.00000	1.0233190e-04	759.70	759.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
438233.00000	3879761.00000	9.3133520e-05	765.40	765.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
438733.00000	3879761.00000	8.2867480e-05	771.40	771.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
439233.00000	3879761.00000	7.4408260e-05	775.90	775.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
439733.00000	3879761.00000	6.8002250e-05	782.20	782.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
440233.00000	3879761.00000	6.4799250e-05	788.80	788.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
440733.00000	3879761.00000	6.1144540e-05	795.40	795.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
441233.00000	3879761.00000	5.7448760e-05	802.10	802.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
441733.00000	3879761.00000	5.4697470e-05	807.40	807.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
442233.00000	3879761.00000	4.9975090e-05	825.10	939.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
442733.00000	3879761.00000	4.4924200e-05	855.30	939.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
443233.00000	3879761.00000	4.0858840e-05	882.50	939.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
443733.00000	3879761.00000	4.2008640e-05	831.70	939.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
444233.00000	3879761.00000	3.8230730e-05	841.70	841.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
444733.00000	3879761.00000	3.6300720e-05	833.10	833.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
445233.00000	3879761.00000	3.3508360e-05	828.40	828.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
445733.00000	3879761.00000	3.0551740e-05	820.70	820.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
435850.40000	3873157.00000	1.8612740e-03	730.00	730.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435900.40000	3873157.00000	1.7036700e-03	731.00	731.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435950.40000	3873157.00000	1.5865550e-03	731.00	731.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436000.40000	3873157.00000	1.5009770e-03	731.30	731.30	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436050.40000	3873157.00000	1.4285400e-03	732.00	732.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436100.40000	3873157.00000	1.3650140e-03	732.10	732.10	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436150.40000	3873157.00000	1.2776700e-03	733.00	733.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				

436200.40000	3873157.00000	1.2152940e-03	733.20	733.20	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436250.40000	3873157.00000	1.1460190e-03	734.00	734.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436300.40000	3873157.00000	1.0884880e-03	734.00	734.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436350.40000	3873157.00000	1.0222100e-03	735.00	735.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436400.40000	3873157.00000	9.6960700e-04	735.10	735.10	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436450.40000	3873157.00000	9.1133700e-04	736.00	736.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436500.40000	3873157.00000	8.6485230e-04	736.00	736.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436550.40000	3873157.00000	8.1619130e-04	736.40	736.40	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436600.40000	3873157.00000	7.6789990e-04	737.00	737.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436650.40000	3873157.00000	7.2539850e-04	737.20	737.20	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436700.40000	3873157.00000	6.8125450e-04	738.00	738.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436750.40000	3873157.00000	6.4659630e-04	738.00	738.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436800.40000	3873157.00000	6.1493580e-04	738.00	738.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436850.40000	3873157.00000	5.8606770e-04	738.00	738.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435850.40000	3873207.00000	2.1249060e-03	730.00	730.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435900.40000	3873207.00000	1.9287840e-03	730.40	730.40	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435950.40000	3873207.00000	1.7853060e-03	731.00	731.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436000.40000	3873207.00000	1.6827680e-03	731.00	731.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436050.40000	3873207.00000	1.5858160e-03	731.90	731.90	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436100.40000	3873207.00000	1.4981030e-03	732.00	732.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436150.40000	3873207.00000	1.4129360e-03	732.00	732.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436200.40000	3873207.00000	1.3085920e-03	732.90	732.90	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436250.40000	3873207.00000	1.2223570e-03	733.80	733.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436300.40000	3873207.00000	1.1503300e-03	734.00	734.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436350.40000	3873207.00000	1.0813430e-03	734.40	734.40	1.20	PERIOD
CARTGRID	00043872	DESERTL				

436400.40000	3873207.00000	1.0150650e-03	735.00	735.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436450.40000	3873207.00000	9.5843760e-04	735.00	735.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436500.40000	3873207.00000	8.9638960e-04	735.90	735.90	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436550.40000	3873207.00000	8.4464870e-04	736.00	736.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436600.40000	3873207.00000	7.9212770e-04	736.60	736.60	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436650.40000	3873207.00000	7.4535560e-04	737.00	737.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436700.40000	3873207.00000	7.0010290e-04	737.80	737.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436750.40000	3873207.00000	6.6347370e-04	738.00	738.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436800.40000	3873207.00000	6.3140260e-04	738.00	738.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436850.40000	3873207.00000	6.0175420e-04	738.00	738.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435850.40000	3873257.00000	2.5037230e-03	730.00	730.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435900.40000	3873257.00000	2.2436640e-03	730.00	730.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435950.40000	3873257.00000	2.0520170e-03	731.00	731.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436000.40000	3873257.00000	1.9078820e-03	731.00	731.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436050.40000	3873257.00000	1.7667450e-03	732.00	732.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436100.40000	3873257.00000	1.6444550e-03	732.00	732.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436150.40000	3873257.00000	1.5316930e-03	732.00	732.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436200.40000	3873257.00000	1.4075150e-03	732.70	732.70	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436250.40000	3873257.00000	1.3124520e-03	733.00	733.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436300.40000	3873257.00000	1.2185380e-03	734.00	734.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436350.40000	3873257.00000	1.1433500e-03	734.00	734.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436400.40000	3873257.00000	1.0694750e-03	734.40	734.40	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436450.40000	3873257.00000	9.9859830e-04	735.00	735.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436500.40000	3873257.00000	9.3745380e-04	735.00	735.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436550.40000	3873257.00000	8.7318840e-04	736.00	736.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				

436600.40000	3873257.00000	8.2235090e-04	736.00	736.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436650.40000	3873257.00000	7.7184200e-04	736.70	736.70	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436700.40000	3873257.00000	7.2658930e-04	737.40	737.40	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436750.40000	3873257.00000	6.8626420e-04	738.00	738.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436800.40000	3873257.00000	6.5275600e-04	738.00	738.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436850.40000	3873257.00000	6.2146500e-04	738.00	738.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435850.40000	3873307.00000	3.1259270e-03	729.40	729.40	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435900.40000	3873307.00000	2.7121650e-03	730.00	730.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435950.40000	3873307.00000	2.4178170e-03	730.60	730.60	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436000.40000	3873307.00000	2.1771400e-03	731.20	731.20	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436050.40000	3873307.00000	1.9775270e-03	731.70	731.70	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436100.40000	3873307.00000	1.8114220e-03	731.70	731.70	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436150.40000	3873307.00000	1.6663840e-03	731.70	731.70	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436200.40000	3873307.00000	1.5350190e-03	732.40	732.40	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436250.40000	3873307.00000	1.4050100e-03	732.90	732.90	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436300.40000	3873307.00000	1.3018160e-03	733.40	733.40	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436350.40000	3873307.00000	1.2109820e-03	733.60	733.60	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436400.40000	3873307.00000	1.1274990e-03	733.80	733.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436450.40000	3873307.00000	1.0501340e-03	734.10	734.10	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436500.40000	3873307.00000	9.7925720e-04	734.50	734.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436550.40000	3873307.00000	9.1700380e-04	734.70	734.70	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436600.40000	3873307.00000	8.5910330e-04	735.30	735.30	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436650.40000	3873307.00000	8.0674650e-04	736.00	736.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436700.40000	3873307.00000	7.5948170e-04	736.70	736.70	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436750.40000	3873307.00000	7.1632330e-04	737.40	737.40	1.20	PERIOD
CARTGRID	00043872	DESERTL				



436800.40000	3873307.00000	6.7957080e-04	737.50	737.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436850.40000	3873307.00000	6.4565180e-04	737.60	737.60	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435850.40000	3873357.00000	4.5737270e-03	729.10	729.10	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435900.40000	3873357.00000	3.4982150e-03	729.50	729.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435950.40000	3873357.00000	2.9052490e-03	730.10	730.10	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436000.40000	3873357.00000	2.5145640e-03	730.80	730.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436050.40000	3873357.00000	2.2283470e-03	731.20	731.20	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436100.40000	3873357.00000	2.0022470e-03	731.50	731.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436150.40000	3873357.00000	1.8154470e-03	731.70	731.70	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436200.40000	3873357.00000	1.6550090e-03	732.30	732.30	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436250.40000	3873357.00000	1.5074240e-03	732.70	732.70	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436300.40000	3873357.00000	1.3883790e-03	732.90	732.90	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436350.40000	3873357.00000	1.2802570e-03	733.30	733.30	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436400.40000	3873357.00000	1.1841670e-03	733.60	733.60	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436450.40000	3873357.00000	1.0992880e-03	733.80	733.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436500.40000	3873357.00000	1.0236470e-03	734.10	734.10	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436550.40000	3873357.00000	9.5679500e-04	734.40	734.40	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436600.40000	3873357.00000	8.9684130e-04	734.80	734.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436650.40000	3873357.00000	8.4189740e-04	735.40	735.40	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436700.40000	3873357.00000	7.9155280e-04	736.10	736.10	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436750.40000	3873357.00000	7.4523240e-04	736.90	736.90	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436800.40000	3873357.00000	7.0441470e-04	737.40	737.40	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436850.40000	3873357.00000	6.6881200e-04	737.60	737.60	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435850.40000	3873407.00000	8.0792510e-03	728.80	728.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435900.40000	3873407.00000	4.5501970e-03	729.10	729.10	1.20	PERIOD
CARTGRID	00043872	DESERTL				

435950.40000	3873407.00000	3.4647890e-03	729.60	729.60	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436000.40000	3873407.00000	2.8806100e-03	730.30	730.30	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436050.40000	3873407.00000	2.4885300e-03	730.80	730.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436100.40000	3873407.00000	2.1951670e-03	731.30	731.30	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436150.40000	3873407.00000	1.9630310e-03	731.80	731.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436200.40000	3873407.00000	1.7730680e-03	732.00	732.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436250.40000	3873407.00000	1.6111520e-03	732.40	732.40	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436300.40000	3873407.00000	1.4658680e-03	732.70	732.70	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436350.40000	3873407.00000	1.3448100e-03	732.90	732.90	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436400.40000	3873407.00000	1.2387000e-03	733.20	733.20	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436450.40000	3873407.00000	1.1458950e-03	733.60	733.60	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436500.40000	3873407.00000	1.0653280e-03	733.90	733.90	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436550.40000	3873407.00000	9.9465610e-04	734.10	734.10	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436600.40000	3873407.00000	9.3154060e-04	734.30	734.30	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436650.40000	3873407.00000	8.7281880e-04	735.00	735.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436700.40000	3873407.00000	8.2037990e-04	735.60	735.60	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436750.40000	3873407.00000	7.7237580e-04	736.40	736.40	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436800.40000	3873407.00000	7.3061360e-04	736.90	736.90	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436850.40000	3873407.00000	6.9443610e-04	737.10	737.10	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435850.40000	3873457.00000	9.6605080e-03	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435900.40000	3873457.00000	5.5269080e-03	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435950.40000	3873457.00000	4.0148430e-03	729.00	729.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436000.40000	3873457.00000	3.2243170e-03	729.80	729.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436050.40000	3873457.00000	2.7225130e-03	730.60	730.60	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436100.40000	3873457.00000	2.3651730e-03	731.20	731.20	1.20	PERIOD
CARTGRID	00043872	DESERTL				

436150.40000	3873457.00000	2.0919320e-03	731.60	731.60	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436200.40000	3873457.00000	1.8715400e-03	731.90	731.90	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436250.40000	3873457.00000	1.6889280e-03	732.00	732.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436300.40000	3873457.00000	1.5341980e-03	732.20	732.20	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436350.40000	3873457.00000	1.3967150e-03	732.70	732.70	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436400.40000	3873457.00000	1.2842820e-03	732.90	732.90	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436450.40000	3873457.00000	1.1856870e-03	733.40	733.40	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436500.40000	3873457.00000	1.1005200e-03	733.70	733.70	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436550.40000	3873457.00000	1.0250030e-03	734.10	734.10	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436600.40000	3873457.00000	9.5901250e-04	734.30	734.30	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436650.40000	3873457.00000	8.9930520e-04	734.80	734.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436700.40000	3873457.00000	8.4625030e-04	735.30	735.30	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436750.40000	3873457.00000	7.9869800e-04	735.90	735.90	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436800.40000	3873457.00000	7.5648400e-04	736.40	736.40	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436850.40000	3873457.00000	7.1886930e-04	736.80	736.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435850.40000	3873507.00000	1.0347840e-02	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435900.40000	3873507.00000	6.2093120e-03	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435950.40000	3873507.00000	4.5052720e-03	728.60	728.60	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436000.40000	3873507.00000	3.5511060e-03	729.30	729.30	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436050.40000	3873507.00000	2.9397420e-03	730.20	730.20	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436100.40000	3873507.00000	2.5144000e-03	730.90	730.90	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436150.40000	3873507.00000	2.1968920e-03	731.50	731.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436200.40000	3873507.00000	1.9484530e-03	731.70	731.70	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436250.40000	3873507.00000	1.7474440e-03	731.70	731.70	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436300.40000	3873507.00000	1.5811760e-03	731.70	731.70	1.20	PERIOD
CARTGRID	00043872	DESERTL				

436350.40000	3873507.00000	1.4402840e-03	732.30	732.30	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436400.40000	3873507.00000	1.3182420e-03	732.70	732.70	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436450.40000	3873507.00000	1.2154580e-03	733.20	733.20	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436500.40000	3873507.00000	1.1267600e-03	733.60	733.60	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436550.40000	3873507.00000	1.0493950e-03	734.00	734.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436600.40000	3873507.00000	9.8209050e-04	734.30	734.30	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436650.40000	3873507.00000	9.2205470e-04	734.80	734.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436700.40000	3873507.00000	8.6920510e-04	735.20	735.20	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436750.40000	3873507.00000	8.2226880e-04	735.50	735.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436800.40000	3873507.00000	7.7960310e-04	735.90	735.90	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436850.40000	3873507.00000	7.4079750e-04	736.30	736.30	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435850.40000	3873557.00000	1.0668310e-02	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435900.40000	3873557.00000	6.6576920e-03	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435950.40000	3873557.00000	4.8838840e-03	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436000.40000	3873557.00000	3.8326000e-03	729.10	729.10	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436050.40000	3873557.00000	3.1389450e-03	729.80	729.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436100.40000	3873557.00000	2.6492130e-03	730.50	730.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436150.40000	3873557.00000	2.2864940e-03	731.20	731.20	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436200.40000	3873557.00000	2.0109940e-03	731.20	731.20	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436250.40000	3873557.00000	1.7926560e-03	731.30	731.30	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436300.40000	3873557.00000	1.6147660e-03	731.80	731.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436350.40000	3873557.00000	1.4685370e-03	732.10	732.10	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436400.40000	3873557.00000	1.3455490e-03	732.50	732.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436450.40000	3873557.00000	1.2371810e-03	733.00	733.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436500.40000	3873557.00000	1.1478260e-03	733.30	733.30	1.20	PERIOD
CARTGRID	00043872	DESERTL				

436550.40000	3873557.00000	1.0696800e-03	733.80	733.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436600.40000	3873557.00000	1.0013500e-03	734.30	734.30	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436650.40000	3873557.00000	9.4160130e-04	734.60	734.60	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436700.40000	3873557.00000	8.8879280e-04	734.70	734.70	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436750.40000	3873557.00000	8.4009060e-04	735.20	735.20	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436800.40000	3873557.00000	7.9586460e-04	735.70	735.70	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436850.40000	3873557.00000	7.5636080e-04	735.90	735.90	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435850.40000	3873607.00000	1.0780570e-02	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435900.40000	3873607.00000	6.9385710e-03	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435950.40000	3873607.00000	5.1483380e-03	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436000.40000	3873607.00000	4.0475300e-03	728.90	728.90	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436050.40000	3873607.00000	3.2996700e-03	729.50	729.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436100.40000	3873607.00000	2.7628380e-03	730.20	730.20	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436150.40000	3873607.00000	2.3655420e-03	730.70	730.70	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436200.40000	3873607.00000	2.0647880e-03	730.90	730.90	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436250.40000	3873607.00000	1.8299010e-03	731.30	731.30	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436300.40000	3873607.00000	1.6424430e-03	731.80	731.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436350.40000	3873607.00000	1.4903010e-03	732.10	732.10	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436400.40000	3873607.00000	1.3637000e-03	732.50	732.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436450.40000	3873607.00000	1.2552080e-03	732.70	732.70	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436500.40000	3873607.00000	1.1636350e-03	733.30	733.30	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436550.40000	3873607.00000	1.0845050e-03	733.80	733.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436600.40000	3873607.00000	1.0150240e-03	734.30	734.30	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436650.40000	3873607.00000	9.5474180e-04	734.30	734.30	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436700.40000	3873607.00000	9.0004430e-04	734.60	734.60	1.20	PERIOD
CARTGRID	00043872	DESERTL				

436750.40000	3873607.00000	8.5072630e-04	734.90	734.90	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436800.40000	3873607.00000	8.0604850e-04	735.20	735.20	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436850.40000	3873607.00000	7.6518960e-04	735.60	735.60	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435850.40000	3873657.00000	1.0749330e-02	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435900.40000	3873657.00000	7.0845950e-03	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435950.40000	3873657.00000	5.3051210e-03	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436000.40000	3873657.00000	4.1853000e-03	728.70	728.70	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436050.40000	3873657.00000	3.4082020e-03	729.30	729.30	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436100.40000	3873657.00000	2.8481690e-03	729.80	729.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436150.40000	3873657.00000	2.4312450e-03	730.30	730.30	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436200.40000	3873657.00000	2.1136140e-03	730.70	730.70	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436250.40000	3873657.00000	1.8657910e-03	731.20	731.20	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436300.40000	3873657.00000	1.6696280e-03	731.50	731.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436350.40000	3873657.00000	1.5102580e-03	732.00	732.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436400.40000	3873657.00000	1.3793860e-03	732.20	732.20	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436450.40000	3873657.00000	1.2683490e-03	732.70	732.70	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436500.40000	3873657.00000	1.1750510e-03	733.00	733.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436550.40000	3873657.00000	1.0939490e-03	733.40	733.40	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436600.40000	3873657.00000	1.0229490e-03	733.80	733.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436650.40000	3873657.00000	9.6036760e-04	734.10	734.10	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436700.40000	3873657.00000	9.0460250e-04	734.40	734.40	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436750.40000	3873657.00000	8.5479160e-04	734.60	734.60	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436800.40000	3873657.00000	8.0921040e-04	735.10	735.10	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436850.40000	3873657.00000	7.6826940e-04	735.40	735.40	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435850.40000	3873707.00000	1.0595950e-02	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				

435900.40000	3873707.00000	7.1030320e-03	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435950.40000	3873707.00000	5.3515640e-03	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436000.40000	3873707.00000	4.2376570e-03	728.80	728.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436050.40000	3873707.00000	3.4649120e-03	729.10	729.10	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436100.40000	3873707.00000	2.9034010e-03	729.50	729.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436150.40000	3873707.00000	2.4815070e-03	730.00	730.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436200.40000	3873707.00000	2.1562380e-03	730.50	730.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436250.40000	3873707.00000	1.9000800e-03	731.00	731.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436300.40000	3873707.00000	1.6949230e-03	731.50	731.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436350.40000	3873707.00000	1.5281620e-03	732.00	732.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436400.40000	3873707.00000	1.3913770e-03	732.20	732.20	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436450.40000	3873707.00000	1.2763150e-03	732.70	732.70	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436500.40000	3873707.00000	1.1797320e-03	732.90	732.90	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436550.40000	3873707.00000	1.0963720e-03	733.20	733.20	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436600.40000	3873707.00000	1.0236470e-03	733.60	733.60	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436650.40000	3873707.00000	9.5991590e-04	733.90	733.90	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436700.40000	3873707.00000	9.0291880e-04	734.40	734.40	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436750.40000	3873707.00000	8.5265630e-04	734.60	734.60	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436800.40000	3873707.00000	8.0678760e-04	735.10	735.10	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436850.40000	3873707.00000	7.6601090e-04	735.20	735.20	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435850.40000	3873757.00000	1.0289450e-02	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435900.40000	3873757.00000	6.9717910e-03	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435950.40000	3873757.00000	5.2840960e-03	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436000.40000	3873757.00000	4.2210260e-03	728.60	728.60	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436050.40000	3873757.00000	3.4797360e-03	728.70	728.70	1.20	PERIOD
CARTGRID	00043872	DESERTL				

436100.40000	3873757.00000	2.9311190e-03	729.20	729.20	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436150.40000	3873757.00000	2.5126750e-03	729.80	729.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436200.40000	3873757.00000	2.1860510e-03	730.30	730.30	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436250.40000	3873757.00000	1.9248420e-03	731.00	731.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436300.40000	3873757.00000	1.7139770e-03	731.50	731.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436350.40000	3873757.00000	1.5417130e-03	731.80	731.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436400.40000	3873757.00000	1.3986860e-03	732.20	732.20	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436450.40000	3873757.00000	1.2794360e-03	732.40	732.40	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436500.40000	3873757.00000	1.1795680e-03	732.70	732.70	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436550.40000	3873757.00000	1.0936620e-03	732.90	732.90	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436600.40000	3873757.00000	1.0187610e-03	733.40	733.40	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436650.40000	3873757.00000	9.5392050e-04	733.60	733.60	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436700.40000	3873757.00000	8.9589690e-04	734.20	734.20	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436750.40000	3873757.00000	8.4460770e-04	734.60	734.60	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436800.40000	3873757.00000	7.9919070e-04	734.70	734.70	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436850.40000	3873757.00000	7.5796230e-04	734.90	734.90	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435850.40000	3873807.00000	9.6859280e-03	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435900.40000	3873807.00000	6.6544060e-03	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435950.40000	3873807.00000	5.1216460e-03	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436000.40000	3873807.00000	4.1436620e-03	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436050.40000	3873807.00000	3.4491430e-03	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436100.40000	3873807.00000	2.9247130e-03	728.90	728.90	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436150.40000	3873807.00000	2.5166990e-03	729.60	729.60	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436200.40000	3873807.00000	2.1938940e-03	730.20	730.20	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436250.40000	3873807.00000	1.9337110e-03	730.80	730.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				



436300.40000	3873807.00000	1.7206300e-03	731.50	731.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436350.40000	3873807.00000	1.5459430e-03	731.70	731.70	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436400.40000	3873807.00000	1.3995080e-03	732.10	732.10	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436450.40000	3873807.00000	1.2768080e-03	732.30	732.30	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436500.40000	3873807.00000	1.1725870e-03	732.60	732.60	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436550.40000	3873807.00000	1.0849150e-03	732.80	732.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436600.40000	3873807.00000	1.0085360e-03	733.00	733.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436650.40000	3873807.00000	9.4172450e-04	733.40	733.40	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436700.40000	3873807.00000	8.8292060e-04	733.90	733.90	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436750.40000	3873807.00000	8.3138510e-04	734.10	734.10	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436800.40000	3873807.00000	7.8518790e-04	734.40	734.40	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436850.40000	3873807.00000	7.4400050e-04	734.50	734.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435850.40000	3873857.00000	8.4170040e-03	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435900.40000	3873857.00000	6.1432810e-03	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435950.40000	3873857.00000	4.8566180e-03	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436000.40000	3873857.00000	3.9936950e-03	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436050.40000	3873857.00000	3.3624160e-03	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436100.40000	3873857.00000	2.8760520e-03	728.60	728.60	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436150.40000	3873857.00000	2.4881600e-03	729.40	729.40	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436200.40000	3873857.00000	2.1764830e-03	730.10	730.10	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436250.40000	3873857.00000	1.9227470e-03	730.70	730.70	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436300.40000	3873857.00000	1.7135660e-03	731.20	731.20	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436350.40000	3873857.00000	1.5389210e-03	731.70	731.70	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436400.40000	3873857.00000	1.3926910e-03	731.90	731.90	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436450.40000	3873857.00000	1.2686770e-03	732.10	732.10	1.20	PERIOD
CARTGRID	00043872	DESERTL				

436500.40000	3873857.00000	1.1633070e-03	732.10	732.10	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436550.40000	3873857.00000	1.0722260e-03	732.50	732.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436600.40000	3873857.00000	9.9367070e-04	732.70	732.70	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436650.40000	3873857.00000	9.2509350e-04	733.20	733.20	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436700.40000	3873857.00000	8.6567360e-04	733.50	733.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436750.40000	3873857.00000	8.1315250e-04	733.90	733.90	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436800.40000	3873857.00000	7.6711960e-04	734.00	734.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436850.40000	3873857.00000	7.2572700e-04	734.20	734.20	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435850.40000	3873907.00000	6.7698790e-03	729.80	729.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435900.40000	3873907.00000	5.4875280e-03	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435950.40000	3873907.00000	4.5104050e-03	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436000.40000	3873907.00000	3.7876350e-03	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436050.40000	3873907.00000	3.2333100e-03	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436100.40000	3873907.00000	2.7913770e-03	728.90	728.90	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436150.40000	3873907.00000	2.4332980e-03	729.40	729.40	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436200.40000	3873907.00000	2.1389500e-03	730.10	730.10	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436250.40000	3873907.00000	1.8960560e-03	730.70	730.70	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436300.40000	3873907.00000	1.6936090e-03	731.20	731.20	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436350.40000	3873907.00000	1.5230290e-03	731.70	731.70	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436400.40000	3873907.00000	1.3792630e-03	731.80	731.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436450.40000	3873907.00000	1.2564810e-03	731.80	731.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436500.40000	3873907.00000	1.1507410e-03	731.90	731.90	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436550.40000	3873907.00000	1.0594550e-03	732.00	732.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436600.40000	3873907.00000	9.7974980e-04	732.50	732.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436650.40000	3873907.00000	9.0809290e-04	732.80	732.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				

436700.40000	3873907.00000	8.4735900e-04	733.20	733.20	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436750.40000	3873907.00000	7.9459160e-04	733.40	733.40	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436800.40000	3873907.00000	7.4777840e-04	733.70	733.70	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436850.40000	3873907.00000	7.0655000e-04	733.80	733.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435850.40000	3873957.00000	5.5752820e-03	730.70	734.30	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435900.40000	3873957.00000	4.8201110e-03	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435950.40000	3873957.00000	4.1255110e-03	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436000.40000	3873957.00000	3.5527890e-03	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436050.40000	3873957.00000	3.0828100e-03	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436100.40000	3873957.00000	2.6924950e-03	728.80	728.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436150.40000	3873957.00000	2.3657890e-03	729.40	729.40	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436200.40000	3873957.00000	2.0911920e-03	730.20	730.20	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436250.40000	3873957.00000	1.8613970e-03	730.80	730.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436300.40000	3873957.00000	1.6679440e-03	731.20	731.20	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436350.40000	3873957.00000	1.5036460e-03	731.50	731.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436400.40000	3873957.00000	1.3636590e-03	731.50	731.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436450.40000	3873957.00000	1.2423960e-03	731.70	731.70	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436500.40000	3873957.00000	1.1378060e-03	731.70	731.70	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436550.40000	3873957.00000	1.0468490e-03	731.70	731.70	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436600.40000	3873957.00000	9.6706100e-04	732.00	732.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436650.40000	3873957.00000	8.9704660e-04	732.50	732.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436700.40000	3873957.00000	8.3179570e-04	732.80	732.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436750.40000	3873957.00000	7.7816590e-04	733.00	733.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436800.40000	3873957.00000	7.3069570e-04	733.30	733.30	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436850.40000	3873957.00000	6.8864600e-04	733.60	733.60	1.20	PERIOD
CARTGRID	00043872	DESERTL				

435850.40000	3874007.00000	4.8224530e-03	728.50	734.30	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435900.40000	3874007.00000	4.2482110e-03	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435950.40000	3874007.00000	3.7416020e-03	728.80	728.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436000.40000	3874007.00000	3.3001220e-03	728.80	728.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436050.40000	3874007.00000	2.9161300e-03	728.80	728.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436100.40000	3874007.00000	2.5812930e-03	729.10	729.10	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436150.40000	3874007.00000	2.2918320e-03	729.40	729.40	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436200.40000	3874007.00000	2.0405190e-03	730.10	730.10	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436250.40000	3874007.00000	1.8240290e-03	731.00	731.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436300.40000	3874007.00000	1.6399380e-03	731.50	731.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436350.40000	3874007.00000	1.4832380e-03	731.50	731.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436400.40000	3874007.00000	1.3476030e-03	731.50	731.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436450.40000	3874007.00000	1.2296250e-03	731.50	731.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436500.40000	3874007.00000	1.1265950e-03	731.50	731.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436550.40000	3874007.00000	1.0361720e-03	731.60	731.60	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436600.40000	3874007.00000	9.5658970e-04	731.80	731.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436650.40000	3874007.00000	8.8616470e-04	732.30	732.30	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436700.40000	3874007.00000	8.2460950e-04	732.50	732.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436750.40000	3874007.00000	7.6560030e-04	732.70	732.70	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436800.40000	3874007.00000	7.1722660e-04	733.00	733.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436850.40000	3874007.00000	6.7439680e-04	733.30	733.30	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435850.40000	3874057.00000	4.2140050e-03	728.40	735.20	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435900.40000	3874057.00000	3.7837750e-03	728.60	728.60	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435950.40000	3874057.00000	3.3976900e-03	729.10	729.10	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436000.40000	3874057.00000	3.0539420e-03	729.10	729.10	1.20	PERIOD
CARTGRID	00043872	DESERTL				

436050.40000	3874057.00000	2.7431680e-03	729.10	729.10	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436100.40000	3874057.00000	2.4650410e-03	728.90	728.90	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436150.40000	3874057.00000	2.2140570e-03	729.00	729.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436200.40000	3874057.00000	1.9871360e-03	729.90	729.90	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436250.40000	3874057.00000	1.7855520e-03	731.20	731.20	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436300.40000	3874057.00000	1.6133290e-03	731.50	731.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436350.40000	3874057.00000	1.4645950e-03	731.30	731.30	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436400.40000	3874057.00000	1.3337640e-03	731.30	731.30	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436450.40000	3874057.00000	1.2189900e-03	731.30	731.30	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436500.40000	3874057.00000	1.1175200e-03	731.50	731.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436550.40000	3874057.00000	1.0278360e-03	731.80	731.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436600.40000	3874057.00000	9.4915710e-04	731.80	731.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436650.40000	3874057.00000	8.7926590e-04	731.90	731.90	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436700.40000	3874057.00000	8.1705370e-04	732.20	732.20	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436750.40000	3874057.00000	7.6186340e-04	732.50	732.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436800.40000	3874057.00000	7.0823360e-04	732.70	732.70	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436850.40000	3874057.00000	6.6462350e-04	732.90	732.90	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435850.40000	3874107.00000	3.6961030e-03	731.10	735.20	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435900.40000	3874107.00000	3.3861920e-03	730.30	730.30	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435950.40000	3874107.00000	3.1020280e-03	729.30	729.30	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436000.40000	3874107.00000	2.8301420e-03	729.10	729.10	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436050.40000	3874107.00000	2.5785830e-03	728.80	728.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436100.40000	3874107.00000	2.3455030e-03	728.60	728.60	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436150.40000	3874107.00000	2.1307370e-03	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436200.40000	3874107.00000	1.9332600e-03	728.70	728.70	1.20	PERIOD
CARTGRID	00043872	DESERTL				

436250.40000	3874107.00000	1.7519610e-03	729.60	729.60	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436300.40000	3874107.00000	1.5910310e-03	730.10	730.10	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436350.40000	3874107.00000	1.4503860e-03	729.80	729.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436400.40000	3874107.00000	1.3234160e-03	730.30	730.30	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436450.40000	3874107.00000	1.2109820e-03	730.80	730.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436500.40000	3874107.00000	1.1110730e-03	731.40	731.40	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436550.40000	3874107.00000	1.0233600e-03	731.50	731.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436600.40000	3874107.00000	9.4558450e-04	731.40	731.40	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436650.40000	3874107.00000	8.7585750e-04	731.50	731.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436700.40000	3874107.00000	8.1335790e-04	731.80	731.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436750.40000	3874107.00000	7.5759270e-04	732.10	732.10	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436800.40000	3874107.00000	7.0794610e-04	732.30	732.30	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436850.40000	3874107.00000	6.6347370e-04	732.60	732.60	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435850.40000	3874157.00000	3.3153970e-03	731.80	731.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435900.40000	3874157.00000	3.0870400e-03	729.80	729.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435950.40000	3874157.00000	2.8546160e-03	728.90	728.90	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436000.40000	3874157.00000	2.6336500e-03	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436050.40000	3874157.00000	2.4236890e-03	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436100.40000	3874157.00000	2.2265810e-03	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436150.40000	3874157.00000	2.0421210e-03	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436200.40000	3874157.00000	1.8703080e-03	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436250.40000	3874157.00000	1.7110620e-03	728.60	728.60	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436300.40000	3874157.00000	1.5657770e-03	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436350.40000	3874157.00000	1.4336730e-03	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436400.40000	3874157.00000	1.3137250e-03	728.90	728.90	1.20	PERIOD
CARTGRID	00043872	DESERTL				

436450.40000	3874157.00000	1.2044530e-03	730.00	730.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436500.40000	3874157.00000	1.1067610e-03	731.00	731.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436550.40000	3874157.00000	1.0210190e-03	731.10	731.10	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436600.40000	3874157.00000	9.4464000e-04	730.90	730.90	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436650.40000	3874157.00000	8.7483090e-04	731.40	731.40	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436700.40000	3874157.00000	8.1257770e-04	731.60	731.60	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436750.40000	3874157.00000	7.5623760e-04	732.10	732.10	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436800.40000	3874157.00000	7.0638580e-04	732.00	732.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436850.40000	3874157.00000	6.6133840e-04	732.10	732.10	1.20	PERIOD
CARTGRID	00043872	DESERTL				
439914.30000	3872794.00000	9.8430800e-05	752.00	752.00	1.20	PERIOD
SENSITIV	00043872					
436262.90000	3873356.00000	1.4732590e-03	732.87	732.87	1.20	PERIOD
SENSITIV	00043872					
435902.60000	3873538.00000	6.4067080e-03	728.47	728.47	1.20	PERIOD
SENSITIV	00043872					
435899.30000	3873949.00000	4.9401420e-03	728.47	728.47	1.20	PERIOD
SENSITIV	00043872					
435809.00000	3873839.00000	1.4803140e-02	728.85	728.85	1.20	PERIOD
PROPERTY	00043872					
435714.00000	3873870.00000	1.9634420e-02	728.60	728.60	1.20	PERIOD
PROPERTY	00043872					
435619.00000	3873902.00000	2.0356530e-02	728.12	728.12	1.20	PERIOD
PROPERTY	00043872					
435524.10000	3873933.00000	1.9110190e-02	725.59	725.59	1.20	PERIOD
PROPERTY	00043872					
435484.00000	3873946.00000	1.8424090e-02	725.13	725.13	1.20	PERIOD
PROPERTY	00043872					
435384.10000	3873949.00000	1.9289770e-02	725.16	725.16	1.20	PERIOD
PROPERTY	00043872					
435284.10000	3873952.00000	1.9451480e-02	724.88	724.88	1.20	PERIOD
PROPERTY	00043872					
435184.20000	3873956.00000	1.9018330e-02	723.54	723.54	1.20	PERIOD
PROPERTY	00043872					
435084.20000	3873959.00000	1.8866560e-02	722.52	722.52	1.20	PERIOD
PROPERTY	00043872					
434984.30000	3873962.00000	1.8796960e-02	722.07	722.07	1.20	PERIOD
PROPERTY	00043872					
434884.30000	3873965.00000	1.8675900e-02	721.77	721.77	1.20	PERIOD
PROPERTY	00043872					
434784.30000	3873968.00000	1.8320820e-02	721.30	721.30	1.20	PERIOD
PROPERTY	00043872					

434684.40000	3873971.00000	1.7192660e-02	720.59	720.59	1.20	PERIOD
PROPERTY	00043872					
434626.00000	3873973.00000	1.4083200e-02	720.31	720.31	1.20	PERIOD
PROPERTY	00043872					
434568.80000	3873891.00000	1.6640720e-02	719.72	719.72	1.20	PERIOD
PROPERTY	00043872					
434511.60000	3873809.00000	1.9844590e-02	719.33	719.33	1.20	PERIOD
PROPERTY	00043872					
434511.00000	3873808.00000	1.9929750e-02	719.33	719.33	1.20	PERIOD
PROPERTY	00043872					
434416.00000	3873777.00000	2.1061360e-02	719.02	719.02	1.20	PERIOD
PROPERTY	00043872					
434404.00000	3873773.00000	2.1515280e-02	719.02	719.02	1.20	PERIOD
PROPERTY	00043872					
434346.10000	3873855.00000	1.8998740e-02	719.32	719.32	1.20	PERIOD
PROPERTY	00043872					
434288.20000	3873936.00000	1.7579360e-02	719.33	719.33	1.20	PERIOD
PROPERTY	00043872					
434279.00000	3873949.00000	1.6910630e-02	719.33	719.33	1.20	PERIOD
PROPERTY	00043872					
434180.20000	3873964.00000	1.8366520e-02	718.82	718.82	1.20	PERIOD
PROPERTY	00043872					
434081.30000	3873980.00000	1.8199180e-02	717.86	717.86	1.20	PERIOD
PROPERTY	00043872					
434026.00000	3873988.00000	1.7886240e-02	717.53	717.53	1.20	PERIOD
PROPERTY	00043872					
433926.00000	3873987.00000	1.8117220e-02	716.97	716.97	1.20	PERIOD
PROPERTY	00043872					
433826.00000	3873985.00000	1.8222880e-02	716.68	716.68	1.20	PERIOD
PROPERTY	00043872					
433726.00000	3873984.00000	1.8148100e-02	716.67	716.67	1.20	PERIOD
PROPERTY	00043872					
433626.00000	3873982.00000	1.8155740e-02	716.58	716.58	1.20	PERIOD
PROPERTY	00043872					
433526.10000	3873981.00000	1.7985040e-02	716.28	716.28	1.20	PERIOD
PROPERTY	00043872					
433426.10000	3873980.00000	1.7797290e-02	716.28	716.28	1.20	PERIOD
PROPERTY	00043872					
433326.10000	3873978.00000	1.7641940e-02	715.94	715.94	1.20	PERIOD
PROPERTY	00043872					
433226.10000	3873977.00000	1.7271340e-02	715.55	715.55	1.20	PERIOD
PROPERTY	00043872					
433126.10000	3873975.00000	1.6876550e-02	714.82	714.82	1.20	PERIOD
PROPERTY	00043872					
433026.10000	3873974.00000	1.6212870e-02	714.40	714.40	1.20	PERIOD
PROPERTY	00043872					
432967.00000	3873973.00000	1.5573870e-02	714.10	714.10	1.20	PERIOD
PROPERTY	00043872					
432867.60000	3873963.00000	1.4633910e-02	713.41	713.41	1.20	PERIOD
PROPERTY	00043872					



432770.00000	3873952.00000	1.2282660e-02	713.30	713.30	1.20	PERIOD
PROPERTY	00043872					
432681.60000	3873905.00000	8.8576230e-03	715.40	715.40	1.20	PERIOD
PROPERTY	00043872					
432679.00000	3873904.00000	8.5820000e-03	715.46	715.46	1.20	PERIOD
PROPERTY	00043872					
432681.20000	3873804.00000	9.7952810e-03	713.87	713.87	1.20	PERIOD
PROPERTY	00043872					
432683.40000	3873704.00000	9.8641450e-03	712.91	712.91	1.20	PERIOD
PROPERTY	00043872					
432685.70000	3873604.00000	9.5869630e-03	712.62	712.62	1.20	PERIOD
PROPERTY	00043872					
432687.90000	3873504.00000	8.8396360e-03	712.62	712.62	1.20	PERIOD
PROPERTY	00043872					
432690.10000	3873404.00000	6.8478600e-03	713.23	713.23	1.20	PERIOD
PROPERTY	00043872					
432691.00000	3873364.00000	4.4572270e-03	713.23	713.23	1.20	PERIOD
PROPERTY	00043872					
432791.00000	3873364.00000	6.4997590e-03	713.23	713.23	1.20	PERIOD
PROPERTY	00043872					
432891.00000	3873364.00000	7.1854480e-03	713.23	713.23	1.20	PERIOD
PROPERTY	00043872					
432991.00000	3873364.00000	7.5971580e-03	713.23	713.23	1.20	PERIOD
PROPERTY	00043872					
433091.00000	3873364.00000	7.8679350e-03	713.23	713.23	1.20	PERIOD
PROPERTY	00043872					
433191.00000	3873364.00000	8.0729680e-03	713.23	713.23	1.20	PERIOD
PROPERTY	00043872					
433291.00000	3873364.00000	8.2460130e-03	713.23	713.23	1.20	PERIOD
PROPERTY	00043872					
433391.00000	3873364.00000	8.3785260e-03	713.36	713.36	1.20	PERIOD
PROPERTY	00043872					
433491.00000	3873364.00000	8.4997070e-03	714.26	714.26	1.20	PERIOD
PROPERTY	00043872					
433591.00000	3873364.00000	8.5965370e-03	714.72	714.72	1.20	PERIOD
PROPERTY	00043872					
433691.00000	3873364.00000	8.6723000e-03	715.07	715.07	1.20	PERIOD
PROPERTY	00043872					
433791.00000	3873364.00000	8.7483090e-03	715.67	715.67	1.20	PERIOD
PROPERTY	00043872					
433891.00000	3873365.00000	8.9558880e-03	716.12	716.12	1.20	PERIOD
PROPERTY	00043872					
433991.00000	3873365.00000	8.9868500e-03	716.28	716.28	1.20	PERIOD
PROPERTY	00043872					
434091.00000	3873365.00000	8.9974460e-03	716.57	716.57	1.20	PERIOD
PROPERTY	00043872					
434191.00000	3873365.00000	9.0534160e-03	717.50	717.50	1.20	PERIOD
PROPERTY	00043872					
434291.00000	3873365.00000	9.0960820e-03	718.12	718.12	1.20	PERIOD
PROPERTY	00043872					

434391.00000	3873365.00000	9.1537360e-03	719.14	719.14	1.20	PERIOD
PROPERTY	00043872					
434491.00000	3873365.00000	9.1499990e-03	719.47	719.47	1.20	PERIOD
PROPERTY	00043872					
434591.00000	3873365.00000	9.1853960e-03	719.94	719.94	1.20	PERIOD
PROPERTY	00043872					
434691.00000	3873365.00000	9.2306080e-03	720.42	720.42	1.20	PERIOD
PROPERTY	00043872					
434791.00000	3873365.00000	9.2954070e-03	721.37	721.37	1.20	PERIOD
PROPERTY	00043872					
434891.00000	3873365.00000	9.3638200e-03	722.38	722.38	1.20	PERIOD
PROPERTY	00043872					
434991.00000	3873365.00000	9.3191420e-03	722.60	722.60	1.20	PERIOD
PROPERTY	00043872					
435091.00000	3873365.00000	9.4300980e-03	724.03	724.03	1.20	PERIOD
PROPERTY	00043872					
435191.00000	3873365.00000	9.5453650e-03	725.23	725.23	1.20	PERIOD
PROPERTY	00043872					
435291.00000	3873365.00000	9.4979760e-03	725.60	725.60	1.20	PERIOD
PROPERTY	00043872					
435391.00000	3873365.00000	9.3543750e-03	725.80	725.80	1.20	PERIOD
PROPERTY	00043872					
435491.00000	3873365.00000	9.3524870e-03	726.77	726.77	1.20	PERIOD
PROPERTY	00043872					
435591.00000	3873365.00000	9.3081370e-03	727.97	727.97	1.20	PERIOD
PROPERTY	00043872					
435691.00000	3873365.00000	8.7158270e-03	728.31	728.31	1.20	PERIOD
PROPERTY	00043872					
435791.00000	3873365.00000	7.4440300e-03	728.68	728.68	1.20	PERIOD
PROPERTY	00043872					
435836.00000	3873365.00000	5.8261010e-03	728.94	728.94	1.20	PERIOD
PROPERTY	00043872					
435830.30000	3873465.00000	1.3330210e-02	728.47	728.47	1.20	PERIOD
PROPERTY	00043872					
435824.60000	3873565.00000	1.5299150e-02	728.47	728.47	1.20	PERIOD
PROPERTY	00043872					
435818.90000	3873665.00000	1.6115670e-02	728.46	728.46	1.20	PERIOD
PROPERTY	00043872					
435813.30000	3873764.00000	1.6200510e-02	728.41	728.41	1.20	PERIOD
PROPERTY	00043872					

## *GLC Period Files*

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Project Site 5

\* AERMOD ( 19191): HARP GENERATED FILE  
 09/10/20  
 \* AERMET ( 14134):  
 16:36:25  
 \* MODELING OPTIONS USED: RegDFAULT CONC ELEV FLGPOL RURAL  
 \* PLOT FILE OF PERIOD VALUES FOR SOURCE GROUP: ALL  
 \* FOR A TOTAL OF 1454 RECEPTORS.  
 \* FORMAT: (3(1X,F13.5),3(1X,F8.2),2X,A6,2X,A8,2X,I8.8,2X,A8)

* X	Y	AVERAGE CONC	ZELEV	ZHILL	ZFLAG	AVE	GRP
NUM HRS	NET ID						
430733.00000	3864761.00000	1.5486610e-05	724.10	724.10	1.20	PERIOD	
CARTGRID 00043872	COURSE						
431233.00000	3864761.00000	1.6654530e-05	725.10	725.10	1.20	PERIOD	
CARTGRID 00043872	COURSE						
431733.00000	3864761.00000	1.8476490e-05	732.00	732.00	1.20	PERIOD	
CARTGRID 00043872	COURSE						
432233.00000	3864761.00000	1.8056030e-05	744.10	744.10	1.20	PERIOD	
CARTGRID 00043872	COURSE						
432733.00000	3864761.00000	1.6070570e-05	754.30	754.30	1.20	PERIOD	
CARTGRID 00043872	COURSE						
433233.00000	3864761.00000	1.4131830e-05	767.80	767.80	1.20	PERIOD	
CARTGRID 00043872	COURSE						
433733.00000	3864761.00000	1.3664660e-05	789.90	789.90	1.20	PERIOD	
CARTGRID 00043872	COURSE						
434233.00000	3864761.00000	1.0651430e-05	818.20	922.00	1.20	PERIOD	
CARTGRID 00043872	COURSE						
434733.00000	3864761.00000	7.2878170e-06	856.60	922.00	1.20	PERIOD	
CARTGRID 00043872	COURSE						
435233.00000	3864761.00000	6.1198980e-06	901.00	909.00	1.20	PERIOD	
CARTGRID 00043872	COURSE						
435733.00000	3864761.00000	5.7928810e-06	903.00	903.00	1.20	PERIOD	
CARTGRID 00043872	COURSE						
436233.00000	3864761.00000	5.4658630e-06	898.00	898.00	1.20	PERIOD	
CARTGRID 00043872	COURSE						
436733.00000	3864761.00000	4.6483200e-06	910.30	910.30	1.20	PERIOD	
CARTGRID 00043872	COURSE						
437233.00000	3864761.00000	3.9709260e-06	893.80	893.80	1.20	PERIOD	
CARTGRID 00043872	COURSE						
437733.00000	3864761.00000	3.5037580e-06	893.80	893.80	1.20	PERIOD	
CARTGRID 00043872	COURSE						
438233.00000	3864761.00000	3.5271170e-06	902.00	902.00	1.20	PERIOD	
CARTGRID 00043872	COURSE						
438733.00000	3864761.00000	3.8541340e-06	917.70	917.70	1.20	PERIOD	
CARTGRID 00043872	COURSE						
439233.00000	3864761.00000	3.6672670e-06	925.70	925.70	1.20	PERIOD	
CARTGRID 00043872	COURSE						

439733.00000	3864761.00000	3.5271170e-06	939.40	939.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
440233.00000	3864761.00000	3.2701740e-06	942.10	942.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
440733.00000	3864761.00000	3.4336830e-06	909.90	932.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
441233.00000	3864761.00000	3.9942850e-06	891.60	891.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
441733.00000	3864761.00000	4.6483200e-06	876.00	876.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
442233.00000	3864761.00000	4.9052610e-06	865.20	865.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
442733.00000	3864761.00000	4.7884700e-06	859.10	859.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
443233.00000	3864761.00000	4.6950360e-06	853.90	853.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
443733.00000	3864761.00000	4.4614520e-06	852.10	852.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
444233.00000	3864761.00000	3.8774920e-06	852.00	852.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
444733.00000	3864761.00000	3.2000990e-06	859.20	859.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
445233.00000	3864761.00000	2.9431570e-06	874.90	874.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
445733.00000	3864761.00000	3.0833080e-06	893.00	893.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
430733.00000	3865261.00000	1.5486610e-05	741.80	774.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
431233.00000	3865261.00000	1.7331930e-05	731.00	731.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
431733.00000	3865261.00000	1.9737840e-05	727.80	727.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
432233.00000	3865261.00000	1.9714480e-05	736.90	736.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
432733.00000	3865261.00000	1.8476490e-05	744.60	744.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
433233.00000	3865261.00000	1.6420950e-05	761.30	761.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
433733.00000	3865261.00000	1.5743560e-05	781.90	933.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
434233.00000	3865261.00000	1.2450020e-05	808.20	961.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
434733.00000	3865261.00000	7.2177420e-06	875.20	933.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
435233.00000	3865261.00000	6.3534820e-06	916.70	916.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
435733.00000	3865261.00000	5.8629560e-06	931.40	941.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
436233.00000	3865261.00000	5.4658630e-06	917.90	917.90	1.20	PERIOD
CARTGRID	00043872	COURSE				

436733.00000	3865261.00000	4.6016030e-06	910.80	946.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
437233.00000	3865261.00000	3.9242100e-06	904.50	904.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
437733.00000	3865261.00000	3.5971920e-06	907.50	907.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
438233.00000	3865261.00000	3.9008510e-06	909.80	909.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
438733.00000	3865261.00000	4.2278680e-06	918.10	918.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
439233.00000	3865261.00000	3.8074170e-06	930.40	930.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
439733.00000	3865261.00000	3.5504750e-06	938.70	938.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
440233.00000	3865261.00000	3.5271170e-06	926.30	926.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
440733.00000	3865261.00000	4.0643590e-06	897.20	915.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
441233.00000	3865261.00000	4.7884700e-06	879.00	879.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
441733.00000	3865261.00000	5.1388460e-06	865.90	865.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
442233.00000	3865261.00000	5.1388460e-06	855.60	855.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
442733.00000	3865261.00000	4.9986950e-06	851.50	851.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
443233.00000	3865261.00000	4.7417530e-06	848.00	848.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
443733.00000	3865261.00000	4.1344350e-06	846.90	846.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
444233.00000	3865261.00000	3.5971920e-06	846.70	846.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
444733.00000	3865261.00000	3.5738340e-06	855.10	855.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
445233.00000	3865261.00000	3.8774920e-06	865.90	865.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
445733.00000	3865261.00000	3.9242100e-06	879.40	910.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
430733.00000	3865761.00000	1.3898240e-05	762.60	766.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
431233.00000	3865761.00000	1.7518790e-05	743.50	743.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
431733.00000	3865761.00000	2.1092630e-05	734.00	734.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
432233.00000	3865761.00000	2.1396280e-05	730.30	730.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
432733.00000	3865761.00000	2.0742250e-05	737.00	737.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
433233.00000	3865761.00000	2.0181650e-05	751.40	751.40	1.20	PERIOD
CARTGRID	00043872	COURSE				

433733.00000	3865761.00000	2.0391870e-05	769.30	941.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
434233.00000	3865761.00000	1.5813630e-05	794.00	961.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
434733.00000	3865761.00000	8.8995460e-06	832.00	961.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
435233.00000	3865761.00000	6.7038580e-06	901.90	961.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
435733.00000	3865761.00000	5.9797480e-06	951.10	961.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
436233.00000	3865761.00000	5.3957880e-06	939.10	971.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
436733.00000	3865761.00000	4.4848110e-06	930.10	957.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
437233.00000	3865761.00000	3.9008510e-06	919.30	926.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
437733.00000	3865761.00000	3.6205500e-06	930.90	964.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
438233.00000	3865761.00000	4.2979440e-06	922.70	964.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
438733.00000	3865761.00000	4.0877180e-06	924.30	945.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
439233.00000	3865761.00000	4.2045100e-06	904.40	904.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
439733.00000	3865761.00000	3.8307760e-06	912.00	930.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
440233.00000	3865761.00000	4.2045100e-06	895.70	928.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
440733.00000	3865761.00000	4.9519790e-06	877.90	916.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
441233.00000	3865761.00000	5.4191460e-06	863.20	863.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
441733.00000	3865761.00000	5.4658630e-06	853.70	853.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
442233.00000	3865761.00000	5.3957880e-06	846.00	846.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
442733.00000	3865761.00000	5.1388460e-06	840.90	840.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
443233.00000	3865761.00000	4.4147350e-06	842.00	842.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
443733.00000	3865761.00000	3.9942850e-06	841.00	841.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
444233.00000	3865761.00000	4.3213020e-06	843.00	843.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
444733.00000	3865761.00000	4.6716780e-06	852.80	852.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
445233.00000	3865761.00000	4.6016030e-06	864.80	864.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
445733.00000	3865761.00000	4.0410010e-06	885.80	885.80	1.20	PERIOD
CARTGRID	00043872	COURSE				

430733.00000	3866261.00000	1.4435480e-05	765.50	765.50	1.20	PERIOD
CARTGRID 00043872 COURSE						
431233.00000	3866261.00000	1.7729020e-05	749.40	749.40	1.20	PERIOD
CARTGRID 00043872 COURSE						
431733.00000	3866261.00000	2.2283900e-05	737.20	737.20	1.20	PERIOD
CARTGRID 00043872 COURSE						
432233.00000	3866261.00000	2.3241600e-05	729.00	729.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
432733.00000	3866261.00000	2.2914580e-05	732.00	732.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
433233.00000	3866261.00000	2.4573030e-05	741.90	741.90	1.20	PERIOD
CARTGRID 00043872 COURSE						
433733.00000	3866261.00000	2.6628560e-05	758.60	961.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
434233.00000	3866261.00000	2.3638690e-05	774.50	961.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
434733.00000	3866261.00000	1.3290920e-05	801.90	971.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
435233.00000	3866261.00000	8.4790950e-06	827.60	971.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
435733.00000	3866261.00000	6.8206500e-06	866.90	971.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
436233.00000	3866261.00000	5.2789960e-06	960.40	960.40	1.20	PERIOD
CARTGRID 00043872 COURSE						
436733.00000	3866261.00000	4.4614520e-06	938.00	972.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
437233.00000	3866261.00000	3.9008510e-06	933.50	1001.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
437733.00000	3866261.00000	4.0176430e-06	931.30	996.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
438233.00000	3866261.00000	4.8351860e-06	901.80	1034.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
438733.00000	3866261.00000	4.7183950e-06	887.20	1034.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
439233.00000	3866261.00000	4.3446600e-06	879.00	879.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
439733.00000	3866261.00000	4.4380940e-06	880.30	928.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
440233.00000	3866261.00000	5.2089210e-06	868.20	927.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
440733.00000	3866261.00000	5.7928810e-06	855.50	855.50	1.20	PERIOD
CARTGRID 00043872 COURSE						
441233.00000	3866261.00000	5.9563890e-06	846.10	846.10	1.20	PERIOD
CARTGRID 00043872 COURSE						
441733.00000	3866261.00000	5.9330310e-06	838.00	838.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
442233.00000	3866261.00000	5.5826550e-06	834.00	834.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
442733.00000	3866261.00000	4.9052610e-06	832.60	832.60	1.20	PERIOD
CARTGRID 00043872 COURSE						



443233.00000	3866261.00000	4.6016030e-06	833.20	833.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
443733.00000	3866261.00000	5.2556370e-06	834.00	834.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
444233.00000	3866261.00000	5.7928810e-06	840.00	840.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
444733.00000	3866261.00000	5.3957880e-06	851.10	851.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
445233.00000	3866261.00000	4.6249610e-06	865.10	865.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
445733.00000	3866261.00000	4.2278680e-06	867.10	867.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
430733.00000	3866761.00000	1.7822450e-05	748.20	748.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
431233.00000	3866761.00000	1.9784550e-05	740.30	740.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
431733.00000	3866761.00000	2.3171520e-05	739.90	750.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
432233.00000	3866761.00000	2.5507360e-05	727.60	727.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
432733.00000	3866761.00000	2.5600790e-05	724.00	724.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
433233.00000	3866761.00000	2.9338140e-05	732.40	732.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
433733.00000	3866761.00000	3.6485800e-05	744.40	941.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
434233.00000	3866761.00000	3.3215630e-05	762.60	961.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
434733.00000	3866761.00000	1.9340740e-05	781.70	971.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
435233.00000	3866761.00000	1.1095230e-05	804.60	971.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
435733.00000	3866761.00000	7.9652100e-06	831.30	1026.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
436233.00000	3866761.00000	5.8863140e-06	871.60	1026.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
436733.00000	3866761.00000	4.5548860e-06	926.00	1026.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
437233.00000	3866761.00000	3.4103250e-06	990.00	1001.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
437733.00000	3866761.00000	4.5081690e-06	925.00	1034.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
438233.00000	3866761.00000	5.1622040e-06	890.10	1034.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
438733.00000	3866761.00000	4.8819030e-06	867.90	1034.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
439233.00000	3866761.00000	4.8585450e-06	858.50	1034.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
439733.00000	3866761.00000	5.6293720e-06	851.80	851.80	1.20	PERIOD
CARTGRID	00043872	COURSE				

440233.00000	3866761.00000	6.3067650e-06	842.40	842.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
440733.00000	3866761.00000	6.5870660e-06	835.50	835.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
441233.00000	3866761.00000	6.5403490e-06	830.50	830.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
441733.00000	3866761.00000	6.1432570e-06	826.50	826.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
442233.00000	3866761.00000	5.4658630e-06	825.50	825.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
442733.00000	3866761.00000	5.5359380e-06	824.00	824.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
443233.00000	3866761.00000	6.3768400e-06	827.10	827.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
443733.00000	3866761.00000	6.7038580e-06	833.80	833.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
444233.00000	3866761.00000	6.2834060e-06	840.00	840.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
444733.00000	3866761.00000	5.3957880e-06	846.50	846.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
445233.00000	3866761.00000	4.6950360e-06	851.60	851.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
445733.00000	3866761.00000	4.1811520e-06	854.90	854.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
430733.00000	3867261.00000	2.1349570e-05	728.10	728.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
431233.00000	3867261.00000	2.2610920e-05	725.90	725.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
431733.00000	3867261.00000	2.5390570e-05	722.80	722.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
432233.00000	3867261.00000	2.7703050e-05	719.00	719.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
432733.00000	3867261.00000	2.8894330e-05	718.10	718.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
433233.00000	3867261.00000	3.4196680e-05	724.00	724.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
433733.00000	3867261.00000	4.5105050e-05	733.40	733.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
434233.00000	3867261.00000	4.9940230e-05	747.90	961.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
434733.00000	3867261.00000	3.1043300e-05	762.60	970.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
435233.00000	3867261.00000	1.6701250e-05	779.90	1026.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
435733.00000	3867261.00000	1.0534630e-05	798.50	1034.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
436233.00000	3867261.00000	7.0542330e-06	823.40	1034.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
436733.00000	3867261.00000	5.6060130e-06	857.60	1034.00	1.20	PERIOD
CARTGRID	00043872	COURSE				

437233.00000	3867261.00000	3.9475680e-06	968.80	1026.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
437733.00000	3867261.00000	4.2045100e-06	991.30	1034.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
438233.00000	3867261.00000	4.8351860e-06	934.10	1034.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
438733.00000	3867261.00000	5.2789960e-06	854.70	1034.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
439233.00000	3867261.00000	6.0031060e-06	843.00	1034.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
439733.00000	3867261.00000	6.8206500e-06	834.80	1034.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
440233.00000	3867261.00000	7.3812510e-06	824.70	824.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
440733.00000	3867261.00000	7.4513260e-06	818.80	818.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
441233.00000	3867261.00000	6.9140830e-06	816.80	816.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
441733.00000	3867261.00000	6.3067650e-06	816.80	816.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
442233.00000	3867261.00000	6.7038580e-06	816.80	816.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
442733.00000	3867261.00000	8.0119280e-06	818.00	818.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
443233.00000	3867261.00000	8.2455120e-06	823.40	823.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
443733.00000	3867261.00000	6.7038580e-06	836.00	836.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
444233.00000	3867261.00000	5.9797480e-06	836.00	836.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
444733.00000	3867261.00000	5.1855620e-06	838.10	838.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
445233.00000	3867261.00000	4.3680190e-06	846.80	846.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
445733.00000	3867261.00000	3.7607010e-06	853.40	853.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
430733.00000	3867761.00000	2.5600790e-05	719.10	719.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
431233.00000	3867761.00000	2.5507360e-05	717.90	717.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
431733.00000	3867761.00000	2.7562900e-05	716.00	716.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
432233.00000	3867761.00000	3.0506060e-05	715.00	715.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
432733.00000	3867761.00000	3.1977640e-05	715.00	715.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
433233.00000	3867761.00000	3.9592470e-05	717.80	717.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
433733.00000	3867761.00000	5.2766600e-05	726.40	726.40	1.20	PERIOD
CARTGRID	00043872	COURSE				

434233.00000	3867761.00000	6.3371310e-05	736.30	736.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
434733.00000	3867761.00000	4.3773620e-05	750.90	965.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
435233.00000	3867761.00000	2.2821150e-05	765.40	1026.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
435733.00000	3867761.00000	1.2146360e-05	785.30	1034.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
436233.00000	3867761.00000	8.9696210e-06	803.70	1034.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
436733.00000	3867761.00000	7.2644590e-06	826.60	1034.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
437233.00000	3867761.00000	6.1432570e-06	873.80	1034.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
437733.00000	3867761.00000	4.6950360e-06	982.60	1034.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
438233.00000	3867761.00000	5.3957880e-06	919.80	1034.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
438733.00000	3867761.00000	6.2133310e-06	846.80	1034.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
439233.00000	3867761.00000	7.4046090e-06	829.00	1034.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
439733.00000	3867761.00000	7.9184940e-06	823.60	1034.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
440233.00000	3867761.00000	8.2221530e-06	813.90	813.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
440733.00000	3867761.00000	7.8484190e-06	809.00	809.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
441233.00000	3867761.00000	7.4513260e-06	809.00	809.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
441733.00000	3867761.00000	8.3155860e-06	810.00	810.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
442233.00000	3867761.00000	9.2966390e-06	814.70	814.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
442733.00000	3867761.00000	8.3856620e-06	825.30	825.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
443233.00000	3867761.00000	6.4235570e-06	840.90	840.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
443733.00000	3867761.00000	6.4001980e-06	829.00	829.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
444233.00000	3867761.00000	5.5826550e-06	828.00	828.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
444733.00000	3867761.00000	4.6716780e-06	835.10	835.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
445233.00000	3867761.00000	3.9709260e-06	849.70	849.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
445733.00000	3867761.00000	3.9008510e-06	860.90	860.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
430733.00000	3868261.00000	3.0085610e-05	709.20	709.20	1.20	PERIOD
CARTGRID	00043872	COURSE				

431233.00000	3868261.00000	2.8497230e-05	710.40	710.40	1.20	PERIOD
CARTGRID 00043872 COURSE						
431733.00000	3868261.00000	2.9922100e-05	711.50	711.50	1.20	PERIOD
CARTGRID 00043872 COURSE						
432233.00000	3868261.00000	3.3589360e-05	711.50	711.50	1.20	PERIOD
CARTGRID 00043872 COURSE						
432733.00000	3868261.00000	3.5621540e-05	711.00	711.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
433233.00000	3868261.00000	4.4918180e-05	713.00	713.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
433733.00000	3868261.00000	6.0825250e-05	719.00	719.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
434233.00000	3868261.00000	7.1756970e-05	729.60	729.60	1.20	PERIOD
CARTGRID 00043872 COURSE						
434733.00000	3868261.00000	5.6387150e-05	741.30	741.30	1.20	PERIOD
CARTGRID 00043872 COURSE						
435233.00000	3868261.00000	2.8824250e-05	754.90	1026.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
435733.00000	3868261.00000	1.5790270e-05	769.60	1034.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
436233.00000	3868261.00000	1.2706960e-05	782.50	1034.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
436733.00000	3868261.00000	9.7638070e-06	801.10	1034.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
437233.00000	3868261.00000	7.8951350e-06	827.20	1034.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
437733.00000	3868261.00000	6.2133310e-06	888.40	1034.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
438233.00000	3868261.00000	6.0731810e-06	913.70	1034.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
438733.00000	3868261.00000	7.6148340e-06	835.40	1034.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
439233.00000	3868261.00000	8.7593950e-06	818.60	1034.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
439733.00000	3868261.00000	8.9229040e-06	811.30	1034.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
440233.00000	3868261.00000	8.9229040e-06	803.50	803.50	1.20	PERIOD
CARTGRID 00043872 COURSE						
440733.00000	3868261.00000	9.1798470e-06	800.50	800.50	1.20	PERIOD
CARTGRID 00043872 COURSE						
441233.00000	3868261.00000	1.0324410e-05	804.00	804.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
441733.00000	3868261.00000	9.4835070e-06	818.60	818.60	1.20	PERIOD
CARTGRID 00043872 COURSE						
442233.00000	3868261.00000	7.3345340e-06	835.80	841.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
442733.00000	3868261.00000	6.3067650e-06	844.60	844.60	1.20	PERIOD
CARTGRID 00043872 COURSE						
443233.00000	3868261.00000	6.0731810e-06	834.10	834.10	1.20	PERIOD
CARTGRID 00043872 COURSE						

443733.00000	3868261.00000	5.6060130e-06	827.20	827.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
444233.00000	3868261.00000	5.2789960e-06	823.00	823.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
444733.00000	3868261.00000	5.1154870e-06	831.20	831.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
445233.00000	3868261.00000	5.5592960e-06	839.40	842.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
445733.00000	3868261.00000	6.1666150e-06	847.90	860.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
430733.00000	3868761.00000	3.6952970e-05	704.40	704.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
431233.00000	3868761.00000	3.2678380e-05	704.10	704.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
431733.00000	3868761.00000	3.3075480e-05	707.60	707.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
432233.00000	3868761.00000	3.7069760e-05	708.00	708.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
432733.00000	3868761.00000	4.0129710e-05	709.00	709.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
433233.00000	3868761.00000	5.1458530e-05	710.00	710.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
433733.00000	3868761.00000	6.9678070e-05	713.00	713.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
434233.00000	3868761.00000	7.8741130e-05	720.90	720.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
434733.00000	3868761.00000	6.7669250e-05	730.60	730.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
435233.00000	3868761.00000	3.6112070e-05	742.80	1026.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
435733.00000	3868761.00000	2.3381750e-05	755.90	1034.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
436233.00000	3868761.00000	1.6444310e-05	767.60	1034.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
436733.00000	3868761.00000	1.2800400e-05	783.30	1034.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
437233.00000	3868761.00000	1.0044110e-05	799.90	1034.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
437733.00000	3868761.00000	8.4557370e-06	815.40	1034.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
438233.00000	3868761.00000	8.3389450e-06	829.60	1034.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
438733.00000	3868761.00000	9.8572400e-06	812.50	1034.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
439233.00000	3868761.00000	9.9740320e-06	806.80	1034.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
439733.00000	3868761.00000	9.8105230e-06	802.50	1025.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
440233.00000	3868761.00000	1.1025160e-05	796.80	796.80	1.20	PERIOD
CARTGRID	00043872	COURSE				

440733.00000	3868761.00000	1.3197490e-05	796.80	796.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
441233.00000	3868761.00000	1.0044110e-05	817.30	823.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
441733.00000	3868761.00000	7.0075170e-06	847.10	847.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
442233.00000	3868761.00000	6.4235570e-06	844.60	844.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
442733.00000	3868761.00000	5.9330310e-06	838.00	838.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
443233.00000	3868761.00000	5.7461640e-06	827.90	827.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
443733.00000	3868761.00000	5.6994470e-06	829.80	829.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
444233.00000	3868761.00000	7.6849100e-06	817.10	817.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
444733.00000	3868761.00000	8.8761880e-06	822.70	822.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
445233.00000	3868761.00000	8.6426040e-06	835.40	835.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
445733.00000	3868761.00000	9.6002980e-06	827.90	827.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
430733.00000	3869261.00000	4.6553270e-05	696.20	696.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
431233.00000	3869261.00000	3.9125300e-05	701.00	701.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
431733.00000	3869261.00000	3.7607010e-05	705.00	705.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
432233.00000	3869261.00000	4.1554580e-05	714.40	714.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
432733.00000	3869261.00000	4.5689010e-05	707.00	707.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
433233.00000	3869261.00000	5.9774120e-05	709.70	709.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
433733.00000	3869261.00000	8.0539730e-05	712.90	712.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
434233.00000	3869261.00000	8.7850910e-05	714.00	714.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
434733.00000	3869261.00000	7.3789150e-05	723.80	723.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
435233.00000	3869261.00000	4.2091820e-05	734.00	734.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
435733.00000	3869261.00000	3.1557190e-05	745.10	1026.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
436233.00000	3869261.00000	2.0181650e-05	757.10	1034.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
436733.00000	3869261.00000	1.7215130e-05	770.10	1034.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
437233.00000	3869261.00000	1.3244210e-05	783.10	1034.00	1.20	PERIOD
CARTGRID	00043872	COURSE				

437733.00000	3869261.00000	1.0020750e-05	812.20	1034.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
438233.00000	3869261.00000	1.0184260e-05	821.50	1034.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
438733.00000	3869261.00000	1.1936140e-05	795.10	1034.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
439233.00000	3869261.00000	1.1795990e-05	795.10	1034.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
439733.00000	3869261.00000	1.3337640e-05	794.00	794.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
440233.00000	3869261.00000	1.6841400e-05	790.10	790.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
440733.00000	3869261.00000	1.5182950e-05	798.70	798.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
441233.00000	3869261.00000	1.0160900e-05	815.50	815.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
441733.00000	3869261.00000	7.7082690e-06	824.40	824.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
442233.00000	3869261.00000	6.6571410e-06	826.10	826.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
442733.00000	3869261.00000	6.7272160e-06	824.10	824.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
443233.00000	3869261.00000	8.3155860e-06	818.00	818.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
443733.00000	3869261.00000	9.5535810e-06	822.80	822.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
444233.00000	3869261.00000	1.1422250e-05	816.80	823.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
444733.00000	3869261.00000	1.1562400e-05	818.00	818.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
445233.00000	3869261.00000	9.4835070e-06	828.20	828.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
445733.00000	3869261.00000	8.9462630e-06	823.00	823.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
430733.00000	3869761.00000	5.9190160e-05	696.00	696.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
431233.00000	3869761.00000	4.9589860e-05	699.10	699.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
431733.00000	3869761.00000	4.4754670e-05	707.00	707.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
432233.00000	3869761.00000	4.6786850e-05	707.00	707.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
432733.00000	3869761.00000	5.2649810e-05	707.00	707.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
433233.00000	3869761.00000	7.0752560e-05	713.00	713.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
433733.00000	3869761.00000	9.3900720e-05	714.00	714.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
434233.00000	3869761.00000	9.9016220e-05	716.00	716.00	1.20	PERIOD
CARTGRID	00043872	COURSE				



434733.00000	3869761.00000	7.8764490e-05	721.00	721.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
435233.00000	3869761.00000	4.8492020e-05	728.40	728.40	1.20	PERIOD
CARTGRID 00043872 COURSE						
435733.00000	3869761.00000	3.5060940e-05	738.10	738.10	1.20	PERIOD
CARTGRID 00043872 COURSE						
436233.00000	3869761.00000	2.9688510e-05	746.90	1015.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
436733.00000	3869761.00000	2.3685410e-05	758.20	1034.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
437233.00000	3869761.00000	2.0018140e-05	766.50	1034.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
437733.00000	3869761.00000	1.5790270e-05	782.90	1034.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
438233.00000	3869761.00000	1.4038390e-05	789.00	1023.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
438733.00000	3869761.00000	1.5206310e-05	785.50	970.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
439233.00000	3869761.00000	1.7752380e-05	786.00	786.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
439733.00000	3869761.00000	2.1069270e-05	784.50	784.50	1.20	PERIOD
CARTGRID 00043872 COURSE						
440233.00000	3869761.00000	2.1162700e-05	783.10	783.10	1.20	PERIOD
CARTGRID 00043872 COURSE						
440733.00000	3869761.00000	1.3851520e-05	794.80	794.80	1.20	PERIOD
CARTGRID 00043872 COURSE						
441233.00000	3869761.00000	9.9973900e-06	802.20	802.20	1.20	PERIOD
CARTGRID 00043872 COURSE						
441733.00000	3869761.00000	9.1798470e-06	806.50	806.50	1.20	PERIOD
CARTGRID 00043872 COURSE						
442233.00000	3869761.00000	1.0160900e-05	810.00	810.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
442733.00000	3869761.00000	1.0371120e-05	823.00	823.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
443233.00000	3869761.00000	1.3968320e-05	810.00	810.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
443733.00000	3869761.00000	1.3244210e-05	811.30	817.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
444233.00000	3869761.00000	1.3057340e-05	805.00	805.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
444733.00000	3869761.00000	1.0347770e-05	814.60	814.60	1.20	PERIOD
CARTGRID 00043872 COURSE						
445233.00000	3869761.00000	8.2922280e-06	830.60	830.60	1.20	PERIOD
CARTGRID 00043872 COURSE						
445733.00000	3869761.00000	8.2688690e-06	814.20	814.20	1.20	PERIOD
CARTGRID 00043872 COURSE						
430733.00000	3870261.00000	7.3088400e-05	698.00	698.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
431233.00000	3870261.00000	6.5543640e-05	700.80	700.80	1.20	PERIOD
CARTGRID 00043872 COURSE						

431733.00000	3870261.00000	5.5616320e-05	702.60	702.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
432233.00000	3870261.00000	5.4705350e-05	707.40	707.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
432733.00000	3870261.00000	6.1362490e-05	707.00	707.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
433233.00000	3870261.00000	8.5047900e-05	713.00	713.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
433733.00000	3870261.00000	1.1039180e-04	714.40	714.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
434233.00000	3870261.00000	1.1247060e-04	718.00	718.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
434733.00000	3870261.00000	8.4931100e-05	722.00	722.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
435233.00000	3870261.00000	5.3187050e-05	728.00	728.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
435733.00000	3870261.00000	3.9779340e-05	735.00	735.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
436233.00000	3870261.00000	4.0550160e-05	742.00	742.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
436733.00000	3870261.00000	3.2351370e-05	750.00	750.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
437233.00000	3870261.00000	2.6838790e-05	758.10	899.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
437733.00000	3870261.00000	2.0788970e-05	767.00	899.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
438233.00000	3870261.00000	2.1396280e-05	774.00	899.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
438733.00000	3870261.00000	2.2424050e-05	780.00	899.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
439233.00000	3870261.00000	2.5484000e-05	779.80	779.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
439733.00000	3870261.00000	2.5834380e-05	774.00	774.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
440233.00000	3870261.00000	1.5743560e-05	786.10	786.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
440733.00000	3870261.00000	1.4108470e-05	786.00	786.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
441233.00000	3870261.00000	1.5603400e-05	788.30	788.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
441733.00000	3870261.00000	1.7004910e-05	795.10	795.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
442233.00000	3870261.00000	1.6093930e-05	806.40	806.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
442733.00000	3870261.00000	1.6420950e-05	803.40	803.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
443233.00000	3870261.00000	1.5229670e-05	798.80	798.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
443733.00000	3870261.00000	1.2870470e-05	798.80	798.80	1.20	PERIOD
CARTGRID	00043872	COURSE				

444233.00000	3870261.00000	1.1188670e-05	798.00	798.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
444733.00000	3870261.00000	9.8105230e-06	798.10	798.10	1.20	PERIOD
CARTGRID 00043872 COURSE						
445233.00000	3870261.00000	8.4557370e-06	801.80	801.80	1.20	PERIOD
CARTGRID 00043872 COURSE						
445733.00000	3870261.00000	7.6381930e-06	799.80	799.80	1.20	PERIOD
CARTGRID 00043872 COURSE						
430733.00000	3870761.00000	8.5842080e-05	700.70	700.70	1.20	PERIOD
CARTGRID 00043872 COURSE						
431233.00000	3870761.00000	8.5258120e-05	701.50	701.50	1.20	PERIOD
CARTGRID 00043872 COURSE						
431733.00000	3870761.00000	7.4653410e-05	707.00	707.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
432233.00000	3870761.00000	6.7248800e-05	707.00	707.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
432733.00000	3870761.00000	7.3228560e-05	709.00	709.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
433233.00000	3870761.00000	1.0441200e-04	712.00	712.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
433733.00000	3870761.00000	1.3146100e-04	715.00	715.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
434233.00000	3870761.00000	1.2898500e-04	719.10	719.10	1.20	PERIOD
CARTGRID 00043872 COURSE						
434733.00000	3870761.00000	9.0980920e-05	723.80	723.80	1.20	PERIOD
CARTGRID 00043872 COURSE						
435233.00000	3870761.00000	5.8302540e-05	728.40	728.40	1.20	PERIOD
CARTGRID 00043872 COURSE						
435733.00000	3870761.00000	5.2649810e-05	734.00	734.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
436233.00000	3870761.00000	4.6599990e-05	740.10	740.10	1.20	PERIOD
CARTGRID 00043872 COURSE						
436733.00000	3870761.00000	3.9896130e-05	747.50	747.50	1.20	PERIOD
CARTGRID 00043872 COURSE						
437233.00000	3870761.00000	2.7632980e-05	762.00	762.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
437733.00000	3870761.00000	3.1370320e-05	765.10	765.10	1.20	PERIOD
CARTGRID 00043872 COURSE						
438233.00000	3870761.00000	3.1019940e-05	773.10	773.10	1.20	PERIOD
CARTGRID 00043872 COURSE						
438733.00000	3870761.00000	3.1814130e-05	773.10	773.10	1.20	PERIOD
CARTGRID 00043872 COURSE						
439233.00000	3870761.00000	2.7586260e-05	770.80	770.80	1.20	PERIOD
CARTGRID 00043872 COURSE						
439733.00000	3870761.00000	2.0602100e-05	776.10	776.10	1.20	PERIOD
CARTGRID 00043872 COURSE						
440233.00000	3870761.00000	2.0718890e-05	779.90	779.90	1.20	PERIOD
CARTGRID 00043872 COURSE						
440733.00000	3870761.00000	2.4713170e-05	780.00	780.00	1.20	PERIOD
CARTGRID 00043872 COURSE						

441233.00000	3870761.00000	2.6978940e-05	780.50	780.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
441733.00000	3870761.00000	2.3148160e-05	786.10	786.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
442233.00000	3870761.00000	2.0275080e-05	783.10	783.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
442733.00000	3870761.00000	1.5836990e-05	786.10	786.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
443233.00000	3870761.00000	1.2753680e-05	791.90	791.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
443733.00000	3870761.00000	1.1025160e-05	792.00	792.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
444233.00000	3870761.00000	9.6703720e-06	792.00	792.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
444733.00000	3870761.00000	8.6659630e-06	792.00	792.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
445233.00000	3870761.00000	8.2922280e-06	787.30	787.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
445733.00000	3870761.00000	8.2221530e-06	787.10	787.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
430733.00000	3871261.00000	9.1588240e-05	701.60	701.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
431233.00000	3871261.00000	1.0677120e-04	704.10	704.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
431733.00000	3871261.00000	1.0132870e-04	707.00	707.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
432233.00000	3871261.00000	8.9205690e-05	707.00	707.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
432733.00000	3871261.00000	9.0840770e-05	710.00	710.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
433233.00000	3871261.00000	1.3195150e-04	713.00	713.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
433733.00000	3871261.00000	1.5930420e-04	715.20	715.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
434233.00000	3871261.00000	1.5073170e-04	720.00	720.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
434733.00000	3871261.00000	9.8455600e-05	724.00	724.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
435233.00000	3871261.00000	7.0518970e-05	729.00	729.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
435733.00000	3871261.00000	6.5169900e-05	734.00	734.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
436233.00000	3871261.00000	5.7835370e-05	737.40	737.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
436733.00000	3871261.00000	5.3023540e-05	743.00	743.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
437233.00000	3871261.00000	5.6223640e-05	749.50	749.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
437733.00000	3871261.00000	5.5149160e-05	756.00	756.00	1.20	PERIOD
CARTGRID	00043872	COURSE				

438233.00000	3871261.00000	4.4637880e-05	761.70	761.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
438733.00000	3871261.00000	3.6485800e-05	762.40	762.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
439233.00000	3871261.00000	3.0132320e-05	769.90	769.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
439733.00000	3871261.00000	3.3425850e-05	771.50	771.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
440233.00000	3871261.00000	3.5691620e-05	772.00	772.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
440733.00000	3871261.00000	3.2071070e-05	772.90	772.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
441233.00000	3871261.00000	2.5390570e-05	774.00	774.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
441733.00000	3871261.00000	1.9761200e-05	774.00	774.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
442233.00000	3871261.00000	1.5860350e-05	776.00	776.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
442733.00000	3871261.00000	1.3104060e-05	780.00	780.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
443233.00000	3871261.00000	1.1398890e-05	783.00	783.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
443733.00000	3871261.00000	1.0698140e-05	783.40	783.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
444233.00000	3871261.00000	1.0464560e-05	786.80	786.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
444733.00000	3871261.00000	1.1165310e-05	783.90	783.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
445233.00000	3871261.00000	1.2216440e-05	780.00	780.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
445733.00000	3871261.00000	1.2847110e-05	777.50	777.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
430733.00000	3871761.00000	9.6984030e-05	704.10	704.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
431233.00000	3871761.00000	1.2386950e-04	705.60	705.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
431733.00000	3871761.00000	1.3454430e-04	707.00	707.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
432233.00000	3871761.00000	1.2627550e-04	707.00	707.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
432733.00000	3871761.00000	1.2118330e-04	710.30	710.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
433233.00000	3871761.00000	1.7173090e-04	713.00	713.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
433733.00000	3871761.00000	1.9770540e-04	715.00	715.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
434233.00000	3871761.00000	1.8121440e-04	719.00	719.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
434733.00000	3871761.00000	1.1394220e-04	724.00	724.00	1.20	PERIOD
CARTGRID	00043872	COURSE				

435233.00000	3871761.00000	8.9742930e-05	728.40	728.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
435733.00000	3871761.00000	7.8741130e-05	733.10	733.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
436233.00000	3871761.00000	8.1123680e-05	738.00	738.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
436733.00000	3871761.00000	8.4814310e-05	742.40	742.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
437233.00000	3871761.00000	8.2782130e-05	747.10	747.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
437733.00000	3871761.00000	6.6221030e-05	752.00	752.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
438233.00000	3871761.00000	5.2766600e-05	756.80	756.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
438733.00000	3871761.00000	4.8889110e-05	761.80	761.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
439233.00000	3871761.00000	4.5782440e-05	766.60	766.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
439733.00000	3871761.00000	3.9592470e-05	768.00	768.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
440233.00000	3871761.00000	3.1533830e-05	767.00	767.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
440733.00000	3871761.00000	2.3591970e-05	767.90	767.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
441233.00000	3871761.00000	1.9177240e-05	767.80	767.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
441733.00000	3871761.00000	1.6888120e-05	768.00	768.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
442233.00000	3871761.00000	1.5836990e-05	771.00	771.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
442733.00000	3871761.00000	1.5626760e-05	774.00	774.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
443233.00000	3871761.00000	1.5673480e-05	775.70	775.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
443733.00000	3871761.00000	1.5369820e-05	777.00	777.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
444233.00000	3871761.00000	1.4108470e-05	780.80	780.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
444733.00000	3871761.00000	1.3641300e-05	778.00	778.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
445233.00000	3871761.00000	1.2777040e-05	774.00	774.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
445733.00000	3871761.00000	1.1282100e-05	771.90	771.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
430733.00000	3872261.00000	1.2015560e-04	705.00	705.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
431233.00000	3872261.00000	1.4190220e-04	706.20	706.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
431733.00000	3872261.00000	1.7177760e-04	707.00	707.00	1.20	PERIOD
CARTGRID	00043872	COURSE				

432233.00000	3872261.00000	1.8030340e-04	709.00	709.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
432733.00000	3872261.00000	1.8011650e-04	710.90	710.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
433233.00000	3872261.00000	2.3475180e-04	712.80	712.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
433733.00000	3872261.00000	2.5558750e-04	715.00	715.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
434233.00000	3872261.00000	2.2982320e-04	719.00	719.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
434733.00000	3872261.00000	1.4370080e-04	723.00	723.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
435233.00000	3872261.00000	1.2029570e-04	728.00	728.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
435733.00000	3872261.00000	1.2606520e-04	733.00	733.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
436233.00000	3872261.00000	1.2580830e-04	737.20	737.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
436733.00000	3872261.00000	1.2099650e-04	741.40	741.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
437233.00000	3872261.00000	9.8525690e-05	746.00	746.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
437733.00000	3872261.00000	8.2548550e-05	750.00	750.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
438233.00000	3872261.00000	7.5868050e-05	752.00	752.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
438733.00000	3872261.00000	6.1853020e-05	753.00	753.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
439233.00000	3872261.00000	4.3726900e-05	755.10	755.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
439733.00000	3872261.00000	3.1206810e-05	758.10	758.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
440233.00000	3872261.00000	2.6394980e-05	760.00	760.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
440733.00000	3872261.00000	2.4970120e-05	761.10	761.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
441233.00000	3872261.00000	2.4853330e-05	761.00	761.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
441733.00000	3872261.00000	2.3685410e-05	763.20	763.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
442233.00000	3872261.00000	2.1139340e-05	767.80	767.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
442733.00000	3872261.00000	1.9457540e-05	768.00	768.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
443233.00000	3872261.00000	1.7098340e-05	769.10	769.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
443733.00000	3872261.00000	1.4575630e-05	771.10	771.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
444233.00000	3872261.00000	1.2520100e-05	774.00	774.00	1.20	PERIOD
CARTGRID	00043872	COURSE				

444733.00000	3872261.00000	1.1445610e-05	774.00	774.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
445233.00000	3872261.00000	1.1118590e-05	770.00	770.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
445733.00000	3872261.00000	1.1095230e-05	767.00	767.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
430733.00000	3872761.00000	1.7724340e-04	706.40	706.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
431233.00000	3872761.00000	1.8854890e-04	707.60	707.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
431733.00000	3872761.00000	2.2949620e-04	709.00	709.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
432233.00000	3872761.00000	2.5551740e-04	709.00	709.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
432733.00000	3872761.00000	2.8637380e-04	711.00	711.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
433233.00000	3872761.00000	3.5556140e-04	713.00	713.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
433733.00000	3872761.00000	3.5546800e-04	715.00	715.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
434233.00000	3872761.00000	3.1711350e-04	718.00	718.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
434733.00000	3872761.00000	2.1417310e-04	722.00	722.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
435233.00000	3872761.00000	2.0728230e-04	727.00	727.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
435733.00000	3872761.00000	2.0555380e-04	732.00	732.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
436233.00000	3872761.00000	1.8798830e-04	736.00	736.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
436733.00000	3872761.00000	1.5105870e-04	739.70	739.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
437233.00000	3872761.00000	1.1555400e-04	744.00	744.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
437733.00000	3872761.00000	8.7734120e-05	746.00	746.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
438233.00000	3872761.00000	6.2880780e-05	747.50	747.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
438733.00000	3872761.00000	4.9636580e-05	747.00	747.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
439233.00000	3872761.00000	4.3913770e-05	748.00	748.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
439733.00000	3872761.00000	3.9008510e-05	751.70	751.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
440233.00000	3872761.00000	3.5294520e-05	753.50	753.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
440733.00000	3872761.00000	3.1440390e-05	755.00	755.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
441233.00000	3872761.00000	2.7212520e-05	756.50	756.50	1.20	PERIOD
CARTGRID	00043872	COURSE				



441733.00000	3872761.00000	2.2891220e-05	759.10	759.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
442233.00000	3872761.00000	1.9644410e-05	761.90	761.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
442733.00000	3872761.00000	1.7939240e-05	763.00	763.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
443233.00000	3872761.00000	1.7098340e-05	764.00	764.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
443733.00000	3872761.00000	1.6491020e-05	766.00	766.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
444233.00000	3872761.00000	1.5953780e-05	767.00	767.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
444733.00000	3872761.00000	1.5393180e-05	767.50	767.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
445233.00000	3872761.00000	1.4996090e-05	765.60	765.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
445733.00000	3872761.00000	1.4669070e-05	762.00	762.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
430733.00000	3873261.00000	1.8948330e-04	707.20	707.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
431233.00000	3873261.00000	2.6607540e-04	709.60	709.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
431733.00000	3873261.00000	3.2897950e-04	709.00	709.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
432233.00000	3873261.00000	4.2185250e-04	709.00	709.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
432733.00000	3873261.00000	4.8980210e-04	711.20	711.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
433233.00000	3873261.00000	6.3084000e-04	713.00	713.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
433733.00000	3873261.00000	5.8136690e-04	715.00	715.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
434233.00000	3873261.00000	5.3271140e-04	718.00	718.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
434733.00000	3873261.00000	4.0183440e-04	721.00	721.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
435233.00000	3873261.00000	3.7677080e-04	725.00	725.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
435733.00000	3873261.00000	3.0620510e-04	729.00	729.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
436233.00000	3873261.00000	2.1749000e-04	733.00	733.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
436733.00000	3873261.00000	1.4900320e-04	737.40	737.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
437233.00000	3873261.00000	1.0569670e-04	739.40	739.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
437733.00000	3873261.00000	8.0329500e-05	740.10	740.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
438233.00000	3873261.00000	6.7272160e-05	741.50	741.50	1.20	PERIOD
CARTGRID	00043872	COURSE				

438733.00000	3873261.00000	5.9260230e-05	741.50	741.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
439233.00000	3873261.00000	5.0968000e-05	743.30	743.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
439733.00000	3873261.00000	4.2909360e-05	745.50	745.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
440233.00000	3873261.00000	3.6228860e-05	747.90	747.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
440733.00000	3873261.00000	3.1673980e-05	750.20	750.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
441233.00000	3873261.00000	2.8684100e-05	752.10	752.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
441733.00000	3873261.00000	2.6488410e-05	753.10	753.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
442233.00000	3873261.00000	2.4362800e-05	755.30	755.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
442733.00000	3873261.00000	2.2260540e-05	758.00	758.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
443233.00000	3873261.00000	2.0415230e-05	759.70	759.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
443733.00000	3873261.00000	1.8920300e-05	759.50	759.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
444233.00000	3873261.00000	1.7355280e-05	760.70	760.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
444733.00000	3873261.00000	1.5953780e-05	761.70	761.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
445233.00000	3873261.00000	1.5136240e-05	759.20	759.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
445733.00000	3873261.00000	1.4458840e-05	757.40	757.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
430733.00000	3873761.00000	1.8128450e-04	709.90	709.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
431233.00000	3873761.00000	2.5969860e-04	710.40	710.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
431733.00000	3873761.00000	4.2722490e-04	711.40	711.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
432233.00000	3873761.00000	7.2046610e-04	712.30	712.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
432733.00000	3873761.00000	1.1633180e-03	713.20	713.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
433233.00000	3873761.00000	1.5474930e-03	714.40	714.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
433733.00000	3873761.00000	1.5493850e-03	716.00	716.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
434233.00000	3873761.00000	1.2152900e-03	718.40	718.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
434733.00000	3873761.00000	8.0429940e-04	720.80	720.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
435233.00000	3873761.00000	5.2224690e-04	724.30	724.30	1.20	PERIOD
CARTGRID	00043872	COURSE				

435733.00000	3873761.00000	3.1788430e-04	727.90	727.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
436233.00000	3873761.00000	2.0669840e-04	730.80	730.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
436733.00000	3873761.00000	1.4729800e-04	734.40	734.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
437233.00000	3873761.00000	1.1749270e-04	735.80	735.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
437733.00000	3873761.00000	9.4251100e-05	737.70	737.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
438233.00000	3873761.00000	7.7946940e-05	737.60	737.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
438733.00000	3873761.00000	6.6991860e-05	737.90	737.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
439233.00000	3873761.00000	5.8839780e-05	740.60	740.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
439733.00000	3873761.00000	5.2673170e-05	743.30	743.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
440233.00000	3873761.00000	4.7721190e-05	745.00	745.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
440733.00000	3873761.00000	4.3376530e-05	746.50	746.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
441233.00000	3873761.00000	3.9335530e-05	748.60	748.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
441733.00000	3873761.00000	3.5925200e-05	750.50	750.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
442233.00000	3873761.00000	3.2888610e-05	753.10	753.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
442733.00000	3873761.00000	3.0459340e-05	755.30	755.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
443233.00000	3873761.00000	2.9174630e-05	754.80	754.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
443733.00000	3873761.00000	2.7796480e-05	755.40	755.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
444233.00000	3873761.00000	2.6371620e-05	756.90	756.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
444733.00000	3873761.00000	2.5390570e-05	757.10	757.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
445233.00000	3873761.00000	2.4666460e-05	756.40	756.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
445733.00000	3873761.00000	2.3638690e-05	757.40	757.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
430733.00000	3874261.00000	2.8737830e-04	710.20	710.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
431233.00000	3874261.00000	3.8627770e-04	711.10	711.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
431733.00000	3874261.00000	5.8891170e-04	713.20	713.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
432233.00000	3874261.00000	1.1932170e-03	713.50	713.50	1.20	PERIOD
CARTGRID	00043872	COURSE				

432733.00000	3874261.00000	1.6241060e-02	715.70	715.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
433233.00000	3874261.00000	2.2506790e-02	715.70	715.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
433733.00000	3874261.00000	2.4098200e-02	717.50	717.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
434233.00000	3874261.00000	7.2794780e-03	719.30	719.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
434733.00000	3874261.00000	1.3822560e-03	721.20	721.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
435233.00000	3874261.00000	6.5522620e-04	724.00	724.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
435733.00000	3874261.00000	3.9583130e-04	727.40	727.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
436233.00000	3874261.00000	2.7427420e-04	728.20	728.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
436733.00000	3874261.00000	2.0167630e-04	731.40	731.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
437233.00000	3874261.00000	1.5778590e-04	732.90	732.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
437733.00000	3874261.00000	1.2753680e-04	734.30	734.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
438233.00000	3874261.00000	1.0492590e-04	736.70	736.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
438733.00000	3874261.00000	8.4510660e-05	743.80	743.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
439233.00000	3874261.00000	6.1269060e-05	760.00	762.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
439733.00000	3874261.00000	6.1198980e-05	750.60	750.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
440233.00000	3874261.00000	5.8045600e-05	744.90	744.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
440733.00000	3874261.00000	5.0313970e-05	749.20	755.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
441233.00000	3874261.00000	4.5689010e-05	749.40	749.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
441733.00000	3874261.00000	4.0690310e-05	752.00	752.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
442233.00000	3874261.00000	3.6672670e-05	753.60	753.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
442733.00000	3874261.00000	3.3355780e-05	754.50	754.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
443233.00000	3874261.00000	3.0389260e-05	755.50	755.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
443733.00000	3874261.00000	2.7562900e-05	757.30	757.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
444233.00000	3874261.00000	2.5227060e-05	758.30	758.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
444733.00000	3874261.00000	2.3335030e-05	758.30	758.30	1.20	PERIOD
CARTGRID	00043872	COURSE				

445233.00000	3874261.00000	2.1443000e-05	759.50	759.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
445733.00000	3874261.00000	1.9621050e-05	761.40	761.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
430733.00000	3874761.00000	2.4918730e-04	711.10	711.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
431233.00000	3874761.00000	3.6553540e-04	712.90	712.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
431733.00000	3874761.00000	5.7587770e-04	714.50	714.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
432233.00000	3874761.00000	1.0830580e-03	716.30	716.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
432733.00000	3874761.00000	5.0659450e-03	716.60	716.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
433233.00000	3874761.00000	2.5731740e-02	717.70	717.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
433733.00000	3874761.00000	2.6490280e-02	718.70	718.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
434233.00000	3874761.00000	1.1793370e-02	719.40	719.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
434733.00000	3874761.00000	1.6118220e-03	721.80	721.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
435233.00000	3874761.00000	6.5690800e-04	723.90	723.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
435733.00000	3874761.00000	3.8057820e-04	725.50	725.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
436233.00000	3874761.00000	2.5729270e-04	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
436733.00000	3874761.00000	1.8899270e-04	730.70	730.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
437233.00000	3874761.00000	1.4580310e-04	732.70	732.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
437733.00000	3874761.00000	1.1623130e-04	734.60	734.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
438233.00000	3874761.00000	9.0583830e-05	742.30	742.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
438733.00000	3874761.00000	6.8393360e-05	753.50	753.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
439233.00000	3874761.00000	4.9169410e-05	773.70	789.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
439733.00000	3874761.00000	4.0807110e-05	781.80	806.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
440233.00000	3874761.00000	4.7697830e-05	749.80	806.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
440733.00000	3874761.00000	4.3213020e-05	748.90	748.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
441233.00000	3874761.00000	3.7747160e-05	752.50	752.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
441733.00000	3874761.00000	3.3168910e-05	756.00	756.00	1.20	PERIOD
CARTGRID	00043872	COURSE				

442233.00000	3874761.00000	2.9758590e-05	757.80	757.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
442733.00000	3874761.00000	2.6955580e-05	759.20	759.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
443233.00000	3874761.00000	2.5133630e-05	757.80	757.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
443733.00000	3874761.00000	2.2727710e-05	760.20	760.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
444233.00000	3874761.00000	2.0672170e-05	762.50	762.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
444733.00000	3874761.00000	1.9364100e-05	761.80	761.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
445233.00000	3874761.00000	1.8032680e-05	762.30	762.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
445733.00000	3874761.00000	1.6514380e-05	765.10	765.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
430733.00000	3875261.00000	2.4182940e-04	712.60	712.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
431233.00000	3875261.00000	3.1396010e-04	713.80	713.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
431733.00000	3875261.00000	4.1797500e-04	716.30	716.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
432233.00000	3875261.00000	6.7596840e-04	717.30	717.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
432733.00000	3875261.00000	1.6443610e-03	718.70	718.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
433233.00000	3875261.00000	2.7217660e-03	719.80	719.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
433733.00000	3875261.00000	3.1444360e-03	721.70	721.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
434233.00000	3875261.00000	2.3079260e-03	721.80	721.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
434733.00000	3875261.00000	1.3606490e-03	723.00	723.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
435233.00000	3875261.00000	6.7487060e-04	724.50	724.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
435733.00000	3875261.00000	3.4589110e-04	725.70	725.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
436233.00000	3875261.00000	2.0592760e-04	728.70	728.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
436733.00000	3875261.00000	1.4533590e-04	731.50	731.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
437233.00000	3875261.00000	1.1184000e-04	734.50	734.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
437733.00000	3875261.00000	9.0537110e-05	736.60	736.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
438233.00000	3875261.00000	7.4232960e-05	744.20	744.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
438733.00000	3875261.00000	5.9774120e-05	757.50	757.50	1.20	PERIOD
CARTGRID	00043872	COURSE				

439233.00000	3875261.00000	4.8889110e-05	769.90	769.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
439733.00000	3875261.00000	4.1975020e-05	773.70	777.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
440233.00000	3875261.00000	4.2348760e-05	753.10	753.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
440733.00000	3875261.00000	3.7723800e-05	754.80	754.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
441233.00000	3875261.00000	3.2211220e-05	762.60	762.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
441733.00000	3875261.00000	2.8193580e-05	767.40	767.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
442233.00000	3875261.00000	2.6394980e-05	764.10	764.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
442733.00000	3875261.00000	2.4689820e-05	762.30	762.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
443233.00000	3875261.00000	2.2821150e-05	763.20	763.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
443733.00000	3875261.00000	2.1326210e-05	763.80	763.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
444233.00000	3875261.00000	1.9550970e-05	767.30	767.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
444733.00000	3875261.00000	1.8523200e-05	767.80	767.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
445233.00000	3875261.00000	1.7145060e-05	771.20	771.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
445733.00000	3875261.00000	1.6164010e-05	772.70	772.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
430733.00000	3875761.00000	1.8871240e-04	714.90	714.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
431233.00000	3875761.00000	2.1370590e-04	716.10	716.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
431733.00000	3875761.00000	3.0118310e-04	717.30	717.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
432233.00000	3875761.00000	5.2745580e-04	719.30	719.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
432733.00000	3875761.00000	9.7862310e-04	720.50	720.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
433233.00000	3875761.00000	1.2350750e-03	722.30	722.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
433733.00000	3875761.00000	1.2547890e-03	724.40	724.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
434233.00000	3875761.00000	1.0315770e-03	723.90	723.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
434733.00000	3875761.00000	8.5657550e-04	725.40	725.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
435233.00000	3875761.00000	6.3516130e-04	725.40	725.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
435733.00000	3875761.00000	4.2098830e-04	726.80	726.80	1.20	PERIOD
CARTGRID	00043872	COURSE				

436233.00000	3875761.00000	2.5369550e-04	728.60	728.60	1.20	PERIOD
CARTGRID 00043872 COURSE						
436733.00000	3875761.00000	1.5353470e-04	732.60	732.60	1.20	PERIOD
CARTGRID 00043872 COURSE						
437233.00000	3875761.00000	1.0506600e-04	736.30	736.30	1.20	PERIOD
CARTGRID 00043872 COURSE						
437733.00000	3875761.00000	8.0749950e-05	737.60	737.60	1.20	PERIOD
CARTGRID 00043872 COURSE						
438233.00000	3875761.00000	6.4585950e-05	747.70	747.70	1.20	PERIOD
CARTGRID 00043872 COURSE						
438733.00000	3875761.00000	5.3957880e-05	754.60	754.60	1.20	PERIOD
CARTGRID 00043872 COURSE						
439233.00000	3875761.00000	4.5478780e-05	772.00	790.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
439733.00000	3875761.00000	4.0900540e-05	760.90	760.90	1.20	PERIOD
CARTGRID 00043872 COURSE						
440233.00000	3875761.00000	3.7186560e-05	755.50	755.50	1.20	PERIOD
CARTGRID 00043872 COURSE						
440733.00000	3875761.00000	3.3192270e-05	762.00	762.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
441233.00000	3875761.00000	2.7446110e-05	793.80	796.70	1.20	PERIOD
CARTGRID 00043872 COURSE						
441733.00000	3875761.00000	2.4993480e-05	794.60	810.80	1.20	PERIOD
CARTGRID 00043872 COURSE						
442233.00000	3875761.00000	2.4479590e-05	775.50	812.90	1.20	PERIOD
CARTGRID 00043872 COURSE						
442733.00000	3875761.00000	2.3568610e-05	766.60	766.60	1.20	PERIOD
CARTGRID 00043872 COURSE						
443233.00000	3875761.00000	2.1513080e-05	770.00	770.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
443733.00000	3875761.00000	1.9924710e-05	770.00	770.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
444233.00000	3875761.00000	1.8359690e-05	770.80	770.80	1.20	PERIOD
CARTGRID 00043872 COURSE						
444733.00000	3875761.00000	1.6467660e-05	777.70	777.70	1.20	PERIOD
CARTGRID 00043872 COURSE						
445233.00000	3875761.00000	1.5089520e-05	780.40	780.40	1.20	PERIOD
CARTGRID 00043872 COURSE						
445733.00000	3875761.00000	1.4271980e-05	777.20	777.20	1.20	PERIOD
CARTGRID 00043872 COURSE						
430733.00000	3876261.00000	1.4061750e-04	717.20	717.20	1.20	PERIOD
CARTGRID 00043872 COURSE						
431233.00000	3876261.00000	1.8971680e-04	718.40	718.40	1.20	PERIOD
CARTGRID 00043872 COURSE						
431733.00000	3876261.00000	2.9078860e-04	719.30	719.30	1.20	PERIOD
CARTGRID 00043872 COURSE						
432233.00000	3876261.00000	4.5847850e-04	720.50	720.50	1.20	PERIOD
CARTGRID 00043872 COURSE						
432733.00000	3876261.00000	6.9949030e-04	722.10	722.10	1.20	PERIOD
CARTGRID 00043872 COURSE						



433233.00000	3876261.00000	7.6870130e-04	724.20	724.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
433733.00000	3876261.00000	7.0673140e-04	725.60	725.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
434233.00000	3876261.00000	5.7928810e-04	726.40	726.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
434733.00000	3876261.00000	5.0823190e-04	727.00	727.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
435233.00000	3876261.00000	4.5565210e-04	727.90	727.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
435733.00000	3876261.00000	3.7167870e-04	728.90	728.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
436233.00000	3876261.00000	2.8891990e-04	731.20	731.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
436733.00000	3876261.00000	2.0085880e-04	734.00	734.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
437233.00000	3876261.00000	1.2667250e-04	741.20	741.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
437733.00000	3876261.00000	8.7477170e-05	740.90	740.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
438233.00000	3876261.00000	6.5753860e-05	742.70	742.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
438733.00000	3876261.00000	5.2883390e-05	749.20	749.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
439233.00000	3876261.00000	4.3656830e-05	764.20	801.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
439733.00000	3876261.00000	3.8120890e-05	768.50	801.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
440233.00000	3876261.00000	3.4103250e-05	763.90	763.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
440733.00000	3876261.00000	3.0529420e-05	764.20	764.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
441233.00000	3876261.00000	2.7282600e-05	771.70	771.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
441733.00000	3876261.00000	2.4316080e-05	783.70	783.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
442233.00000	3876261.00000	2.2447410e-05	774.90	812.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
442733.00000	3876261.00000	2.0952480e-05	771.50	771.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
443233.00000	3876261.00000	1.9480900e-05	776.10	776.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
443733.00000	3876261.00000	1.8383050e-05	778.60	778.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
444233.00000	3876261.00000	1.7565510e-05	778.60	778.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
444733.00000	3876261.00000	1.6911470e-05	777.10	777.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
445233.00000	3876261.00000	1.5673480e-05	786.30	786.30	1.20	PERIOD
CARTGRID	00043872	COURSE				

445733.00000	3876261.00000	1.5159600e-05	782.20	782.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
430733.00000	3876761.00000	1.3837510e-04	718.40	718.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
431233.00000	3876761.00000	1.9520610e-04	720.00	720.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
431733.00000	3876761.00000	2.8128170e-04	721.10	721.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
432233.00000	3876761.00000	3.9826050e-04	722.00	722.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
432733.00000	3876761.00000	5.2794630e-04	723.90	723.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
433233.00000	3876761.00000	5.4674980e-04	725.10	725.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
433733.00000	3876761.00000	4.7870680e-04	727.20	727.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
434233.00000	3876761.00000	3.7581310e-04	728.40	728.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
434733.00000	3876761.00000	3.4486330e-04	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
435233.00000	3876761.00000	3.2026690e-04	728.60	728.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
435733.00000	3876761.00000	2.7555890e-04	730.90	730.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
436233.00000	3876761.00000	2.3669060e-04	734.30	734.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
436733.00000	3876761.00000	2.0340490e-04	737.10	737.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
437233.00000	3876761.00000	1.4904990e-04	746.60	746.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
437733.00000	3876761.00000	1.0656100e-04	750.90	750.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
438233.00000	3876761.00000	7.8414110e-05	746.40	746.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
438733.00000	3876761.00000	5.6597380e-05	749.80	749.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
439233.00000	3876761.00000	4.4287500e-05	756.10	756.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
439733.00000	3876761.00000	3.7093120e-05	763.40	763.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
440233.00000	3876761.00000	3.1907560e-05	774.20	774.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
440733.00000	3876761.00000	2.9057840e-05	769.30	769.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
441233.00000	3876761.00000	2.6558490e-05	768.10	768.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
441733.00000	3876761.00000	2.4432870e-05	770.50	770.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
442233.00000	3876761.00000	2.2517490e-05	773.50	773.50	1.20	PERIOD
CARTGRID	00043872	COURSE				

442733.00000	3876761.00000	2.0672170e-05	776.40	776.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
443233.00000	3876761.00000	1.8896940e-05	780.90	780.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
443733.00000	3876761.00000	1.7261850e-05	785.90	785.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
444233.00000	3876761.00000	1.5907060e-05	785.80	785.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
444733.00000	3876761.00000	1.4855940e-05	783.30	783.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
445233.00000	3876761.00000	1.3921600e-05	786.30	786.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
445733.00000	3876761.00000	1.3267570e-05	786.10	786.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
430733.00000	3877261.00000	1.4360740e-04	720.50	720.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
431233.00000	3877261.00000	1.9833610e-04	722.10	722.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
431733.00000	3877261.00000	2.6257160e-04	723.60	723.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
432233.00000	3877261.00000	3.3956090e-04	724.20	724.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
432733.00000	3877261.00000	4.2073130e-04	725.40	725.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
433233.00000	3877261.00000	4.0482420e-04	727.40	727.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
433733.00000	3877261.00000	3.5472050e-04	729.20	729.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
434233.00000	3877261.00000	2.6107670e-04	731.50	731.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
434733.00000	3877261.00000	2.4619740e-04	732.30	732.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
435233.00000	3877261.00000	2.3162180e-04	732.40	732.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
435733.00000	3877261.00000	2.1260810e-04	733.50	733.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
436233.00000	3877261.00000	1.8137790e-04	736.20	736.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
436733.00000	3877261.00000	1.6201380e-04	738.80	738.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
437233.00000	3877261.00000	1.5353470e-04	737.60	737.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
437733.00000	3877261.00000	1.2027240e-04	749.00	749.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
438233.00000	3877261.00000	9.8151960e-05	749.60	749.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
438733.00000	3877261.00000	7.2083990e-05	753.70	753.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
439233.00000	3877261.00000	5.2065850e-05	757.30	757.30	1.20	PERIOD
CARTGRID	00043872	COURSE				

439733.00000	3877261.00000	3.9218740e-05	762.80	762.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
440233.00000	3877261.00000	3.2491520e-05	765.40	765.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
440733.00000	3877261.00000	2.7913270e-05	774.30	774.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
441233.00000	3877261.00000	2.5086910e-05	775.60	775.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
441733.00000	3877261.00000	2.2914580e-05	775.20	775.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
442233.00000	3877261.00000	2.1069270e-05	778.70	778.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
442733.00000	3877261.00000	1.9714480e-05	783.50	783.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
443233.00000	3877261.00000	1.8593280e-05	789.40	789.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
443733.00000	3877261.00000	1.7542150e-05	794.50	794.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
444233.00000	3877261.00000	1.6467660e-05	795.90	795.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
444733.00000	3877261.00000	1.5416540e-05	789.40	789.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
445233.00000	3877261.00000	1.4295330e-05	790.70	790.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
445733.00000	3877261.00000	1.3244210e-05	791.70	791.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
430733.00000	3877761.00000	1.5038130e-04	723.00	723.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
431233.00000	3877761.00000	1.8936650e-04	725.50	725.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
431733.00000	3877761.00000	2.4295060e-04	726.30	726.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
432233.00000	3877761.00000	2.9144260e-04	726.50	726.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
432733.00000	3877761.00000	3.4796990e-04	727.60	727.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
433233.00000	3877761.00000	3.1909900e-04	729.00	729.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
433733.00000	3877761.00000	2.6740680e-04	732.50	732.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
434233.00000	3877761.00000	2.0359170e-04	733.40	733.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
434733.00000	3877761.00000	1.9179570e-04	733.30	733.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
435233.00000	3877761.00000	1.7831790e-04	733.30	733.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
435733.00000	3877761.00000	1.7119360e-04	735.90	735.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
436233.00000	3877761.00000	1.4201900e-04	740.40	740.40	1.20	PERIOD
CARTGRID	00043872	COURSE				

436733.00000	3877761.00000	1.3629620e-04	680.00	795.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
437233.00000	3877761.00000	1.1894090e-04	616.00	797.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
437733.00000	3877761.00000	1.1637150e-04	666.00	780.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
438233.00000	3877761.00000	9.5255510e-05	752.90	752.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
438733.00000	3877761.00000	8.1777720e-05	755.90	755.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
439233.00000	3877761.00000	6.4422440e-05	762.00	762.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
439733.00000	3877761.00000	4.9262850e-05	766.00	766.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
440233.00000	3877761.00000	3.6696030e-05	773.40	773.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
440733.00000	3877761.00000	2.8777530e-05	782.90	782.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
441233.00000	3877761.00000	2.4759890e-05	781.00	781.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
441733.00000	3877761.00000	2.2260540e-05	781.40	781.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
442233.00000	3877761.00000	2.0088220e-05	787.60	787.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
442733.00000	3877761.00000	1.8242900e-05	794.30	794.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
443233.00000	3877761.00000	1.6818040e-05	802.10	802.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
443733.00000	3877761.00000	1.5930420e-05	804.30	804.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
444233.00000	3877761.00000	1.5323100e-05	805.20	805.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
444733.00000	3877761.00000	1.4902650e-05	798.30	798.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
445233.00000	3877761.00000	1.4365410e-05	798.20	798.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
445733.00000	3877761.00000	1.3734730e-05	796.70	796.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
430733.00000	3878261.00000	1.4916670e-04	725.30	725.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
431233.00000	3878261.00000	1.8221880e-04	728.10	728.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
431733.00000	3878261.00000	2.1291170e-04	730.00	730.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
432233.00000	3878261.00000	2.5607800e-04	729.30	729.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
432733.00000	3878261.00000	2.8887320e-04	730.00	730.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
433233.00000	3878261.00000	2.6095990e-04	731.30	731.30	1.20	PERIOD
CARTGRID	00043872	COURSE				

433733.00000	3878261.00000	2.1480370e-04	734.00	734.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
434233.00000	3878261.00000	1.6731610e-04	735.70	735.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
434733.00000	3878261.00000	1.5080180e-04	736.40	736.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
435233.00000	3878261.00000	1.0964430e-04	753.10	753.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
435733.00000	3878261.00000	1.1478310e-04	748.40	764.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
436233.00000	3878261.00000	8.5912160e-05	771.60	771.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
436733.00000	3878261.00000	9.7497920e-05	749.70	749.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
437233.00000	3878261.00000	1.0889680e-04	727.00	788.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
437733.00000	3878261.00000	9.9319880e-05	731.70	774.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
438233.00000	3878261.00000	8.1193760e-05	756.20	756.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
438733.00000	3878261.00000	7.3135120e-05	761.40	761.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
439233.00000	3878261.00000	6.4235570e-05	766.60	789.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
439733.00000	3878261.00000	5.5733120e-05	770.80	770.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
440233.00000	3878261.00000	4.5969310e-05	773.80	773.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
440733.00000	3878261.00000	3.6018640e-05	779.30	779.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
441233.00000	3878261.00000	2.8263650e-05	785.40	785.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
441733.00000	3878261.00000	2.3148160e-05	790.30	790.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
442233.00000	3878261.00000	1.9924710e-05	795.20	795.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
442733.00000	3878261.00000	1.7799090e-05	804.40	804.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
443233.00000	3878261.00000	1.6000500e-05	820.00	820.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
443733.00000	3878261.00000	1.5136240e-05	810.70	810.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
444233.00000	3878261.00000	1.4108470e-05	814.00	814.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
444733.00000	3878261.00000	1.3477790e-05	808.00	808.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
445233.00000	3878261.00000	1.2987260e-05	805.10	805.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
445733.00000	3878261.00000	1.2683600e-05	801.00	801.00	1.20	PERIOD
CARTGRID	00043872	COURSE				

430733.00000	3878761.00000	1.4706440e-04	725.80	750.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
431233.00000	3878761.00000	1.7170750e-04	729.60	729.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
431733.00000	3878761.00000	1.8831530e-04	732.10	732.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
432233.00000	3878761.00000	2.2928590e-04	732.60	732.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
432733.00000	3878761.00000	2.4210970e-04	732.60	732.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
433233.00000	3878761.00000	2.1660230e-04	734.30	753.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
433733.00000	3878761.00000	1.8114430e-04	734.30	734.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
434233.00000	3878761.00000	1.4293000e-04	737.60	737.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
434733.00000	3878761.00000	1.3005950e-04	737.60	737.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
435233.00000	3878761.00000	1.0796250e-04	740.70	765.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
435733.00000	3878761.00000	8.1660930e-05	761.90	761.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
436233.00000	3878761.00000	6.6781630e-05	778.00	795.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
436733.00000	3878761.00000	6.7669250e-05	774.00	795.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
437233.00000	3878761.00000	6.3745040e-05	778.10	780.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
437733.00000	3878761.00000	6.5239980e-05	768.80	777.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
438233.00000	3878761.00000	6.5917370e-05	761.40	761.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
438733.00000	3878761.00000	6.1923090e-05	767.50	767.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
439233.00000	3878761.00000	5.6387150e-05	774.20	774.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
439733.00000	3878761.00000	5.2509660e-05	776.00	776.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
440233.00000	3878761.00000	4.7230660e-05	780.80	780.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
440733.00000	3878761.00000	4.0760390e-05	785.60	785.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
441233.00000	3878761.00000	3.3939740e-05	789.90	789.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
441733.00000	3878761.00000	2.7562900e-05	795.40	795.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
442233.00000	3878761.00000	2.2377340e-05	804.40	935.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
442733.00000	3878761.00000	1.8569920e-05	825.40	935.70	1.20	PERIOD
CARTGRID	00043872	COURSE				

443233.00000	3878761.00000	1.6210720e-05	835.30	935.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
443733.00000	3878761.00000	1.5042800e-05	814.00	935.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
444233.00000	3878761.00000	1.3921600e-05	818.80	818.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
444733.00000	3878761.00000	1.3104060e-05	816.90	816.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
445233.00000	3878761.00000	1.2403300e-05	813.90	813.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
445733.00000	3878761.00000	1.1819340e-05	807.50	807.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
430733.00000	3879261.00000	1.3755760e-04	730.50	730.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
431233.00000	3879261.00000	1.3909920e-04	744.90	798.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
431733.00000	3879261.00000	1.5432890e-04	743.90	762.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
432233.00000	3879261.00000	2.0494650e-04	734.60	734.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
432733.00000	3879261.00000	2.0936120e-04	734.90	734.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
433233.00000	3879261.00000	1.8469480e-04	737.10	737.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
433733.00000	3879261.00000	1.3164790e-04	746.00	753.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
434233.00000	3879261.00000	1.2426660e-04	738.90	738.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
434733.00000	3879261.00000	1.1160640e-04	741.00	741.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
435233.00000	3879261.00000	9.2289000e-05	740.90	740.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
435733.00000	3879261.00000	8.9485980e-05	743.80	767.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
436233.00000	3879261.00000	5.8839780e-05	778.00	778.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
436733.00000	3879261.00000	5.2673170e-05	789.80	789.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
437233.00000	3879261.00000	5.1131510e-05	792.10	792.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
437733.00000	3879261.00000	5.8793070e-05	762.50	783.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
438233.00000	3879261.00000	5.3654220e-05	771.20	779.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
438733.00000	3879261.00000	5.3163690e-05	768.70	768.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
439233.00000	3879261.00000	5.0617630e-05	774.40	774.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
439733.00000	3879261.00000	4.6927010e-05	780.20	780.20	1.20	PERIOD
CARTGRID	00043872	COURSE				



440233.00000	3879261.00000	4.3026150e-05	786.50	786.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
440733.00000	3879261.00000	3.9709260e-05	791.90	791.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
441233.00000	3879261.00000	3.5598180e-05	797.90	797.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
441733.00000	3879261.00000	3.0949860e-05	802.40	802.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
442233.00000	3879261.00000	2.5180340e-05	817.70	939.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
442733.00000	3879261.00000	2.0718890e-05	840.80	939.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
443233.00000	3879261.00000	1.8359690e-05	829.40	939.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
443733.00000	3879261.00000	1.6140650e-05	822.70	939.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
444233.00000	3879261.00000	1.4248620e-05	829.20	829.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
444733.00000	3879261.00000	1.3057340e-05	823.90	823.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
445233.00000	3879261.00000	1.2286510e-05	818.10	818.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
445733.00000	3879261.00000	1.1702550e-05	814.30	814.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
430733.00000	3879761.00000	1.1852050e-04	744.00	744.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
431233.00000	3879761.00000	1.0541640e-04	779.70	798.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
431733.00000	3879761.00000	1.3716050e-04	750.30	798.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
432233.00000	3879761.00000	1.7969610e-04	737.30	737.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
432733.00000	3879761.00000	1.8287280e-04	737.90	737.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
433233.00000	3879761.00000	1.6028530e-04	739.30	739.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
433733.00000	3879761.00000	1.2153370e-04	743.20	743.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
434233.00000	3879761.00000	1.0511280e-04	743.10	743.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
434733.00000	3879761.00000	8.7010000e-05	749.90	779.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
435233.00000	3879761.00000	8.1964590e-05	743.40	743.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
435733.00000	3879761.00000	7.4863640e-05	746.10	746.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
436233.00000	3879761.00000	6.8113060e-05	755.60	772.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
436733.00000	3879761.00000	6.3137730e-05	757.60	789.40	1.20	PERIOD
CARTGRID	00043872	COURSE				

437233.00000	3879761.00000	6.2156670e-05	755.90	783.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
437733.00000	3879761.00000	5.5172520e-05	759.70	759.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
438233.00000	3879761.00000	4.9706650e-05	765.40	765.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
438733.00000	3879761.00000	4.5852520e-05	771.40	771.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
439233.00000	3879761.00000	4.3983840e-05	775.90	775.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
439733.00000	3879761.00000	4.2278690e-05	782.20	782.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
440233.00000	3879761.00000	3.9452320e-05	788.80	788.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
440733.00000	3879761.00000	3.6322290e-05	795.40	795.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
441233.00000	3879761.00000	3.3729510e-05	802.10	802.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
441733.00000	3879761.00000	3.1323600e-05	807.40	807.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
442233.00000	3879761.00000	2.6885510e-05	825.10	939.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
442733.00000	3879761.00000	2.2377340e-05	855.30	939.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
443233.00000	3879761.00000	1.9107160e-05	882.50	939.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
443733.00000	3879761.00000	1.8172830e-05	831.70	939.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
444233.00000	3879761.00000	1.5813630e-05	841.70	841.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
444733.00000	3879761.00000	1.4108470e-05	833.10	833.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
445233.00000	3879761.00000	1.2660250e-05	828.40	828.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
445733.00000	3879761.00000	1.1655840e-05	820.70	820.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
435850.40000	3873157.00000	2.7621300e-04	730.00	730.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435900.40000	3873157.00000	2.6722000e-04	731.00	731.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435950.40000	3873157.00000	2.6187090e-04	731.00	731.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436000.40000	3873157.00000	2.5521380e-04	731.30	731.30	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436050.40000	3873157.00000	2.4692150e-04	732.00	732.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436100.40000	3873157.00000	2.4059140e-04	732.10	732.10	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436150.40000	3873157.00000	2.3124810e-04	733.00	733.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				

436200.40000	3873157.00000	2.2424050e-04	733.20	733.20	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436250.40000	3873157.00000	2.1508400e-04	734.00	734.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436300.40000	3873157.00000	2.0866050e-04	734.00	734.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436350.40000	3873157.00000	1.9906020e-04	735.00	735.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436400.40000	3873157.00000	1.9261330e-04	735.10	735.10	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436450.40000	3873157.00000	1.8392400e-04	736.00	736.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436500.40000	3873157.00000	1.7838800e-04	736.00	736.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436550.40000	3873157.00000	1.7194110e-04	736.40	736.40	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436600.40000	3873157.00000	1.6528400e-04	737.00	737.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436650.40000	3873157.00000	1.6007500e-04	737.20	737.20	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436700.40000	3873157.00000	1.5353470e-04	738.00	738.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436750.40000	3873157.00000	1.4930680e-04	738.00	738.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436800.40000	3873157.00000	1.4519580e-04	738.00	738.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436850.40000	3873157.00000	1.4115470e-04	738.00	738.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435850.40000	3873207.00000	2.8163210e-04	730.00	730.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435900.40000	3873207.00000	2.7411070e-04	730.40	730.40	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435950.40000	3873207.00000	2.6565500e-04	731.00	731.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436000.40000	3873207.00000	2.5911460e-04	731.00	731.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436050.40000	3873207.00000	2.4918730e-04	731.90	731.90	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436100.40000	3873207.00000	2.4185280e-04	732.00	732.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436150.40000	3873207.00000	2.3468170e-04	732.00	732.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436200.40000	3873207.00000	2.2454420e-04	732.90	732.90	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436250.40000	3873207.00000	2.1447670e-04	733.80	733.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436300.40000	3873207.00000	2.0695530e-04	734.00	734.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436350.40000	3873207.00000	1.9906020e-04	734.40	734.40	1.20	PERIOD
CARTGRID	00043872	DESERTL				

436400.40000	3873207.00000	1.9093150e-04	735.00	735.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436450.40000	3873207.00000	1.8495170e-04	735.00	735.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436500.40000	3873207.00000	1.7679960e-04	735.90	735.90	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436550.40000	3873207.00000	1.7126370e-04	736.00	736.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436600.40000	3873207.00000	1.6472340e-04	736.60	736.60	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436650.40000	3873207.00000	1.5900060e-04	737.00	737.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436700.40000	3873207.00000	1.5253030e-04	737.80	737.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436750.40000	3873207.00000	1.4776520e-04	738.00	738.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436800.40000	3873207.00000	1.4358400e-04	738.00	738.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436850.40000	3873207.00000	1.3947290e-04	738.00	738.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435850.40000	3873257.00000	2.8628040e-04	730.00	730.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435900.40000	3873257.00000	2.7910940e-04	730.00	730.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435950.40000	3873257.00000	2.6822440e-04	731.00	731.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436000.40000	3873257.00000	2.6058620e-04	731.00	731.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436050.40000	3873257.00000	2.4932750e-04	732.00	732.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436100.40000	3873257.00000	2.4145570e-04	732.00	732.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436150.40000	3873257.00000	2.3351380e-04	732.00	732.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436200.40000	3873257.00000	2.2353980e-04	732.70	732.70	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436250.40000	3873257.00000	2.1508400e-04	733.00	733.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436300.40000	3873257.00000	2.0487640e-04	734.00	734.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436350.40000	3873257.00000	1.9817260e-04	734.00	734.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436400.40000	3873257.00000	1.9067450e-04	734.40	734.40	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436450.40000	3873257.00000	1.8308310e-04	735.00	735.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436500.40000	3873257.00000	1.7750040e-04	735.00	735.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436550.40000	3873257.00000	1.6967530e-04	736.00	736.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				

436600.40000	3873257.00000	1.6470000e-04	736.00	736.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436650.40000	3873257.00000	1.5822970e-04	736.70	736.70	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436700.40000	3873257.00000	1.5201640e-04	737.40	737.40	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436750.40000	3873257.00000	1.4624690e-04	738.00	738.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436800.40000	3873257.00000	1.4194890e-04	738.00	738.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436850.40000	3873257.00000	1.3772110e-04	738.00	738.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435850.40000	3873307.00000	2.9172290e-04	729.40	729.40	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435900.40000	3873307.00000	2.8130510e-04	730.00	730.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435950.40000	3873307.00000	2.7067700e-04	730.60	730.60	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436000.40000	3873307.00000	2.5993220e-04	731.20	731.20	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436050.40000	3873307.00000	2.4953770e-04	731.70	731.70	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436100.40000	3873307.00000	2.4091840e-04	731.70	731.70	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436150.40000	3873307.00000	2.3248600e-04	731.70	731.70	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436200.40000	3873307.00000	2.2227840e-04	732.40	732.40	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436250.40000	3873307.00000	2.1314530e-04	732.90	732.90	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436300.40000	3873307.00000	2.0454940e-04	733.40	733.40	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436350.40000	3873307.00000	1.9728490e-04	733.60	733.60	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436400.40000	3873307.00000	1.9044090e-04	733.80	733.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436450.40000	3873307.00000	1.8373710e-04	734.10	734.10	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436500.40000	3873307.00000	1.7712670e-04	734.50	734.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436550.40000	3873307.00000	1.7128710e-04	734.70	734.70	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436600.40000	3873307.00000	1.6479340e-04	735.30	735.30	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436650.40000	3873307.00000	1.5829980e-04	736.00	736.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436700.40000	3873307.00000	1.5199310e-04	736.70	736.70	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436750.40000	3873307.00000	1.4589650e-04	737.40	737.40	1.20	PERIOD
CARTGRID	00043872	DESERTL				

436800.40000	3873307.00000	1.4120150e-04	737.50	737.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436850.40000	3873307.00000	1.3657650e-04	737.60	737.60	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435850.40000	3873357.00000	2.9445590e-04	729.10	729.10	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435900.40000	3873357.00000	2.8347740e-04	729.50	729.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435950.40000	3873357.00000	2.7186830e-04	730.10	730.10	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436000.40000	3873357.00000	2.6000220e-04	730.80	730.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436050.40000	3873357.00000	2.4935080e-04	731.20	731.20	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436100.40000	3873357.00000	2.3937680e-04	731.50	731.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436150.40000	3873357.00000	2.3015020e-04	731.70	731.70	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436200.40000	3873357.00000	2.2029300e-04	732.30	732.30	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436250.40000	3873357.00000	2.1160360e-04	732.70	732.70	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436300.40000	3873357.00000	2.0396550e-04	732.90	732.90	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436350.40000	3873357.00000	1.9628060e-04	733.30	733.30	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436400.40000	3873357.00000	1.8929640e-04	733.60	733.60	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436450.40000	3873357.00000	1.8287280e-04	733.80	733.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436500.40000	3873357.00000	1.7649600e-04	734.10	734.10	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436550.40000	3873357.00000	1.7035270e-04	734.40	734.40	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436600.40000	3873357.00000	1.6418610e-04	734.80	734.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436650.40000	3873357.00000	1.5780930e-04	735.40	735.40	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436700.40000	3873357.00000	1.5140910e-04	736.10	736.10	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436750.40000	3873357.00000	1.4500890e-04	736.90	736.90	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436800.40000	3873357.00000	1.3937950e-04	737.40	737.40	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436850.40000	3873357.00000	1.3445090e-04	737.60	737.60	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435850.40000	3873407.00000	2.9543690e-04	728.80	728.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435900.40000	3873407.00000	2.8375770e-04	729.10	729.10	1.20	PERIOD
CARTGRID	00043872	DESERTL				

435950.40000	3873407.00000	2.7172810e-04	729.60	729.60	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436000.40000	3873407.00000	2.5944160e-04	730.30	730.30	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436050.40000	3873407.00000	2.4825300e-04	730.80	730.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436100.40000	3873407.00000	2.3760150e-04	731.30	731.30	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436150.40000	3873407.00000	2.2760410e-04	731.80	731.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436200.40000	3873407.00000	2.1905500e-04	732.00	732.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436250.40000	3873407.00000	2.1052920e-04	732.40	732.40	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436300.40000	3873407.00000	2.0277420e-04	732.70	732.70	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436350.40000	3873407.00000	1.9567320e-04	732.90	732.90	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436400.40000	3873407.00000	1.8868910e-04	733.20	733.20	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436450.40000	3873407.00000	1.8175160e-04	733.60	733.60	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436500.40000	3873407.00000	1.7528130e-04	733.90	733.90	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436550.40000	3873407.00000	1.6920820e-04	734.10	734.10	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436600.40000	3873407.00000	1.6327510e-04	734.30	734.30	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436650.40000	3873407.00000	1.5657130e-04	735.00	735.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436700.40000	3873407.00000	1.5024120e-04	735.60	735.60	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436750.40000	3873407.00000	1.4374750e-04	736.40	736.40	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436800.40000	3873407.00000	1.3802470e-04	736.90	736.90	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436850.40000	3873407.00000	1.3302600e-04	737.10	737.10	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435850.40000	3873457.00000	2.9499310e-04	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435900.40000	3873457.00000	2.8347740e-04	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435950.40000	3873457.00000	2.7105080e-04	729.00	729.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436000.40000	3873457.00000	2.5843720e-04	729.80	729.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436050.40000	3873457.00000	2.4645440e-04	730.60	730.60	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436100.40000	3873457.00000	2.3570950e-04	731.20	731.20	1.20	PERIOD
CARTGRID	00043872	DESERTL				

436150.40000	3873457.00000	2.2620260e-04	731.60	731.60	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436200.40000	3873457.00000	2.1756000e-04	731.90	731.90	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436250.40000	3873457.00000	2.0992180e-04	732.00	732.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436300.40000	3873457.00000	2.0242380e-04	732.20	732.20	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436350.40000	3873457.00000	1.9459870e-04	732.70	732.70	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436400.40000	3873457.00000	1.8773140e-04	732.90	732.90	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436450.40000	3873457.00000	1.8046690e-04	733.40	733.40	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436500.40000	3873457.00000	1.7380980e-04	733.70	733.70	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436550.40000	3873457.00000	1.6717600e-04	734.10	734.10	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436600.40000	3873457.00000	1.6107950e-04	734.30	734.30	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436650.40000	3873457.00000	1.5463250e-04	734.80	734.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436700.40000	3873457.00000	1.4841920e-04	735.30	735.30	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436750.40000	3873457.00000	1.4225260e-04	735.90	735.90	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436800.40000	3873457.00000	1.3655310e-04	736.40	736.40	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436850.40000	3873457.00000	1.3127420e-04	736.80	736.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435850.40000	3873507.00000	2.9291420e-04	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435900.40000	3873507.00000	2.8111820e-04	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435950.40000	3873507.00000	2.6964930e-04	728.60	728.60	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436000.40000	3873507.00000	2.5745620e-04	729.30	729.30	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436050.40000	3873507.00000	2.4547330e-04	730.20	730.20	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436100.40000	3873507.00000	2.3472840e-04	730.90	730.90	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436150.40000	3873507.00000	2.2487120e-04	731.50	731.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436200.40000	3873507.00000	2.1657900e-04	731.70	731.70	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436250.40000	3873507.00000	2.0912770e-04	731.70	731.70	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436300.40000	3873507.00000	2.0195660e-04	731.70	731.70	1.20	PERIOD
CARTGRID	00043872	DESERTL				



436350.40000	3873507.00000	1.9378120e-04	732.30	732.30	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436400.40000	3873507.00000	1.8630650e-04	732.70	732.70	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436450.40000	3873507.00000	1.7885520e-04	733.20	733.20	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436500.40000	3873507.00000	1.7184770e-04	733.60	733.60	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436550.40000	3873507.00000	1.6505040e-04	734.00	734.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436600.40000	3873507.00000	1.5867350e-04	734.30	734.30	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436650.40000	3873507.00000	1.5220330e-04	734.80	734.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436700.40000	3873507.00000	1.4620020e-04	735.20	735.20	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436750.40000	3873507.00000	1.4066420e-04	735.50	735.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436800.40000	3873507.00000	1.3529180e-04	735.90	735.90	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436850.40000	3873507.00000	1.3024640e-04	736.30	736.30	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435850.40000	3873557.00000	2.9067180e-04	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435900.40000	3873557.00000	2.7887580e-04	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435950.40000	3873557.00000	2.6780390e-04	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436000.40000	3873557.00000	2.5605470e-04	729.10	729.10	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436050.40000	3873557.00000	2.4481930e-04	729.80	729.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436100.40000	3873557.00000	2.3423790e-04	730.50	730.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436150.40000	3873557.00000	2.2421720e-04	731.20	731.20	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436200.40000	3873557.00000	2.1627530e-04	731.20	731.20	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436250.40000	3873557.00000	2.0840360e-04	731.30	731.30	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436300.40000	3873557.00000	1.9999450e-04	731.80	731.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436350.40000	3873557.00000	1.9226290e-04	732.10	732.10	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436400.40000	3873557.00000	1.8457800e-04	732.50	732.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436450.40000	3873557.00000	1.7700990e-04	733.00	733.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436500.40000	3873557.00000	1.7007240e-04	733.30	733.30	1.20	PERIOD
CARTGRID	00043872	DESERTL				

436550.40000	3873557.00000	1.6306490e-04	733.80	733.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436600.40000	3873557.00000	1.5638440e-04	734.30	734.30	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436650.40000	3873557.00000	1.5040470e-04	734.60	734.60	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436700.40000	3873557.00000	1.4507900e-04	734.70	734.70	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436750.40000	3873557.00000	1.3949630e-04	735.20	735.20	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436800.40000	3873557.00000	1.3431070e-04	735.70	735.70	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436850.40000	3873557.00000	1.2996610e-04	735.90	735.90	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435850.40000	3873607.00000	2.8875640e-04	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435900.40000	3873607.00000	2.7710060e-04	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435950.40000	3873607.00000	2.6616880e-04	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436000.40000	3873607.00000	2.5505030e-04	728.90	728.90	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436050.40000	3873607.00000	2.4414190e-04	729.50	729.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436100.40000	3873607.00000	2.3358390e-04	730.20	730.20	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436150.40000	3873607.00000	2.2393690e-04	730.70	730.70	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436200.40000	3873607.00000	2.1534100e-04	730.90	730.90	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436250.40000	3873607.00000	2.0662830e-04	731.30	731.30	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436300.40000	3873607.00000	1.9803240e-04	731.80	731.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436350.40000	3873607.00000	1.9016060e-04	732.10	732.10	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436400.40000	3873607.00000	1.8240570e-04	732.50	732.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436450.40000	3873607.00000	1.7537480e-04	732.70	732.70	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436500.40000	3873607.00000	1.6797020e-04	733.30	733.30	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436550.40000	3873607.00000	1.6112620e-04	733.80	733.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436600.40000	3873607.00000	1.5472600e-04	734.30	734.30	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436650.40000	3873607.00000	1.4954040e-04	734.30	734.30	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436700.40000	3873607.00000	1.4426140e-04	734.60	734.60	1.20	PERIOD
CARTGRID	00043872	DESERTL				

436750.40000	3873607.00000	1.3940290e-04	734.90	734.90	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436800.40000	3873607.00000	1.3494140e-04	735.20	735.20	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436850.40000	3873607.00000	1.3069020e-04	735.60	735.60	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435850.40000	3873657.00000	2.8733160e-04	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435900.40000	3873657.00000	2.7581590e-04	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435950.40000	3873657.00000	2.6495420e-04	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436000.40000	3873657.00000	2.5427940e-04	728.70	728.70	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436050.40000	3873657.00000	2.4332430e-04	729.30	729.30	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436100.40000	3873657.00000	2.3309340e-04	729.80	729.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436150.40000	3873657.00000	2.2328290e-04	730.30	730.30	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436200.40000	3873657.00000	2.1405630e-04	730.70	730.70	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436250.40000	3873657.00000	2.0501660e-04	731.20	731.20	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436300.40000	3873657.00000	1.9674770e-04	731.50	731.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436350.40000	3873657.00000	1.8847880e-04	732.00	732.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436400.40000	3873657.00000	1.8119100e-04	732.20	732.20	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436450.40000	3873657.00000	1.7378640e-04	732.70	732.70	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436500.40000	3873657.00000	1.6715260e-04	733.00	733.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436550.40000	3873657.00000	1.6084590e-04	733.40	733.40	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436600.40000	3873657.00000	1.5498290e-04	733.80	733.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436650.40000	3873657.00000	1.4972730e-04	734.10	734.10	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436700.40000	3873657.00000	1.4489210e-04	734.40	734.40	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436750.40000	3873657.00000	1.4057080e-04	734.60	734.60	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436800.40000	3873657.00000	1.3622610e-04	735.10	735.10	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436850.40000	3873657.00000	1.3246540e-04	735.40	735.40	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435850.40000	3873707.00000	2.8646730e-04	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				

435900.40000	3873707.00000	2.7495160e-04	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435950.40000	3873707.00000	2.6406660e-04	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436000.40000	3873707.00000	2.5308820e-04	728.80	728.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436050.40000	3873707.00000	2.4262360e-04	729.10	729.10	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436100.40000	3873707.00000	2.3243930e-04	729.50	729.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436150.40000	3873707.00000	2.2251200e-04	730.00	730.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436200.40000	3873707.00000	2.1302850e-04	730.50	730.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436250.40000	3873707.00000	2.0401220e-04	731.00	731.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436300.40000	3873707.00000	1.9546300e-04	731.50	731.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436350.40000	3873707.00000	1.8740440e-04	732.00	732.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436400.40000	3873707.00000	1.8037350e-04	732.20	732.20	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436450.40000	3873707.00000	1.7331920e-04	732.70	732.70	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436500.40000	3873707.00000	1.6726940e-04	732.90	732.90	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436550.40000	3873707.00000	1.6154660e-04	733.20	733.20	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436600.40000	3873707.00000	1.5612750e-04	733.60	733.60	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436650.40000	3873707.00000	1.5126890e-04	733.90	733.90	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436700.40000	3873707.00000	1.4652720e-04	734.40	734.40	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436750.40000	3873707.00000	1.4255630e-04	734.60	734.60	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436800.40000	3873707.00000	1.3849190e-04	735.10	735.10	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436850.40000	3873707.00000	1.3517500e-04	735.20	735.20	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435850.40000	3873757.00000	2.8621030e-04	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435900.40000	3873757.00000	2.7464790e-04	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435950.40000	3873757.00000	2.6364610e-04	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436000.40000	3873757.00000	2.5297140e-04	728.60	728.60	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436050.40000	3873757.00000	2.4278710e-04	728.70	728.70	1.20	PERIOD
CARTGRID	00043872	DESERTL				

436100.40000	3873757.00000	2.3232250e-04	729.20	729.20	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436150.40000	3873757.00000	2.2220830e-04	729.80	729.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436200.40000	3873757.00000	2.1281830e-04	730.30	730.30	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436250.40000	3873757.00000	2.0361510e-04	731.00	731.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436300.40000	3873757.00000	1.9534620e-04	731.50	731.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436350.40000	3873757.00000	1.8798830e-04	731.80	731.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436400.40000	3873757.00000	1.8100420e-04	732.20	732.20	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436450.40000	3873757.00000	1.7486090e-04	732.40	732.40	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436500.40000	3873757.00000	1.6906800e-04	732.70	732.70	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436550.40000	3873757.00000	1.6388250e-04	732.90	732.90	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436600.40000	3873757.00000	1.5867350e-04	733.40	733.40	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436650.40000	3873757.00000	1.5425880e-04	733.60	733.60	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436700.40000	3873757.00000	1.4963390e-04	734.20	734.20	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436750.40000	3873757.00000	1.4556950e-04	734.60	734.60	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436800.40000	3873757.00000	1.4208910e-04	734.70	734.70	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436850.40000	3873757.00000	1.3870210e-04	734.90	734.90	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435850.40000	3873807.00000	2.8691110e-04	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435900.40000	3873807.00000	2.7525530e-04	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435950.40000	3873807.00000	2.6416000e-04	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436000.40000	3873807.00000	2.5360200e-04	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436050.40000	3873807.00000	2.4355790e-04	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436100.40000	3873807.00000	2.3337370e-04	728.90	728.90	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436150.40000	3873807.00000	2.2321280e-04	729.60	729.60	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436200.40000	3873807.00000	2.1389280e-04	730.20	730.20	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436250.40000	3873807.00000	2.0520340e-04	730.80	730.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				

436300.40000	3873807.00000	1.9693460e-04	731.50	731.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436350.40000	3873807.00000	1.9016060e-04	731.70	731.70	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436400.40000	3873807.00000	1.8359690e-04	732.10	732.10	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436450.40000	3873807.00000	1.7787410e-04	732.30	732.30	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436500.40000	3873807.00000	1.7240830e-04	732.60	732.60	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436550.40000	3873807.00000	1.6750300e-04	732.80	732.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436600.40000	3873807.00000	1.6294810e-04	733.00	733.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436650.40000	3873807.00000	1.5839320e-04	733.40	733.40	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436700.40000	3873807.00000	1.5397850e-04	733.90	733.90	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436750.40000	3873807.00000	1.5017110e-04	734.10	734.10	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436800.40000	3873807.00000	1.4641040e-04	734.40	734.40	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436850.40000	3873807.00000	1.4307010e-04	734.50	734.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435850.40000	3873857.00000	2.8910680e-04	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435900.40000	3873857.00000	2.7733420e-04	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435950.40000	3873857.00000	2.6616880e-04	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436000.40000	3873857.00000	2.5563420e-04	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436050.40000	3873857.00000	2.4573020e-04	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436100.40000	3873857.00000	2.3627010e-04	728.60	728.60	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436150.40000	3873857.00000	2.2624940e-04	729.40	729.40	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436200.40000	3873857.00000	2.1709290e-04	730.10	730.10	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436250.40000	3873857.00000	2.0880060e-04	730.70	730.70	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436300.40000	3873857.00000	2.0130260e-04	731.20	731.20	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436350.40000	3873857.00000	1.9436520e-04	731.70	731.70	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436400.40000	3873857.00000	1.8845550e-04	731.90	731.90	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436450.40000	3873857.00000	1.8296630e-04	732.10	732.10	1.20	PERIOD
CARTGRID	00043872	DESERTL				

436500.40000	3873857.00000	1.7815440e-04	732.10	732.10	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436550.40000	3873857.00000	1.7306230e-04	732.50	732.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436600.40000	3873857.00000	1.6853080e-04	732.70	732.70	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436650.40000	3873857.00000	1.6383570e-04	733.20	733.20	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436700.40000	3873857.00000	1.5963120e-04	733.50	733.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436750.40000	3873857.00000	1.5547340e-04	733.90	733.90	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436800.40000	3873857.00000	1.5185290e-04	734.00	734.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436850.40000	3873857.00000	1.4823230e-04	734.20	734.20	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435850.40000	3873907.00000	2.9004110e-04	729.80	729.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435900.40000	3873907.00000	2.8149190e-04	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435950.40000	3873907.00000	2.7037340e-04	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436000.40000	3873907.00000	2.5997890e-04	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436050.40000	3873907.00000	2.5033190e-04	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436100.40000	3873907.00000	2.4063810e-04	728.90	728.90	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436150.40000	3873907.00000	2.3150500e-04	729.40	729.40	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436200.40000	3873907.00000	2.2274560e-04	730.10	730.10	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436250.40000	3873907.00000	2.1478040e-04	730.70	730.70	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436300.40000	3873907.00000	2.0758600e-04	731.20	731.20	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436350.40000	3873907.00000	2.0090550e-04	731.70	731.70	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436400.40000	3873907.00000	1.9529950e-04	731.80	731.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436450.40000	3873907.00000	1.9018400e-04	731.80	731.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436500.40000	3873907.00000	1.8520870e-04	731.90	731.90	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436550.40000	3873907.00000	1.8046690e-04	732.00	732.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436600.40000	3873907.00000	1.7542150e-04	732.50	732.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436650.40000	3873907.00000	1.7086660e-04	732.80	732.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				

436700.40000	3873907.00000	1.6633510e-04	733.20	733.20	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436750.40000	3873907.00000	1.6224740e-04	733.40	733.40	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436800.40000	3873907.00000	1.5815960e-04	733.70	733.70	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436850.40000	3873907.00000	1.5444570e-04	733.80	733.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435850.40000	3873957.00000	2.9422230e-04	730.70	734.30	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435900.40000	3873957.00000	2.8824250e-04	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435950.40000	3873957.00000	2.7724070e-04	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436000.40000	3873957.00000	2.6705650e-04	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436050.40000	3873957.00000	2.5764300e-04	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436100.40000	3873957.00000	2.4843980e-04	728.80	728.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436150.40000	3873957.00000	2.3942350e-04	729.40	729.40	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436200.40000	3873957.00000	2.3073420e-04	730.20	730.20	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436250.40000	3873957.00000	2.2295580e-04	730.80	730.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436300.40000	3873957.00000	2.1601840e-04	731.20	731.20	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436350.40000	3873957.00000	2.0964150e-04	731.50	731.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436400.40000	3873957.00000	2.0408220e-04	731.50	731.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436450.40000	3873957.00000	1.9849960e-04	731.70	731.70	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436500.40000	3873957.00000	1.9345420e-04	731.70	731.70	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436550.40000	3873957.00000	1.8861900e-04	731.70	731.70	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436600.40000	3873957.00000	1.8359690e-04	732.00	732.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436650.40000	3873957.00000	1.7850480e-04	732.50	732.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436700.40000	3873957.00000	1.7383310e-04	732.80	732.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436750.40000	3873957.00000	1.6946510e-04	733.00	733.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436800.40000	3873957.00000	1.6509710e-04	733.30	733.30	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436850.40000	3873957.00000	1.6089260e-04	733.60	733.60	1.20	PERIOD
CARTGRID	00043872	DESERTL				



435850.40000	3874007.00000	3.0905490e-04	728.50	734.30	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435900.40000	3874007.00000	2.9737560e-04	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435950.40000	3874007.00000	2.8590670e-04	728.80	728.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436000.40000	3874007.00000	2.7588590e-04	728.80	728.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436050.40000	3874007.00000	2.6661270e-04	728.80	728.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436100.40000	3874007.00000	2.5752630e-04	729.10	729.10	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436150.40000	3874007.00000	2.4907050e-04	729.40	729.40	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436200.40000	3874007.00000	2.4056810e-04	730.10	730.10	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436250.40000	3874007.00000	2.3222910e-04	731.00	731.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436300.40000	3874007.00000	2.2494130e-04	731.50	731.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436350.40000	3874007.00000	2.1879800e-04	731.50	731.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436400.40000	3874007.00000	2.1291170e-04	731.50	731.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436450.40000	3874007.00000	2.0728230e-04	731.50	731.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436500.40000	3874007.00000	2.0186320e-04	731.50	731.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436550.40000	3874007.00000	1.9651410e-04	731.60	731.60	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436600.40000	3874007.00000	1.9125850e-04	731.80	731.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436650.40000	3874007.00000	1.8583930e-04	732.30	732.30	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436700.40000	3874007.00000	1.8095740e-04	732.50	732.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436750.40000	3874007.00000	1.7626240e-04	732.70	732.70	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436800.40000	3874007.00000	1.7159070e-04	733.00	733.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436850.40000	3874007.00000	1.6710590e-04	733.30	733.30	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435850.40000	3874057.00000	3.1965960e-04	728.40	735.20	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435900.40000	3874057.00000	3.0760660e-04	728.60	728.60	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435950.40000	3874057.00000	2.9581070e-04	729.10	729.10	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436000.40000	3874057.00000	2.8576650e-04	729.10	729.10	1.20	PERIOD
CARTGRID	00043872	DESERTL				

436050.40000	3874057.00000	2.7639980e-04	729.10	729.10	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436100.40000	3874057.00000	2.6792070e-04	728.90	728.90	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436150.40000	3874057.00000	2.5951170e-04	729.00	729.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436200.40000	3874057.00000	2.5044860e-04	729.90	729.90	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436250.40000	3874057.00000	2.4117540e-04	731.20	731.20	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436300.40000	3874057.00000	2.3381750e-04	731.50	731.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436350.40000	3874057.00000	2.2753410e-04	731.30	731.30	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436400.40000	3874057.00000	2.2120400e-04	731.30	731.30	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436450.40000	3874057.00000	2.1513080e-04	731.30	731.30	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436500.40000	3874057.00000	2.0905760e-04	731.50	731.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436550.40000	3874057.00000	2.0307780e-04	731.80	731.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436600.40000	3874057.00000	1.9768200e-04	731.80	731.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436650.40000	3874057.00000	1.9240310e-04	731.90	731.90	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436700.40000	3874057.00000	1.8707730e-04	732.20	732.20	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436750.40000	3874057.00000	1.8196180e-04	732.50	732.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436800.40000	3874057.00000	1.7717340e-04	732.70	732.70	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436850.40000	3874057.00000	1.7257180e-04	732.90	732.90	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435850.40000	3874107.00000	3.2377070e-04	731.10	735.20	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435900.40000	3874107.00000	3.1449730e-04	730.30	730.30	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435950.40000	3874107.00000	3.0571460e-04	729.30	729.30	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436000.40000	3874107.00000	2.9578730e-04	729.10	729.10	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436050.40000	3874107.00000	2.8656070e-04	728.80	728.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436100.40000	3874107.00000	2.7766120e-04	728.60	728.60	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436150.40000	3874107.00000	2.6906530e-04	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436200.40000	3874107.00000	2.6051610e-04	728.70	728.70	1.20	PERIOD
CARTGRID	00043872	DESERTL				

436250.40000	3874107.00000	2.5145300e-04	729.60	729.60	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436300.40000	3874107.00000	2.4332430e-04	730.10	730.10	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436350.40000	3874107.00000	2.3657380e-04	729.80	729.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436400.40000	3874107.00000	2.2909910e-04	730.30	730.30	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436450.40000	3874107.00000	2.2195140e-04	730.80	730.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436500.40000	3874107.00000	2.1494390e-04	731.40	731.40	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436550.40000	3874107.00000	2.0889410e-04	731.50	731.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436600.40000	3874107.00000	2.0333480e-04	731.40	731.40	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436650.40000	3874107.00000	1.9775210e-04	731.50	731.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436700.40000	3874107.00000	1.9219280e-04	731.80	731.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436750.40000	3874107.00000	1.8689050e-04	732.10	732.10	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436800.40000	3874107.00000	1.8191510e-04	732.30	732.30	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436850.40000	3874107.00000	1.7705660e-04	732.60	732.60	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435850.40000	3874157.00000	3.3203950e-04	731.80	731.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435900.40000	3874157.00000	3.2542910e-04	729.80	729.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435950.40000	3874157.00000	3.1592220e-04	728.90	728.90	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436000.40000	3874157.00000	3.0583140e-04	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436050.40000	3874157.00000	2.9560040e-04	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436100.40000	3874157.00000	2.8588330e-04	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436150.40000	3874157.00000	2.7665680e-04	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436200.40000	3874157.00000	2.6787400e-04	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436250.40000	3874157.00000	2.5939490e-04	728.60	728.60	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436300.40000	3874157.00000	2.5154650e-04	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436350.40000	3874157.00000	2.4393160e-04	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436400.40000	3874157.00000	2.3622340e-04	728.90	728.90	1.20	PERIOD
CARTGRID	00043872	DESERTL				

436450.40000	3874157.00000	2.2804800e-04	730.00	730.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436500.40000	3874157.00000	2.2022290e-04	731.00	731.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436550.40000	3874157.00000	2.1391610e-04	731.10	731.10	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436600.40000	3874157.00000	2.0828680e-04	730.90	730.90	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436650.40000	3874157.00000	2.0205010e-04	731.40	731.40	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436700.40000	3874157.00000	1.9646740e-04	731.60	731.60	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436750.40000	3874157.00000	1.9079130e-04	732.10	732.10	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436800.40000	3874157.00000	1.8609630e-04	732.00	732.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436850.40000	3874157.00000	1.8137790e-04	732.10	732.10	1.20	PERIOD
CARTGRID	00043872	DESERTL				
439914.00000	3872794.00000	3.8074180e-05	752.00	752.00	1.20	PERIOD
SENSITIV	00043872					
436263.00000	3873356.00000	2.0933790e-04	732.87	732.87	1.20	PERIOD
SENSITIV	00043872					
435903.00000	3873538.00000	2.7917950e-04	728.47	728.47	1.20	PERIOD
SENSITIV	00043872					
435899.00000	3873948.00000	2.8723810e-04	728.47	728.47	1.20	PERIOD
SENSITIV	00043872					
433343.00000	3874839.00000	2.0909400e-02	718.35	718.35	1.20	PERIOD
PROPERTY	00043872					
433243.10000	3874835.00000	2.0638190e-02	718.13	718.13	1.20	PERIOD
PROPERTY	00043872					
433143.20000	3874831.00000	2.0129000e-02	717.93	717.93	1.20	PERIOD
PROPERTY	00043872					
433043.30000	3874827.00000	1.9269110e-02	717.55	717.55	1.20	PERIOD
PROPERTY	00043872					
432943.30000	3874823.00000	1.7773420e-02	717.30	717.30	1.20	PERIOD
PROPERTY	00043872					
432843.40000	3874819.00000	1.3733310e-02	716.93	716.93	1.20	PERIOD
PROPERTY	00043872					
432809.00000	3874817.00000	9.6707940e-03	716.90	716.90	1.20	PERIOD
PROPERTY	00043872					
432808.50000	3874717.00000	1.2248950e-02	716.72	716.72	1.20	PERIOD
PROPERTY	00043872					
432807.90000	3874617.00000	1.2992870e-02	716.51	716.51	1.20	PERIOD
PROPERTY	00043872					
432807.40000	3874517.00000	1.4434130e-02	716.28	716.28	1.20	PERIOD
PROPERTY	00043872					
432807.00000	3874449.00000	1.9150420e-02	716.08	716.08	1.20	PERIOD
PROPERTY	00043872					
432707.00000	3874448.00000	1.3257520e-02	716.28	716.28	1.20	PERIOD
PROPERTY	00043872					

432675.00000	3874448.00000	9.2716220e-03	716.28	716.28	1.20	PERIOD
PROPERTY	00043872					
432675.30000	3874348.00000	1.0549580e-02	715.80	715.80	1.20	PERIOD
PROPERTY	00043872					
432675.70000	3874248.00000	9.6009760e-03	715.67	715.67	1.20	PERIOD
PROPERTY	00043872					
432676.00000	3874164.00000	6.0510370e-03	716.15	716.15	1.20	PERIOD
PROPERTY	00043872					
432754.00000	3874129.00000	6.6072480e-03	715.78	715.78	1.20	PERIOD
PROPERTY	00043872					
432853.50000	3874119.00000	7.7504300e-03	714.97	714.97	1.20	PERIOD
PROPERTY	00043872					
432953.00000	3874109.00000	8.1522420e-03	714.76	714.76	1.20	PERIOD
PROPERTY	00043872					
432999.00000	3874104.00000	8.1018810e-03	714.84	714.84	1.20	PERIOD
PROPERTY	00043872					
433099.00000	3874105.00000	8.8308030e-03	715.15	715.15	1.20	PERIOD
PROPERTY	00043872					
433199.00000	3874105.00000	9.1551100e-03	715.80	715.80	1.20	PERIOD
PROPERTY	00043872					
433299.00000	3874106.00000	9.5036410e-03	716.28	716.28	1.20	PERIOD
PROPERTY	00043872					
433399.00000	3874106.00000	9.5153900e-03	716.28	716.28	1.20	PERIOD
PROPERTY	00043872					
433499.00000	3874107.00000	9.6785480e-03	716.47	716.47	1.20	PERIOD
PROPERTY	00043872					
433599.00000	3874107.00000	9.7293990e-03	716.88	716.88	1.20	PERIOD
PROPERTY	00043872					
433699.00000	3874108.00000	9.8390210e-03	717.07	717.07	1.20	PERIOD
PROPERTY	00043872					
433799.00000	3874108.00000	9.6231890e-03	717.44	717.44	1.20	PERIOD
PROPERTY	00043872					
433899.00000	3874109.00000	9.4555690e-03	717.63	717.63	1.20	PERIOD
PROPERTY	00043872					
433999.00000	3874109.00000	8.9322010e-03	717.99	717.99	1.20	PERIOD
PROPERTY	00043872					
434099.00000	3874110.00000	8.1806920e-03	718.41	718.41	1.20	PERIOD
PROPERTY	00043872					
434169.00000	3874110.00000	6.0967500e-03	718.72	718.72	1.20	PERIOD
PROPERTY	00043872					
434176.00000	3874210.00000	1.3524320e-02	719.02	719.02	1.20	PERIOD
PROPERTY	00043872					
434183.00000	3874310.00000	1.5573740e-02	719.33	719.33	1.20	PERIOD
PROPERTY	00043872					
434190.00000	3874409.00000	1.6662310e-02	719.58	719.58	1.20	PERIOD
PROPERTY	00043872					
434197.00000	3874509.00000	1.7145520e-02	719.63	719.63	1.20	PERIOD
PROPERTY	00043872					
434204.00000	3874609.00000	1.7630840e-02	719.94	719.94	1.20	PERIOD
PROPERTY	00043872					

434211.00000	3874709.00000	1.6896710e-02	719.69	719.69	1.20	PERIOD
PROPERTY	00043872					
434217.90000	3874808.00000	1.3561530e-02	719.33	719.33	1.20	PERIOD
PROPERTY	00043872					
434218.00000	3874809.00000	1.3404820e-02	719.33	719.33	1.20	PERIOD
PROPERTY	00043872					
434118.10000	3874813.00000	1.9600050e-02	719.33	719.33	1.20	PERIOD
PROPERTY	00043872					
434018.10000	3874816.00000	2.0978380e-02	719.33	719.33	1.20	PERIOD
PROPERTY	00043872					
433918.20000	3874819.00000	2.1664270e-02	719.33	719.33	1.20	PERIOD
PROPERTY	00043872					
433818.20000	3874823.00000	2.1526550e-02	719.04	719.04	1.20	PERIOD
PROPERTY	00043872					
433718.30000	3874826.00000	2.1742170e-02	719.01	719.01	1.20	PERIOD
PROPERTY	00043872					
433618.30000	3874830.00000	2.1570050e-02	718.81	718.81	1.20	PERIOD
PROPERTY	00043872					
433518.40000	3874833.00000	2.1603400e-02	718.63	718.63	1.20	PERIOD
PROPERTY	00043872					
433418.50000	3874837.00000	2.1259590e-02	718.33	718.33	1.20	PERIOD
PROPERTY	00043872					

## *GLC Period Files*

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Project Sites Combined

\* AERMOD ( 19191): HARP GENERATED FILE  
 09/10/20  
 \* AERMET ( 14134):  
 15:24:02  
 \* MODELING OPTIONS USED: RegDEFAULT CONC ELEV FLGPOL RURAL  
 \* PLOT FILE OF PERIOD VALUES FOR SOURCE GROUP: ALL  
 \* FOR A TOTAL OF 2755 RECEPTORS.  
 \* FORMAT: (3(1X,F13.5),3(1X,F8.2),2X,A6,2X,A8,2X,I8.8,2X,A8)

* X	Y	AVERAGE CONC	ZELEV	ZHILL	ZFLAG	AVE	GRP
NUM HRS	NET ID						
430733.00000	3864761.00000	2.1615510e-04	724.10	724.10	1.20	PERIOD	
CARTGRID 00043872	COURSE						
431233.00000	3864761.00000	2.2970800e-04	725.10	725.10	1.20	PERIOD	
CARTGRID 00043872	COURSE						
431733.00000	3864761.00000	2.4536120e-04	732.00	732.00	1.20	PERIOD	
CARTGRID 00043872	COURSE						
432233.00000	3864761.00000	2.5454610e-04	744.10	744.10	1.20	PERIOD	
CARTGRID 00043872	COURSE						
432733.00000	3864761.00000	2.5186340e-04	754.30	754.30	1.20	PERIOD	
CARTGRID 00043872	COURSE						
433233.00000	3864761.00000	2.3848960e-04	767.80	767.80	1.20	PERIOD	
CARTGRID 00043872	COURSE						
433733.00000	3864761.00000	1.9225830e-04	789.90	789.90	1.20	PERIOD	
CARTGRID 00043872	COURSE						
434233.00000	3864761.00000	1.3923320e-04	818.20	922.00	1.20	PERIOD	
CARTGRID 00043872	COURSE						
434733.00000	3864761.00000	1.0954410e-04	856.60	922.00	1.20	PERIOD	
CARTGRID 00043872	COURSE						
435233.00000	3864761.00000	9.6148980e-05	901.00	909.00	1.20	PERIOD	
CARTGRID 00043872	COURSE						
435733.00000	3864761.00000	9.5774480e-05	903.00	903.00	1.20	PERIOD	
CARTGRID 00043872	COURSE						
436233.00000	3864761.00000	9.8021400e-05	898.00	898.00	1.20	PERIOD	
CARTGRID 00043872	COURSE						
436733.00000	3864761.00000	9.5181200e-05	910.30	910.30	1.20	PERIOD	
CARTGRID 00043872	COURSE						
437233.00000	3864761.00000	9.5656030e-05	893.80	893.80	1.20	PERIOD	
CARTGRID 00043872	COURSE						
437733.00000	3864761.00000	9.3015080e-05	893.80	893.80	1.20	PERIOD	
CARTGRID 00043872	COURSE						
438233.00000	3864761.00000	8.9489740e-05	902.00	902.00	1.20	PERIOD	
CARTGRID 00043872	COURSE						
438733.00000	3864761.00000	8.2678070e-05	917.70	917.70	1.20	PERIOD	
CARTGRID 00043872	COURSE						
439233.00000	3864761.00000	7.6040690e-05	925.70	925.70	1.20	PERIOD	
CARTGRID 00043872	COURSE						



439733.00000	3864761.00000	7.1326780e-05	939.40	939.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
440233.00000	3864761.00000	6.8370780e-05	942.10	942.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
440733.00000	3864761.00000	6.9766520e-05	909.90	932.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
441233.00000	3864761.00000	6.8655050e-05	891.60	891.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
441733.00000	3864761.00000	6.9659690e-05	876.00	876.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
442233.00000	3864761.00000	7.2796600e-05	865.20	865.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
442733.00000	3864761.00000	7.3694850e-05	859.10	859.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
443233.00000	3864761.00000	7.3275700e-05	853.90	853.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
443733.00000	3864761.00000	7.0160070e-05	852.10	852.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
444233.00000	3864761.00000	6.7663860e-05	852.00	852.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
444733.00000	3864761.00000	6.1830200e-05	859.20	859.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
445233.00000	3864761.00000	5.6055490e-05	874.90	874.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
445733.00000	3864761.00000	5.2248230e-05	893.00	893.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
430733.00000	3865261.00000	2.3041690e-04	741.80	774.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
431233.00000	3865261.00000	2.4284470e-04	731.00	731.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
431733.00000	3865261.00000	2.5757930e-04	727.80	727.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
432233.00000	3865261.00000	2.6977060e-04	736.90	736.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
432733.00000	3865261.00000	2.7647760e-04	744.60	744.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
433233.00000	3865261.00000	2.7073730e-04	761.30	761.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
433733.00000	3865261.00000	2.3274160e-04	781.90	933.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
434233.00000	3865261.00000	1.6467760e-04	808.20	961.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
434733.00000	3865261.00000	1.1058520e-04	875.20	933.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
435233.00000	3865261.00000	1.0154550e-04	916.70	916.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
435733.00000	3865261.00000	9.7101890e-05	931.40	941.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
436233.00000	3865261.00000	9.9571880e-05	917.90	917.90	1.20	PERIOD
CARTGRID	00043872	COURSE				

436733.00000	3865261.00000	1.0039910e-04	910.80	946.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
437233.00000	3865261.00000	9.9751840e-05	904.50	904.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
437733.00000	3865261.00000	9.7006610e-05	907.50	907.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
438233.00000	3865261.00000	9.4078180e-05	909.80	909.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
438733.00000	3865261.00000	8.7953740e-05	918.10	918.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
439233.00000	3865261.00000	8.0289860e-05	930.40	930.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
439733.00000	3865261.00000	7.5501290e-05	938.70	938.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
440233.00000	3865261.00000	7.5369270e-05	926.30	926.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
440733.00000	3865261.00000	7.6369070e-05	897.20	915.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
441233.00000	3865261.00000	7.6553860e-05	879.00	879.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
441733.00000	3865261.00000	7.8156080e-05	865.90	865.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
442233.00000	3865261.00000	8.2925880e-05	855.60	855.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
442733.00000	3865261.00000	8.3065340e-05	851.50	851.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
443233.00000	3865261.00000	8.0443040e-05	848.00	848.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
443733.00000	3865261.00000	7.6235710e-05	846.90	846.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
444233.00000	3865261.00000	7.4103460e-05	846.70	846.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
444733.00000	3865261.00000	6.7240220e-05	855.10	855.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
445233.00000	3865261.00000	6.3713090e-05	865.90	865.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
445733.00000	3865261.00000	5.8551040e-05	879.40	910.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
430733.00000	3865761.00000	2.3103120e-04	762.60	766.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
431233.00000	3865761.00000	2.5880040e-04	743.50	743.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
431733.00000	3865761.00000	2.7630810e-04	734.00	734.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
432233.00000	3865761.00000	2.8800920e-04	730.30	730.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
432733.00000	3865761.00000	2.9774430e-04	737.00	737.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
433233.00000	3865761.00000	3.0453680e-04	751.40	751.40	1.20	PERIOD
CARTGRID	00043872	COURSE				

433733.00000	3865761.00000	2.9002140e-04	769.30	941.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
434233.00000	3865761.00000	2.1904510e-04	794.00	961.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
434733.00000	3865761.00000	1.4277350e-04	832.00	961.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
435233.00000	3865761.00000	1.1290190e-04	901.90	961.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
435733.00000	3865761.00000	1.0275610e-04	951.10	961.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
436233.00000	3865761.00000	1.0210800e-04	939.10	971.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
436733.00000	3865761.00000	1.0327210e-04	930.10	957.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
437233.00000	3865761.00000	1.0371170e-04	919.30	926.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
437733.00000	3865761.00000	1.0020900e-04	930.90	964.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
438233.00000	3865761.00000	9.8536100e-05	922.70	964.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
438733.00000	3865761.00000	9.2362380e-05	924.30	945.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
439233.00000	3865761.00000	8.9500640e-05	904.40	904.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
439733.00000	3865761.00000	8.4349700e-05	912.00	930.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
440233.00000	3865761.00000	8.4602960e-05	895.70	928.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
440733.00000	3865761.00000	8.6071340e-05	877.90	916.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
441233.00000	3865761.00000	8.8890720e-05	863.20	863.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
441733.00000	3865761.00000	9.0174960e-05	853.70	853.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
442233.00000	3865761.00000	9.5800990e-05	846.00	846.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
442733.00000	3865761.00000	9.7800260e-05	840.90	840.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
443233.00000	3865761.00000	8.8247550e-05	842.00	842.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
443733.00000	3865761.00000	8.5677430e-05	841.00	841.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
444233.00000	3865761.00000	8.1488410e-05	843.00	843.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
444733.00000	3865761.00000	7.4474300e-05	852.80	852.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
445233.00000	3865761.00000	6.9558940e-05	864.80	864.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
445733.00000	3865761.00000	6.0153020e-05	885.80	885.80	1.20	PERIOD
CARTGRID	00043872	COURSE				

430733.00000	3866261.00000	2.4464830e-04	765.50	765.50	1.20	PERIOD
CARTGRID 00043872 COURSE						
431233.00000	3866261.00000	2.7253930e-04	749.40	749.40	1.20	PERIOD
CARTGRID 00043872 COURSE						
431733.00000	3866261.00000	2.9667780e-04	737.20	737.20	1.20	PERIOD
CARTGRID 00043872 COURSE						
432233.00000	3866261.00000	3.1269230e-04	729.00	729.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
432733.00000	3866261.00000	3.2463540e-04	732.00	732.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
433233.00000	3866261.00000	3.3898980e-04	741.90	741.90	1.20	PERIOD
CARTGRID 00043872 COURSE						
433733.00000	3866261.00000	3.4068020e-04	758.60	961.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
434233.00000	3866261.00000	3.1210610e-04	774.50	961.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
434733.00000	3866261.00000	2.1250630e-04	801.90	971.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
435233.00000	3866261.00000	1.6051700e-04	827.60	971.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
435733.00000	3866261.00000	1.3064810e-04	866.90	971.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
436233.00000	3866261.00000	1.0841990e-04	960.40	960.40	1.20	PERIOD
CARTGRID 00043872 COURSE						
436733.00000	3866261.00000	1.0859280e-04	938.00	972.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
437233.00000	3866261.00000	1.0828520e-04	933.50	1001.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
437733.00000	3866261.00000	1.0831560e-04	931.30	996.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
438233.00000	3866261.00000	1.1028900e-04	901.80	1034.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
438733.00000	3866261.00000	1.0689280e-04	887.20	1034.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
439233.00000	3866261.00000	1.0248570e-04	879.00	879.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
439733.00000	3866261.00000	9.7508760e-05	880.30	928.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
440233.00000	3866261.00000	9.7827410e-05	868.20	927.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
440733.00000	3866261.00000	1.0368750e-04	855.50	855.50	1.20	PERIOD
CARTGRID 00043872 COURSE						
441233.00000	3866261.00000	1.0788050e-04	846.10	846.10	1.20	PERIOD
CARTGRID 00043872 COURSE						
441733.00000	3866261.00000	1.1051280e-04	838.00	838.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
442233.00000	3866261.00000	1.1642070e-04	834.00	834.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
442733.00000	3866261.00000	1.1391470e-04	832.60	832.60	1.20	PERIOD
CARTGRID 00043872 COURSE						

443233.00000	3866261.00000	1.0257960e-04	833.20	833.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
443733.00000	3866261.00000	9.9766880e-05	834.00	834.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
444233.00000	3866261.00000	9.0706950e-05	840.00	840.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
444733.00000	3866261.00000	8.3144450e-05	851.10	851.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
445233.00000	3866261.00000	7.2875200e-05	865.10	865.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
445733.00000	3866261.00000	6.8598840e-05	867.10	867.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
430733.00000	3866761.00000	2.8724490e-04	748.20	748.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
431233.00000	3866761.00000	2.9775090e-04	740.30	740.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
431733.00000	3866761.00000	3.1527910e-04	739.90	750.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
432233.00000	3866761.00000	3.3758550e-04	727.60	727.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
432733.00000	3866761.00000	3.5513110e-04	724.00	724.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
433233.00000	3866761.00000	3.7883680e-04	732.40	732.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
433733.00000	3866761.00000	4.0099940e-04	744.40	941.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
434233.00000	3866761.00000	3.8131700e-04	762.60	961.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
434733.00000	3866761.00000	3.1104860e-04	781.70	971.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
435233.00000	3866761.00000	2.2594940e-04	804.60	971.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
435733.00000	3866761.00000	1.6845010e-04	831.30	1026.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
436233.00000	3866761.00000	1.3877680e-04	871.60	1026.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
436733.00000	3866761.00000	1.2162370e-04	926.00	1026.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
437233.00000	3866761.00000	1.0921220e-04	990.00	1001.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
437733.00000	3866761.00000	1.1810190e-04	925.00	1034.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
438233.00000	3866761.00000	1.2251190e-04	890.10	1034.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
438733.00000	3866761.00000	1.2395350e-04	867.90	1034.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
439233.00000	3866761.00000	1.2046220e-04	858.50	1034.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
439733.00000	3866761.00000	1.2026180e-04	851.80	851.80	1.20	PERIOD
CARTGRID	00043872	COURSE				

440233.00000	3866761.00000	1.2473780e-04	842.40	842.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
440733.00000	3866761.00000	1.3155610e-04	835.50	835.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
441233.00000	3866761.00000	1.3478550e-04	830.50	830.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
441733.00000	3866761.00000	1.3546230e-04	826.50	826.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
442233.00000	3866761.00000	1.4110610e-04	825.50	825.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
442733.00000	3866761.00000	1.3700390e-04	824.00	824.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
443233.00000	3866761.00000	1.2102670e-04	827.10	827.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
443733.00000	3866761.00000	1.0808770e-04	833.80	833.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
444233.00000	3866761.00000	9.9258180e-05	840.00	840.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
444733.00000	3866761.00000	9.2979760e-05	846.50	846.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
445233.00000	3866761.00000	8.3441800e-05	851.60	851.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
445733.00000	3866761.00000	7.9329060e-05	854.90	854.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
430733.00000	3867261.00000	3.2605590e-04	728.10	728.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
431233.00000	3867261.00000	3.3028570e-04	725.90	725.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
431733.00000	3867261.00000	3.4068480e-04	722.80	722.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
432233.00000	3867261.00000	3.5905480e-04	719.00	719.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
432733.00000	3867261.00000	3.8373660e-04	718.10	718.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
433233.00000	3867261.00000	4.2050990e-04	724.00	724.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
433733.00000	3867261.00000	4.5948780e-04	733.40	733.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
434233.00000	3867261.00000	4.6833430e-04	747.90	961.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
434733.00000	3867261.00000	4.2568240e-04	762.60	970.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
435233.00000	3867261.00000	3.5310440e-04	779.90	1026.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
435733.00000	3867261.00000	2.6650690e-04	798.50	1034.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
436233.00000	3867261.00000	1.9613870e-04	823.40	1034.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
436733.00000	3867261.00000	1.5720050e-04	857.60	1034.00	1.20	PERIOD
CARTGRID	00043872	COURSE				

437233.00000	3867261.00000	1.2375920e-04	968.80	1026.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
437733.00000	3867261.00000	1.1762100e-04	991.30	1034.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
438233.00000	3867261.00000	1.2311100e-04	934.10	1034.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
438733.00000	3867261.00000	1.4607180e-04	854.70	1034.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
439233.00000	3867261.00000	1.4673840e-04	843.00	1034.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
439733.00000	3867261.00000	1.4725940e-04	834.80	1034.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
440233.00000	3867261.00000	1.6286090e-04	824.70	824.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
440733.00000	3867261.00000	1.7085120e-04	818.80	818.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
441233.00000	3867261.00000	1.7279170e-04	816.80	816.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
441733.00000	3867261.00000	1.7119400e-04	816.80	816.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
442233.00000	3867261.00000	1.7876790e-04	816.80	816.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
442733.00000	3867261.00000	1.6418040e-04	818.00	818.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
443233.00000	3867261.00000	1.4026780e-04	823.40	823.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
443733.00000	3867261.00000	1.1353170e-04	836.00	836.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
444233.00000	3867261.00000	1.1280680e-04	836.00	836.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
444733.00000	3867261.00000	1.0531420e-04	838.10	838.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
445233.00000	3867261.00000	9.3771440e-05	846.80	846.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
445733.00000	3867261.00000	8.7002140e-05	853.40	853.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
430733.00000	3867761.00000	3.6041170e-04	719.10	719.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
431233.00000	3867761.00000	3.6451050e-04	717.90	717.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
431733.00000	3867761.00000	3.7222730e-04	716.00	716.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
432233.00000	3867761.00000	3.8930550e-04	715.00	715.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
432733.00000	3867761.00000	4.1547210e-04	715.00	715.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
433233.00000	3867761.00000	4.6137950e-04	717.80	717.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
433733.00000	3867761.00000	5.1649400e-04	726.40	726.40	1.20	PERIOD
CARTGRID	00043872	COURSE				

434233.00000	3867761.00000	5.4903250e-04	736.30	736.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
434733.00000	3867761.00000	5.2219270e-04	750.90	965.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
435233.00000	3867761.00000	4.6283460e-04	765.40	1026.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
435733.00000	3867761.00000	3.6000760e-04	785.30	1034.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
436233.00000	3867761.00000	2.7992230e-04	803.70	1034.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
436733.00000	3867761.00000	2.0928620e-04	826.60	1034.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
437233.00000	3867761.00000	1.6396850e-04	873.80	1034.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
437733.00000	3867761.00000	1.3218320e-04	982.60	1034.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
438233.00000	3867761.00000	1.3904150e-04	919.80	1034.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
438733.00000	3867761.00000	1.7099010e-04	846.80	1034.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
439233.00000	3867761.00000	1.8797360e-04	829.00	1034.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
439733.00000	3867761.00000	1.8448740e-04	823.60	1034.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
440233.00000	3867761.00000	2.0592880e-04	813.90	813.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
440733.00000	3867761.00000	2.1259980e-04	809.00	809.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
441233.00000	3867761.00000	2.1704150e-04	809.00	809.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
441733.00000	3867761.00000	2.1815170e-04	810.00	810.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
442233.00000	3867761.00000	2.0506000e-04	814.70	814.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
442733.00000	3867761.00000	1.6054620e-04	825.30	825.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
443233.00000	3867761.00000	1.2020460e-04	840.90	840.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
443733.00000	3867761.00000	1.3474930e-04	829.00	829.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
444233.00000	3867761.00000	1.3451910e-04	828.00	828.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
444733.00000	3867761.00000	1.2002710e-04	835.10	835.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
445233.00000	3867761.00000	1.0076990e-04	849.70	849.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
445733.00000	3867761.00000	9.0758340e-05	860.90	860.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
430733.00000	3868261.00000	3.8851040e-04	709.20	709.20	1.20	PERIOD
CARTGRID	00043872	COURSE				



431233.00000	3868261.00000	3.9992840e-04	710.40	710.40	1.20	PERIOD
CARTGRID 00043872 COURSE						
431733.00000	3868261.00000	4.1210920e-04	711.50	711.50	1.20	PERIOD
CARTGRID 00043872 COURSE						
432233.00000	3868261.00000	4.2804760e-04	711.50	711.50	1.20	PERIOD
CARTGRID 00043872 COURSE						
432733.00000	3868261.00000	4.5195440e-04	711.00	711.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
433233.00000	3868261.00000	5.0654870e-04	713.00	713.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
433733.00000	3868261.00000	5.7643700e-04	719.00	719.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
434233.00000	3868261.00000	6.2142530e-04	729.60	729.60	1.20	PERIOD
CARTGRID 00043872 COURSE						
434733.00000	3868261.00000	6.1773140e-04	741.30	741.30	1.20	PERIOD
CARTGRID 00043872 COURSE						
435233.00000	3868261.00000	5.7100600e-04	754.90	1026.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
435733.00000	3868261.00000	5.0682480e-04	769.60	1034.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
436233.00000	3868261.00000	4.3384760e-04	782.50	1034.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
436733.00000	3868261.00000	3.2829890e-04	801.10	1034.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
437233.00000	3868261.00000	2.3052930e-04	827.20	1034.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
437733.00000	3868261.00000	1.7257780e-04	888.40	1034.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
438233.00000	3868261.00000	1.5869010e-04	913.70	1034.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
438733.00000	3868261.00000	2.0807050e-04	835.40	1034.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
439233.00000	3868261.00000	2.4228520e-04	818.60	1034.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
439733.00000	3868261.00000	2.5274960e-04	811.30	1034.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
440233.00000	3868261.00000	2.7105380e-04	803.50	803.50	1.20	PERIOD
CARTGRID 00043872 COURSE						
440733.00000	3868261.00000	2.7475160e-04	800.50	800.50	1.20	PERIOD
CARTGRID 00043872 COURSE						
441233.00000	3868261.00000	2.7202340e-04	804.00	804.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
441733.00000	3868261.00000	2.1342120e-04	818.60	818.60	1.20	PERIOD
CARTGRID 00043872 COURSE						
442233.00000	3868261.00000	1.5660260e-04	835.80	841.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
442733.00000	3868261.00000	1.3393680e-04	844.60	844.60	1.20	PERIOD
CARTGRID 00043872 COURSE						
443233.00000	3868261.00000	1.4239310e-04	834.10	834.10	1.20	PERIOD
CARTGRID 00043872 COURSE						

443733.00000	3868261.00000	1.5425870e-04	827.20	827.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
444233.00000	3868261.00000	1.6334100e-04	823.00	823.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
444733.00000	3868261.00000	1.4512570e-04	831.20	831.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
445233.00000	3868261.00000	1.2979770e-04	839.40	842.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
445733.00000	3868261.00000	1.2041860e-04	847.90	860.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
430733.00000	3868761.00000	4.0933680e-04	704.40	704.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
431233.00000	3868761.00000	4.2954130e-04	704.10	704.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
431733.00000	3868761.00000	4.5371690e-04	707.60	707.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
432233.00000	3868761.00000	4.7605710e-04	708.00	708.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
432733.00000	3868761.00000	5.0054560e-04	709.00	709.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
433233.00000	3868761.00000	5.5882150e-04	710.00	710.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
433733.00000	3868761.00000	6.4254690e-04	713.00	713.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
434233.00000	3868761.00000	7.0232960e-04	720.90	720.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
434733.00000	3868761.00000	7.1468370e-04	730.60	730.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
435233.00000	3868761.00000	6.9464950e-04	742.80	1026.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
435733.00000	3868761.00000	6.7380130e-04	755.90	1034.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
436233.00000	3868761.00000	6.2862420e-04	767.60	1034.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
436733.00000	3868761.00000	5.0094090e-04	783.30	1034.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
437233.00000	3868761.00000	3.7948500e-04	799.90	1034.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
437733.00000	3868761.00000	2.9126340e-04	815.40	1034.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
438233.00000	3868761.00000	2.4776500e-04	829.60	1034.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
438733.00000	3868761.00000	3.0078060e-04	812.50	1034.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
439233.00000	3868761.00000	3.3574110e-04	806.80	1034.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
439733.00000	3868761.00000	3.4761710e-04	802.50	1025.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
440233.00000	3868761.00000	3.6378830e-04	796.80	796.80	1.20	PERIOD
CARTGRID	00043872	COURSE				

440733.00000	3868761.00000	3.4171210e-04	796.80	796.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
441233.00000	3868761.00000	2.4279370e-04	817.30	823.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
441733.00000	3868761.00000	1.6738210e-04	847.10	847.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
442233.00000	3868761.00000	1.6067160e-04	844.60	844.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
442733.00000	3868761.00000	1.6036080e-04	838.00	838.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
443233.00000	3868761.00000	1.7865960e-04	827.90	827.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
443733.00000	3868761.00000	1.7205800e-04	829.80	829.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
444233.00000	3868761.00000	2.0906140e-04	817.10	817.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
444733.00000	3868761.00000	1.9710460e-04	822.70	822.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
445233.00000	3868761.00000	1.6595730e-04	835.40	835.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
445733.00000	3868761.00000	1.8089460e-04	827.90	827.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
430733.00000	3869261.00000	4.1267560e-04	696.20	696.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
431233.00000	3869261.00000	4.4713610e-04	701.00	701.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
431733.00000	3869261.00000	4.8791240e-04	705.00	705.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
432233.00000	3869261.00000	5.3722130e-04	714.40	714.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
432733.00000	3869261.00000	5.6077100e-04	707.00	707.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
433233.00000	3869261.00000	6.2728970e-04	709.70	709.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
433733.00000	3869261.00000	7.2295860e-04	712.90	712.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
434233.00000	3869261.00000	7.9426600e-04	714.00	714.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
434733.00000	3869261.00000	8.2919750e-04	723.80	723.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
435233.00000	3869261.00000	8.2843690e-04	734.00	734.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
435733.00000	3869261.00000	8.3705720e-04	745.10	1026.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
436233.00000	3869261.00000	8.5249990e-04	757.10	1034.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
436733.00000	3869261.00000	7.3464470e-04	770.10	1034.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
437233.00000	3869261.00000	5.8770950e-04	783.10	1034.00	1.20	PERIOD
CARTGRID	00043872	COURSE				

437733.00000	3869261.00000	3.6439650e-04	812.20	1034.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
438233.00000	3869261.00000	3.1489910e-04	821.50	1034.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
438733.00000	3869261.00000	4.5837420e-04	795.10	1034.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
439233.00000	3869261.00000	4.7448710e-04	795.10	1034.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
439733.00000	3869261.00000	5.0207060e-04	794.00	794.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
440233.00000	3869261.00000	5.1094160e-04	790.10	790.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
440733.00000	3869261.00000	3.9723780e-04	798.70	798.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
441233.00000	3869261.00000	2.9996240e-04	815.50	815.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
441733.00000	3869261.00000	2.6199840e-04	824.40	824.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
442233.00000	3869261.00000	2.4463030e-04	826.10	826.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
442733.00000	3869261.00000	2.3209160e-04	824.10	824.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
443233.00000	3869261.00000	2.4645520e-04	818.00	818.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
443733.00000	3869261.00000	2.2647940e-04	822.80	822.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
444233.00000	3869261.00000	2.4804480e-04	816.80	823.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
444733.00000	3869261.00000	2.4237760e-04	818.00	818.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
445233.00000	3869261.00000	1.9850840e-04	828.20	828.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
445733.00000	3869261.00000	2.0212740e-04	823.00	823.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
430733.00000	3869761.00000	4.2682000e-04	696.00	696.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
431233.00000	3869761.00000	4.5868170e-04	699.10	699.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
431733.00000	3869761.00000	5.1091020e-04	707.00	707.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
432233.00000	3869761.00000	5.6704880e-04	707.00	707.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
432733.00000	3869761.00000	6.2418210e-04	707.00	707.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
433233.00000	3869761.00000	7.1950710e-04	713.00	713.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
433733.00000	3869761.00000	8.1961970e-04	714.00	714.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
434233.00000	3869761.00000	9.1134370e-04	716.00	716.00	1.20	PERIOD
CARTGRID	00043872	COURSE				

434733.00000	3869761.00000	9.7488600e-04	721.00	721.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
435233.00000	3869761.00000	1.0023580e-03	728.40	728.40	1.20	PERIOD
CARTGRID 00043872 COURSE						
435733.00000	3869761.00000	1.0490210e-03	738.10	738.10	1.20	PERIOD
CARTGRID 00043872 COURSE						
436233.00000	3869761.00000	1.1516580e-03	746.90	1015.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
436733.00000	3869761.00000	1.0625770e-03	758.20	1034.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
437233.00000	3869761.00000	9.4162330e-04	766.50	1034.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
437733.00000	3869761.00000	7.2071210e-04	782.90	1034.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
438233.00000	3869761.00000	6.6528130e-04	789.00	1023.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
438733.00000	3869761.00000	6.9208890e-04	785.50	970.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
439233.00000	3869761.00000	6.8861060e-04	786.00	786.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
439733.00000	3869761.00000	7.2753150e-04	784.50	784.50	1.20	PERIOD
CARTGRID 00043872 COURSE						
440233.00000	3869761.00000	7.4173160e-04	783.10	783.10	1.20	PERIOD
CARTGRID 00043872 COURSE						
440733.00000	3869761.00000	5.5906230e-04	794.80	794.80	1.20	PERIOD
CARTGRID 00043872 COURSE						
441233.00000	3869761.00000	4.7360280e-04	802.20	802.20	1.20	PERIOD
CARTGRID 00043872 COURSE						
441733.00000	3869761.00000	4.4923790e-04	806.50	806.50	1.20	PERIOD
CARTGRID 00043872 COURSE						
442233.00000	3869761.00000	4.0338720e-04	810.00	810.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
442733.00000	3869761.00000	2.8350560e-04	823.00	823.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
443233.00000	3869761.00000	3.4214300e-04	810.00	810.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
443733.00000	3869761.00000	3.1941420e-04	811.30	817.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
444233.00000	3869761.00000	3.4741600e-04	805.00	805.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
444733.00000	3869761.00000	2.7829700e-04	814.60	814.60	1.20	PERIOD
CARTGRID 00043872 COURSE						
445233.00000	3869761.00000	2.0909080e-04	830.60	830.60	1.20	PERIOD
CARTGRID 00043872 COURSE						
445733.00000	3869761.00000	2.4100070e-04	814.20	814.20	1.20	PERIOD
CARTGRID 00043872 COURSE						
430733.00000	3870261.00000	4.6527720e-04	698.00	698.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
431233.00000	3870261.00000	4.9678000e-04	700.80	700.80	1.20	PERIOD
CARTGRID 00043872 COURSE						

431733.00000	3870261.00000	5.3058300e-04	702.60	702.60	1.20	PERIOD
CARTGRID 00043872 COURSE						
432233.00000	3870261.00000	5.9609060e-04	707.40	707.40	1.20	PERIOD
CARTGRID 00043872 COURSE						
432733.00000	3870261.00000	6.7637580e-04	707.00	707.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
433233.00000	3870261.00000	8.1300600e-04	713.00	713.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
433733.00000	3870261.00000	9.3707420e-04	714.40	714.40	1.20	PERIOD
CARTGRID 00043872 COURSE						
434233.00000	3870261.00000	1.0490670e-03	718.00	718.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
434733.00000	3870261.00000	1.1545950e-03	722.00	722.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
435233.00000	3870261.00000	1.2492530e-03	728.00	728.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
435733.00000	3870261.00000	1.3542530e-03	735.00	735.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
436233.00000	3870261.00000	1.5577860e-03	742.00	742.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
436733.00000	3870261.00000	1.5289920e-03	750.00	750.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
437233.00000	3870261.00000	1.3789470e-03	758.10	899.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
437733.00000	3870261.00000	1.2498690e-03	767.00	899.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
438233.00000	3870261.00000	1.1335750e-03	774.00	899.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
438733.00000	3870261.00000	1.0222230e-03	780.00	899.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
439233.00000	3870261.00000	1.0436970e-03	779.80	779.80	1.20	PERIOD
CARTGRID 00043872 COURSE						
439733.00000	3870261.00000	1.1901010e-03	774.00	774.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
440233.00000	3870261.00000	9.1534880e-04	786.10	786.10	1.20	PERIOD
CARTGRID 00043872 COURSE						
440733.00000	3870261.00000	9.2022620e-04	786.00	786.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
441233.00000	3870261.00000	8.8402340e-04	788.30	788.30	1.20	PERIOD
CARTGRID 00043872 COURSE						
441733.00000	3870261.00000	7.5684020e-04	795.10	795.10	1.20	PERIOD
CARTGRID 00043872 COURSE						
442233.00000	3870261.00000	5.4008780e-04	806.40	806.40	1.20	PERIOD
CARTGRID 00043872 COURSE						
442733.00000	3870261.00000	4.9584940e-04	803.40	803.40	1.20	PERIOD
CARTGRID 00043872 COURSE						
443233.00000	3870261.00000	5.1227250e-04	798.80	798.80	1.20	PERIOD
CARTGRID 00043872 COURSE						
443733.00000	3870261.00000	4.8644700e-04	798.80	798.80	1.20	PERIOD
CARTGRID 00043872 COURSE						

444233.00000	3870261.00000	4.5731210e-04	798.00	798.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
444733.00000	3870261.00000	4.1022960e-04	798.10	798.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
445233.00000	3870261.00000	3.2675990e-04	801.80	801.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
445733.00000	3870261.00000	2.9007920e-04	799.80	799.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
430733.00000	3870761.00000	5.3915880e-04	700.70	700.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
431233.00000	3870761.00000	5.7904140e-04	701.50	701.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
431733.00000	3870761.00000	6.1388470e-04	707.00	707.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
432233.00000	3870761.00000	6.5797120e-04	707.00	707.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
432733.00000	3870761.00000	7.4604220e-04	709.00	709.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
433233.00000	3870761.00000	9.1024330e-04	712.00	712.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
433733.00000	3870761.00000	1.0628550e-03	715.00	715.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
434233.00000	3870761.00000	1.2113470e-03	719.10	719.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
434733.00000	3870761.00000	1.3825460e-03	723.80	723.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
435233.00000	3870761.00000	1.6094050e-03	728.40	728.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
435733.00000	3870761.00000	1.8428730e-03	734.00	734.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
436233.00000	3870761.00000	2.2109720e-03	740.10	740.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
436733.00000	3870761.00000	2.2188680e-03	747.50	747.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
437233.00000	3870761.00000	1.8567340e-03	762.00	762.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
437733.00000	3870761.00000	1.9070330e-03	765.10	765.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
438233.00000	3870761.00000	1.5888070e-03	773.10	773.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
438733.00000	3870761.00000	1.6353970e-03	773.10	773.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
439233.00000	3870761.00000	1.8108520e-03	770.80	770.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
439733.00000	3870761.00000	1.5991470e-03	776.10	776.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
440233.00000	3870761.00000	1.4882830e-03	779.90	779.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
440733.00000	3870761.00000	1.5760780e-03	780.00	780.00	1.20	PERIOD
CARTGRID	00043872	COURSE				

441233.00000	3870761.00000	1.5739510e-03	780.50	780.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
441733.00000	3870761.00000	1.3504880e-03	786.10	786.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
442233.00000	3870761.00000	1.3453760e-03	783.10	783.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
442733.00000	3870761.00000	9.7655870e-04	786.10	786.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
443233.00000	3870761.00000	7.6656070e-04	791.90	791.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
443733.00000	3870761.00000	6.6501940e-04	792.00	792.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
444233.00000	3870761.00000	5.5189410e-04	792.00	792.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
444733.00000	3870761.00000	4.4662630e-04	792.00	792.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
445233.00000	3870761.00000	3.9083720e-04	787.30	787.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
445733.00000	3870761.00000	3.2989930e-04	787.10	787.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
430733.00000	3871261.00000	6.2919960e-04	701.60	701.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
431233.00000	3871261.00000	7.0309840e-04	704.10	704.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
431733.00000	3871261.00000	7.5311910e-04	707.00	707.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
432233.00000	3871261.00000	7.9193580e-04	707.00	707.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
432733.00000	3871261.00000	8.8472220e-04	710.00	710.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
433233.00000	3871261.00000	1.0897670e-03	713.00	713.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
433733.00000	3871261.00000	1.2683130e-03	715.20	715.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
434233.00000	3871261.00000	1.4394660e-03	720.00	720.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
434733.00000	3871261.00000	1.6698950e-03	724.00	724.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
435233.00000	3871261.00000	2.1663510e-03	729.00	729.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
435733.00000	3871261.00000	2.9761720e-03	734.00	734.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
436233.00000	3871261.00000	3.9890260e-03	737.40	737.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
436733.00000	3871261.00000	4.1378200e-03	743.00	743.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
437233.00000	3871261.00000	4.1423170e-03	749.50	749.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
437733.00000	3871261.00000	4.3509650e-03	756.00	756.00	1.20	PERIOD
CARTGRID	00043872	COURSE				



438233.00000	3871261.00000	4.0515910e-03	761.70	761.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
438733.00000	3871261.00000	4.0579180e-03	762.40	762.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
439233.00000	3871261.00000	3.1790170e-03	769.90	769.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
439733.00000	3871261.00000	2.8574900e-03	771.50	771.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
440233.00000	3871261.00000	2.7319140e-03	772.00	772.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
440733.00000	3871261.00000	3.3535880e-03	772.90	772.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
441233.00000	3871261.00000	3.8601850e-03	774.00	774.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
441733.00000	3871261.00000	4.0333960e-03	774.00	774.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
442233.00000	3871261.00000	3.1034790e-03	776.00	776.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
442733.00000	3871261.00000	1.7281520e-03	780.00	780.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
443233.00000	3871261.00000	1.1700340e-03	783.00	783.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
443733.00000	3871261.00000	8.4449780e-04	783.40	783.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
444233.00000	3871261.00000	6.3534810e-04	786.80	786.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
444733.00000	3871261.00000	5.3195750e-04	783.90	783.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
445233.00000	3871261.00000	4.6811600e-04	780.00	780.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
445733.00000	3871261.00000	4.1524870e-04	777.50	777.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
430733.00000	3871761.00000	7.4548640e-04	704.10	704.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
431233.00000	3871761.00000	8.5030430e-04	705.60	705.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
431733.00000	3871761.00000	9.5815270e-04	707.00	707.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
432233.00000	3871761.00000	1.0262420e-03	707.00	707.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
432733.00000	3871761.00000	1.1307910e-03	710.30	710.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
433233.00000	3871761.00000	1.3715070e-03	713.00	713.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
433733.00000	3871761.00000	1.5794760e-03	715.00	715.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
434233.00000	3871761.00000	1.8215490e-03	719.00	719.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
434733.00000	3871761.00000	2.1490800e-03	724.00	724.00	1.20	PERIOD
CARTGRID	00043872	COURSE				

435233.00000	3871761.00000	3.0319160e-03	728.40	728.40	1.20	PERIOD
CARTGRID 00043872 COURSE						
435733.00000	3871761.00000	7.3915810e-03	733.10	733.10	1.20	PERIOD
CARTGRID 00043872 COURSE						
436233.00000	3871761.00000	2.3635120e-02	738.00	738.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
436733.00000	3871761.00000	2.0383680e-02	742.40	742.40	1.20	PERIOD
CARTGRID 00043872 COURSE						
437233.00000	3871761.00000	1.9054240e-02	747.10	747.10	1.20	PERIOD
CARTGRID 00043872 COURSE						
437733.00000	3871761.00000	3.3030760e-02	752.00	752.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
438233.00000	3871761.00000	2.2783130e-02	756.80	756.80	1.20	PERIOD
CARTGRID 00043872 COURSE						
438733.00000	3871761.00000	1.9421270e-02	761.80	761.80	1.20	PERIOD
CARTGRID 00043872 COURSE						
439233.00000	3871761.00000	1.7174390e-02	766.60	766.60	1.20	PERIOD
CARTGRID 00043872 COURSE						
439733.00000	3871761.00000	1.5344350e-02	768.00	768.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
440233.00000	3871761.00000	4.9779960e-03	767.00	767.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
440733.00000	3871761.00000	1.7823890e-02	767.90	767.90	1.20	PERIOD
CARTGRID 00043872 COURSE						
441233.00000	3871761.00000	2.3731080e-02	767.80	767.80	1.20	PERIOD
CARTGRID 00043872 COURSE						
441733.00000	3871761.00000	2.4952160e-02	768.00	768.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
442233.00000	3871761.00000	2.0335640e-02	771.00	771.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
442733.00000	3871761.00000	2.8109910e-03	774.00	774.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
443233.00000	3871761.00000	1.4880470e-03	775.70	775.70	1.20	PERIOD
CARTGRID 00043872 COURSE						
443733.00000	3871761.00000	1.0101410e-03	777.00	777.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
444233.00000	3871761.00000	7.5686110e-04	780.80	780.80	1.20	PERIOD
CARTGRID 00043872 COURSE						
444733.00000	3871761.00000	6.2461600e-04	778.00	778.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
445233.00000	3871761.00000	5.3790350e-04	774.00	774.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
445733.00000	3871761.00000	4.7073770e-04	771.90	771.90	1.20	PERIOD
CARTGRID 00043872 COURSE						
430733.00000	3872261.00000	8.0735210e-04	705.00	705.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
431233.00000	3872261.00000	9.2650080e-04	706.20	706.20	1.20	PERIOD
CARTGRID 00043872 COURSE						
431733.00000	3872261.00000	1.0842860e-03	707.00	707.00	1.20	PERIOD
CARTGRID 00043872 COURSE						

432233.00000	3872261.00000	1.2432150e-03	709.00	709.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
432733.00000	3872261.00000	1.4061890e-03	710.90	710.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
433233.00000	3872261.00000	1.6859040e-03	712.80	712.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
433733.00000	3872261.00000	1.8919660e-03	715.00	715.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
434233.00000	3872261.00000	2.1576960e-03	719.00	719.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
434733.00000	3872261.00000	2.5614660e-03	723.00	723.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
435233.00000	3872261.00000	3.5678730e-03	728.00	728.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
435733.00000	3872261.00000	8.7013710e-03	733.00	733.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
436233.00000	3872261.00000	2.9701850e-02	737.20	737.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
436733.00000	3872261.00000	2.4811920e-02	741.40	741.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
437233.00000	3872261.00000	2.3119830e-02	746.00	746.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
437733.00000	3872261.00000	3.4524050e-02	750.00	750.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
438233.00000	3872261.00000	3.7907220e-02	752.00	752.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
438733.00000	3872261.00000	3.3853190e-02	753.00	753.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
439233.00000	3872261.00000	2.8145140e-02	755.10	755.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
439733.00000	3872261.00000	2.3281160e-02	758.10	758.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
440233.00000	3872261.00000	1.1585770e-02	760.00	760.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
440733.00000	3872261.00000	7.1168360e-03	761.10	761.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
441233.00000	3872261.00000	7.9848720e-03	761.00	761.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
441733.00000	3872261.00000	2.4317010e-02	763.20	763.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
442233.00000	3872261.00000	2.0746150e-02	767.80	767.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
442733.00000	3872261.00000	3.2295590e-03	768.00	768.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
443233.00000	3872261.00000	1.6167480e-03	769.10	769.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
443733.00000	3872261.00000	1.0566610e-03	771.10	771.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
444233.00000	3872261.00000	7.9534190e-04	774.00	774.00	1.20	PERIOD
CARTGRID	00043872	COURSE				

444733.00000	3872261.00000	6.4959350e-04	774.00	774.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
445233.00000	3872261.00000	5.6103680e-04	770.00	770.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
445733.00000	3872261.00000	4.9303700e-04	767.00	767.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
430733.00000	3872761.00000	8.2881960e-04	706.40	706.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
431233.00000	3872761.00000	9.6847160e-04	707.60	707.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
431733.00000	3872761.00000	1.1870410e-03	709.00	709.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
432233.00000	3872761.00000	1.4613110e-03	709.00	709.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
432733.00000	3872761.00000	1.8101860e-03	711.00	711.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
433233.00000	3872761.00000	2.2623930e-03	713.00	713.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
433733.00000	3872761.00000	2.5602280e-03	715.00	715.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
434233.00000	3872761.00000	2.8932080e-03	718.00	718.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
434733.00000	3872761.00000	3.2243240e-03	722.00	722.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
435233.00000	3872761.00000	4.1416270e-03	727.00	727.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
435733.00000	3872761.00000	8.9437220e-03	732.00	732.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
436233.00000	3872761.00000	3.4482570e-02	736.00	736.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
436733.00000	3872761.00000	2.6995840e-02	739.70	739.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
437233.00000	3872761.00000	2.4453340e-02	744.00	744.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
437733.00000	3872761.00000	3.2273280e-02	746.00	746.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
438233.00000	3872761.00000	3.3794510e-02	747.50	747.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
438733.00000	3872761.00000	3.3308090e-02	747.00	747.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
439233.00000	3872761.00000	3.3542690e-02	748.00	748.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
439733.00000	3872761.00000	3.5008390e-02	751.70	751.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
440233.00000	3872761.00000	1.5572480e-02	753.50	753.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
440733.00000	3872761.00000	7.9728260e-03	755.00	755.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
441233.00000	3872761.00000	4.3309450e-03	756.50	756.50	1.20	PERIOD
CARTGRID	00043872	COURSE				

441733.00000	3872761.00000	4.7928660e-03	759.10	759.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
442233.00000	3872761.00000	4.1448780e-03	761.90	761.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
442733.00000	3872761.00000	2.6607810e-03	763.00	763.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
443233.00000	3872761.00000	1.6084140e-03	764.00	764.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
443733.00000	3872761.00000	1.0649860e-03	766.00	766.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
444233.00000	3872761.00000	7.7589280e-04	767.00	767.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
444733.00000	3872761.00000	6.1757890e-04	767.50	767.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
445233.00000	3872761.00000	5.2461750e-04	765.60	765.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
445733.00000	3872761.00000	4.6171780e-04	762.00	762.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
430733.00000	3873261.00000	8.8737330e-04	707.20	707.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
431233.00000	3873261.00000	1.0974060e-03	709.60	709.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
431733.00000	3873261.00000	1.3885030e-03	709.00	709.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
432233.00000	3873261.00000	1.9678770e-03	709.00	709.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
432733.00000	3873261.00000	3.4989430e-03	711.20	711.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
433233.00000	3873261.00000	4.8521590e-03	713.00	713.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
433733.00000	3873261.00000	5.4085370e-03	715.00	715.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
434233.00000	3873261.00000	5.7818160e-03	718.00	718.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
434733.00000	3873261.00000	6.0618450e-03	721.00	721.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
435233.00000	3873261.00000	6.6539690e-03	725.00	725.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
435733.00000	3873261.00000	8.5291370e-03	729.00	729.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
436233.00000	3873261.00000	1.7471210e-02	733.00	733.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
436733.00000	3873261.00000	1.6924270e-02	737.40	737.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
437233.00000	3873261.00000	1.5688230e-02	739.40	739.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
437733.00000	3873261.00000	1.2762250e-02	740.10	740.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
438233.00000	3873261.00000	1.2542340e-02	741.50	741.50	1.20	PERIOD
CARTGRID	00043872	COURSE				

438733.00000	3873261.00000	1.2184860e-02	741.50	741.50	1.20	PERIOD
CARTGRID 00043872 COURSE						
439233.00000	3873261.00000	1.1676820e-02	743.30	743.30	1.20	PERIOD
CARTGRID 00043872 COURSE						
439733.00000	3873261.00000	1.0296970e-02	745.50	745.50	1.20	PERIOD
CARTGRID 00043872 COURSE						
440233.00000	3873261.00000	6.0457840e-03	747.90	747.90	1.20	PERIOD
CARTGRID 00043872 COURSE						
440733.00000	3873261.00000	4.1699900e-03	750.20	750.20	1.20	PERIOD
CARTGRID 00043872 COURSE						
441233.00000	3873261.00000	3.3612400e-03	752.10	752.10	1.20	PERIOD
CARTGRID 00043872 COURSE						
441733.00000	3873261.00000	2.7832100e-03	753.10	753.10	1.20	PERIOD
CARTGRID 00043872 COURSE						
442233.00000	3873261.00000	2.1318210e-03	755.30	755.30	1.20	PERIOD
CARTGRID 00043872 COURSE						
442733.00000	3873261.00000	1.7439950e-03	758.00	758.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
443233.00000	3873261.00000	1.4043930e-03	759.70	759.70	1.20	PERIOD
CARTGRID 00043872 COURSE						
443733.00000	3873261.00000	1.0608660e-03	759.50	759.50	1.20	PERIOD
CARTGRID 00043872 COURSE						
444233.00000	3873261.00000	7.9556780e-04	760.70	760.70	1.20	PERIOD
CARTGRID 00043872 COURSE						
444733.00000	3873261.00000	6.1378990e-04	761.70	761.70	1.20	PERIOD
CARTGRID 00043872 COURSE						
445233.00000	3873261.00000	5.0073530e-04	759.20	759.20	1.20	PERIOD
CARTGRID 00043872 COURSE						
445733.00000	3873261.00000	4.2878130e-04	757.40	757.40	1.20	PERIOD
CARTGRID 00043872 COURSE						
430733.00000	3873761.00000	9.2155780e-04	709.90	709.90	1.20	PERIOD
CARTGRID 00043872 COURSE						
431233.00000	3873761.00000	1.1556880e-03	710.40	710.40	1.20	PERIOD
CARTGRID 00043872 COURSE						
431733.00000	3873761.00000	1.6025230e-03	711.40	711.40	1.20	PERIOD
CARTGRID 00043872 COURSE						
432233.00000	3873761.00000	2.5708790e-03	712.30	712.30	1.20	PERIOD
CARTGRID 00043872 COURSE						
432733.00000	3873761.00000	1.7100970e-02	713.20	713.20	1.20	PERIOD
CARTGRID 00043872 COURSE						
433233.00000	3873761.00000	2.4346480e-02	714.40	714.40	1.20	PERIOD
CARTGRID 00043872 COURSE						
433733.00000	3873761.00000	2.5389110e-02	716.00	716.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
434233.00000	3873761.00000	2.5185130e-02	718.40	718.40	1.20	PERIOD
CARTGRID 00043872 COURSE						
434733.00000	3873761.00000	2.5523320e-02	720.80	720.80	1.20	PERIOD
CARTGRID 00043872 COURSE						
435233.00000	3873761.00000	2.6725850e-02	724.30	724.30	1.20	PERIOD
CARTGRID 00043872 COURSE						

435733.00000	3873761.00000	2.6422020e-02	727.90	727.90	1.20	PERIOD
CARTGRID 00043872 COURSE						
436233.00000	3873761.00000	6.4320190e-03	730.80	730.80	1.20	PERIOD
CARTGRID 00043872 COURSE						
436733.00000	3873761.00000	6.1057280e-03	734.40	734.40	1.20	PERIOD
CARTGRID 00043872 COURSE						
437233.00000	3873761.00000	6.1728270e-03	735.80	735.80	1.20	PERIOD
CARTGRID 00043872 COURSE						
437733.00000	3873761.00000	6.0444380e-03	737.70	737.70	1.20	PERIOD
CARTGRID 00043872 COURSE						
438233.00000	3873761.00000	5.8899750e-03	737.60	737.60	1.20	PERIOD
CARTGRID 00043872 COURSE						
438733.00000	3873761.00000	5.7183390e-03	737.90	737.90	1.20	PERIOD
CARTGRID 00043872 COURSE						
439233.00000	3873761.00000	5.4740420e-03	740.60	740.60	1.20	PERIOD
CARTGRID 00043872 COURSE						
439733.00000	3873761.00000	4.8049270e-03	743.30	743.30	1.20	PERIOD
CARTGRID 00043872 COURSE						
440233.00000	3873761.00000	3.9472700e-03	745.00	745.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
440733.00000	3873761.00000	3.2081180e-03	746.50	746.50	1.20	PERIOD
CARTGRID 00043872 COURSE						
441233.00000	3873761.00000	2.6731220e-03	748.60	748.60	1.20	PERIOD
CARTGRID 00043872 COURSE						
441733.00000	3873761.00000	2.1757070e-03	750.50	750.50	1.20	PERIOD
CARTGRID 00043872 COURSE						
442233.00000	3873761.00000	1.6491680e-03	753.10	753.10	1.20	PERIOD
CARTGRID 00043872 COURSE						
442733.00000	3873761.00000	1.3270140e-03	755.30	755.30	1.20	PERIOD
CARTGRID 00043872 COURSE						
443233.00000	3873761.00000	1.1034210e-03	754.80	754.80	1.20	PERIOD
CARTGRID 00043872 COURSE						
443733.00000	3873761.00000	9.1454470e-04	755.40	755.40	1.20	PERIOD
CARTGRID 00043872 COURSE						
444233.00000	3873761.00000	7.6030390e-04	756.90	756.90	1.20	PERIOD
CARTGRID 00043872 COURSE						
444733.00000	3873761.00000	6.1793310e-04	757.10	757.10	1.20	PERIOD
CARTGRID 00043872 COURSE						
445233.00000	3873761.00000	4.9919370e-04	756.40	756.40	1.20	PERIOD
CARTGRID 00043872 COURSE						
445733.00000	3873761.00000	4.1110150e-04	757.40	757.40	1.20	PERIOD
CARTGRID 00043872 COURSE						
430733.00000	3874261.00000	9.7018960e-04	710.20	710.20	1.20	PERIOD
CARTGRID 00043872 COURSE						
431233.00000	3874261.00000	1.2119970e-03	711.10	711.10	1.20	PERIOD
CARTGRID 00043872 COURSE						
431733.00000	3874261.00000	1.6197880e-03	713.20	713.20	1.20	PERIOD
CARTGRID 00043872 COURSE						
432233.00000	3874261.00000	2.6138340e-03	713.50	713.50	1.20	PERIOD
CARTGRID 00043872 COURSE						

432733.00000	3874261.00000	1.9216260e-02	715.70	715.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
433233.00000	3874261.00000	2.7177630e-02	715.70	715.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
433733.00000	3874261.00000	2.9681810e-02	717.50	717.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
434233.00000	3874261.00000	1.2814630e-02	719.30	719.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
434733.00000	3874261.00000	6.9911180e-03	721.20	721.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
435233.00000	3874261.00000	6.7319100e-03	724.00	724.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
435733.00000	3874261.00000	5.8813330e-03	727.40	727.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
436233.00000	3874261.00000	4.6574000e-03	728.20	728.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
436733.00000	3874261.00000	4.1151660e-03	731.40	731.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
437233.00000	3874261.00000	3.9945640e-03	732.90	732.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
437733.00000	3874261.00000	4.0054060e-03	734.30	734.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
438233.00000	3874261.00000	4.0199240e-03	736.70	736.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
438733.00000	3874261.00000	4.0011080e-03	743.80	743.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
439233.00000	3874261.00000	3.5066110e-03	760.00	762.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
439733.00000	3874261.00000	3.3417810e-03	750.60	750.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
440233.00000	3874261.00000	2.9325540e-03	744.90	744.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
440733.00000	3874261.00000	2.5715370e-03	749.20	755.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
441233.00000	3874261.00000	2.2576360e-03	749.40	749.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
441733.00000	3874261.00000	1.8767330e-03	752.00	752.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
442233.00000	3874261.00000	1.4516490e-03	753.60	753.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
442733.00000	3874261.00000	1.1964760e-03	754.50	754.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
443233.00000	3874261.00000	9.9902810e-04	755.50	755.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
443733.00000	3874261.00000	8.2603110e-04	757.30	757.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
444233.00000	3874261.00000	6.8831680e-04	758.30	758.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
444733.00000	3874261.00000	5.9454780e-04	758.30	758.30	1.20	PERIOD
CARTGRID	00043872	COURSE				



445233.00000	3874261.00000	5.0963610e-04	759.50	759.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
445733.00000	3874261.00000	4.2744850e-04	761.40	761.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
430733.00000	3874761.00000	9.6688760e-04	711.10	711.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
431233.00000	3874761.00000	1.1648520e-03	712.90	712.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
431733.00000	3874761.00000	1.4988240e-03	714.50	714.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
432233.00000	3874761.00000	2.2767870e-03	716.30	716.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
432733.00000	3874761.00000	6.7990640e-03	716.60	716.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
433233.00000	3874761.00000	2.7911160e-02	717.70	717.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
433733.00000	3874761.00000	2.9087880e-02	718.70	718.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
434233.00000	3874761.00000	1.4681620e-02	719.40	719.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
434733.00000	3874761.00000	4.8313200e-03	721.80	721.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
435233.00000	3874761.00000	4.0388140e-03	723.90	723.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
435733.00000	3874761.00000	3.7505190e-03	725.50	725.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
436233.00000	3874761.00000	3.5171460e-03	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
436733.00000	3874761.00000	3.3144870e-03	730.70	730.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
437233.00000	3874761.00000	3.1482880e-03	732.70	732.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
437733.00000	3874761.00000	3.0742340e-03	734.60	734.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
438233.00000	3874761.00000	3.0590510e-03	742.30	742.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
438733.00000	3874761.00000	2.9301350e-03	753.50	753.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
439233.00000	3874761.00000	2.1819440e-03	773.70	789.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
439733.00000	3874761.00000	1.8620540e-03	781.80	806.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
440233.00000	3874761.00000	2.3169460e-03	749.80	806.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
440733.00000	3874761.00000	2.0882180e-03	748.90	748.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
441233.00000	3874761.00000	1.8954110e-03	752.50	752.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
441733.00000	3874761.00000	1.6306640e-03	756.00	756.00	1.20	PERIOD
CARTGRID	00043872	COURSE				

442233.00000	3874761.00000	1.3167150e-03	757.80	757.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
442733.00000	3874761.00000	1.1002940e-03	759.20	759.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
443233.00000	3874761.00000	9.3428120e-04	757.80	757.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
443733.00000	3874761.00000	7.9972080e-04	760.20	760.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
444233.00000	3874761.00000	6.5804190e-04	762.50	762.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
444733.00000	3874761.00000	5.5148500e-04	761.80	761.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
445233.00000	3874761.00000	4.8005100e-04	762.30	762.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
445733.00000	3874761.00000	4.2186300e-04	765.10	765.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
430733.00000	3875261.00000	8.6978230e-04	712.60	712.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
431233.00000	3875261.00000	9.9487380e-04	713.80	713.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
431733.00000	3875261.00000	1.2120120e-03	716.30	716.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
432233.00000	3875261.00000	1.6702120e-03	717.30	717.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
432733.00000	3875261.00000	2.9636410e-03	718.70	718.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
433233.00000	3875261.00000	4.2968480e-03	719.80	719.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
433733.00000	3875261.00000	4.9705650e-03	721.70	721.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
434233.00000	3875261.00000	4.3575010e-03	721.80	721.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
434733.00000	3875261.00000	3.6561660e-03	723.00	723.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
435233.00000	3875261.00000	3.1510750e-03	724.50	724.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
435733.00000	3875261.00000	2.9386960e-03	725.70	725.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
436233.00000	3875261.00000	2.8093810e-03	728.70	728.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
436733.00000	3875261.00000	2.7534760e-03	731.50	731.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
437233.00000	3875261.00000	2.6428190e-03	734.50	734.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
437733.00000	3875261.00000	2.5713350e-03	736.60	736.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
438233.00000	3875261.00000	2.5038270e-03	744.20	744.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
438733.00000	3875261.00000	2.2731520e-03	757.50	757.50	1.20	PERIOD
CARTGRID	00043872	COURSE				

439233.00000	3875261.00000	1.8829400e-03	769.90	769.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
439733.00000	3875261.00000	1.6750250e-03	773.70	777.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
440233.00000	3875261.00000	1.8788640e-03	753.10	753.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
440733.00000	3875261.00000	1.7161000e-03	754.80	754.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
441233.00000	3875261.00000	1.5655490e-03	762.60	762.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
441733.00000	3875261.00000	1.3608260e-03	767.40	767.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
442233.00000	3875261.00000	1.1680110e-03	764.10	764.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
442733.00000	3875261.00000	1.0166150e-03	762.30	762.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
443233.00000	3875261.00000	8.7491130e-04	763.20	763.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
443733.00000	3875261.00000	7.7565710e-04	763.80	763.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
444233.00000	3875261.00000	6.6411360e-04	767.30	767.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
444733.00000	3875261.00000	5.5652150e-04	767.80	767.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
445233.00000	3875261.00000	4.7074940e-04	771.20	771.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
445733.00000	3875261.00000	4.1099550e-04	772.70	772.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
430733.00000	3875761.00000	7.2589870e-04	714.90	714.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
431233.00000	3875761.00000	8.1571620e-04	716.10	716.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
431733.00000	3875761.00000	1.0168300e-03	717.30	717.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
432233.00000	3875761.00000	1.4241750e-03	719.30	719.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
432733.00000	3875761.00000	2.1080700e-03	720.50	720.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
433233.00000	3875761.00000	2.5521450e-03	722.30	722.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
433733.00000	3875761.00000	2.7425660e-03	724.40	724.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
434233.00000	3875761.00000	2.6909360e-03	723.90	723.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
434733.00000	3875761.00000	2.7063190e-03	725.40	725.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
435233.00000	3875761.00000	2.6365280e-03	725.40	725.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
435733.00000	3875761.00000	2.5505950e-03	726.80	726.80	1.20	PERIOD
CARTGRID	00043872	COURSE				

436233.00000	3875761.00000	2.4315190e-03	728.60	728.60	1.20	PERIOD
CARTGRID 00043872 COURSE						
436733.00000	3875761.00000	2.3821850e-03	732.60	732.60	1.20	PERIOD
CARTGRID 00043872 COURSE						
437233.00000	3875761.00000	2.2827630e-03	736.30	736.30	1.20	PERIOD
CARTGRID 00043872 COURSE						
437733.00000	3875761.00000	2.2085490e-03	737.60	737.60	1.20	PERIOD
CARTGRID 00043872 COURSE						
438233.00000	3875761.00000	2.1363720e-03	747.70	747.70	1.20	PERIOD
CARTGRID 00043872 COURSE						
438733.00000	3875761.00000	1.9739550e-03	754.60	754.60	1.20	PERIOD
CARTGRID 00043872 COURSE						
439233.00000	3875761.00000	1.5556800e-03	772.00	790.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
439733.00000	3875761.00000	1.5988980e-03	760.90	760.90	1.20	PERIOD
CARTGRID 00043872 COURSE						
440233.00000	3875761.00000	1.5563120e-03	755.50	755.50	1.20	PERIOD
CARTGRID 00043872 COURSE						
440733.00000	3875761.00000	1.4133350e-03	762.00	762.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
441233.00000	3875761.00000	1.0242600e-03	793.80	796.70	1.20	PERIOD
CARTGRID 00043872 COURSE						
441733.00000	3875761.00000	9.2376170e-04	794.60	810.80	1.20	PERIOD
CARTGRID 00043872 COURSE						
442233.00000	3875761.00000	9.7148510e-04	775.50	812.90	1.20	PERIOD
CARTGRID 00043872 COURSE						
442733.00000	3875761.00000	9.2118950e-04	766.60	766.60	1.20	PERIOD
CARTGRID 00043872 COURSE						
443233.00000	3875761.00000	7.9364840e-04	770.00	770.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
443733.00000	3875761.00000	7.2090030e-04	770.00	770.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
444233.00000	3875761.00000	6.5146180e-04	770.80	770.80	1.20	PERIOD
CARTGRID 00043872 COURSE						
444733.00000	3875761.00000	5.4699750e-04	777.70	777.70	1.20	PERIOD
CARTGRID 00043872 COURSE						
445233.00000	3875761.00000	4.6149060e-04	780.40	780.40	1.20	PERIOD
CARTGRID 00043872 COURSE						
445733.00000	3875761.00000	4.0718210e-04	777.20	777.20	1.20	PERIOD
CARTGRID 00043872 COURSE						
430733.00000	3876261.00000	6.3589060e-04	717.20	717.20	1.20	PERIOD
CARTGRID 00043872 COURSE						
431233.00000	3876261.00000	7.6865790e-04	718.40	718.40	1.20	PERIOD
CARTGRID 00043872 COURSE						
431733.00000	3876261.00000	9.7722770e-04	719.30	719.30	1.20	PERIOD
CARTGRID 00043872 COURSE						
432233.00000	3876261.00000	1.2899700e-03	720.50	720.50	1.20	PERIOD
CARTGRID 00043872 COURSE						
432733.00000	3876261.00000	1.7182100e-03	722.10	722.10	1.20	PERIOD
CARTGRID 00043872 COURSE						

433233.00000	3876261.00000	1.9385270e-03	724.20	724.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
433733.00000	3876261.00000	2.0191450e-03	725.60	725.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
434233.00000	3876261.00000	2.0175550e-03	726.40	726.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
434733.00000	3876261.00000	2.1032130e-03	727.00	727.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
435233.00000	3876261.00000	2.1780380e-03	727.90	727.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
435733.00000	3876261.00000	2.1964690e-03	728.90	728.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
436233.00000	3876261.00000	2.1636560e-03	731.20	731.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
436733.00000	3876261.00000	2.1180580e-03	734.00	734.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
437233.00000	3876261.00000	2.0310790e-03	741.20	741.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
437733.00000	3876261.00000	1.9470720e-03	740.90	740.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
438233.00000	3876261.00000	1.8654050e-03	742.70	742.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
438733.00000	3876261.00000	1.7719390e-03	749.20	749.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
439233.00000	3876261.00000	1.4989960e-03	764.20	801.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
439733.00000	3876261.00000	1.3026470e-03	768.50	801.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
440233.00000	3876261.00000	1.2919560e-03	763.90	763.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
440733.00000	3876261.00000	1.2023180e-03	764.20	764.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
441233.00000	3876261.00000	1.0955300e-03	771.70	771.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
441733.00000	3876261.00000	8.9181210e-04	783.70	783.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
442233.00000	3876261.00000	8.6342520e-04	774.90	812.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
442733.00000	3876261.00000	8.1624360e-04	771.50	771.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
443233.00000	3876261.00000	7.0758410e-04	776.10	776.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
443733.00000	3876261.00000	6.3863340e-04	778.60	778.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
444233.00000	3876261.00000	5.9959440e-04	778.60	778.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
444733.00000	3876261.00000	5.5373520e-04	777.10	777.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
445233.00000	3876261.00000	4.5957230e-04	786.30	786.30	1.20	PERIOD
CARTGRID	00043872	COURSE				

445733.00000	3876261.00000	4.1091210e-04	782.20	782.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
430733.00000	3876761.00000	6.2455530e-04	718.40	718.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
431233.00000	3876761.00000	7.5471230e-04	720.00	720.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
431733.00000	3876761.00000	9.4341150e-04	721.10	721.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
432233.00000	3876761.00000	1.1945600e-03	722.00	722.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
432733.00000	3876761.00000	1.4797800e-03	723.90	723.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
433233.00000	3876761.00000	1.6251230e-03	725.10	725.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
433733.00000	3876761.00000	1.6766430e-03	727.20	727.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
434233.00000	3876761.00000	1.6748880e-03	728.40	728.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
434733.00000	3876761.00000	1.7551880e-03	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
435233.00000	3876761.00000	1.8477200e-03	728.60	728.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
435733.00000	3876761.00000	1.8944550e-03	730.90	730.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
436233.00000	3876761.00000	1.8848470e-03	734.30	734.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
436733.00000	3876761.00000	1.8759970e-03	737.10	737.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
437233.00000	3876761.00000	1.8086530e-03	746.60	746.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
437733.00000	3876761.00000	1.7113020e-03	750.90	750.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
438233.00000	3876761.00000	1.6552480e-03	746.40	746.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
438733.00000	3876761.00000	1.5685250e-03	749.80	749.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
439233.00000	3876761.00000	1.4131070e-03	756.10	756.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
439733.00000	3876761.00000	1.2176080e-03	763.40	763.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
440233.00000	3876761.00000	1.0533980e-03	774.20	774.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
440733.00000	3876761.00000	1.0362920e-03	769.30	769.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
441233.00000	3876761.00000	9.8951730e-04	768.10	768.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
441733.00000	3876761.00000	8.7380000e-04	770.50	770.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
442233.00000	3876761.00000	7.7638960e-04	773.50	773.50	1.20	PERIOD
CARTGRID	00043872	COURSE				

442733.00000	3876761.00000	7.1455770e-04	776.40	776.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
443233.00000	3876761.00000	6.2545850e-04	780.90	780.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
443733.00000	3876761.00000	5.5789900e-04	785.90	785.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
444233.00000	3876761.00000	5.3201550e-04	785.80	785.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
444733.00000	3876761.00000	5.1124140e-04	783.30	783.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
445233.00000	3876761.00000	4.6116200e-04	786.30	786.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
445733.00000	3876761.00000	4.1229410e-04	786.10	786.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
430733.00000	3877261.00000	6.2156740e-04	720.50	720.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
431233.00000	3877261.00000	7.5099970e-04	722.10	722.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
431733.00000	3877261.00000	9.1436240e-04	723.60	723.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
432233.00000	3877261.00000	1.1139390e-03	724.20	724.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
432733.00000	3877261.00000	1.3333580e-03	725.40	725.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
433233.00000	3877261.00000	1.4180370e-03	727.40	727.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
433733.00000	3877261.00000	1.4618950e-03	729.20	729.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
434233.00000	3877261.00000	1.4602280e-03	731.50	731.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
434733.00000	3877261.00000	1.5248780e-03	732.30	732.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
435233.00000	3877261.00000	1.6195590e-03	732.40	732.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
435733.00000	3877261.00000	1.6733810e-03	733.50	733.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
436233.00000	3877261.00000	1.6619340e-03	736.20	736.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
436733.00000	3877261.00000	1.6478350e-03	738.80	738.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
437233.00000	3877261.00000	1.6388810e-03	737.60	737.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
437733.00000	3877261.00000	1.5643390e-03	749.00	749.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
438233.00000	3877261.00000	1.4843110e-03	749.60	749.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
438733.00000	3877261.00000	1.3914800e-03	753.70	753.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
439233.00000	3877261.00000	1.2553160e-03	757.30	757.30	1.20	PERIOD
CARTGRID	00043872	COURSE				

439733.00000	3877261.00000	1.1121530e-03	762.80	762.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
440233.00000	3877261.00000	1.0227240e-03	765.40	765.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
440733.00000	3877261.00000	9.0781310e-04	774.30	774.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
441233.00000	3877261.00000	8.4909770e-04	775.60	775.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
441733.00000	3877261.00000	7.5631520e-04	775.20	775.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
442233.00000	3877261.00000	6.7101380e-04	778.70	778.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
442733.00000	3877261.00000	6.1387800e-04	783.50	783.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
443233.00000	3877261.00000	5.3898580e-04	789.40	789.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
443733.00000	3877261.00000	4.7988750e-04	794.50	794.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
444233.00000	3877261.00000	4.5685440e-04	795.90	795.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
444733.00000	3877261.00000	4.6108470e-04	789.40	789.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
445233.00000	3877261.00000	4.3091290e-04	790.70	790.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
445733.00000	3877261.00000	3.9677110e-04	791.70	791.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
430733.00000	3877761.00000	6.2935250e-04	723.00	723.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
431233.00000	3877761.00000	7.4655000e-04	725.50	725.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
431733.00000	3877761.00000	8.8559460e-04	726.30	726.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
432233.00000	3877761.00000	1.0554960e-03	726.50	726.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
432733.00000	3877761.00000	1.2270300e-03	727.60	727.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
433233.00000	3877761.00000	1.2714040e-03	729.00	729.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
433733.00000	3877761.00000	1.3049950e-03	732.50	732.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
434233.00000	3877761.00000	1.3173800e-03	733.40	733.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
434733.00000	3877761.00000	1.3715990e-03	733.30	733.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
435233.00000	3877761.00000	1.4506290e-03	733.30	733.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
435733.00000	3877761.00000	1.5008190e-03	735.90	735.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
436233.00000	3877761.00000	1.4865030e-03	740.40	740.40	1.20	PERIOD
CARTGRID	00043872	COURSE				



436733.00000	3877761.00000	1.3284880e-03	680.00	795.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
437233.00000	3877761.00000	1.2581720e-03	616.00	797.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
437733.00000	3877761.00000	1.2675010e-03	666.00	780.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
438233.00000	3877761.00000	1.3259500e-03	752.90	752.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
438733.00000	3877761.00000	1.2411790e-03	755.90	755.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
439233.00000	3877761.00000	1.1081680e-03	762.00	762.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
439733.00000	3877761.00000	9.9897430e-04	766.00	766.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
440233.00000	3877761.00000	8.7709720e-04	773.40	773.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
440733.00000	3877761.00000	7.7696620e-04	782.90	782.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
441233.00000	3877761.00000	7.4369410e-04	781.00	781.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
441733.00000	3877761.00000	6.5613340e-04	781.40	781.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
442233.00000	3877761.00000	5.7093880e-04	787.60	787.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
442733.00000	3877761.00000	5.1656380e-04	794.30	794.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
443233.00000	3877761.00000	4.5131110e-04	802.10	802.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
443733.00000	3877761.00000	4.1175880e-04	804.30	804.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
444233.00000	3877761.00000	3.9212920e-04	805.20	805.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
444733.00000	3877761.00000	4.0139230e-04	798.30	798.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
445233.00000	3877761.00000	3.8696810e-04	798.20	798.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
445733.00000	3877761.00000	3.6864100e-04	796.70	796.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
430733.00000	3878261.00000	6.3216120e-04	725.30	725.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
431233.00000	3878261.00000	7.3893980e-04	728.10	728.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
431733.00000	3878261.00000	8.5303910e-04	730.00	730.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
432233.00000	3878261.00000	1.0089630e-03	729.30	729.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
432733.00000	3878261.00000	1.1274760e-03	730.00	730.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
433233.00000	3878261.00000	1.1632270e-03	731.30	731.30	1.20	PERIOD
CARTGRID	00043872	COURSE				

433733.00000	3878261.00000	1.1952660e-03	734.00	734.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
434233.00000	3878261.00000	1.2087010e-03	735.70	735.70	1.20	PERIOD
CARTGRID 00043872 COURSE						
434733.00000	3878261.00000	1.2552410e-03	736.40	736.40	1.20	PERIOD
CARTGRID 00043872 COURSE						
435233.00000	3878261.00000	1.2206730e-03	753.10	753.10	1.20	PERIOD
CARTGRID 00043872 COURSE						
435733.00000	3878261.00000	1.3067530e-03	748.40	764.70	1.20	PERIOD
CARTGRID 00043872 COURSE						
436233.00000	3878261.00000	1.0947020e-03	771.60	771.60	1.20	PERIOD
CARTGRID 00043872 COURSE						
436733.00000	3878261.00000	1.2932950e-03	749.70	749.70	1.20	PERIOD
CARTGRID 00043872 COURSE						
437233.00000	3878261.00000	1.3074350e-03	727.00	788.20	1.20	PERIOD
CARTGRID 00043872 COURSE						
437733.00000	3878261.00000	1.2766610e-03	731.70	774.20	1.20	PERIOD
CARTGRID 00043872 COURSE						
438233.00000	3878261.00000	1.1811440e-03	756.20	756.20	1.20	PERIOD
CARTGRID 00043872 COURSE						
438733.00000	3878261.00000	1.0881890e-03	761.40	761.40	1.20	PERIOD
CARTGRID 00043872 COURSE						
439233.00000	3878261.00000	9.7447500e-04	766.60	789.40	1.20	PERIOD
CARTGRID 00043872 COURSE						
439733.00000	3878261.00000	8.8575910e-04	770.80	770.80	1.20	PERIOD
CARTGRID 00043872 COURSE						
440233.00000	3878261.00000	8.0844750e-04	773.80	773.80	1.20	PERIOD
CARTGRID 00043872 COURSE						
440733.00000	3878261.00000	7.4884070e-04	779.30	779.30	1.20	PERIOD
CARTGRID 00043872 COURSE						
441233.00000	3878261.00000	6.6155530e-04	785.40	785.40	1.20	PERIOD
CARTGRID 00043872 COURSE						
441733.00000	3878261.00000	5.6266350e-04	790.30	790.30	1.20	PERIOD
CARTGRID 00043872 COURSE						
442233.00000	3878261.00000	4.9867340e-04	795.20	795.20	1.20	PERIOD
CARTGRID 00043872 COURSE						
442733.00000	3878261.00000	4.4292100e-04	804.40	804.40	1.20	PERIOD
CARTGRID 00043872 COURSE						
443233.00000	3878261.00000	3.7210460e-04	820.00	820.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
443733.00000	3878261.00000	3.6863300e-04	810.70	810.70	1.20	PERIOD
CARTGRID 00043872 COURSE						
444233.00000	3878261.00000	3.4581810e-04	814.00	814.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
444733.00000	3878261.00000	3.4699490e-04	808.00	808.00	1.20	PERIOD
CARTGRID 00043872 COURSE						
445233.00000	3878261.00000	3.4514260e-04	805.10	805.10	1.20	PERIOD
CARTGRID 00043872 COURSE						
445733.00000	3878261.00000	3.3912340e-04	801.00	801.00	1.20	PERIOD
CARTGRID 00043872 COURSE						

430733.00000	3878761.00000	6.3211410e-04	725.80	750.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
431233.00000	3878761.00000	7.2785780e-04	729.60	729.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
431733.00000	3878761.00000	8.2546300e-04	732.10	732.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
432233.00000	3878761.00000	9.6144670e-04	732.60	732.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
432733.00000	3878761.00000	1.0454020e-03	732.60	732.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
433233.00000	3878761.00000	1.0767730e-03	734.30	753.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
433733.00000	3878761.00000	1.1120150e-03	734.30	734.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
434233.00000	3878761.00000	1.1258220e-03	737.60	737.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
434733.00000	3878761.00000	1.1719310e-03	737.60	737.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
435233.00000	3878761.00000	1.1986080e-03	740.70	765.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
435733.00000	3878761.00000	1.0940780e-03	761.90	761.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
436233.00000	3878761.00000	9.6073700e-04	778.00	795.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
436733.00000	3878761.00000	1.0094740e-03	774.00	795.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
437233.00000	3878761.00000	9.7231290e-04	778.10	780.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
437733.00000	3878761.00000	1.0239890e-03	768.80	777.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
438233.00000	3878761.00000	1.0428580e-03	761.40	761.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
438733.00000	3878761.00000	9.5147550e-04	767.50	767.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
439233.00000	3878761.00000	8.4015010e-04	774.20	774.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
439733.00000	3878761.00000	7.7778940e-04	776.00	776.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
440233.00000	3878761.00000	7.0574640e-04	780.80	780.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
440733.00000	3878761.00000	6.6236960e-04	785.60	785.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
441233.00000	3878761.00000	5.9085630e-04	789.90	789.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
441733.00000	3878761.00000	5.0467300e-04	795.40	795.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
442233.00000	3878761.00000	4.3209870e-04	804.40	935.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
442733.00000	3878761.00000	3.5772890e-04	825.40	935.70	1.20	PERIOD
CARTGRID	00043872	COURSE				

443233.00000	3878761.00000	3.2308250e-04	835.30	935.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
443733.00000	3878761.00000	3.4006620e-04	814.00	935.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
444233.00000	3878761.00000	3.1827830e-04	818.80	818.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
444733.00000	3878761.00000	3.0803100e-04	816.90	816.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
445233.00000	3878761.00000	3.0533710e-04	813.90	813.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
445733.00000	3878761.00000	3.0800180e-04	807.50	807.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
430733.00000	3879261.00000	6.2740160e-04	730.50	730.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
431233.00000	3879261.00000	6.8453180e-04	744.90	798.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
431733.00000	3879261.00000	7.7263590e-04	743.90	762.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
432233.00000	3879261.00000	9.1347540e-04	734.60	734.60	1.20	PERIOD
CARTGRID	00043872	COURSE				
432733.00000	3879261.00000	9.8066150e-04	734.90	734.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
433233.00000	3879261.00000	1.0138170e-03	737.10	737.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
433733.00000	3879261.00000	9.9816740e-04	746.00	753.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
434233.00000	3879261.00000	1.0547360e-03	738.90	738.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
434733.00000	3879261.00000	1.0933370e-03	741.00	741.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
435233.00000	3879261.00000	1.1150650e-03	740.90	740.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
435733.00000	3879261.00000	1.1312810e-03	743.80	767.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
436233.00000	3879261.00000	9.1254820e-04	778.00	778.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
436733.00000	3879261.00000	8.4359200e-04	789.80	789.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
437233.00000	3879261.00000	8.1303950e-04	792.10	792.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
437733.00000	3879261.00000	9.9246870e-04	762.50	783.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
438233.00000	3879261.00000	8.8705830e-04	771.20	779.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
438733.00000	3879261.00000	8.6713790e-04	768.70	768.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
439233.00000	3879261.00000	7.7134950e-04	774.40	774.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
439733.00000	3879261.00000	6.8834560e-04	780.20	780.20	1.20	PERIOD
CARTGRID	00043872	COURSE				

440233.00000	3879261.00000	6.2720690e-04	786.50	786.50	1.20	PERIOD
CARTGRID	00043872	COURSE				
440733.00000	3879261.00000	5.8598330e-04	791.90	791.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
441233.00000	3879261.00000	5.1010070e-04	797.90	797.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
441733.00000	3879261.00000	4.4734640e-04	802.40	802.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
442233.00000	3879261.00000	3.7363990e-04	817.70	939.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
442733.00000	3879261.00000	3.1713550e-04	840.80	939.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
443233.00000	3879261.00000	3.1622740e-04	829.40	939.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
443733.00000	3879261.00000	3.0885130e-04	822.70	939.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
444233.00000	3879261.00000	2.8780300e-04	829.20	829.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
444733.00000	3879261.00000	2.8230390e-04	823.90	823.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
445233.00000	3879261.00000	2.8129120e-04	818.10	818.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
445733.00000	3879261.00000	2.7987010e-04	814.30	814.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
430733.00000	3879761.00000	6.0562990e-04	744.00	744.00	1.20	PERIOD
CARTGRID	00043872	COURSE				
431233.00000	3879761.00000	5.6450980e-04	779.70	798.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
431733.00000	3879761.00000	7.3575630e-04	750.30	798.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
432233.00000	3879761.00000	8.6643740e-04	737.30	737.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
432733.00000	3879761.00000	9.2841070e-04	737.90	737.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
433233.00000	3879761.00000	9.6054910e-04	739.30	739.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
433733.00000	3879761.00000	9.5591410e-04	743.20	743.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
434233.00000	3879761.00000	9.8500970e-04	743.10	743.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
434733.00000	3879761.00000	9.9644720e-04	749.90	779.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
435233.00000	3879761.00000	1.0424790e-03	743.40	743.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
435733.00000	3879761.00000	1.0478480e-03	746.10	746.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
436233.00000	3879761.00000	1.0124440e-03	755.60	772.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
436733.00000	3879761.00000	9.8980140e-04	757.60	789.40	1.20	PERIOD
CARTGRID	00043872	COURSE				

437233.00000	3879761.00000	9.8375070e-04	755.90	783.30	1.20	PERIOD
CARTGRID	00043872	COURSE				
437733.00000	3879761.00000	9.3974170e-04	759.70	759.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
438233.00000	3879761.00000	8.7065940e-04	765.40	765.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
438733.00000	3879761.00000	7.8770690e-04	771.40	771.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
439233.00000	3879761.00000	7.0402510e-04	775.90	775.90	1.20	PERIOD
CARTGRID	00043872	COURSE				
439733.00000	3879761.00000	6.2570540e-04	782.20	782.20	1.20	PERIOD
CARTGRID	00043872	COURSE				
440233.00000	3879761.00000	5.7686870e-04	788.80	788.80	1.20	PERIOD
CARTGRID	00043872	COURSE				
440733.00000	3879761.00000	5.3273400e-04	795.40	795.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
441233.00000	3879761.00000	4.5816420e-04	802.10	802.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
441733.00000	3879761.00000	4.0247240e-04	807.40	807.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
442233.00000	3879761.00000	3.3865140e-04	825.10	939.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
442733.00000	3879761.00000	2.8821590e-04	855.30	939.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
443233.00000	3879761.00000	2.5865260e-04	882.50	939.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
443733.00000	3879761.00000	2.8204670e-04	831.70	939.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
444233.00000	3879761.00000	2.6042880e-04	841.70	841.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
444733.00000	3879761.00000	2.6017240e-04	833.10	833.10	1.20	PERIOD
CARTGRID	00043872	COURSE				
445233.00000	3879761.00000	2.5610090e-04	828.40	828.40	1.20	PERIOD
CARTGRID	00043872	COURSE				
445733.00000	3879761.00000	2.5711340e-04	820.70	820.70	1.20	PERIOD
CARTGRID	00043872	COURSE				
435850.40000	3873157.00000	1.7246890e-02	730.00	730.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435900.40000	3873157.00000	2.1931340e-02	731.00	731.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435950.40000	3873157.00000	2.3807090e-02	731.00	731.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436000.40000	3873157.00000	2.5122560e-02	731.30	731.30	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436050.40000	3873157.00000	2.6422710e-02	732.00	732.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436100.40000	3873157.00000	2.7087750e-02	732.10	732.10	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436150.40000	3873157.00000	2.8367580e-02	733.00	733.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				

436200.40000	3873157.00000	2.8748820e-02	733.20	733.20	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436250.40000	3873157.00000	2.9255450e-02	734.00	734.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436300.40000	3873157.00000	2.9490370e-02	734.00	734.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436350.40000	3873157.00000	3.0377420e-02	735.00	735.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436400.40000	3873157.00000	3.0710730e-02	735.10	735.10	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436450.40000	3873157.00000	3.2634670e-02	736.00	736.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436500.40000	3873157.00000	3.2749410e-02	736.00	736.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436550.40000	3873157.00000	3.0664020e-02	736.40	736.40	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436600.40000	3873157.00000	2.9057230e-02	737.00	737.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436650.40000	3873157.00000	2.8702180e-02	737.20	737.20	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436700.40000	3873157.00000	2.6093560e-02	738.00	738.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436750.40000	3873157.00000	2.6151010e-02	738.00	738.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436800.40000	3873157.00000	2.6197610e-02	738.00	738.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436850.40000	3873157.00000	2.6233940e-02	738.00	738.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435850.40000	3873207.00000	1.6208600e-02	730.00	730.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435900.40000	3873207.00000	2.0241060e-02	730.40	730.40	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435950.40000	3873207.00000	2.2191350e-02	731.00	731.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436000.40000	3873207.00000	2.3150700e-02	731.00	731.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436050.40000	3873207.00000	2.4342000e-02	731.90	731.90	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436100.40000	3873207.00000	2.4875220e-02	732.00	732.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436150.40000	3873207.00000	2.5224760e-02	732.00	732.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436200.40000	3873207.00000	2.6338600e-02	732.90	732.90	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436250.40000	3873207.00000	2.6716600e-02	733.80	733.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436300.40000	3873207.00000	2.7003130e-02	734.00	734.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436350.40000	3873207.00000	2.7257550e-02	734.40	734.40	1.20	PERIOD
CARTGRID	00043872	DESERTL				

436400.40000	3873207.00000	2.7971690e-02	735.00	735.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436450.40000	3873207.00000	2.8044220e-02	735.00	735.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436500.40000	3873207.00000	3.0553500e-02	735.90	735.90	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436550.40000	3873207.00000	3.0184480e-02	736.00	736.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436600.40000	3873207.00000	2.7394200e-02	736.60	736.60	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436650.40000	3873207.00000	2.6430770e-02	737.00	737.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436700.40000	3873207.00000	2.5064570e-02	737.80	737.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436750.40000	3873207.00000	2.3738160e-02	738.00	738.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436800.40000	3873207.00000	2.3745220e-02	738.00	738.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436850.40000	3873207.00000	2.3738180e-02	738.00	738.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435850.40000	3873257.00000	1.2482550e-02	730.00	730.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435900.40000	3873257.00000	1.4365230e-02	730.00	730.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435950.40000	3873257.00000	1.5701220e-02	731.00	731.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436000.40000	3873257.00000	1.6381090e-02	731.00	731.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436050.40000	3873257.00000	1.7078790e-02	732.00	732.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436100.40000	3873257.00000	1.7372980e-02	732.00	732.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436150.40000	3873257.00000	1.7583470e-02	732.00	732.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436200.40000	3873257.00000	1.7915810e-02	732.70	732.70	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436250.40000	3873257.00000	1.8068200e-02	733.00	733.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436300.40000	3873257.00000	1.8024300e-02	734.00	734.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436350.40000	3873257.00000	1.8089840e-02	734.00	734.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436400.40000	3873257.00000	1.8057290e-02	734.40	734.40	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436450.40000	3873257.00000	1.7970720e-02	735.00	735.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436500.40000	3873257.00000	1.7988290e-02	735.00	735.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436550.40000	3873257.00000	1.7777330e-02	736.00	736.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				



436600.40000	3873257.00000	1.7776750e-02	736.00	736.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436650.40000	3873257.00000	1.7580570e-02	736.70	736.70	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436700.40000	3873257.00000	1.7364270e-02	737.40	737.40	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436750.40000	3873257.00000	1.6835190e-02	738.00	738.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436800.40000	3873257.00000	1.6823960e-02	738.00	738.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436850.40000	3873257.00000	1.6806550e-02	738.00	738.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435850.40000	3873307.00000	1.0528410e-02	729.40	729.40	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435900.40000	3873307.00000	1.1122240e-02	730.00	730.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435950.40000	3873307.00000	1.1721930e-02	730.60	730.60	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436000.40000	3873307.00000	1.2226800e-02	731.20	731.20	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436050.40000	3873307.00000	1.2625930e-02	731.70	731.70	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436100.40000	3873307.00000	1.2898970e-02	731.70	731.70	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436150.40000	3873307.00000	1.3111670e-02	731.70	731.70	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436200.40000	3873307.00000	1.3351720e-02	732.40	732.40	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436250.40000	3873307.00000	1.3509740e-02	732.90	732.90	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436300.40000	3873307.00000	1.3609550e-02	733.40	733.40	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436350.40000	3873307.00000	1.3682620e-02	733.60	733.60	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436400.40000	3873307.00000	1.3738660e-02	733.80	733.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436450.40000	3873307.00000	1.3771700e-02	734.10	734.10	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436500.40000	3873307.00000	1.3783690e-02	734.50	734.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436550.40000	3873307.00000	1.3808950e-02	734.70	734.70	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436600.40000	3873307.00000	1.3782060e-02	735.30	735.30	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436650.40000	3873307.00000	1.3731880e-02	736.00	736.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436700.40000	3873307.00000	1.3669550e-02	736.70	736.70	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436750.40000	3873307.00000	1.3596480e-02	737.40	737.40	1.20	PERIOD
CARTGRID	00043872	DESERTL				

436800.40000	3873307.00000	1.3599610e-02	737.50	737.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436850.40000	3873307.00000	1.3596960e-02	737.60	737.60	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435850.40000	3873357.00000	1.0841840e-02	729.10	729.10	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435900.40000	3873357.00000	1.0364550e-02	729.50	729.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435950.40000	3873357.00000	1.0347040e-02	730.10	730.10	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436000.40000	3873357.00000	1.0507980e-02	730.80	730.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436050.40000	3873357.00000	1.0698670e-02	731.20	731.20	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436100.40000	3873357.00000	1.0882700e-02	731.50	731.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436150.40000	3873357.00000	1.1043420e-02	731.70	731.70	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436200.40000	3873357.00000	1.1211770e-02	732.30	732.30	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436250.40000	3873357.00000	1.1336000e-02	732.70	732.70	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436300.40000	3873357.00000	1.1437430e-02	732.90	732.90	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436350.40000	3873357.00000	1.1516760e-02	733.30	733.30	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436400.40000	3873357.00000	1.1567020e-02	733.60	733.60	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436450.40000	3873357.00000	1.1615590e-02	733.80	733.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436500.40000	3873357.00000	1.1650270e-02	734.10	734.10	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436550.40000	3873357.00000	1.1678840e-02	734.40	734.40	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436600.40000	3873357.00000	1.1694390e-02	734.80	734.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436650.40000	3873357.00000	1.1687830e-02	735.40	735.40	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436700.40000	3873357.00000	1.1663960e-02	736.10	736.10	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436750.40000	3873357.00000	1.1622520e-02	736.90	736.90	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436800.40000	3873357.00000	1.1600760e-02	737.40	737.40	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436850.40000	3873357.00000	1.1602200e-02	737.60	737.60	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435850.40000	3873407.00000	1.3651680e-02	728.80	728.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435900.40000	3873407.00000	1.0538420e-02	729.10	729.10	1.20	PERIOD
CARTGRID	00043872	DESERTL				

435950.40000	3873407.00000	9.8556780e-03	729.60	729.60	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436000.40000	3873407.00000	9.6787200e-03	730.30	730.30	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436050.40000	3873407.00000	9.6661140e-03	730.80	730.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436100.40000	3873407.00000	9.7253200e-03	731.30	731.30	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436150.40000	3873407.00000	9.8136390e-03	731.80	731.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436200.40000	3873407.00000	9.8945390e-03	732.00	732.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436250.40000	3873407.00000	9.9834790e-03	732.40	732.40	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436300.40000	3873407.00000	1.0056190e-02	732.70	732.70	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436350.40000	3873407.00000	1.0121310e-02	732.90	732.90	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436400.40000	3873407.00000	1.0177310e-02	733.20	733.20	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436450.40000	3873407.00000	1.0215620e-02	733.60	733.60	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436500.40000	3873407.00000	1.0250740e-02	733.90	733.90	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436550.40000	3873407.00000	1.0286630e-02	734.10	734.10	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436600.40000	3873407.00000	1.0317820e-02	734.30	734.30	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436650.40000	3873407.00000	1.0317810e-02	735.00	735.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436700.40000	3873407.00000	1.0316870e-02	735.60	735.60	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436750.40000	3873407.00000	1.0297410e-02	736.40	736.40	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436800.40000	3873407.00000	1.0291860e-02	736.90	736.90	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436850.40000	3873407.00000	1.0302590e-02	737.10	737.10	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435850.40000	3873457.00000	1.4739150e-02	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435900.40000	3873457.00000	1.0907340e-02	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435950.40000	3873457.00000	9.7025780e-03	729.00	729.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436000.40000	3873457.00000	9.2295470e-03	729.80	729.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436050.40000	3873457.00000	9.0429060e-03	730.60	730.60	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436100.40000	3873457.00000	8.9789280e-03	731.20	731.20	1.20	PERIOD
CARTGRID	00043872	DESERTL				

436150.40000	3873457.00000	8.9715450e-03	731.60	731.60	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436200.40000	3873457.00000	8.9927670e-03	731.90	731.90	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436250.40000	3873457.00000	9.0227950e-03	732.00	732.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436300.40000	3873457.00000	9.0652730e-03	732.20	732.20	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436350.40000	3873457.00000	9.1169610e-03	732.70	732.70	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436400.40000	3873457.00000	9.1620860e-03	732.90	732.90	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436450.40000	3873457.00000	9.1997540e-03	733.40	733.40	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436500.40000	3873457.00000	9.2298300e-03	733.70	733.70	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436550.40000	3873457.00000	9.2539610e-03	734.10	734.10	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436600.40000	3873457.00000	9.2833000e-03	734.30	734.30	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436650.40000	3873457.00000	9.2979830e-03	734.80	734.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436700.40000	3873457.00000	9.3093640e-03	735.30	735.30	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436750.40000	3873457.00000	9.3129610e-03	735.90	735.90	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436800.40000	3873457.00000	9.3178030e-03	736.40	736.40	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436850.40000	3873457.00000	9.3245890e-03	736.80	736.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435850.40000	3873507.00000	1.5058980e-02	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435900.40000	3873507.00000	1.1159190e-02	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435950.40000	3873507.00000	9.6867450e-03	728.60	728.60	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436000.40000	3873507.00000	8.9832280e-03	729.30	729.30	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436050.40000	3873507.00000	8.6309760e-03	730.20	730.20	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436100.40000	3873507.00000	8.4518380e-03	730.90	730.90	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436150.40000	3873507.00000	8.3660230e-03	731.50	731.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436200.40000	3873507.00000	8.3210780e-03	731.70	731.70	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436250.40000	3873507.00000	8.3029920e-03	731.70	731.70	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436300.40000	3873507.00000	8.3064080e-03	731.70	731.70	1.20	PERIOD
CARTGRID	00043872	DESERTL				

436350.40000	3873507.00000	8.3437190e-03	732.30	732.30	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436400.40000	3873507.00000	8.3773950e-03	732.70	732.70	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436450.40000	3873507.00000	8.4097870e-03	733.20	733.20	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436500.40000	3873507.00000	8.4336660e-03	733.60	733.60	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436550.40000	3873507.00000	8.4554940e-03	734.00	734.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436600.40000	3873507.00000	8.4802730e-03	734.30	734.30	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436650.40000	3873507.00000	8.4977760e-03	734.80	734.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436700.40000	3873507.00000	8.5169120e-03	735.20	735.20	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436750.40000	3873507.00000	8.5376250e-03	735.50	735.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436800.40000	3873507.00000	8.5524750e-03	735.90	735.90	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436850.40000	3873507.00000	8.5646520e-03	736.30	736.30	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435850.40000	3873557.00000	1.5084020e-02	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435900.40000	3873557.00000	1.1268330e-02	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435950.40000	3873557.00000	9.6822360e-03	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436000.40000	3873557.00000	8.8361420e-03	729.10	729.10	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436050.40000	3873557.00000	8.3492960e-03	729.80	729.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436100.40000	3873557.00000	8.0650620e-03	730.50	730.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436150.40000	3873557.00000	7.9025270e-03	731.20	731.20	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436200.40000	3873557.00000	7.7943710e-03	731.20	731.20	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436250.40000	3873557.00000	7.7385610e-03	731.30	731.30	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436300.40000	3873557.00000	7.7277650e-03	731.80	731.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436350.40000	3873557.00000	7.7316750e-03	732.10	732.10	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436400.40000	3873557.00000	7.7515660e-03	732.50	732.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436450.40000	3873557.00000	7.7737550e-03	733.00	733.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436500.40000	3873557.00000	7.7987150e-03	733.30	733.30	1.20	PERIOD
CARTGRID	00043872	DESERTL				

436550.40000	3873557.00000	7.8157850e-03	733.80	733.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436600.40000	3873557.00000	7.8340630e-03	734.30	734.30	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436650.40000	3873557.00000	7.8576830e-03	734.60	734.60	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436700.40000	3873557.00000	7.8856650e-03	734.70	734.70	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436750.40000	3873557.00000	7.9018790e-03	735.20	735.20	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436800.40000	3873557.00000	7.9157580e-03	735.70	735.70	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436850.40000	3873557.00000	7.9355110e-03	735.90	735.90	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435850.40000	3873607.00000	1.4951160e-02	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435900.40000	3873607.00000	1.1271910e-02	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435950.40000	3873607.00000	9.6395190e-03	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436000.40000	3873607.00000	8.7071400e-03	728.90	728.90	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436050.40000	3873607.00000	8.1311420e-03	729.50	729.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436100.40000	3873607.00000	7.7680580e-03	730.20	730.20	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436150.40000	3873607.00000	7.5353050e-03	730.70	730.70	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436200.40000	3873607.00000	7.3848460e-03	730.90	730.90	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436250.40000	3873607.00000	7.3008930e-03	731.30	731.30	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436300.40000	3873607.00000	7.2600860e-03	731.80	731.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436350.40000	3873607.00000	7.2416400e-03	732.10	732.10	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436400.40000	3873607.00000	7.2438640e-03	732.50	732.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436450.40000	3873607.00000	7.2523130e-03	732.70	732.70	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436500.40000	3873607.00000	7.2706210e-03	733.30	733.30	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436550.40000	3873607.00000	7.2830530e-03	733.80	733.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436600.40000	3873607.00000	7.2984690e-03	734.30	734.30	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436650.40000	3873607.00000	7.3250890e-03	734.30	734.30	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436700.40000	3873607.00000	7.3459130e-03	734.60	734.60	1.20	PERIOD
CARTGRID	00043872	DESERTL				

436750.40000	3873607.00000	7.3660460e-03	734.90	734.90	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436800.40000	3873607.00000	7.3848100e-03	735.20	735.20	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436850.40000	3873607.00000	7.3994920e-03	735.60	735.60	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435850.40000	3873657.00000	1.4711640e-02	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435900.40000	3873657.00000	1.1185410e-02	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435950.40000	3873657.00000	9.5405540e-03	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436000.40000	3873657.00000	8.5604670e-03	728.70	728.70	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436050.40000	3873657.00000	7.9321460e-03	729.30	729.30	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436100.40000	3873657.00000	7.5151250e-03	729.80	729.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436150.40000	3873657.00000	7.2397930e-03	730.30	730.30	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436200.40000	3873657.00000	7.0582270e-03	730.70	730.70	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436250.40000	3873657.00000	6.9454250e-03	731.20	731.20	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436300.40000	3873657.00000	6.8737050e-03	731.50	731.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436350.40000	3873657.00000	6.8384580e-03	732.00	732.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436400.40000	3873657.00000	6.8193070e-03	732.20	732.20	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436450.40000	3873657.00000	6.8209050e-03	732.70	732.70	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436500.40000	3873657.00000	6.8279720e-03	733.00	733.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436550.40000	3873657.00000	6.8395510e-03	733.40	733.40	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436600.40000	3873657.00000	6.8512220e-03	733.80	733.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436650.40000	3873657.00000	6.8673760e-03	734.10	734.10	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436700.40000	3873657.00000	6.8847890e-03	734.40	734.40	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436750.40000	3873657.00000	6.9041900e-03	734.60	734.60	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436800.40000	3873657.00000	6.9182940e-03	735.10	735.10	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436850.40000	3873657.00000	6.9344800e-03	735.40	735.40	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435850.40000	3873707.00000	1.4378700e-02	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				

435900.40000	3873707.00000	1.1005190e-02	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435950.40000	3873707.00000	9.3697640e-03	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436000.40000	3873707.00000	8.3808720e-03	728.80	728.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436050.40000	3873707.00000	7.7305240e-03	729.10	729.10	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436100.40000	3873707.00000	7.2908750e-03	729.50	729.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436150.40000	3873707.00000	6.9920270e-03	730.00	730.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436200.40000	3873707.00000	6.7883670e-03	730.50	730.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436250.40000	3873707.00000	6.6512060e-03	731.00	731.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436300.40000	3873707.00000	6.5612050e-03	731.50	731.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436350.40000	3873707.00000	6.5052400e-03	732.00	732.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436400.40000	3873707.00000	6.4687450e-03	732.20	732.20	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436450.40000	3873707.00000	6.4555180e-03	732.70	732.70	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436500.40000	3873707.00000	6.4501420e-03	732.90	732.90	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436550.40000	3873707.00000	6.4533600e-03	733.20	733.20	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436600.40000	3873707.00000	6.4592020e-03	733.60	733.60	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436650.40000	3873707.00000	6.4697480e-03	733.90	733.90	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436700.40000	3873707.00000	6.4802660e-03	734.40	734.40	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436750.40000	3873707.00000	6.4964020e-03	734.60	734.60	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436800.40000	3873707.00000	6.5087990e-03	735.10	735.10	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436850.40000	3873707.00000	6.5261030e-03	735.20	735.20	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435850.40000	3873757.00000	1.3915390e-02	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435900.40000	3873757.00000	1.0701760e-02	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435950.40000	3873757.00000	9.1149470e-03	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436000.40000	3873757.00000	8.1568840e-03	728.60	728.60	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436050.40000	3873757.00000	7.5190340e-03	728.70	728.70	1.20	PERIOD
CARTGRID	00043872	DESERTL				



436100.40000	3873757.00000	7.0812140e-03	729.20	729.20	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436150.40000	3873757.00000	6.7737000e-03	729.80	729.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436200.40000	3873757.00000	6.5540220e-03	730.30	730.30	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436250.40000	3873757.00000	6.4027920e-03	731.00	731.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436300.40000	3873757.00000	6.2943930e-03	731.50	731.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436350.40000	3873757.00000	6.2174690e-03	731.80	731.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436400.40000	3873757.00000	6.1684810e-03	732.20	732.20	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436450.40000	3873757.00000	6.1365130e-03	732.40	732.40	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436500.40000	3873757.00000	6.1220570e-03	732.70	732.70	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436550.40000	3873757.00000	6.1158550e-03	732.90	732.90	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436600.40000	3873757.00000	6.1162770e-03	733.40	733.40	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436650.40000	3873757.00000	6.1211620e-03	733.60	733.60	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436700.40000	3873757.00000	6.1261310e-03	734.20	734.20	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436750.40000	3873757.00000	6.1355760e-03	734.60	734.60	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436800.40000	3873757.00000	6.1497020e-03	734.70	734.70	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436850.40000	3873757.00000	6.1629570e-03	734.90	734.90	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435850.40000	3873807.00000	1.3173770e-02	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435900.40000	3873807.00000	1.0233690e-02	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435950.40000	3873807.00000	8.7893590e-03	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436000.40000	3873807.00000	7.9018850e-03	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436050.40000	3873807.00000	7.2974330e-03	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436100.40000	3873807.00000	6.8701500e-03	728.90	728.90	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436150.40000	3873807.00000	6.5637880e-03	729.60	729.60	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436200.40000	3873807.00000	6.3382220e-03	730.20	730.20	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436250.40000	3873807.00000	6.1738090e-03	730.80	730.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				

436300.40000	3873807.00000	6.0561250e-03	731.50	731.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436350.40000	3873807.00000	5.9651140e-03	731.70	731.70	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436400.40000	3873807.00000	5.9035200e-03	732.10	732.10	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436450.40000	3873807.00000	5.8595860e-03	732.30	732.30	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436500.40000	3873807.00000	5.8329700e-03	732.60	732.60	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436550.40000	3873807.00000	5.8187100e-03	732.80	732.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436600.40000	3873807.00000	5.8111640e-03	733.00	733.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436650.40000	3873807.00000	5.8100820e-03	733.40	733.40	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436700.40000	3873807.00000	5.8104830e-03	733.90	733.90	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436750.40000	3873807.00000	5.8171260e-03	734.10	734.10	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436800.40000	3873807.00000	5.8251970e-03	734.40	734.40	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436850.40000	3873807.00000	5.8360570e-03	734.50	734.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435850.40000	3873857.00000	1.1782660e-02	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435900.40000	3873857.00000	9.5899050e-03	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435950.40000	3873857.00000	8.3811460e-03	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436000.40000	3873857.00000	7.5987340e-03	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436050.40000	3873857.00000	7.0485460e-03	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436100.40000	3873857.00000	6.6434550e-03	728.60	728.60	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436150.40000	3873857.00000	6.3499270e-03	729.40	729.40	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436200.40000	3873857.00000	6.1277660e-03	730.10	730.10	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436250.40000	3873857.00000	5.9595090e-03	730.70	730.70	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436300.40000	3873857.00000	5.8322990e-03	731.20	731.20	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436350.40000	3873857.00000	5.7378080e-03	731.70	731.70	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436400.40000	3873857.00000	5.6648180e-03	731.90	731.90	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436450.40000	3873857.00000	5.6120730e-03	732.10	732.10	1.20	PERIOD
CARTGRID	00043872	DESERTL				

436500.40000	3873857.00000	5.5728970e-03	732.10	732.10	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436550.40000	3873857.00000	5.5516510e-03	732.50	732.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436600.40000	3873857.00000	5.5375120e-03	732.70	732.70	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436650.40000	3873857.00000	5.5312950e-03	733.20	733.20	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436700.40000	3873857.00000	5.5281650e-03	733.50	733.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436750.40000	3873857.00000	5.5280700e-03	733.90	733.90	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436800.40000	3873857.00000	5.5334870e-03	734.00	734.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436850.40000	3873857.00000	5.5402520e-03	734.20	734.20	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435850.40000	3873907.00000	1.0049820e-02	729.80	729.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435900.40000	3873907.00000	8.8170930e-03	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435950.40000	3873907.00000	7.9091920e-03	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436000.40000	3873907.00000	7.2582360e-03	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436050.40000	3873907.00000	6.7772580e-03	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436100.40000	3873907.00000	6.4159250e-03	728.90	728.90	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436150.40000	3873907.00000	6.1376150e-03	729.40	729.40	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436200.40000	3873907.00000	5.9241830e-03	730.10	730.10	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436250.40000	3873907.00000	5.7579480e-03	730.70	730.70	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436300.40000	3873907.00000	5.6288660e-03	731.20	731.20	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436350.40000	3873907.00000	5.5300800e-03	731.70	731.70	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436400.40000	3873907.00000	5.4506930e-03	731.80	731.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436450.40000	3873907.00000	5.3894350e-03	731.80	731.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436500.40000	3873907.00000	5.3450180e-03	731.90	731.90	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436550.40000	3873907.00000	5.3131800e-03	732.00	732.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436600.40000	3873907.00000	5.2961710e-03	732.50	732.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436650.40000	3873907.00000	5.2820730e-03	732.80	732.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				

436700.40000	3873907.00000	5.2747530e-03	733.20	733.20	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436750.40000	3873907.00000	5.2717430e-03	733.40	733.40	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436800.40000	3873907.00000	5.2714330e-03	733.70	733.70	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436850.40000	3873907.00000	5.2751680e-03	733.80	733.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435850.40000	3873957.00000	8.7700890e-03	730.70	734.30	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435900.40000	3873957.00000	8.0463830e-03	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435950.40000	3873957.00000	7.4135510e-03	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436000.40000	3873957.00000	6.9051620e-03	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436050.40000	3873957.00000	6.5016960e-03	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436100.40000	3873957.00000	6.1832110e-03	728.80	728.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436150.40000	3873957.00000	5.9317910e-03	729.40	729.40	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436200.40000	3873957.00000	5.7325980e-03	730.20	730.20	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436250.40000	3873957.00000	5.5719190e-03	730.80	730.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436300.40000	3873957.00000	5.4425130e-03	731.20	731.20	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436350.40000	3873957.00000	5.3397680e-03	731.50	731.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436400.40000	3873957.00000	5.2561480e-03	731.50	731.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436450.40000	3873957.00000	5.1930030e-03	731.70	731.70	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436500.40000	3873957.00000	5.1423840e-03	731.70	731.70	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436550.40000	3873957.00000	5.1037490e-03	731.70	731.70	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436600.40000	3873957.00000	5.0787570e-03	732.00	732.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436650.40000	3873957.00000	5.0639300e-03	732.50	732.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436700.40000	3873957.00000	5.0491160e-03	732.80	732.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436750.40000	3873957.00000	5.0416980e-03	733.00	733.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436800.40000	3873957.00000	5.0390800e-03	733.30	733.30	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436850.40000	3873957.00000	5.0377430e-03	733.60	733.60	1.20	PERIOD
CARTGRID	00043872	DESERTL				

435850.40000	3874007.00000	7.8988420e-03	728.50	734.30	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435900.40000	3874007.00000	7.3829490e-03	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435950.40000	3874007.00000	6.9367120e-03	728.80	728.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436000.40000	3874007.00000	6.5531220e-03	728.80	728.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436050.40000	3874007.00000	6.2293950e-03	728.80	728.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436100.40000	3874007.00000	5.9604370e-03	729.10	729.10	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436150.40000	3874007.00000	5.7347260e-03	729.40	729.40	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436200.40000	3874007.00000	5.5510290e-03	730.10	730.10	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436250.40000	3874007.00000	5.4017670e-03	731.00	731.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436300.40000	3874007.00000	5.2764760e-03	731.50	731.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436350.40000	3874007.00000	5.1707040e-03	731.50	731.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436400.40000	3874007.00000	5.0853350e-03	731.50	731.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436450.40000	3874007.00000	5.0168870e-03	731.50	731.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436500.40000	3874007.00000	4.9621880e-03	731.50	731.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436550.40000	3874007.00000	4.9203140e-03	731.60	731.60	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436600.40000	3874007.00000	4.8891400e-03	731.80	731.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436650.40000	3874007.00000	4.8692010e-03	732.30	732.30	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436700.40000	3874007.00000	4.8528950e-03	732.50	732.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436750.40000	3874007.00000	4.8374800e-03	732.70	732.70	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436800.40000	3874007.00000	4.8306850e-03	733.00	733.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436850.40000	3874007.00000	4.8272520e-03	733.30	733.30	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435850.40000	3874057.00000	7.2122860e-03	728.40	735.20	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435900.40000	3874057.00000	6.8377810e-03	728.60	728.60	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435950.40000	3874057.00000	6.5090920e-03	729.10	729.10	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436000.40000	3874057.00000	6.2172510e-03	729.10	729.10	1.20	PERIOD
CARTGRID	00043872	DESERTL				

436050.40000	3874057.00000	5.9610400e-03	729.10	729.10	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436100.40000	3874057.00000	5.7348890e-03	728.90	728.90	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436150.40000	3874057.00000	5.5391570e-03	729.00	729.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436200.40000	3874057.00000	5.3780110e-03	729.90	729.90	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436250.40000	3874057.00000	5.2435620e-03	731.20	731.20	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436300.40000	3874057.00000	5.1216890e-03	731.50	731.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436350.40000	3874057.00000	5.0159950e-03	731.30	731.30	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436400.40000	3874057.00000	4.9298700e-03	731.30	731.30	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436450.40000	3874057.00000	4.8592440e-03	731.30	731.30	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436500.40000	3874057.00000	4.8036780e-03	731.50	731.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436550.40000	3874057.00000	4.7602130e-03	731.80	731.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436600.40000	3874057.00000	4.7229580e-03	731.80	731.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436650.40000	3874057.00000	4.6946410e-03	731.90	731.90	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436700.40000	3874057.00000	4.6749940e-03	732.20	732.20	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436750.40000	3874057.00000	4.6609290e-03	732.50	732.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436800.40000	3874057.00000	4.6456350e-03	732.70	732.70	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436850.40000	3874057.00000	4.6383990e-03	732.90	732.90	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435850.40000	3874107.00000	6.6566090e-03	731.10	735.20	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435900.40000	3874107.00000	6.3869300e-03	730.30	730.30	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435950.40000	3874107.00000	6.1351390e-03	729.30	729.30	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436000.40000	3874107.00000	5.9068360e-03	729.10	729.10	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436050.40000	3874107.00000	5.6998130e-03	728.80	728.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436100.40000	3874107.00000	5.5137330e-03	728.60	728.60	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436150.40000	3874107.00000	5.3463360e-03	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436200.40000	3874107.00000	5.1989320e-03	728.70	728.70	1.20	PERIOD
CARTGRID	00043872	DESERTL				

436250.40000	3874107.00000	5.0760610e-03	729.60	729.60	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436300.40000	3874107.00000	4.9645360e-03	730.10	730.10	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436350.40000	3874107.00000	4.8598810e-03	729.80	729.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436400.40000	3874107.00000	4.7801010e-03	730.30	730.30	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436450.40000	3874107.00000	4.7138920e-03	730.80	730.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436500.40000	3874107.00000	4.6603610e-03	731.40	731.40	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436550.40000	3874107.00000	4.6121680e-03	731.50	731.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436600.40000	3874107.00000	4.5708780e-03	731.40	731.40	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436650.40000	3874107.00000	4.5390730e-03	731.50	731.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436700.40000	3874107.00000	4.5158990e-03	731.80	731.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436750.40000	3874107.00000	4.4980520e-03	732.10	732.10	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436800.40000	3874107.00000	4.4838810e-03	732.30	732.30	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436850.40000	3874107.00000	4.4747690e-03	732.60	732.60	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435850.40000	3874157.00000	6.2142260e-03	731.80	731.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435900.40000	3874157.00000	6.0108070e-03	729.80	729.80	1.20	PERIOD
CARTGRID	00043872	DESERTL				
435950.40000	3874157.00000	5.8071780e-03	728.90	728.90	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436000.40000	3874157.00000	5.6218800e-03	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436050.40000	3874157.00000	5.4557590e-03	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436100.40000	3874157.00000	5.3041910e-03	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436150.40000	3874157.00000	5.1647610e-03	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436200.40000	3874157.00000	5.0360380e-03	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436250.40000	3874157.00000	4.9187090e-03	728.60	728.60	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436300.40000	3874157.00000	4.8098500e-03	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436350.40000	3874157.00000	4.7139720e-03	728.50	728.50	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436400.40000	3874157.00000	4.6357710e-03	728.90	728.90	1.20	PERIOD
CARTGRID	00043872	DESERTL				

436450.40000	3874157.00000	4.5779510e-03	730.00	730.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436500.40000	3874157.00000	4.5282460e-03	731.00	731.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436550.40000	3874157.00000	4.4782720e-03	731.10	731.10	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436600.40000	3874157.00000	4.4337030e-03	730.90	730.90	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436650.40000	3874157.00000	4.4034470e-03	731.40	731.40	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436700.40000	3874157.00000	4.3762200e-03	731.60	731.60	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436750.40000	3874157.00000	4.3570590e-03	732.10	732.10	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436800.40000	3874157.00000	4.3371000e-03	732.00	732.00	1.20	PERIOD
CARTGRID	00043872	DESERTL				
436850.40000	3874157.00000	4.3231600e-03	732.10	732.10	1.20	PERIOD
CARTGRID	00043872	DESERTL				
439957.60000	3872557.00000	2.2915820e-02	755.00	755.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440007.60000	3872557.00000	2.2247830e-02	755.60	755.60	1.20	PERIOD
CARTGRID	00043872	BORON				
440057.60000	3872557.00000	2.1814940e-02	756.00	756.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440107.60000	3872557.00000	2.1396950e-02	756.00	756.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440157.60000	3872557.00000	2.0996630e-02	756.00	756.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440207.60000	3872557.00000	2.0612360e-02	756.00	756.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440257.60000	3872557.00000	2.0233650e-02	756.00	756.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440307.60000	3872557.00000	1.9859280e-02	756.00	756.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440357.60000	3872557.00000	1.9498420e-02	756.10	756.10	1.20	PERIOD
CARTGRID	00043872	BORON				
440407.60000	3872557.00000	1.9137100e-02	756.30	756.30	1.20	PERIOD
CARTGRID	00043872	BORON				
440457.60000	3872557.00000	1.8775770e-02	757.00	757.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440507.60000	3872557.00000	1.8284080e-02	757.10	757.10	1.20	PERIOD
CARTGRID	00043872	BORON				
440557.60000	3872557.00000	1.7657370e-02	757.30	757.30	1.20	PERIOD
CARTGRID	00043872	BORON				
440607.60000	3872557.00000	1.6675840e-02	757.30	757.30	1.20	PERIOD
CARTGRID	00043872	BORON				
440657.60000	3872557.00000	1.4876240e-02	757.30	757.30	1.20	PERIOD
CARTGRID	00043872	BORON				
440707.60000	3872557.00000	1.1633100e-02	757.30	757.30	1.20	PERIOD
CARTGRID	00043872	BORON				



440757.60000	3872557.00000	9.0913790e-03	757.30	757.30	1.20	PERIOD
CARTGRID	00043872	BORON				
440807.60000	3872557.00000	7.5541000e-03	757.50	757.50	1.20	PERIOD
CARTGRID	00043872	BORON				
440857.60000	3872557.00000	6.5758930e-03	758.00	758.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440907.60000	3872557.00000	5.9299360e-03	758.00	758.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440957.60000	3872557.00000	5.4970840e-03	758.00	758.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441007.60000	3872557.00000	5.2114620e-03	758.00	758.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441057.60000	3872557.00000	5.0377940e-03	758.00	758.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441107.60000	3872557.00000	4.9552610e-03	758.10	758.10	1.20	PERIOD
CARTGRID	00043872	BORON				
441157.60000	3872557.00000	4.9538040e-03	758.30	758.30	1.20	PERIOD
CARTGRID	00043872	BORON				
441207.60000	3872557.00000	5.0278200e-03	759.00	759.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441257.60000	3872557.00000	5.1635910e-03	759.00	759.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441307.60000	3872557.00000	5.3306130e-03	759.00	759.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441357.60000	3872557.00000	5.5561720e-03	759.20	759.20	1.20	PERIOD
CARTGRID	00043872	BORON				
441407.60000	3872557.00000	5.8974300e-03	759.50	759.50	1.20	PERIOD
CARTGRID	00043872	BORON				
441457.60000	3872557.00000	6.4059300e-03	760.00	760.00	1.20	PERIOD
CARTGRID	00043872	BORON				
439957.60000	3872607.00000	2.6039910e-02	754.00	754.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440007.60000	3872607.00000	2.5613340e-02	754.80	754.80	1.20	PERIOD
CARTGRID	00043872	BORON				
440057.60000	3872607.00000	2.5431820e-02	755.20	755.20	1.20	PERIOD
CARTGRID	00043872	BORON				
440107.60000	3872607.00000	2.5457790e-02	755.60	755.60	1.20	PERIOD
CARTGRID	00043872	BORON				
440157.60000	3872607.00000	2.5131880e-02	755.60	755.60	1.20	PERIOD
CARTGRID	00043872	BORON				
440207.60000	3872607.00000	2.4241770e-02	755.00	755.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440257.60000	3872607.00000	2.4507240e-02	755.60	755.60	1.20	PERIOD
CARTGRID	00043872	BORON				
440307.60000	3872607.00000	2.4198780e-02	755.60	755.60	1.20	PERIOD
CARTGRID	00043872	BORON				
440357.60000	3872607.00000	2.4002220e-02	755.70	755.70	1.20	PERIOD
CARTGRID	00043872	BORON				
440407.60000	3872607.00000	2.3794260e-02	756.00	756.00	1.20	PERIOD
CARTGRID	00043872	BORON				

440457.60000	3872607.00000	2.3468120e-02	756.40	756.40	1.20	PERIOD
CARTGRID	00043872	BORON				
440507.60000	3872607.00000	2.3034550e-02	756.60	756.60	1.20	PERIOD
CARTGRID	00043872	BORON				
440557.60000	3872607.00000	2.2402500e-02	756.60	756.60	1.20	PERIOD
CARTGRID	00043872	BORON				
440607.60000	3872607.00000	2.1433860e-02	756.60	756.60	1.20	PERIOD
CARTGRID	00043872	BORON				
440657.60000	3872607.00000	1.9471670e-02	756.60	756.60	1.20	PERIOD
CARTGRID	00043872	BORON				
440707.60000	3872607.00000	1.3325370e-02	756.60	756.60	1.20	PERIOD
CARTGRID	00043872	BORON				
440757.60000	3872607.00000	9.0751470e-03	756.60	756.60	1.20	PERIOD
CARTGRID	00043872	BORON				
440807.60000	3872607.00000	7.4993410e-03	757.00	757.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440857.60000	3872607.00000	6.5476200e-03	757.00	757.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440907.60000	3872607.00000	5.9081120e-03	757.00	757.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440957.60000	3872607.00000	5.4649940e-03	757.20	757.20	1.20	PERIOD
CARTGRID	00043872	BORON				
441007.60000	3872607.00000	5.1577960e-03	757.60	757.60	1.20	PERIOD
CARTGRID	00043872	BORON				
441057.60000	3872607.00000	4.9546590e-03	757.80	757.80	1.20	PERIOD
CARTGRID	00043872	BORON				
441107.60000	3872607.00000	4.8356350e-03	758.00	758.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441157.60000	3872607.00000	4.7923620e-03	758.00	758.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441207.60000	3872607.00000	4.8183840e-03	758.00	758.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441257.60000	3872607.00000	4.8987040e-03	758.00	758.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441307.60000	3872607.00000	5.0108230e-03	758.60	758.60	1.20	PERIOD
CARTGRID	00043872	BORON				
441357.60000	3872607.00000	5.1718870e-03	758.60	758.60	1.20	PERIOD
CARTGRID	00043872	BORON				
441407.60000	3872607.00000	5.4109700e-03	759.00	759.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441457.60000	3872607.00000	5.7355430e-03	759.60	759.60	1.20	PERIOD
CARTGRID	00043872	BORON				
439957.60000	3872657.00000	2.7400400e-02	753.90	753.90	1.20	PERIOD
CARTGRID	00043872	BORON				
440007.60000	3872657.00000	2.6681490e-02	754.00	754.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440057.60000	3872657.00000	2.6117750e-02	754.00	754.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440107.60000	3872657.00000	2.6239890e-02	754.90	754.90	1.20	PERIOD
CARTGRID	00043872	BORON				

440157.60000	3872657.00000	2.5866050e-02	754.90	754.90	1.20	PERIOD
CARTGRID	00043872	BORON				
440207.60000	3872657.00000	2.5525220e-02	754.90	754.90	1.20	PERIOD
CARTGRID	00043872	BORON				
440257.60000	3872657.00000	2.5204180e-02	754.90	754.90	1.20	PERIOD
CARTGRID	00043872	BORON				
440307.60000	3872657.00000	2.4971650e-02	755.00	755.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440357.60000	3872657.00000	2.4633390e-02	755.00	755.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440407.60000	3872657.00000	2.5117750e-02	755.90	755.90	1.20	PERIOD
CARTGRID	00043872	BORON				
440457.60000	3872657.00000	2.4615120e-02	756.00	756.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440507.60000	3872657.00000	2.3944590e-02	756.00	756.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440557.60000	3872657.00000	2.3191030e-02	756.00	756.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440607.60000	3872657.00000	2.2172510e-02	756.00	756.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440657.60000	3872657.00000	2.0185430e-02	756.00	756.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440707.60000	3872657.00000	1.3812780e-02	756.00	756.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440757.60000	3872657.00000	8.9824920e-03	756.00	756.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440807.60000	3872657.00000	7.3292360e-03	756.00	756.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440857.60000	3872657.00000	6.4253560e-03	756.00	756.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440907.60000	3872657.00000	5.8239780e-03	756.00	756.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440957.60000	3872657.00000	5.3928390e-03	756.90	756.90	1.20	PERIOD
CARTGRID	00043872	BORON				
441007.60000	3872657.00000	5.0827770e-03	757.00	757.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441057.60000	3872657.00000	4.8650330e-03	757.00	757.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441107.60000	3872657.00000	4.7238020e-03	757.00	757.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441157.60000	3872657.00000	4.6486730e-03	757.90	757.90	1.20	PERIOD
CARTGRID	00043872	BORON				
441207.60000	3872657.00000	4.6401890e-03	757.90	757.90	1.20	PERIOD
CARTGRID	00043872	BORON				
441257.60000	3872657.00000	4.6797420e-03	758.00	758.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441307.60000	3872657.00000	4.7483070e-03	758.00	758.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441357.60000	3872657.00000	4.8554650e-03	758.00	758.00	1.20	PERIOD
CARTGRID	00043872	BORON				

441407.60000	3872657.00000	5.0170140e-03	758.20	758.20	1.20	PERIOD
CARTGRID	00043872	BORON				
441457.60000	3872657.00000	5.2286820e-03	759.00	759.00	1.20	PERIOD
CARTGRID	00043872	BORON				
439957.60000	3872707.00000	2.5955900e-02	753.00	753.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440007.60000	3872707.00000	2.5049840e-02	753.30	753.30	1.20	PERIOD
CARTGRID	00043872	BORON				
440057.60000	3872707.00000	2.4462510e-02	753.50	753.50	1.20	PERIOD
CARTGRID	00043872	BORON				
440107.60000	3872707.00000	2.4122410e-02	754.00	754.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440157.60000	3872707.00000	2.3723460e-02	754.00	754.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440207.60000	3872707.00000	2.3371730e-02	754.00	754.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440257.60000	3872707.00000	2.3045710e-02	754.00	754.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440307.60000	3872707.00000	2.2889550e-02	754.30	754.30	1.20	PERIOD
CARTGRID	00043872	BORON				
440357.60000	3872707.00000	2.3016470e-02	755.00	755.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440407.60000	3872707.00000	2.2611330e-02	755.00	755.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440457.60000	3872707.00000	2.2159670e-02	755.30	755.30	1.20	PERIOD
CARTGRID	00043872	BORON				
440507.60000	3872707.00000	1.9996400e-02	755.30	755.30	1.20	PERIOD
CARTGRID	00043872	BORON				
440557.60000	3872707.00000	1.7823500e-02	755.30	755.30	1.20	PERIOD
CARTGRID	00043872	BORON				
440607.60000	3872707.00000	1.6652630e-02	755.30	755.30	1.20	PERIOD
CARTGRID	00043872	BORON				
440657.60000	3872707.00000	1.5008730e-02	755.30	755.30	1.20	PERIOD
CARTGRID	00043872	BORON				
440707.60000	3872707.00000	1.1307870e-02	755.30	755.30	1.20	PERIOD
CARTGRID	00043872	BORON				
440757.60000	3872707.00000	8.4245960e-03	755.70	755.70	1.20	PERIOD
CARTGRID	00043872	BORON				
440807.60000	3872707.00000	7.0413070e-03	756.00	756.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440857.60000	3872707.00000	6.2254760e-03	756.00	756.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440907.60000	3872707.00000	5.6726850e-03	756.00	756.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440957.60000	3872707.00000	5.2727930e-03	756.00	756.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441007.60000	3872707.00000	4.9761150e-03	756.30	756.30	1.20	PERIOD
CARTGRID	00043872	BORON				
441057.60000	3872707.00000	4.7598600e-03	756.30	756.30	1.20	PERIOD
CARTGRID	00043872	BORON				

441107.60000	3872707.00000	4.6084450e-03	757.00	757.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441157.60000	3872707.00000	4.5197290e-03	757.00	757.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441207.60000	3872707.00000	4.4872370e-03	757.00	757.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441257.60000	3872707.00000	4.4949590e-03	757.10	757.10	1.20	PERIOD
CARTGRID	00043872	BORON				
441307.60000	3872707.00000	4.5276380e-03	757.30	757.30	1.20	PERIOD
CARTGRID	00043872	BORON				
441357.60000	3872707.00000	4.5917460e-03	757.70	757.70	1.20	PERIOD
CARTGRID	00043872	BORON				
441407.60000	3872707.00000	4.6972370e-03	758.00	758.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441457.60000	3872707.00000	4.8344120e-03	758.30	758.30	1.20	PERIOD
CARTGRID	00043872	BORON				
439957.60000	3872757.00000	1.9600320e-02	752.60	752.60	1.20	PERIOD
CARTGRID	00043872	BORON				
440007.60000	3872757.00000	1.8229040e-02	752.60	752.60	1.20	PERIOD
CARTGRID	00043872	BORON				
440057.60000	3872757.00000	1.7480500e-02	753.00	753.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440107.60000	3872757.00000	1.6917030e-02	753.00	753.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440157.60000	3872757.00000	1.6533520e-02	753.40	753.40	1.20	PERIOD
CARTGRID	00043872	BORON				
440207.60000	3872757.00000	1.6195140e-02	753.60	753.60	1.20	PERIOD
CARTGRID	00043872	BORON				
440257.60000	3872757.00000	1.5903490e-02	754.00	754.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440307.60000	3872757.00000	1.5603410e-02	754.00	754.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440357.60000	3872757.00000	1.5299030e-02	754.00	754.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440407.60000	3872757.00000	1.4951170e-02	754.00	754.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440457.60000	3872757.00000	1.4508900e-02	754.60	754.60	1.20	PERIOD
CARTGRID	00043872	BORON				
440507.60000	3872757.00000	1.3195900e-02	754.60	754.60	1.20	PERIOD
CARTGRID	00043872	BORON				
440557.60000	3872757.00000	1.1927710e-02	754.60	754.60	1.20	PERIOD
CARTGRID	00043872	BORON				
440607.60000	3872757.00000	1.0996630e-02	754.60	754.60	1.20	PERIOD
CARTGRID	00043872	BORON				
440657.60000	3872757.00000	9.9681080e-03	755.00	755.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440707.60000	3872757.00000	8.6547660e-03	755.00	755.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440757.60000	3872757.00000	7.5486790e-03	755.00	755.00	1.20	PERIOD
CARTGRID	00043872	BORON				

440807.60000	3872757.00000	6.6535120e-03	755.00	755.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440857.60000	3872757.00000	5.9925050e-03	755.00	755.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440907.60000	3872757.00000	5.5053320e-03	755.40	755.40	1.20	PERIOD
CARTGRID	00043872	BORON				
440957.60000	3872757.00000	5.1372320e-03	755.70	755.70	1.20	PERIOD
CARTGRID	00043872	BORON				
441007.60000	3872757.00000	4.8582660e-03	756.00	756.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441057.60000	3872757.00000	4.6498360e-03	756.00	756.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441107.60000	3872757.00000	4.4998950e-03	756.00	756.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441157.60000	3872757.00000	4.4028490e-03	756.00	756.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441207.60000	3872757.00000	4.3527810e-03	756.60	756.60	1.20	PERIOD
CARTGRID	00043872	BORON				
441257.60000	3872757.00000	4.3366520e-03	756.60	756.60	1.20	PERIOD
CARTGRID	00043872	BORON				
441307.60000	3872757.00000	4.3418190e-03	756.60	756.60	1.20	PERIOD
CARTGRID	00043872	BORON				
441357.60000	3872757.00000	4.3724160e-03	757.00	757.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441407.60000	3872757.00000	4.4356450e-03	757.60	757.60	1.20	PERIOD
CARTGRID	00043872	BORON				
441457.60000	3872757.00000	4.5223310e-03	758.00	758.00	1.20	PERIOD
CARTGRID	00043872	BORON				
439957.60000	3872807.00000	1.6872370e-02	752.00	752.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440007.60000	3872807.00000	1.5052560e-02	752.00	752.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440057.60000	3872807.00000	1.4064590e-02	752.00	752.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440107.60000	3872807.00000	1.3394640e-02	752.00	752.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440157.60000	3872807.00000	1.2916880e-02	752.90	752.90	1.20	PERIOD
CARTGRID	00043872	BORON				
440207.60000	3872807.00000	1.2507640e-02	753.00	753.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440257.60000	3872807.00000	1.2148270e-02	753.00	753.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440307.60000	3872807.00000	1.1851680e-02	753.60	753.60	1.20	PERIOD
CARTGRID	00043872	BORON				
440357.60000	3872807.00000	1.1535240e-02	753.90	753.90	1.20	PERIOD
CARTGRID	00043872	BORON				
440407.60000	3872807.00000	1.1198480e-02	753.90	753.90	1.20	PERIOD
CARTGRID	00043872	BORON				
440457.60000	3872807.00000	1.0768670e-02	754.00	754.00	1.20	PERIOD
CARTGRID	00043872	BORON				

440507.60000	3872807.00000	1.0186130e-02	754.00	754.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440557.60000	3872807.00000	9.5776380e-03	754.00	754.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440607.60000	3872807.00000	8.9101900e-03	754.00	754.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440657.60000	3872807.00000	8.1632990e-03	754.00	754.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440707.60000	3872807.00000	7.4050340e-03	754.00	754.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440757.60000	3872807.00000	6.7752320e-03	754.00	754.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440807.60000	3872807.00000	6.2186010e-03	754.20	754.20	1.20	PERIOD
CARTGRID	00043872	BORON				
440857.60000	3872807.00000	5.7364630e-03	754.90	754.90	1.20	PERIOD
CARTGRID	00043872	BORON				
440907.60000	3872807.00000	5.3340120e-03	755.00	755.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440957.60000	3872807.00000	5.0074360e-03	755.00	755.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441007.60000	3872807.00000	4.7483640e-03	755.00	755.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441057.60000	3872807.00000	4.5479900e-03	755.60	755.60	1.20	PERIOD
CARTGRID	00043872	BORON				
441107.60000	3872807.00000	4.3990440e-03	756.00	756.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441157.60000	3872807.00000	4.2974930e-03	756.00	756.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441207.60000	3872807.00000	4.2363610e-03	756.00	756.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441257.60000	3872807.00000	4.2018950e-03	756.00	756.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441307.60000	3872807.00000	4.1853820e-03	756.00	756.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441357.60000	3872807.00000	4.1900030e-03	756.00	756.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441407.60000	3872807.00000	4.2208300e-03	756.90	756.90	1.20	PERIOD
CARTGRID	00043872	BORON				
441457.60000	3872807.00000	4.2695020e-03	757.00	757.00	1.20	PERIOD
CARTGRID	00043872	BORON				
439957.60000	3872857.00000	1.5722380e-02	751.30	751.30	1.20	PERIOD
CARTGRID	00043872	BORON				
440007.60000	3872857.00000	1.3622830e-02	751.30	751.30	1.20	PERIOD
CARTGRID	00043872	BORON				
440057.60000	3872857.00000	1.2460790e-02	752.00	752.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440107.60000	3872857.00000	1.1700390e-02	752.00	752.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440157.60000	3872857.00000	1.1143090e-02	752.00	752.00	1.20	PERIOD
CARTGRID	00043872	BORON				

440207.60000	3872857.00000	1.0705570e-02	752.10	752.10	1.20	PERIOD
CARTGRID	00043872	BORON				
440257.60000	3872857.00000	1.0343450e-02	752.30	752.30	1.20	PERIOD
CARTGRID	00043872	BORON				
440307.60000	3872857.00000	1.0038270e-02	753.00	753.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440357.60000	3872857.00000	9.7301960e-03	753.00	753.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440407.60000	3872857.00000	9.4111050e-03	753.00	753.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440457.60000	3872857.00000	9.0589660e-03	753.30	753.30	1.20	PERIOD
CARTGRID	00043872	BORON				
440507.60000	3872857.00000	8.6467170e-03	753.30	753.30	1.20	PERIOD
CARTGRID	00043872	BORON				
440557.60000	3872857.00000	8.2144690e-03	753.30	753.30	1.20	PERIOD
CARTGRID	00043872	BORON				
440607.60000	3872857.00000	7.7396860e-03	753.70	753.70	1.20	PERIOD
CARTGRID	00043872	BORON				
440657.60000	3872857.00000	7.1927370e-03	754.00	754.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440707.60000	3872857.00000	6.6625010e-03	754.00	754.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440757.60000	3872857.00000	6.2159390e-03	754.00	754.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440807.60000	3872857.00000	5.8209990e-03	754.00	754.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440857.60000	3872857.00000	5.4621280e-03	754.00	754.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440907.60000	3872857.00000	5.1460500e-03	754.20	754.20	1.20	PERIOD
CARTGRID	00043872	BORON				
440957.60000	3872857.00000	4.8725290e-03	754.30	754.30	1.20	PERIOD
CARTGRID	00043872	BORON				
441007.60000	3872857.00000	4.6421420e-03	754.90	754.90	1.20	PERIOD
CARTGRID	00043872	BORON				
441057.60000	3872857.00000	4.4543690e-03	755.00	755.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441107.60000	3872857.00000	4.3088900e-03	755.10	755.10	1.20	PERIOD
CARTGRID	00043872	BORON				
441157.60000	3872857.00000	4.2042730e-03	755.30	755.30	1.20	PERIOD
CARTGRID	00043872	BORON				
441207.60000	3872857.00000	4.1335960e-03	755.30	755.30	1.20	PERIOD
CARTGRID	00043872	BORON				
441257.60000	3872857.00000	4.0850240e-03	755.30	755.30	1.20	PERIOD
CARTGRID	00043872	BORON				
441307.60000	3872857.00000	4.0520000e-03	755.90	755.90	1.20	PERIOD
CARTGRID	00043872	BORON				
441357.60000	3872857.00000	4.0361220e-03	756.00	756.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441407.60000	3872857.00000	4.0417550e-03	756.00	756.00	1.20	PERIOD
CARTGRID	00043872	BORON				



441457.60000	3872857.00000	4.0616880e-03	756.30	756.30	1.20	PERIOD
CARTGRID	00043872	BORON				
439957.60000	3872907.00000	1.4995270e-02	751.00	751.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440007.60000	3872907.00000	1.2758480e-02	751.00	751.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440057.60000	3872907.00000	1.1495580e-02	751.00	751.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440107.60000	3872907.00000	1.0657110e-02	751.00	751.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440157.60000	3872907.00000	1.0055730e-02	751.60	751.60	1.20	PERIOD
CARTGRID	00043872	BORON				
440207.60000	3872907.00000	9.5963110e-03	751.70	751.70	1.20	PERIOD
CARTGRID	00043872	BORON				
440257.60000	3872907.00000	9.2271700e-03	752.00	752.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440307.60000	3872907.00000	8.9028820e-03	752.00	752.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440357.60000	3872907.00000	8.6044210e-03	752.20	752.20	1.20	PERIOD
CARTGRID	00043872	BORON				
440407.60000	3872907.00000	8.3125020e-03	752.60	752.60	1.20	PERIOD
CARTGRID	00043872	BORON				
440457.60000	3872907.00000	7.9992580e-03	752.80	752.80	1.20	PERIOD
CARTGRID	00043872	BORON				
440507.60000	3872907.00000	7.6662390e-03	753.00	753.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440557.60000	3872907.00000	7.3168820e-03	753.00	753.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440607.60000	3872907.00000	6.9357580e-03	753.00	753.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440657.60000	3872907.00000	6.5181770e-03	753.00	753.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440707.60000	3872907.00000	6.1228290e-03	753.00	753.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440757.60000	3872907.00000	5.7821370e-03	753.00	753.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440807.60000	3872907.00000	5.4815530e-03	753.60	753.60	1.20	PERIOD
CARTGRID	00043872	BORON				
440857.60000	3872907.00000	5.2036650e-03	753.60	753.60	1.20	PERIOD
CARTGRID	00043872	BORON				
440907.60000	3872907.00000	4.9515360e-03	754.00	754.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440957.60000	3872907.00000	4.7263230e-03	754.00	754.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441007.60000	3872907.00000	4.5286330e-03	754.00	754.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441057.60000	3872907.00000	4.3596330e-03	754.00	754.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441107.60000	3872907.00000	4.2223020e-03	754.60	754.60	1.20	PERIOD
CARTGRID	00043872	BORON				

441157.60000	3872907.00000	4.1171200e-03	754.60	754.60	1.20	PERIOD
CARTGRID	00043872	BORON				
441207.60000	3872907.00000	4.0397050e-03	755.00	755.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441257.60000	3872907.00000	3.9803850e-03	755.00	755.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441307.60000	3872907.00000	3.9343920e-03	755.00	755.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441357.60000	3872907.00000	3.9025760e-03	755.40	755.40	1.20	PERIOD
CARTGRID	00043872	BORON				
441407.60000	3872907.00000	3.8893140e-03	756.00	756.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441457.60000	3872907.00000	3.8868240e-03	756.00	756.00	1.20	PERIOD
CARTGRID	00043872	BORON				
439957.60000	3872957.00000	1.4462780e-02	750.00	750.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440007.60000	3872957.00000	1.2133670e-02	750.00	750.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440057.60000	3872957.00000	1.0802860e-02	750.20	750.20	1.20	PERIOD
CARTGRID	00043872	BORON				
440107.60000	3872957.00000	9.9187510e-03	750.90	750.90	1.20	PERIOD
CARTGRID	00043872	BORON				
440157.60000	3872957.00000	9.2906100e-03	751.00	751.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440207.60000	3872957.00000	8.8133660e-03	751.00	751.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440257.60000	3872957.00000	8.4305120e-03	751.00	751.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440307.60000	3872957.00000	8.1141540e-03	751.90	751.90	1.20	PERIOD
CARTGRID	00043872	BORON				
440357.60000	3872957.00000	7.8197620e-03	752.00	752.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440407.60000	3872957.00000	7.5351930e-03	752.00	752.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440457.60000	3872957.00000	7.2475570e-03	752.00	752.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440507.60000	3872957.00000	6.9550270e-03	752.00	752.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440557.60000	3872957.00000	6.6579500e-03	752.00	752.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440607.60000	3872957.00000	6.3424750e-03	752.00	752.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440657.60000	3872957.00000	6.0096140e-03	752.00	752.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440707.60000	3872957.00000	5.7075030e-03	752.90	752.90	1.20	PERIOD
CARTGRID	00043872	BORON				
440757.60000	3872957.00000	5.4349490e-03	752.90	752.90	1.20	PERIOD
CARTGRID	00043872	BORON				
440807.60000	3872957.00000	5.1872410e-03	753.00	753.00	1.20	PERIOD
CARTGRID	00043872	BORON				

440857.60000	3872957.00000	4.9632900e-03	753.00	753.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440907.60000	3872957.00000	4.7581770e-03	753.00	753.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440957.60000	3872957.00000	4.5720780e-03	753.20	753.20	1.20	PERIOD
CARTGRID	00043872	BORON				
441007.60000	3872957.00000	4.4060570e-03	753.90	753.90	1.20	PERIOD
CARTGRID	00043872	BORON				
441057.60000	3872957.00000	4.2578180e-03	754.00	754.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441107.60000	3872957.00000	4.1318980e-03	754.00	754.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441157.60000	3872957.00000	4.0302190e-03	754.00	754.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441207.60000	3872957.00000	3.9492940e-03	754.00	754.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441257.60000	3872957.00000	3.8829180e-03	754.20	754.20	1.20	PERIOD
CARTGRID	00043872	BORON				
441307.60000	3872957.00000	3.8273630e-03	754.90	754.90	1.20	PERIOD
CARTGRID	00043872	BORON				
441357.60000	3872957.00000	3.7832550e-03	755.00	755.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441407.60000	3872957.00000	3.7556300e-03	756.00	756.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441457.60000	3872957.00000	3.7363650e-03	756.00	756.00	1.20	PERIOD
CARTGRID	00043872	BORON				
439957.60000	3873007.00000	1.3889630e-02	750.00	750.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440007.60000	3873007.00000	1.1543810e-02	750.00	750.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440057.60000	3873007.00000	1.0211880e-02	750.00	750.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440107.60000	3873007.00000	9.3297510e-03	750.00	750.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440157.60000	3873007.00000	8.6971670e-03	750.20	750.20	1.20	PERIOD
CARTGRID	00043872	BORON				
440207.60000	3873007.00000	8.2151920e-03	750.50	750.50	1.20	PERIOD
CARTGRID	00043872	BORON				
440257.60000	3873007.00000	7.8304970e-03	751.00	751.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440307.60000	3873007.00000	7.5032110e-03	751.00	751.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440357.60000	3873007.00000	7.2150780e-03	751.30	751.30	1.20	PERIOD
CARTGRID	00043872	BORON				
440407.60000	3873007.00000	6.9500390e-03	751.90	751.90	1.20	PERIOD
CARTGRID	00043872	BORON				
440457.60000	3873007.00000	6.6862590e-03	752.00	752.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440507.60000	3873007.00000	6.4253370e-03	752.00	752.00	1.20	PERIOD
CARTGRID	00043872	BORON				

440557.60000	3873007.00000	6.1639650e-03	752.00	752.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440607.60000	3873007.00000	5.8922840e-03	752.00	752.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440657.60000	3873007.00000	5.6151030e-03	752.00	752.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440707.60000	3873007.00000	5.3598230e-03	752.00	752.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440757.60000	3873007.00000	5.1347620e-03	752.00	752.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440807.60000	3873007.00000	4.9280660e-03	752.10	752.10	1.20	PERIOD
CARTGRID	00043872	BORON				
440857.60000	3873007.00000	4.7424970e-03	752.30	752.30	1.20	PERIOD
CARTGRID	00043872	BORON				
440907.60000	3873007.00000	4.5748150e-03	752.70	752.70	1.20	PERIOD
CARTGRID	00043872	BORON				
440957.60000	3873007.00000	4.4193840e-03	753.00	753.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441007.60000	3873007.00000	4.2759380e-03	753.00	753.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441057.60000	3873007.00000	4.1470110e-03	753.20	753.20	1.20	PERIOD
CARTGRID	00043872	BORON				
441107.60000	3873007.00000	4.0341140e-03	753.30	753.30	1.20	PERIOD
CARTGRID	00043872	BORON				
441157.60000	3873007.00000	3.9389160e-03	753.30	753.30	1.20	PERIOD
CARTGRID	00043872	BORON				
441207.60000	3873007.00000	3.8591230e-03	754.00	754.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441257.60000	3873007.00000	3.7892840e-03	754.00	754.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441307.60000	3873007.00000	3.7268110e-03	754.00	754.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441357.60000	3873007.00000	3.6744510e-03	754.70	754.70	1.20	PERIOD
CARTGRID	00043872	BORON				
441407.60000	3873007.00000	3.6355270e-03	755.10	755.10	1.20	PERIOD
CARTGRID	00043872	BORON				
441457.60000	3873007.00000	3.6040570e-03	755.90	755.90	1.20	PERIOD
CARTGRID	00043872	BORON				
439957.60000	3873057.00000	1.3212520e-02	749.00	749.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440007.60000	3873057.00000	1.0924520e-02	749.00	749.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440057.60000	3873057.00000	9.6547990e-03	749.00	749.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440107.60000	3873057.00000	8.8086140e-03	749.60	749.60	1.20	PERIOD
CARTGRID	00043872	BORON				
440157.60000	3873057.00000	8.1933010e-03	750.00	750.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440207.60000	3873057.00000	7.7188580e-03	750.00	750.00	1.20	PERIOD
CARTGRID	00043872	BORON				

440257.60000	3873057.00000	7.3370890e-03	750.60	750.60	1.20	PERIOD
CARTGRID	00043872	BORON				
440307.60000	3873057.00000	7.0150630e-03	750.80	750.80	1.20	PERIOD
CARTGRID	00043872	BORON				
440357.60000	3873057.00000	6.7327320e-03	751.00	751.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440407.60000	3873057.00000	6.4725970e-03	751.00	751.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440457.60000	3873057.00000	6.2259700e-03	751.00	751.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440507.60000	3873057.00000	5.9942400e-03	751.60	751.60	1.20	PERIOD
CARTGRID	00043872	BORON				
440557.60000	3873057.00000	5.7603390e-03	751.60	751.60	1.20	PERIOD
CARTGRID	00043872	BORON				
440607.60000	3873057.00000	5.5216640e-03	751.60	751.60	1.20	PERIOD
CARTGRID	00043872	BORON				
440657.60000	3873057.00000	5.2843100e-03	751.60	751.60	1.20	PERIOD
CARTGRID	00043872	BORON				
440707.60000	3873057.00000	5.0689770e-03	751.60	751.60	1.20	PERIOD
CARTGRID	00043872	BORON				
440757.60000	3873057.00000	4.8778010e-03	751.60	751.60	1.20	PERIOD
CARTGRID	00043872	BORON				
440807.60000	3873057.00000	4.7022790e-03	752.00	752.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440857.60000	3873057.00000	4.5419340e-03	752.00	752.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440907.60000	3873057.00000	4.3987020e-03	752.00	752.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440957.60000	3873057.00000	4.2670690e-03	752.00	752.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441007.60000	3873057.00000	4.1457530e-03	752.60	752.60	1.20	PERIOD
CARTGRID	00043872	BORON				
441057.60000	3873057.00000	4.0323870e-03	752.60	752.60	1.20	PERIOD
CARTGRID	00043872	BORON				
441107.60000	3873057.00000	3.9313070e-03	752.60	752.60	1.20	PERIOD
CARTGRID	00043872	BORON				
441157.60000	3873057.00000	3.8442760e-03	753.00	753.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441207.60000	3873057.00000	3.7674700e-03	753.00	753.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441257.60000	3873057.00000	3.6980690e-03	753.60	753.60	1.20	PERIOD
CARTGRID	00043872	BORON				
441307.60000	3873057.00000	3.6312310e-03	754.00	754.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441357.60000	3873057.00000	3.5735720e-03	754.00	754.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441407.60000	3873057.00000	3.5270490e-03	754.70	754.70	1.20	PERIOD
CARTGRID	00043872	BORON				
441457.60000	3873057.00000	3.4859780e-03	755.00	755.00	1.20	PERIOD
CARTGRID	00043872	BORON				

439957.60000	3873107.00000	1.2092730e-02	748.00	748.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440007.60000	3873107.00000	1.0190360e-02	748.90	748.90	1.20	PERIOD
CARTGRID	00043872	BORON				
440057.60000	3873107.00000	9.0740980e-03	749.00	749.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440107.60000	3873107.00000	8.3040570e-03	749.00	749.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440157.60000	3873107.00000	7.7307200e-03	749.60	749.60	1.20	PERIOD
CARTGRID	00043872	BORON				
440207.60000	3873107.00000	7.2795960e-03	750.00	750.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440257.60000	3873107.00000	6.9112520e-03	750.00	750.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440307.60000	3873107.00000	6.5996810e-03	750.00	750.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440357.60000	3873107.00000	6.3271640e-03	750.20	750.20	1.20	PERIOD
CARTGRID	00043872	BORON				
440407.60000	3873107.00000	6.0833160e-03	750.90	750.90	1.20	PERIOD
CARTGRID	00043872	BORON				
440457.60000	3873107.00000	5.8535100e-03	751.00	751.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440507.60000	3873107.00000	5.6356310e-03	751.00	751.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440557.60000	3873107.00000	5.4233240e-03	751.00	751.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440607.60000	3873107.00000	5.2104610e-03	751.00	751.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440657.60000	3873107.00000	5.0029290e-03	751.00	751.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440707.60000	3873107.00000	4.8167960e-03	751.00	751.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440757.60000	3873107.00000	4.6512210e-03	751.00	751.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440807.60000	3873107.00000	4.4969720e-03	751.00	751.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440857.60000	3873107.00000	4.3595130e-03	751.90	751.90	1.20	PERIOD
CARTGRID	00043872	BORON				
440907.60000	3873107.00000	4.2350050e-03	751.90	751.90	1.20	PERIOD
CARTGRID	00043872	BORON				
440957.60000	3873107.00000	4.1221680e-03	752.00	752.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441007.60000	3873107.00000	4.0160110e-03	752.00	752.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441057.60000	3873107.00000	3.9165250e-03	752.00	752.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441107.60000	3873107.00000	3.8261700e-03	752.00	752.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441157.60000	3873107.00000	3.7459910e-03	752.00	752.00	1.20	PERIOD
CARTGRID	00043872	BORON				

441207.60000	3873107.00000	3.6748570e-03	752.90	752.90	1.20	PERIOD
CARTGRID	00043872	BORON				
441257.60000	3873107.00000	3.6061720e-03	753.00	753.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441307.60000	3873107.00000	3.5401840e-03	753.00	753.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441357.60000	3873107.00000	3.4789210e-03	754.00	754.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441407.60000	3873107.00000	3.4275160e-03	754.20	754.20	1.20	PERIOD
CARTGRID	00043872	BORON				
441457.60000	3873107.00000	3.3802140e-03	755.00	755.00	1.20	PERIOD
CARTGRID	00043872	BORON				
439957.60000	3873157.00000	1.0624690e-02	748.00	748.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440007.60000	3873157.00000	9.3619350e-03	748.00	748.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440057.60000	3873157.00000	8.4726040e-03	748.10	748.10	1.20	PERIOD
CARTGRID	00043872	BORON				
440107.60000	3873157.00000	7.8206460e-03	748.90	748.90	1.20	PERIOD
CARTGRID	00043872	BORON				
440157.60000	3873157.00000	7.3030370e-03	749.00	749.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440207.60000	3873157.00000	6.8863180e-03	750.00	750.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440257.60000	3873157.00000	6.5408300e-03	750.00	750.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440307.60000	3873157.00000	6.2457880e-03	750.00	750.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440357.60000	3873157.00000	5.9862930e-03	750.00	750.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440407.60000	3873157.00000	5.7521770e-03	750.00	750.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440457.60000	3873157.00000	5.5370300e-03	750.20	750.20	1.20	PERIOD
CARTGRID	00043872	BORON				
440507.60000	3873157.00000	5.3360150e-03	750.50	750.50	1.20	PERIOD
CARTGRID	00043872	BORON				
440557.60000	3873157.00000	5.1435470e-03	751.00	751.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440607.60000	3873157.00000	4.9501640e-03	751.00	751.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440657.60000	3873157.00000	4.7647860e-03	751.00	751.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440707.60000	3873157.00000	4.6000240e-03	751.00	751.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440757.60000	3873157.00000	4.4537070e-03	751.00	751.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440807.60000	3873157.00000	4.3172360e-03	751.00	751.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440857.60000	3873157.00000	4.1919580e-03	751.00	751.00	1.20	PERIOD
CARTGRID	00043872	BORON				

440907.60000	3873157.00000	4.0811010e-03	751.00	751.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440957.60000	3873157.00000	3.9827870e-03	751.50	751.50	1.20	PERIOD
CARTGRID	00043872	BORON				
441007.60000	3873157.00000	3.8906500e-03	752.00	752.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441057.60000	3873157.00000	3.8028490e-03	752.00	752.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441107.60000	3873157.00000	3.7223110e-03	752.00	752.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441157.60000	3873157.00000	3.6491540e-03	752.00	752.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441207.60000	3873157.00000	3.5808090e-03	752.00	752.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441257.60000	3873157.00000	3.5156700e-03	753.00	753.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441307.60000	3873157.00000	3.4506520e-03	753.00	753.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441357.60000	3873157.00000	3.3913570e-03	753.60	753.60	1.20	PERIOD
CARTGRID	00043872	BORON				
441407.60000	3873157.00000	3.3346290e-03	754.00	754.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441457.60000	3873157.00000	3.2832040e-03	754.30	754.30	1.20	PERIOD
CARTGRID	00043872	BORON				
439957.60000	3873207.00000	9.2683280e-03	747.60	747.60	1.20	PERIOD
CARTGRID	00043872	BORON				
440007.60000	3873207.00000	8.5485830e-03	748.00	748.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440057.60000	3873207.00000	7.9054530e-03	748.00	748.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440107.60000	3873207.00000	7.3635870e-03	748.00	748.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440157.60000	3873207.00000	6.9174190e-03	748.60	748.60	1.20	PERIOD
CARTGRID	00043872	BORON				
440207.60000	3873207.00000	6.5406820e-03	749.00	749.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440257.60000	3873207.00000	6.2204510e-03	749.60	749.60	1.20	PERIOD
CARTGRID	00043872	BORON				
440307.60000	3873207.00000	5.9424030e-03	749.80	749.80	1.20	PERIOD
CARTGRID	00043872	BORON				
440357.60000	3873207.00000	5.6974760e-03	750.00	750.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440407.60000	3873207.00000	5.4766600e-03	750.00	750.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440457.60000	3873207.00000	5.2735770e-03	750.00	750.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440507.60000	3873207.00000	5.0843860e-03	750.00	750.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440557.60000	3873207.00000	4.9031560e-03	750.00	750.00	1.20	PERIOD
CARTGRID	00043872	BORON				



440607.60000	3873207.00000	4.7273310e-03	750.60	750.60	1.20	PERIOD
CARTGRID	00043872	BORON				
440657.60000	3873207.00000	4.5600610e-03	751.00	751.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440707.60000	3873207.00000	4.4110730e-03	751.00	751.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440757.60000	3873207.00000	4.2792860e-03	751.00	751.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440807.60000	3873207.00000	4.1566930e-03	751.00	751.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440857.60000	3873207.00000	4.0433690e-03	751.00	751.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440907.60000	3873207.00000	3.9421490e-03	751.00	751.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440957.60000	3873207.00000	3.8517330e-03	751.00	751.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441007.60000	3873207.00000	3.7683930e-03	751.00	751.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441057.60000	3873207.00000	3.6918060e-03	751.80	751.80	1.20	PERIOD
CARTGRID	00043872	BORON				
441107.60000	3873207.00000	3.6201110e-03	752.00	752.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441157.60000	3873207.00000	3.5534560e-03	752.00	752.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441207.60000	3873207.00000	3.4891680e-03	752.00	752.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441257.60000	3873207.00000	3.4259660e-03	752.70	752.70	1.20	PERIOD
CARTGRID	00043872	BORON				
441307.60000	3873207.00000	3.3632020e-03	753.00	753.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441357.60000	3873207.00000	3.3042700e-03	753.40	753.40	1.20	PERIOD
CARTGRID	00043872	BORON				
441407.60000	3873207.00000	3.2493790e-03	753.70	753.70	1.20	PERIOD
CARTGRID	00043872	BORON				
441457.60000	3873207.00000	3.1928770e-03	754.00	754.00	1.20	PERIOD
CARTGRID	00043872	BORON				
439957.60000	3873257.00000	8.2431180e-03	746.70	746.70	1.20	PERIOD
CARTGRID	00043872	BORON				
440007.60000	3873257.00000	7.7823980e-03	746.90	746.90	1.20	PERIOD
CARTGRID	00043872	BORON				
440057.60000	3873257.00000	7.3403460e-03	747.10	747.10	1.20	PERIOD
CARTGRID	00043872	BORON				
440107.60000	3873257.00000	6.9289020e-03	747.40	747.40	1.20	PERIOD
CARTGRID	00043872	BORON				
440157.60000	3873257.00000	6.5522880e-03	747.50	747.50	1.20	PERIOD
CARTGRID	00043872	BORON				
440207.60000	3873257.00000	6.2200150e-03	747.70	747.70	1.20	PERIOD
CARTGRID	00043872	BORON				
440257.60000	3873257.00000	5.9289590e-03	748.00	748.00	1.20	PERIOD
CARTGRID	00043872	BORON				

440307.60000	3873257.00000	5.6750130e-03	748.60	748.60	1.20	PERIOD
CARTGRID	00043872	BORON				
440357.60000	3873257.00000	5.4496680e-03	749.80	749.80	1.20	PERIOD
CARTGRID	00043872	BORON				
440407.60000	3873257.00000	5.2415450e-03	749.80	749.80	1.20	PERIOD
CARTGRID	00043872	BORON				
440457.60000	3873257.00000	5.0503400e-03	749.80	749.80	1.20	PERIOD
CARTGRID	00043872	BORON				
440507.60000	3873257.00000	4.8727730e-03	749.90	749.90	1.20	PERIOD
CARTGRID	00043872	BORON				
440557.60000	3873257.00000	4.7033090e-03	750.10	750.10	1.20	PERIOD
CARTGRID	00043872	BORON				
440607.60000	3873257.00000	4.5372860e-03	750.10	750.10	1.20	PERIOD
CARTGRID	00043872	BORON				
440657.60000	3873257.00000	4.3817380e-03	750.10	750.10	1.20	PERIOD
CARTGRID	00043872	BORON				
440707.60000	3873257.00000	4.2446190e-03	750.10	750.10	1.20	PERIOD
CARTGRID	00043872	BORON				
440757.60000	3873257.00000	4.1242980e-03	750.40	750.40	1.20	PERIOD
CARTGRID	00043872	BORON				
440807.60000	3873257.00000	4.0127310e-03	750.50	750.50	1.20	PERIOD
CARTGRID	00043872	BORON				
440857.60000	3873257.00000	3.9089610e-03	750.70	750.70	1.20	PERIOD
CARTGRID	00043872	BORON				
440907.60000	3873257.00000	3.8150940e-03	750.90	750.90	1.20	PERIOD
CARTGRID	00043872	BORON				
440957.60000	3873257.00000	3.7311310e-03	751.00	751.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441007.60000	3873257.00000	3.6546490e-03	751.00	751.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441057.60000	3873257.00000	3.5845670e-03	751.20	751.20	1.20	PERIOD
CARTGRID	00043872	BORON				
441107.60000	3873257.00000	3.5201210e-03	751.40	751.40	1.20	PERIOD
CARTGRID	00043872	BORON				
441157.60000	3873257.00000	3.4592520e-03	751.60	751.60	1.20	PERIOD
CARTGRID	00043872	BORON				
441207.60000	3873257.00000	3.3989980e-03	751.80	751.80	1.20	PERIOD
CARTGRID	00043872	BORON				
441257.60000	3873257.00000	3.3379600e-03	752.20	752.20	1.20	PERIOD
CARTGRID	00043872	BORON				
441307.60000	3873257.00000	3.2772450e-03	752.50	752.50	1.20	PERIOD
CARTGRID	00043872	BORON				
441357.60000	3873257.00000	3.2193230e-03	752.80	752.80	1.20	PERIOD
CARTGRID	00043872	BORON				
441407.60000	3873257.00000	3.1639540e-03	752.90	752.90	1.20	PERIOD
CARTGRID	00043872	BORON				
441457.60000	3873257.00000	3.1095670e-03	753.20	753.20	1.20	PERIOD
CARTGRID	00043872	BORON				
439957.60000	3873307.00000	7.4805080e-03	746.40	746.40	1.20	PERIOD
CARTGRID	00043872	BORON				

440007.60000	3873307.00000	7.1525660e-03	746.70	746.70	1.20	PERIOD
CARTGRID	00043872	BORON				
440057.60000	3873307.00000	6.8293720e-03	746.80	746.80	1.20	PERIOD
CARTGRID	00043872	BORON				
440107.60000	3873307.00000	6.5137260e-03	747.00	747.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440157.60000	3873307.00000	6.2112970e-03	747.20	747.20	1.20	PERIOD
CARTGRID	00043872	BORON				
440207.60000	3873307.00000	5.9301030e-03	747.50	747.50	1.20	PERIOD
CARTGRID	00043872	BORON				
440257.60000	3873307.00000	5.6708150e-03	747.70	747.70	1.20	PERIOD
CARTGRID	00043872	BORON				
440307.60000	3873307.00000	5.4403450e-03	748.40	748.40	1.20	PERIOD
CARTGRID	00043872	BORON				
440357.60000	3873307.00000	5.2304100e-03	749.00	749.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440407.60000	3873307.00000	5.0369230e-03	749.30	749.30	1.20	PERIOD
CARTGRID	00043872	BORON				
440457.60000	3873307.00000	4.8572000e-03	749.30	749.30	1.20	PERIOD
CARTGRID	00043872	BORON				
440507.60000	3873307.00000	4.6902790e-03	749.60	749.60	1.20	PERIOD
CARTGRID	00043872	BORON				
440557.60000	3873307.00000	4.5297490e-03	749.60	749.60	1.20	PERIOD
CARTGRID	00043872	BORON				
440607.60000	3873307.00000	4.3737710e-03	749.60	749.60	1.20	PERIOD
CARTGRID	00043872	BORON				
440657.60000	3873307.00000	4.2287860e-03	749.60	749.60	1.20	PERIOD
CARTGRID	00043872	BORON				
440707.60000	3873307.00000	4.1010800e-03	749.80	749.80	1.20	PERIOD
CARTGRID	00043872	BORON				
440757.60000	3873307.00000	3.9884630e-03	749.90	749.90	1.20	PERIOD
CARTGRID	00043872	BORON				
440807.60000	3873307.00000	3.8850490e-03	750.10	750.10	1.20	PERIOD
CARTGRID	00043872	BORON				
440857.60000	3873307.00000	3.7879970e-03	750.20	750.20	1.20	PERIOD
CARTGRID	00043872	BORON				
440907.60000	3873307.00000	3.6991080e-03	750.40	750.40	1.20	PERIOD
CARTGRID	00043872	BORON				
440957.60000	3873307.00000	3.6192050e-03	750.50	750.50	1.20	PERIOD
CARTGRID	00043872	BORON				
441007.60000	3873307.00000	3.5479720e-03	750.80	750.80	1.20	PERIOD
CARTGRID	00043872	BORON				
441057.60000	3873307.00000	3.4835170e-03	750.90	750.90	1.20	PERIOD
CARTGRID	00043872	BORON				
441107.60000	3873307.00000	3.4248470e-03	751.20	751.20	1.20	PERIOD
CARTGRID	00043872	BORON				
441157.60000	3873307.00000	3.3683990e-03	751.40	751.40	1.20	PERIOD
CARTGRID	00043872	BORON				
441207.60000	3873307.00000	3.3114510e-03	751.70	751.70	1.20	PERIOD
CARTGRID	00043872	BORON				

441257.60000	3873307.00000	3.2524200e-03	751.80	751.80	1.20	PERIOD
CARTGRID	00043872	BORON				
441307.60000	3873307.00000	3.1941400e-03	752.30	752.30	1.20	PERIOD
CARTGRID	00043872	BORON				
441357.60000	3873307.00000	3.1377320e-03	752.70	752.70	1.20	PERIOD
CARTGRID	00043872	BORON				
441407.60000	3873307.00000	3.0828020e-03	752.90	752.90	1.20	PERIOD
CARTGRID	00043872	BORON				
441457.60000	3873307.00000	3.0277450e-03	752.90	752.90	1.20	PERIOD
CARTGRID	00043872	BORON				
439957.60000	3873357.00000	6.8766740e-03	746.10	746.10	1.20	PERIOD
CARTGRID	00043872	BORON				
440007.60000	3873357.00000	6.6232940e-03	746.40	746.40	1.20	PERIOD
CARTGRID	00043872	BORON				
440057.60000	3873357.00000	6.3769830e-03	746.60	746.60	1.20	PERIOD
CARTGRID	00043872	BORON				
440107.60000	3873357.00000	6.1309300e-03	746.80	746.80	1.20	PERIOD
CARTGRID	00043872	BORON				
440157.60000	3873357.00000	5.8856630e-03	746.90	746.90	1.20	PERIOD
CARTGRID	00043872	BORON				
440207.60000	3873357.00000	5.6485170e-03	747.00	747.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440257.60000	3873357.00000	5.4267270e-03	747.40	747.40	1.20	PERIOD
CARTGRID	00043872	BORON				
440307.60000	3873357.00000	5.2185960e-03	747.70	747.70	1.20	PERIOD
CARTGRID	00043872	BORON				
440357.60000	3873357.00000	5.0276380e-03	748.20	748.20	1.20	PERIOD
CARTGRID	00043872	BORON				
440407.60000	3873357.00000	4.8494420e-03	748.50	748.50	1.20	PERIOD
CARTGRID	00043872	BORON				
440457.60000	3873357.00000	4.6840820e-03	748.80	748.80	1.20	PERIOD
CARTGRID	00043872	BORON				
440507.60000	3873357.00000	4.5285660e-03	749.10	749.10	1.20	PERIOD
CARTGRID	00043872	BORON				
440557.60000	3873357.00000	4.3768540e-03	749.10	749.10	1.20	PERIOD
CARTGRID	00043872	BORON				
440607.60000	3873357.00000	4.2306330e-03	749.20	749.20	1.20	PERIOD
CARTGRID	00043872	BORON				
440657.60000	3873357.00000	4.0947630e-03	749.20	749.20	1.20	PERIOD
CARTGRID	00043872	BORON				
440707.60000	3873357.00000	3.9750220e-03	749.40	749.40	1.20	PERIOD
CARTGRID	00043872	BORON				
440757.60000	3873357.00000	3.8689100e-03	749.60	749.60	1.20	PERIOD
CARTGRID	00043872	BORON				
440807.60000	3873357.00000	3.7713930e-03	749.70	749.70	1.20	PERIOD
CARTGRID	00043872	BORON				
440857.60000	3873357.00000	3.6793940e-03	749.80	749.80	1.20	PERIOD
CARTGRID	00043872	BORON				
440907.60000	3873357.00000	3.5939050e-03	749.90	749.90	1.20	PERIOD
CARTGRID	00043872	BORON				

440957.60000	3873357.00000	3.5169360e-03	750.10	750.10	1.20	PERIOD
CARTGRID	00043872	BORON				
441007.60000	3873357.00000	3.4489380e-03	750.40	750.40	1.20	PERIOD
CARTGRID	00043872	BORON				
441057.60000	3873357.00000	3.3885990e-03	750.60	750.60	1.20	PERIOD
CARTGRID	00043872	BORON				
441107.60000	3873357.00000	3.3339000e-03	750.90	750.90	1.20	PERIOD
CARTGRID	00043872	BORON				
441157.60000	3873357.00000	3.2805380e-03	750.90	750.90	1.20	PERIOD
CARTGRID	00043872	BORON				
441207.60000	3873357.00000	3.2261410e-03	751.20	751.20	1.20	PERIOD
CARTGRID	00043872	BORON				
441257.60000	3873357.00000	3.1699740e-03	751.50	751.50	1.20	PERIOD
CARTGRID	00043872	BORON				
441307.60000	3873357.00000	3.1135550e-03	751.80	751.80	1.20	PERIOD
CARTGRID	00043872	BORON				
441357.60000	3873357.00000	3.0585300e-03	752.20	752.20	1.20	PERIOD
CARTGRID	00043872	BORON				
441407.60000	3873357.00000	3.0041430e-03	752.40	752.40	1.20	PERIOD
CARTGRID	00043872	BORON				
441457.60000	3873357.00000	2.9491140e-03	752.40	752.40	1.20	PERIOD
CARTGRID	00043872	BORON				
439957.60000	3873407.00000	6.3831600e-03	745.80	745.80	1.20	PERIOD
CARTGRID	00043872	BORON				
440007.60000	3873407.00000	6.1779920e-03	746.10	746.10	1.20	PERIOD
CARTGRID	00043872	BORON				
440057.60000	3873407.00000	5.9806070e-03	746.40	746.40	1.20	PERIOD
CARTGRID	00043872	BORON				
440107.60000	3873407.00000	5.7819130e-03	746.50	746.50	1.20	PERIOD
CARTGRID	00043872	BORON				
440157.60000	3873407.00000	5.5815270e-03	746.60	746.60	1.20	PERIOD
CARTGRID	00043872	BORON				
440207.60000	3873407.00000	5.3839610e-03	746.80	746.80	1.20	PERIOD
CARTGRID	00043872	BORON				
440257.60000	3873407.00000	5.1921680e-03	747.00	747.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440307.60000	3873407.00000	5.0074810e-03	747.00	747.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440357.60000	3873407.00000	4.8367270e-03	747.40	747.40	1.20	PERIOD
CARTGRID	00043872	BORON				
440407.60000	3873407.00000	4.6766810e-03	747.90	747.90	1.20	PERIOD
CARTGRID	00043872	BORON				
440457.60000	3873407.00000	4.5253630e-03	748.30	748.30	1.20	PERIOD
CARTGRID	00043872	BORON				
440507.60000	3873407.00000	4.3805970e-03	748.60	748.60	1.20	PERIOD
CARTGRID	00043872	BORON				
440557.60000	3873407.00000	4.2380980e-03	748.60	748.60	1.20	PERIOD
CARTGRID	00043872	BORON				
440607.60000	3873407.00000	4.1016400e-03	748.80	748.80	1.20	PERIOD
CARTGRID	00043872	BORON				

440657.60000	3873407.00000	3.9748440e-03	748.90	748.90	1.20	PERIOD
CARTGRID	00043872	BORON				
440707.60000	3873407.00000	3.8616870e-03	748.90	748.90	1.20	PERIOD
CARTGRID	00043872	BORON				
440757.60000	3873407.00000	3.7621580e-03	749.20	749.20	1.20	PERIOD
CARTGRID	00043872	BORON				
440807.60000	3873407.00000	3.6695430e-03	749.30	749.30	1.20	PERIOD
CARTGRID	00043872	BORON				
440857.60000	3873407.00000	3.5815100e-03	749.50	749.50	1.20	PERIOD
CARTGRID	00043872	BORON				
440907.60000	3873407.00000	3.4988230e-03	749.70	749.70	1.20	PERIOD
CARTGRID	00043872	BORON				
440957.60000	3873407.00000	3.4237720e-03	749.80	749.80	1.20	PERIOD
CARTGRID	00043872	BORON				
441007.60000	3873407.00000	3.3578370e-03	750.10	750.10	1.20	PERIOD
CARTGRID	00043872	BORON				
441057.60000	3873407.00000	3.3001380e-03	750.30	750.30	1.20	PERIOD
CARTGRID	00043872	BORON				
441107.60000	3873407.00000	3.2478330e-03	750.40	750.40	1.20	PERIOD
CARTGRID	00043872	BORON				
441157.60000	3873407.00000	3.1967400e-03	750.40	750.40	1.20	PERIOD
CARTGRID	00043872	BORON				
441207.60000	3873407.00000	3.1445230e-03	750.70	750.70	1.20	PERIOD
CARTGRID	00043872	BORON				
441257.60000	3873407.00000	3.0905660e-03	751.00	751.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441307.60000	3873407.00000	3.0362100e-03	751.30	751.30	1.20	PERIOD
CARTGRID	00043872	BORON				
441357.60000	3873407.00000	2.9825060e-03	751.60	751.60	1.20	PERIOD
CARTGRID	00043872	BORON				
441407.60000	3873407.00000	2.9284150e-03	751.70	751.70	1.20	PERIOD
CARTGRID	00043872	BORON				
441457.60000	3873407.00000	2.8738010e-03	751.90	751.90	1.20	PERIOD
CARTGRID	00043872	BORON				
439957.60000	3873457.00000	5.9677170e-03	745.50	745.50	1.20	PERIOD
CARTGRID	00043872	BORON				
440007.60000	3873457.00000	5.7982470e-03	745.80	745.80	1.20	PERIOD
CARTGRID	00043872	BORON				
440057.60000	3873457.00000	5.6311380e-03	746.00	746.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440107.60000	3873457.00000	5.4679890e-03	746.20	746.20	1.20	PERIOD
CARTGRID	00043872	BORON				
440157.60000	3873457.00000	5.3029950e-03	746.40	746.40	1.20	PERIOD
CARTGRID	00043872	BORON				
440207.60000	3873457.00000	5.1353790e-03	746.50	746.50	1.20	PERIOD
CARTGRID	00043872	BORON				
440257.60000	3873457.00000	4.9686960e-03	746.50	746.50	1.20	PERIOD
CARTGRID	00043872	BORON				
440307.60000	3873457.00000	4.8092870e-03	746.70	746.70	1.20	PERIOD
CARTGRID	00043872	BORON				

440357.60000	3873457.00000	4.6590440e-03	747.20	747.20	1.20	PERIOD
CARTGRID	00043872	BORON				
440407.60000	3873457.00000	4.5133830e-03	747.40	747.40	1.20	PERIOD
CARTGRID	00043872	BORON				
440457.60000	3873457.00000	4.3760220e-03	747.80	747.80	1.20	PERIOD
CARTGRID	00043872	BORON				
440507.60000	3873457.00000	4.2425050e-03	748.10	748.10	1.20	PERIOD
CARTGRID	00043872	BORON				
440557.60000	3873457.00000	4.1097230e-03	748.10	748.10	1.20	PERIOD
CARTGRID	00043872	BORON				
440607.60000	3873457.00000	3.9833990e-03	748.40	748.40	1.20	PERIOD
CARTGRID	00043872	BORON				
440657.60000	3873457.00000	3.8648520e-03	748.40	748.40	1.20	PERIOD
CARTGRID	00043872	BORON				
440707.60000	3873457.00000	3.7595320e-03	748.60	748.60	1.20	PERIOD
CARTGRID	00043872	BORON				
440757.60000	3873457.00000	3.6643720e-03	748.70	748.70	1.20	PERIOD
CARTGRID	00043872	BORON				
440807.60000	3873457.00000	3.5762240e-03	748.90	748.90	1.20	PERIOD
CARTGRID	00043872	BORON				
440857.60000	3873457.00000	3.4915390e-03	749.00	749.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440907.60000	3873457.00000	3.4118140e-03	749.20	749.20	1.20	PERIOD
CARTGRID	00043872	BORON				
440957.60000	3873457.00000	3.3388540e-03	749.50	749.50	1.20	PERIOD
CARTGRID	00043872	BORON				
441007.60000	3873457.00000	3.2744230e-03	749.80	749.80	1.20	PERIOD
CARTGRID	00043872	BORON				
441057.60000	3873457.00000	3.2181740e-03	750.00	750.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441107.60000	3873457.00000	3.1671650e-03	749.90	749.90	1.20	PERIOD
CARTGRID	00043872	BORON				
441157.60000	3873457.00000	3.1177990e-03	750.10	750.10	1.20	PERIOD
CARTGRID	00043872	BORON				
441207.60000	3873457.00000	3.0673030e-03	750.40	750.40	1.20	PERIOD
CARTGRID	00043872	BORON				
441257.60000	3873457.00000	3.0151430e-03	750.60	750.60	1.20	PERIOD
CARTGRID	00043872	BORON				
441307.60000	3873457.00000	2.9625560e-03	750.80	750.80	1.20	PERIOD
CARTGRID	00043872	BORON				
441357.60000	3873457.00000	2.9099450e-03	751.10	751.10	1.20	PERIOD
CARTGRID	00043872	BORON				
441407.60000	3873457.00000	2.8562650e-03	751.10	751.10	1.20	PERIOD
CARTGRID	00043872	BORON				
441457.60000	3873457.00000	2.8018120e-03	751.20	751.20	1.20	PERIOD
CARTGRID	00043872	BORON				
439957.60000	3873507.00000	5.6122030e-03	745.20	745.20	1.20	PERIOD
CARTGRID	00043872	BORON				
440007.60000	3873507.00000	5.4692310e-03	745.50	745.50	1.20	PERIOD
CARTGRID	00043872	BORON				

440057.60000	3873507.00000	5.3274800e-03	745.80	745.80	1.20	PERIOD
CARTGRID	00043872	BORON				
440107.60000	3873507.00000	5.1879330e-03	746.00	746.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440157.60000	3873507.00000	5.0475620e-03	746.10	746.10	1.20	PERIOD
CARTGRID	00043872	BORON				
440207.60000	3873507.00000	4.9059900e-03	746.30	746.30	1.20	PERIOD
CARTGRID	00043872	BORON				
440257.60000	3873507.00000	4.7629210e-03	746.40	746.40	1.20	PERIOD
CARTGRID	00043872	BORON				
440307.60000	3873507.00000	4.6231760e-03	746.60	746.60	1.20	PERIOD
CARTGRID	00043872	BORON				
440357.60000	3873507.00000	4.4892350e-03	747.00	747.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440407.60000	3873507.00000	4.3590790e-03	747.20	747.20	1.20	PERIOD
CARTGRID	00043872	BORON				
440457.60000	3873507.00000	4.2330770e-03	747.30	747.30	1.20	PERIOD
CARTGRID	00043872	BORON				
440507.60000	3873507.00000	4.1110320e-03	747.60	747.60	1.20	PERIOD
CARTGRID	00043872	BORON				
440557.60000	3873507.00000	3.9894250e-03	747.70	747.70	1.20	PERIOD
CARTGRID	00043872	BORON				
440607.60000	3873507.00000	3.8724400e-03	747.90	747.90	1.20	PERIOD
CARTGRID	00043872	BORON				
440657.60000	3873507.00000	3.7632460e-03	748.00	748.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440707.60000	3873507.00000	3.6646360e-03	748.20	748.20	1.20	PERIOD
CARTGRID	00043872	BORON				
440757.60000	3873507.00000	3.5741380e-03	748.20	748.20	1.20	PERIOD
CARTGRID	00043872	BORON				
440807.60000	3873507.00000	3.4901950e-03	748.50	748.50	1.20	PERIOD
CARTGRID	00043872	BORON				
440857.60000	3873507.00000	3.4094410e-03	748.80	748.80	1.20	PERIOD
CARTGRID	00043872	BORON				
440907.60000	3873507.00000	3.3319910e-03	749.00	749.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440957.60000	3873507.00000	3.2609150e-03	749.20	749.20	1.20	PERIOD
CARTGRID	00043872	BORON				
441007.60000	3873507.00000	3.1980550e-03	749.70	749.70	1.20	PERIOD
CARTGRID	00043872	BORON				
441057.60000	3873507.00000	3.1427320e-03	749.80	749.80	1.20	PERIOD
CARTGRID	00043872	BORON				
441107.60000	3873507.00000	3.0924980e-03	749.80	749.80	1.20	PERIOD
CARTGRID	00043872	BORON				
441157.60000	3873507.00000	3.0438530e-03	749.80	749.80	1.20	PERIOD
CARTGRID	00043872	BORON				
441207.60000	3873507.00000	2.9944680e-03	750.00	750.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441257.60000	3873507.00000	2.9440520e-03	750.20	750.20	1.20	PERIOD
CARTGRID	00043872	BORON				



441307.60000	3873507.00000	2.8928280e-03	750.30	750.30	1.20	PERIOD
CARTGRID	00043872	BORON				
441357.60000	3873507.00000	2.8412280e-03	750.60	750.60	1.20	PERIOD
CARTGRID	00043872	BORON				
441407.60000	3873507.00000	2.7880780e-03	750.60	750.60	1.20	PERIOD
CARTGRID	00043872	BORON				
441457.60000	3873507.00000	2.7341320e-03	750.90	750.90	1.20	PERIOD
CARTGRID	00043872	BORON				
439957.60000	3873557.00000	5.3034160e-03	744.90	744.90	1.20	PERIOD
CARTGRID	00043872	BORON				
440007.60000	3873557.00000	5.1807280e-03	745.20	745.20	1.20	PERIOD
CARTGRID	00043872	BORON				
440057.60000	3873557.00000	5.0577670e-03	745.50	745.50	1.20	PERIOD
CARTGRID	00043872	BORON				
440107.60000	3873557.00000	4.9338340e-03	745.50	745.50	1.20	PERIOD
CARTGRID	00043872	BORON				
440157.60000	3873557.00000	4.8150020e-03	745.80	745.80	1.20	PERIOD
CARTGRID	00043872	BORON				
440207.60000	3873557.00000	4.6923040e-03	745.90	745.90	1.20	PERIOD
CARTGRID	00043872	BORON				
440257.60000	3873557.00000	4.5690350e-03	746.10	746.10	1.20	PERIOD
CARTGRID	00043872	BORON				
440307.60000	3873557.00000	4.4486390e-03	746.60	746.60	1.20	PERIOD
CARTGRID	00043872	BORON				
440357.60000	3873557.00000	4.3274120e-03	746.70	746.70	1.20	PERIOD
CARTGRID	00043872	BORON				
440407.60000	3873557.00000	4.2100070e-03	746.80	746.80	1.20	PERIOD
CARTGRID	00043872	BORON				
440457.60000	3873557.00000	4.0961480e-03	746.90	746.90	1.20	PERIOD
CARTGRID	00043872	BORON				
440507.60000	3873557.00000	3.9846460e-03	747.10	747.10	1.20	PERIOD
CARTGRID	00043872	BORON				
440557.60000	3873557.00000	3.8746920e-03	747.40	747.40	1.20	PERIOD
CARTGRID	00043872	BORON				
440607.60000	3873557.00000	3.7667810e-03	747.40	747.40	1.20	PERIOD
CARTGRID	00043872	BORON				
440657.60000	3873557.00000	3.6674960e-03	747.70	747.70	1.20	PERIOD
CARTGRID	00043872	BORON				
440707.60000	3873557.00000	3.5749420e-03	747.70	747.70	1.20	PERIOD
CARTGRID	00043872	BORON				
440757.60000	3873557.00000	3.4894080e-03	747.70	747.70	1.20	PERIOD
CARTGRID	00043872	BORON				
440807.60000	3873557.00000	3.4095040e-03	748.00	748.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440857.60000	3873557.00000	3.3316080e-03	748.20	748.20	1.20	PERIOD
CARTGRID	00043872	BORON				
440907.60000	3873557.00000	3.2575860e-03	748.60	748.60	1.20	PERIOD
CARTGRID	00043872	BORON				
440957.60000	3873557.00000	3.1891990e-03	749.00	749.00	1.20	PERIOD
CARTGRID	00043872	BORON				

441007.60000	3873557.00000	3.1274900e-03	749.20	749.20	1.20	PERIOD
CARTGRID	00043872	BORON				
441057.60000	3873557.00000	3.0731350e-03	749.50	749.50	1.20	PERIOD
CARTGRID	00043872	BORON				
441107.60000	3873557.00000	3.0231850e-03	749.50	749.50	1.20	PERIOD
CARTGRID	00043872	BORON				
441157.60000	3873557.00000	2.9748950e-03	749.50	749.50	1.20	PERIOD
CARTGRID	00043872	BORON				
441207.60000	3873557.00000	2.9265500e-03	749.70	749.70	1.20	PERIOD
CARTGRID	00043872	BORON				
441257.60000	3873557.00000	2.8773450e-03	749.80	749.80	1.20	PERIOD
CARTGRID	00043872	BORON				
441307.60000	3873557.00000	2.8276270e-03	750.10	750.10	1.20	PERIOD
CARTGRID	00043872	BORON				
441357.60000	3873557.00000	2.7766220e-03	750.10	750.10	1.20	PERIOD
CARTGRID	00043872	BORON				
441407.60000	3873557.00000	2.7242450e-03	750.40	750.40	1.20	PERIOD
CARTGRID	00043872	BORON				
441457.60000	3873557.00000	2.6704580e-03	750.40	750.40	1.20	PERIOD
CARTGRID	00043872	BORON				
439957.60000	3873607.00000	5.0361020e-03	744.90	744.90	1.20	PERIOD
CARTGRID	00043872	BORON				
440007.60000	3873607.00000	4.9265690e-03	745.00	745.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440057.60000	3873607.00000	4.8188120e-03	745.30	745.30	1.20	PERIOD
CARTGRID	00043872	BORON				
440107.60000	3873607.00000	4.7088880e-03	745.30	745.30	1.20	PERIOD
CARTGRID	00043872	BORON				
440157.60000	3873607.00000	4.6043720e-03	745.60	745.60	1.20	PERIOD
CARTGRID	00043872	BORON				
440207.60000	3873607.00000	4.4972250e-03	745.70	745.70	1.20	PERIOD
CARTGRID	00043872	BORON				
440257.60000	3873607.00000	4.3894200e-03	745.90	745.90	1.20	PERIOD
CARTGRID	00043872	BORON				
440307.60000	3873607.00000	4.2817760e-03	746.20	746.20	1.20	PERIOD
CARTGRID	00043872	BORON				
440357.60000	3873607.00000	4.1737140e-03	746.30	746.30	1.20	PERIOD
CARTGRID	00043872	BORON				
440407.60000	3873607.00000	4.0689130e-03	746.50	746.50	1.20	PERIOD
CARTGRID	00043872	BORON				
440457.60000	3873607.00000	3.9670810e-03	746.80	746.80	1.20	PERIOD
CARTGRID	00043872	BORON				
440507.60000	3873607.00000	3.8642650e-03	746.80	746.80	1.20	PERIOD
CARTGRID	00043872	BORON				
440557.60000	3873607.00000	3.7626660e-03	746.80	746.80	1.20	PERIOD
CARTGRID	00043872	BORON				
440607.60000	3873607.00000	3.6655800e-03	747.00	747.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440657.60000	3873607.00000	3.5743670e-03	747.20	747.20	1.20	PERIOD
CARTGRID	00043872	BORON				

440707.60000	3873607.00000	3.4888160e-03	747.20	747.20	1.20	PERIOD
CARTGRID	00043872	BORON				
440757.60000	3873607.00000	3.4086530e-03	747.20	747.20	1.20	PERIOD
CARTGRID	00043872	BORON				
440807.60000	3873607.00000	3.3320760e-03	747.30	747.30	1.20	PERIOD
CARTGRID	00043872	BORON				
440857.60000	3873607.00000	3.2586060e-03	747.70	747.70	1.20	PERIOD
CARTGRID	00043872	BORON				
440907.60000	3873607.00000	3.1879320e-03	748.20	748.20	1.20	PERIOD
CARTGRID	00043872	BORON				
440957.60000	3873607.00000	3.1214360e-03	748.40	748.40	1.20	PERIOD
CARTGRID	00043872	BORON				
441007.60000	3873607.00000	3.0617890e-03	748.70	748.70	1.20	PERIOD
CARTGRID	00043872	BORON				
441057.60000	3873607.00000	3.0085350e-03	749.00	749.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441107.60000	3873607.00000	2.9587960e-03	749.00	749.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441157.60000	3873607.00000	2.9111550e-03	749.20	749.20	1.20	PERIOD
CARTGRID	00043872	BORON				
441207.60000	3873607.00000	2.8634850e-03	749.30	749.30	1.20	PERIOD
CARTGRID	00043872	BORON				
441257.60000	3873607.00000	2.8152810e-03	749.50	749.50	1.20	PERIOD
CARTGRID	00043872	BORON				
441307.60000	3873607.00000	2.7664660e-03	749.60	749.60	1.20	PERIOD
CARTGRID	00043872	BORON				
441357.60000	3873607.00000	2.7163700e-03	749.80	749.80	1.20	PERIOD
CARTGRID	00043872	BORON				
441407.60000	3873607.00000	2.6645610e-03	749.90	749.90	1.20	PERIOD
CARTGRID	00043872	BORON				
441457.60000	3873607.00000	2.6112740e-03	749.90	749.90	1.20	PERIOD
CARTGRID	00043872	BORON				
439957.60000	3873657.00000	4.7946880e-03	744.60	744.60	1.20	PERIOD
CARTGRID	00043872	BORON				
440007.60000	3873657.00000	4.7008570e-03	744.90	744.90	1.20	PERIOD
CARTGRID	00043872	BORON				
440057.60000	3873657.00000	4.6020460e-03	744.90	744.90	1.20	PERIOD
CARTGRID	00043872	BORON				
440107.60000	3873657.00000	4.5059540e-03	745.10	745.10	1.20	PERIOD
CARTGRID	00043872	BORON				
440157.60000	3873657.00000	4.4114230e-03	745.30	745.30	1.20	PERIOD
CARTGRID	00043872	BORON				
440207.60000	3873657.00000	4.3174100e-03	745.50	745.50	1.20	PERIOD
CARTGRID	00043872	BORON				
440257.60000	3873657.00000	4.2223220e-03	745.70	745.70	1.20	PERIOD
CARTGRID	00043872	BORON				
440307.60000	3873657.00000	4.1270990e-03	746.00	746.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440357.60000	3873657.00000	4.0305760e-03	746.10	746.10	1.20	PERIOD
CARTGRID	00043872	BORON				

440407.60000	3873657.00000	3.9361840e-03	746.30	746.30	1.20	PERIOD
CARTGRID	00043872	BORON				
440457.60000	3873657.00000	3.8418540e-03	746.30	746.30	1.20	PERIOD
CARTGRID	00043872	BORON				
440507.60000	3873657.00000	3.7491270e-03	746.50	746.50	1.20	PERIOD
CARTGRID	00043872	BORON				
440557.60000	3873657.00000	3.6563470e-03	746.50	746.50	1.20	PERIOD
CARTGRID	00043872	BORON				
440607.60000	3873657.00000	3.5681140e-03	746.70	746.70	1.20	PERIOD
CARTGRID	00043872	BORON				
440657.60000	3873657.00000	3.4843670e-03	746.80	746.80	1.20	PERIOD
CARTGRID	00043872	BORON				
440707.60000	3873657.00000	3.4056300e-03	746.80	746.80	1.20	PERIOD
CARTGRID	00043872	BORON				
440757.60000	3873657.00000	3.3308610e-03	746.80	746.80	1.20	PERIOD
CARTGRID	00043872	BORON				
440807.60000	3873657.00000	3.2584850e-03	746.80	746.80	1.20	PERIOD
CARTGRID	00043872	BORON				
440857.60000	3873657.00000	3.1889240e-03	747.20	747.20	1.20	PERIOD
CARTGRID	00043872	BORON				
440907.60000	3873657.00000	3.1218660e-03	747.70	747.70	1.20	PERIOD
CARTGRID	00043872	BORON				
440957.60000	3873657.00000	3.0583770e-03	748.00	748.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441007.60000	3873657.00000	3.0006390e-03	748.30	748.30	1.20	PERIOD
CARTGRID	00043872	BORON				
441057.60000	3873657.00000	2.9481950e-03	748.50	748.50	1.20	PERIOD
CARTGRID	00043872	BORON				
441107.60000	3873657.00000	2.8995780e-03	748.80	748.80	1.20	PERIOD
CARTGRID	00043872	BORON				
441157.60000	3873657.00000	2.8518810e-03	748.90	748.90	1.20	PERIOD
CARTGRID	00043872	BORON				
441207.60000	3873657.00000	2.8049380e-03	749.10	749.10	1.20	PERIOD
CARTGRID	00043872	BORON				
441257.60000	3873657.00000	2.7577550e-03	749.20	749.20	1.20	PERIOD
CARTGRID	00043872	BORON				
441307.60000	3873657.00000	2.7099970e-03	749.40	749.40	1.20	PERIOD
CARTGRID	00043872	BORON				
441357.60000	3873657.00000	2.6604550e-03	749.40	749.40	1.20	PERIOD
CARTGRID	00043872	BORON				
441407.60000	3873657.00000	2.6092650e-03	749.50	749.50	1.20	PERIOD
CARTGRID	00043872	BORON				
441457.60000	3873657.00000	2.5566250e-03	749.50	749.50	1.20	PERIOD
CARTGRID	00043872	BORON				
439957.60000	3873707.00000	4.5786360e-03	744.30	744.30	1.20	PERIOD
CARTGRID	00043872	BORON				
440007.60000	3873707.00000	4.4956980e-03	744.60	744.60	1.20	PERIOD
CARTGRID	00043872	BORON				
440057.60000	3873707.00000	4.4087560e-03	744.70	744.70	1.20	PERIOD
CARTGRID	00043872	BORON				

440107.60000	3873707.00000	4.3219660e-03	744.90	744.90	1.20	PERIOD
CARTGRID	00043872	BORON				
440157.60000	3873707.00000	4.2363500e-03	745.10	745.10	1.20	PERIOD
CARTGRID	00043872	BORON				
440207.60000	3873707.00000	4.1516750e-03	745.30	745.30	1.20	PERIOD
CARTGRID	00043872	BORON				
440257.60000	3873707.00000	4.0668920e-03	745.50	745.50	1.20	PERIOD
CARTGRID	00043872	BORON				
440307.60000	3873707.00000	3.9799890e-03	745.50	745.50	1.20	PERIOD
CARTGRID	00043872	BORON				
440357.60000	3873707.00000	3.8954250e-03	745.80	745.80	1.20	PERIOD
CARTGRID	00043872	BORON				
440407.60000	3873707.00000	3.8091160e-03	745.80	745.80	1.20	PERIOD
CARTGRID	00043872	BORON				
440457.60000	3873707.00000	3.7250210e-03	746.10	746.10	1.20	PERIOD
CARTGRID	00043872	BORON				
440507.60000	3873707.00000	3.6394980e-03	746.20	746.20	1.20	PERIOD
CARTGRID	00043872	BORON				
440557.60000	3873707.00000	3.5556060e-03	746.40	746.40	1.20	PERIOD
CARTGRID	00043872	BORON				
440607.60000	3873707.00000	3.4744040e-03	746.50	746.50	1.20	PERIOD
CARTGRID	00043872	BORON				
440657.60000	3873707.00000	3.3982990e-03	746.70	746.70	1.20	PERIOD
CARTGRID	00043872	BORON				
440707.60000	3873707.00000	3.3247220e-03	746.50	746.50	1.20	PERIOD
CARTGRID	00043872	BORON				
440757.60000	3873707.00000	3.2553340e-03	746.50	746.50	1.20	PERIOD
CARTGRID	00043872	BORON				
440807.60000	3873707.00000	3.1888340e-03	746.80	746.80	1.20	PERIOD
CARTGRID	00043872	BORON				
440857.60000	3873707.00000	3.1228420e-03	747.00	747.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440907.60000	3873707.00000	3.0592080e-03	747.40	747.40	1.20	PERIOD
CARTGRID	00043872	BORON				
440957.60000	3873707.00000	2.9989590e-03	747.70	747.70	1.20	PERIOD
CARTGRID	00043872	BORON				
441007.60000	3873707.00000	2.9434880e-03	748.00	748.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441057.60000	3873707.00000	2.8923670e-03	748.30	748.30	1.20	PERIOD
CARTGRID	00043872	BORON				
441107.60000	3873707.00000	2.8443350e-03	748.60	748.60	1.20	PERIOD
CARTGRID	00043872	BORON				
441157.60000	3873707.00000	2.7968630e-03	748.60	748.60	1.20	PERIOD
CARTGRID	00043872	BORON				
441207.60000	3873707.00000	2.7506130e-03	748.80	748.80	1.20	PERIOD
CARTGRID	00043872	BORON				
441257.60000	3873707.00000	2.7042280e-03	748.90	748.90	1.20	PERIOD
CARTGRID	00043872	BORON				
441307.60000	3873707.00000	2.6574940e-03	749.20	749.20	1.20	PERIOD
CARTGRID	00043872	BORON				

441357.60000	3873707.00000	2.6088610e-03	749.20	749.20	1.20	PERIOD
CARTGRID	00043872	BORON				
441407.60000	3873707.00000	2.5581940e-03	749.20	749.20	1.20	PERIOD
CARTGRID	00043872	BORON				
441457.60000	3873707.00000	2.5065990e-03	749.50	749.50	1.20	PERIOD
CARTGRID	00043872	BORON				
439957.60000	3873757.00000	4.3852940e-03	744.10	744.10	1.20	PERIOD
CARTGRID	00043872	BORON				
440007.60000	3873757.00000	4.3101930e-03	744.30	744.30	1.20	PERIOD
CARTGRID	00043872	BORON				
440057.60000	3873757.00000	4.2332310e-03	744.50	744.50	1.20	PERIOD
CARTGRID	00043872	BORON				
440107.60000	3873757.00000	4.1546200e-03	744.70	744.70	1.20	PERIOD
CARTGRID	00043872	BORON				
440157.60000	3873757.00000	4.0761810e-03	744.90	744.90	1.20	PERIOD
CARTGRID	00043872	BORON				
440207.60000	3873757.00000	3.9981450e-03	745.00	745.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440257.60000	3873757.00000	3.9218450e-03	745.20	745.20	1.20	PERIOD
CARTGRID	00043872	BORON				
440307.60000	3873757.00000	3.8449720e-03	745.30	745.30	1.20	PERIOD
CARTGRID	00043872	BORON				
440357.60000	3873757.00000	3.7686310e-03	745.50	745.50	1.20	PERIOD
CARTGRID	00043872	BORON				
440407.60000	3873757.00000	3.6914150e-03	745.60	745.60	1.20	PERIOD
CARTGRID	00043872	BORON				
440457.60000	3873757.00000	3.6146700e-03	745.90	745.90	1.20	PERIOD
CARTGRID	00043872	BORON				
440507.60000	3873757.00000	3.5360370e-03	746.00	746.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440557.60000	3873757.00000	3.4589830e-03	746.20	746.20	1.20	PERIOD
CARTGRID	00043872	BORON				
440607.60000	3873757.00000	3.3839340e-03	746.20	746.20	1.20	PERIOD
CARTGRID	00043872	BORON				
440657.60000	3873757.00000	3.3130170e-03	746.20	746.20	1.20	PERIOD
CARTGRID	00043872	BORON				
440707.60000	3873757.00000	3.2466940e-03	746.40	746.40	1.20	PERIOD
CARTGRID	00043872	BORON				
440757.60000	3873757.00000	3.1825550e-03	746.50	746.50	1.20	PERIOD
CARTGRID	00043872	BORON				
440807.60000	3873757.00000	3.1199430e-03	746.60	746.60	1.20	PERIOD
CARTGRID	00043872	BORON				
440857.60000	3873757.00000	3.0583840e-03	746.80	746.80	1.20	PERIOD
CARTGRID	00043872	BORON				
440907.60000	3873757.00000	2.9977300e-03	746.80	746.80	1.20	PERIOD
CARTGRID	00043872	BORON				
440957.60000	3873757.00000	2.9412250e-03	747.20	747.20	1.20	PERIOD
CARTGRID	00043872	BORON				
441007.60000	3873757.00000	2.8888820e-03	747.70	747.70	1.20	PERIOD
CARTGRID	00043872	BORON				

441057.60000	3873757.00000	2.8394530e-03	748.00	748.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441107.60000	3873757.00000	2.7917870e-03	748.10	748.10	1.20	PERIOD
CARTGRID	00043872	BORON				
441157.60000	3873757.00000	2.7457300e-03	748.40	748.40	1.20	PERIOD
CARTGRID	00043872	BORON				
441207.60000	3873757.00000	2.7001890e-03	748.60	748.60	1.20	PERIOD
CARTGRID	00043872	BORON				
441257.60000	3873757.00000	2.6545780e-03	748.70	748.70	1.20	PERIOD
CARTGRID	00043872	BORON				
441307.60000	3873757.00000	2.6086840e-03	748.90	748.90	1.20	PERIOD
CARTGRID	00043872	BORON				
441357.60000	3873757.00000	2.5611370e-03	749.10	749.10	1.20	PERIOD
CARTGRID	00043872	BORON				
441407.60000	3873757.00000	2.5114860e-03	749.20	749.20	1.20	PERIOD
CARTGRID	00043872	BORON				
441457.60000	3873757.00000	2.4602900e-03	749.20	749.20	1.20	PERIOD
CARTGRID	00043872	BORON				
439957.60000	3873807.00000	4.2081610e-03	743.70	743.70	1.20	PERIOD
CARTGRID	00043872	BORON				
440007.60000	3873807.00000	4.1417010e-03	744.00	744.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440057.60000	3873807.00000	4.0723160e-03	744.20	744.20	1.20	PERIOD
CARTGRID	00043872	BORON				
440107.60000	3873807.00000	4.0014510e-03	744.50	744.50	1.20	PERIOD
CARTGRID	00043872	BORON				
440157.60000	3873807.00000	3.9292510e-03	744.70	744.70	1.20	PERIOD
CARTGRID	00043872	BORON				
440207.60000	3873807.00000	3.8574530e-03	744.80	744.80	1.20	PERIOD
CARTGRID	00043872	BORON				
440257.60000	3873807.00000	3.7872760e-03	744.90	744.90	1.20	PERIOD
CARTGRID	00043872	BORON				
440307.60000	3873807.00000	3.7188330e-03	745.10	745.10	1.20	PERIOD
CARTGRID	00043872	BORON				
440357.60000	3873807.00000	3.6504140e-03	745.30	745.30	1.20	PERIOD
CARTGRID	00043872	BORON				
440407.60000	3873807.00000	3.5811080e-03	745.50	745.50	1.20	PERIOD
CARTGRID	00043872	BORON				
440457.60000	3873807.00000	3.5103840e-03	745.70	745.70	1.20	PERIOD
CARTGRID	00043872	BORON				
440507.60000	3873807.00000	3.4380440e-03	745.80	745.80	1.20	PERIOD
CARTGRID	00043872	BORON				
440557.60000	3873807.00000	3.3669380e-03	746.00	746.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440607.60000	3873807.00000	3.2980990e-03	746.10	746.10	1.20	PERIOD
CARTGRID	00043872	BORON				
440657.60000	3873807.00000	3.2329060e-03	746.20	746.20	1.20	PERIOD
CARTGRID	00043872	BORON				
440707.60000	3873807.00000	3.1703880e-03	746.20	746.20	1.20	PERIOD
CARTGRID	00043872	BORON				

440757.60000	3873807.00000	3.1107610e-03	746.30	746.30	1.20	PERIOD
CARTGRID	00043872	BORON				
440807.60000	3873807.00000	3.0528030e-03	746.50	746.50	1.20	PERIOD
CARTGRID	00043872	BORON				
440857.60000	3873807.00000	2.9953930e-03	746.60	746.60	1.20	PERIOD
CARTGRID	00043872	BORON				
440907.60000	3873807.00000	2.9395860e-03	746.80	746.80	1.20	PERIOD
CARTGRID	00043872	BORON				
440957.60000	3873807.00000	2.8863260e-03	747.10	747.10	1.20	PERIOD
CARTGRID	00043872	BORON				
441007.60000	3873807.00000	2.8360440e-03	747.40	747.40	1.20	PERIOD
CARTGRID	00043872	BORON				
441057.60000	3873807.00000	2.7884780e-03	747.70	747.70	1.20	PERIOD
CARTGRID	00043872	BORON				
441107.60000	3873807.00000	2.7425620e-03	748.00	748.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441157.60000	3873807.00000	2.6975520e-03	748.30	748.30	1.20	PERIOD
CARTGRID	00043872	BORON				
441207.60000	3873807.00000	2.6529310e-03	748.50	748.50	1.20	PERIOD
CARTGRID	00043872	BORON				
441257.60000	3873807.00000	2.6082810e-03	748.60	748.60	1.20	PERIOD
CARTGRID	00043872	BORON				
441307.60000	3873807.00000	2.5634540e-03	748.90	748.90	1.20	PERIOD
CARTGRID	00043872	BORON				
441357.60000	3873807.00000	2.5164960e-03	748.90	748.90	1.20	PERIOD
CARTGRID	00043872	BORON				
441407.60000	3873807.00000	2.4680110e-03	749.10	749.10	1.20	PERIOD
CARTGRID	00043872	BORON				
441457.60000	3873807.00000	2.4177250e-03	749.20	749.20	1.20	PERIOD
CARTGRID	00043872	BORON				
439957.60000	3873857.00000	4.0510100e-03	743.70	743.70	1.20	PERIOD
CARTGRID	00043872	BORON				
440007.60000	3873857.00000	3.9878070e-03	743.70	743.70	1.20	PERIOD
CARTGRID	00043872	BORON				
440057.60000	3873857.00000	3.9256330e-03	744.00	744.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440107.60000	3873857.00000	3.8607070e-03	744.30	744.30	1.20	PERIOD
CARTGRID	00043872	BORON				
440157.60000	3873857.00000	3.7939350e-03	744.50	744.50	1.20	PERIOD
CARTGRID	00043872	BORON				
440207.60000	3873857.00000	3.7275100e-03	744.60	744.60	1.20	PERIOD
CARTGRID	00043872	BORON				
440257.60000	3873857.00000	3.6644820e-03	744.90	744.90	1.20	PERIOD
CARTGRID	00043872	BORON				
440307.60000	3873857.00000	3.6010160e-03	744.90	744.90	1.20	PERIOD
CARTGRID	00043872	BORON				
440357.60000	3873857.00000	3.5399050e-03	745.20	745.20	1.20	PERIOD
CARTGRID	00043872	BORON				
440407.60000	3873857.00000	3.4759130e-03	745.20	745.20	1.20	PERIOD
CARTGRID	00043872	BORON				



440457.60000	3873857.00000	3.4116880e-03	745.50	745.50	1.20	PERIOD
CARTGRID	00043872	BORON				
440507.60000	3873857.00000	3.3444300e-03	745.50	745.50	1.20	PERIOD
CARTGRID	00043872	BORON				
440557.60000	3873857.00000	3.2792860e-03	745.80	745.80	1.20	PERIOD
CARTGRID	00043872	BORON				
440607.60000	3873857.00000	3.2151300e-03	745.80	745.80	1.20	PERIOD
CARTGRID	00043872	BORON				
440657.60000	3873857.00000	3.1543780e-03	745.90	745.90	1.20	PERIOD
CARTGRID	00043872	BORON				
440707.60000	3873857.00000	3.0969090e-03	746.10	746.10	1.20	PERIOD
CARTGRID	00043872	BORON				
440757.60000	3873857.00000	3.0411930e-03	746.20	746.20	1.20	PERIOD
CARTGRID	00043872	BORON				
440807.60000	3873857.00000	2.9875890e-03	746.50	746.50	1.20	PERIOD
CARTGRID	00043872	BORON				
440857.60000	3873857.00000	2.9346960e-03	746.70	746.70	1.20	PERIOD
CARTGRID	00043872	BORON				
440907.60000	3873857.00000	2.8828000e-03	746.90	746.90	1.20	PERIOD
CARTGRID	00043872	BORON				
440957.60000	3873857.00000	2.8324160e-03	747.00	747.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441007.60000	3873857.00000	2.7843130e-03	747.10	747.10	1.20	PERIOD
CARTGRID	00043872	BORON				
441057.60000	3873857.00000	2.7387880e-03	747.40	747.40	1.20	PERIOD
CARTGRID	00043872	BORON				
441107.60000	3873857.00000	2.6946120e-03	747.70	747.70	1.20	PERIOD
CARTGRID	00043872	BORON				
441157.60000	3873857.00000	2.6510180e-03	748.00	748.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441207.60000	3873857.00000	2.6077090e-03	748.30	748.30	1.20	PERIOD
CARTGRID	00043872	BORON				
441257.60000	3873857.00000	2.5647590e-03	748.60	748.60	1.20	PERIOD
CARTGRID	00043872	BORON				
441307.60000	3873857.00000	2.5209290e-03	748.90	748.90	1.20	PERIOD
CARTGRID	00043872	BORON				
441357.60000	3873857.00000	2.4749480e-03	748.90	748.90	1.20	PERIOD
CARTGRID	00043872	BORON				
441407.60000	3873857.00000	2.4273120e-03	749.00	749.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441457.60000	3873857.00000	2.3781680e-03	749.20	749.20	1.20	PERIOD
CARTGRID	00043872	BORON				
439957.60000	3873907.00000	3.9040310e-03	743.40	743.40	1.20	PERIOD
CARTGRID	00043872	BORON				
440007.60000	3873907.00000	3.8480340e-03	743.60	743.60	1.20	PERIOD
CARTGRID	00043872	BORON				
440057.60000	3873907.00000	3.7904610e-03	743.80	743.80	1.20	PERIOD
CARTGRID	00043872	BORON				
440107.60000	3873907.00000	3.7298800e-03	744.00	744.00	1.20	PERIOD
CARTGRID	00043872	BORON				

440157.60000	3873907.00000	3.6673740e-03	744.10	744.10	1.20	PERIOD
CARTGRID	00043872	BORON				
440207.60000	3873907.00000	3.6064290e-03	744.30	744.30	1.20	PERIOD
CARTGRID	00043872	BORON				
440257.60000	3873907.00000	3.5482750e-03	744.60	744.60	1.20	PERIOD
CARTGRID	00043872	BORON				
440307.60000	3873907.00000	3.4920200e-03	744.90	744.90	1.20	PERIOD
CARTGRID	00043872	BORON				
440357.60000	3873907.00000	3.4350950e-03	745.00	745.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440407.60000	3873907.00000	3.3778830e-03	745.20	745.20	1.20	PERIOD
CARTGRID	00043872	BORON				
440457.60000	3873907.00000	3.3179330e-03	745.30	745.30	1.20	PERIOD
CARTGRID	00043872	BORON				
440507.60000	3873907.00000	3.2563690e-03	745.40	745.40	1.20	PERIOD
CARTGRID	00043872	BORON				
440557.60000	3873907.00000	3.1952020e-03	745.50	745.50	1.20	PERIOD
CARTGRID	00043872	BORON				
440607.60000	3873907.00000	3.1359560e-03	745.60	745.60	1.20	PERIOD
CARTGRID	00043872	BORON				
440657.60000	3873907.00000	3.0795780e-03	745.80	745.80	1.20	PERIOD
CARTGRID	00043872	BORON				
440707.60000	3873907.00000	3.0254110e-03	745.90	745.90	1.20	PERIOD
CARTGRID	00043872	BORON				
440757.60000	3873907.00000	2.9740720e-03	746.20	746.20	1.20	PERIOD
CARTGRID	00043872	BORON				
440807.60000	3873907.00000	2.9235280e-03	746.30	746.30	1.20	PERIOD
CARTGRID	00043872	BORON				
440857.60000	3873907.00000	2.8743320e-03	746.50	746.50	1.20	PERIOD
CARTGRID	00043872	BORON				
440907.60000	3873907.00000	2.8263370e-03	746.80	746.80	1.20	PERIOD
CARTGRID	00043872	BORON				
440957.60000	3873907.00000	2.7789540e-03	746.80	746.80	1.20	PERIOD
CARTGRID	00043872	BORON				
441007.60000	3873907.00000	2.7333130e-03	746.80	746.80	1.20	PERIOD
CARTGRID	00043872	BORON				
441057.60000	3873907.00000	2.6897800e-03	747.00	747.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441107.60000	3873907.00000	2.6476570e-03	747.40	747.40	1.20	PERIOD
CARTGRID	00043872	BORON				
441157.60000	3873907.00000	2.6063020e-03	748.00	748.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441207.60000	3873907.00000	2.5646090e-03	748.30	748.30	1.20	PERIOD
CARTGRID	00043872	BORON				
441257.60000	3873907.00000	2.5227710e-03	748.60	748.60	1.20	PERIOD
CARTGRID	00043872	BORON				
441307.60000	3873907.00000	2.4796820e-03	748.60	748.60	1.20	PERIOD
CARTGRID	00043872	BORON				
441357.60000	3873907.00000	2.4354110e-03	748.90	748.90	1.20	PERIOD
CARTGRID	00043872	BORON				

441407.60000	3873907.00000	2.3888280e-03	749.00	749.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441457.60000	3873907.00000	2.3406490e-03	749.20	749.20	1.20	PERIOD
CARTGRID	00043872	BORON				
439957.60000	3873957.00000	3.7711750e-03	743.40	743.40	1.20	PERIOD
CARTGRID	00043872	BORON				
440007.60000	3873957.00000	3.7178830e-03	743.40	743.40	1.20	PERIOD
CARTGRID	00043872	BORON				
440057.60000	3873957.00000	3.6658000e-03	743.70	743.70	1.20	PERIOD
CARTGRID	00043872	BORON				
440107.60000	3873957.00000	3.6083830e-03	743.70	743.70	1.20	PERIOD
CARTGRID	00043872	BORON				
440157.60000	3873957.00000	3.5503910e-03	743.80	743.80	1.20	PERIOD
CARTGRID	00043872	BORON				
440207.60000	3873957.00000	3.4937880e-03	744.00	744.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440257.60000	3873957.00000	3.4417910e-03	744.60	744.60	1.20	PERIOD
CARTGRID	00043872	BORON				
440307.60000	3873957.00000	3.3891160e-03	744.80	744.80	1.20	PERIOD
CARTGRID	00043872	BORON				
440357.60000	3873957.00000	3.3368080e-03	744.90	744.90	1.20	PERIOD
CARTGRID	00043872	BORON				
440407.60000	3873957.00000	3.2846690e-03	745.20	745.20	1.20	PERIOD
CARTGRID	00043872	BORON				
440457.60000	3873957.00000	3.2289440e-03	745.20	745.20	1.20	PERIOD
CARTGRID	00043872	BORON				
440507.60000	3873957.00000	3.1717270e-03	745.20	745.20	1.20	PERIOD
CARTGRID	00043872	BORON				
440557.60000	3873957.00000	3.1158210e-03	745.50	745.50	1.20	PERIOD
CARTGRID	00043872	BORON				
440607.60000	3873957.00000	3.0602160e-03	745.50	745.50	1.20	PERIOD
CARTGRID	00043872	BORON				
440657.60000	3873957.00000	3.0071640e-03	745.60	745.60	1.20	PERIOD
CARTGRID	00043872	BORON				
440707.60000	3873957.00000	2.9567400e-03	745.80	745.80	1.20	PERIOD
CARTGRID	00043872	BORON				
440757.60000	3873957.00000	2.9082130e-03	746.00	746.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440807.60000	3873957.00000	2.8613410e-03	746.20	746.20	1.20	PERIOD
CARTGRID	00043872	BORON				
440857.60000	3873957.00000	2.8158560e-03	746.50	746.50	1.20	PERIOD
CARTGRID	00043872	BORON				
440907.60000	3873957.00000	2.7703270e-03	746.50	746.50	1.20	PERIOD
CARTGRID	00043872	BORON				
440957.60000	3873957.00000	2.7258620e-03	746.50	746.50	1.20	PERIOD
CARTGRID	00043872	BORON				
441007.60000	3873957.00000	2.6832840e-03	746.70	746.70	1.20	PERIOD
CARTGRID	00043872	BORON				
441057.60000	3873957.00000	2.6419340e-03	746.90	746.90	1.20	PERIOD
CARTGRID	00043872	BORON				

441107.60000	3873957.00000	2.6020540e-03	747.40	747.40	1.20	PERIOD
CARTGRID	00043872	BORON				
441157.60000	3873957.00000	2.5623970e-03	748.00	748.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441207.60000	3873957.00000	2.5223740e-03	748.30	748.30	1.20	PERIOD
CARTGRID	00043872	BORON				
441257.60000	3873957.00000	2.4820150e-03	748.60	748.60	1.20	PERIOD
CARTGRID	00043872	BORON				
441307.60000	3873957.00000	2.4402700e-03	748.70	748.70	1.20	PERIOD
CARTGRID	00043872	BORON				
441357.60000	3873957.00000	2.3970620e-03	748.90	748.90	1.20	PERIOD
CARTGRID	00043872	BORON				
441407.60000	3873957.00000	2.3518710e-03	749.10	749.10	1.20	PERIOD
CARTGRID	00043872	BORON				
441457.60000	3873957.00000	2.3048760e-03	749.20	749.20	1.20	PERIOD
CARTGRID	00043872	BORON				
439957.60000	3874007.00000	3.6477330e-03	743.40	743.40	1.20	PERIOD
CARTGRID	00043872	BORON				
440007.60000	3874007.00000	3.5984090e-03	743.40	743.40	1.20	PERIOD
CARTGRID	00043872	BORON				
440057.60000	3874007.00000	3.5503210e-03	743.70	743.70	1.20	PERIOD
CARTGRID	00043872	BORON				
440107.60000	3874007.00000	3.4970620e-03	743.70	743.70	1.20	PERIOD
CARTGRID	00043872	BORON				
440157.60000	3874007.00000	3.4425330e-03	743.70	743.70	1.20	PERIOD
CARTGRID	00043872	BORON				
440207.60000	3874007.00000	3.3884930e-03	743.70	743.70	1.20	PERIOD
CARTGRID	00043872	BORON				
440257.60000	3874007.00000	3.3419950e-03	744.60	744.60	1.20	PERIOD
CARTGRID	00043872	BORON				
440307.60000	3874007.00000	3.2933940e-03	744.90	744.90	1.20	PERIOD
CARTGRID	00043872	BORON				
440357.60000	3874007.00000	3.2441940e-03	744.90	744.90	1.20	PERIOD
CARTGRID	00043872	BORON				
440407.60000	3874007.00000	3.1959240e-03	745.20	745.20	1.20	PERIOD
CARTGRID	00043872	BORON				
440457.60000	3874007.00000	3.1444150e-03	745.20	745.20	1.20	PERIOD
CARTGRID	00043872	BORON				
440507.60000	3874007.00000	3.0914180e-03	745.20	745.20	1.20	PERIOD
CARTGRID	00043872	BORON				
440557.60000	3874007.00000	3.0396310e-03	745.50	745.50	1.20	PERIOD
CARTGRID	00043872	BORON				
440607.60000	3874007.00000	2.9877860e-03	745.50	745.50	1.20	PERIOD
CARTGRID	00043872	BORON				
440657.60000	3874007.00000	2.9376660e-03	745.50	745.50	1.20	PERIOD
CARTGRID	00043872	BORON				
440707.60000	3874007.00000	2.8906560e-03	745.80	745.80	1.20	PERIOD
CARTGRID	00043872	BORON				
440757.60000	3874007.00000	2.8450590e-03	746.00	746.00	1.20	PERIOD
CARTGRID	00043872	BORON				

440807.60000	3874007.00000	2.8010740e-03	746.20	746.20	1.20	PERIOD
CARTGRID	00043872	BORON				
440857.60000	3874007.00000	2.7585630e-03	746.50	746.50	1.20	PERIOD
CARTGRID	00043872	BORON				
440907.60000	3874007.00000	2.7167900e-03	746.80	746.80	1.20	PERIOD
CARTGRID	00043872	BORON				
440957.60000	3874007.00000	2.6741650e-03	746.50	746.50	1.20	PERIOD
CARTGRID	00043872	BORON				
441007.60000	3874007.00000	2.6342500e-03	746.80	746.80	1.20	PERIOD
CARTGRID	00043872	BORON				
441057.60000	3874007.00000	2.5950190e-03	747.00	747.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441107.60000	3874007.00000	2.5568900e-03	747.50	747.50	1.20	PERIOD
CARTGRID	00043872	BORON				
441157.60000	3874007.00000	2.5189280e-03	748.00	748.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441207.60000	3874007.00000	2.4809360e-03	748.50	748.50	1.20	PERIOD
CARTGRID	00043872	BORON				
441257.60000	3874007.00000	2.4419540e-03	748.70	748.70	1.20	PERIOD
CARTGRID	00043872	BORON				
441307.60000	3874007.00000	2.4018220e-03	748.90	748.90	1.20	PERIOD
CARTGRID	00043872	BORON				
441357.60000	3874007.00000	2.3599170e-03	749.10	749.10	1.20	PERIOD
CARTGRID	00043872	BORON				
441407.60000	3874007.00000	2.3157930e-03	749.20	749.20	1.20	PERIOD
CARTGRID	00043872	BORON				
441457.60000	3874007.00000	2.2699730e-03	749.20	749.20	1.20	PERIOD
CARTGRID	00043872	BORON				
439957.60000	3874057.00000	3.5361010e-03	743.90	743.90	1.20	PERIOD
CARTGRID	00043872	BORON				
440007.60000	3874057.00000	3.4902980e-03	743.90	743.90	1.20	PERIOD
CARTGRID	00043872	BORON				
440057.60000	3874057.00000	3.4434020e-03	743.90	743.90	1.20	PERIOD
CARTGRID	00043872	BORON				
440107.60000	3874057.00000	3.3940040e-03	743.90	743.90	1.20	PERIOD
CARTGRID	00043872	BORON				
440157.60000	3874057.00000	3.3438740e-03	744.00	744.00	1.20	PERIOD
CARTGRID	00043872	BORON				
440207.60000	3874057.00000	3.2952390e-03	744.30	744.30	1.20	PERIOD
CARTGRID	00043872	BORON				
440257.60000	3874057.00000	3.2480030e-03	744.60	744.60	1.20	PERIOD
CARTGRID	00043872	BORON				
440307.60000	3874057.00000	3.2023810e-03	744.90	744.90	1.20	PERIOD
CARTGRID	00043872	BORON				
440357.60000	3874057.00000	3.1576830e-03	745.20	745.20	1.20	PERIOD
CARTGRID	00043872	BORON				
440407.60000	3874057.00000	3.1111800e-03	745.20	745.20	1.20	PERIOD
CARTGRID	00043872	BORON				
440457.60000	3874057.00000	3.0641530e-03	745.40	745.40	1.20	PERIOD
CARTGRID	00043872	BORON				

440507.60000	3874057.00000	3.0154960e-03	745.50	745.50	1.20	PERIOD
CARTGRID	00043872	BORON				
440557.60000	3874057.00000	2.9662130e-03	745.50	745.50	1.20	PERIOD
CARTGRID	00043872	BORON				
440607.60000	3874057.00000	2.9177790e-03	745.50	745.50	1.20	PERIOD
CARTGRID	00043872	BORON				
440657.60000	3874057.00000	2.8712230e-03	745.60	745.60	1.20	PERIOD
CARTGRID	00043872	BORON				
440707.60000	3874057.00000	2.8265300e-03	745.80	745.80	1.20	PERIOD
CARTGRID	00043872	BORON				
440757.60000	3874057.00000	2.7842540e-03	746.20	746.20	1.20	PERIOD
CARTGRID	00043872	BORON				
440807.60000	3874057.00000	2.7429600e-03	746.40	746.40	1.20	PERIOD
CARTGRID	00043872	BORON				
440857.60000	3874057.00000	2.7032080e-03	746.80	746.80	1.20	PERIOD
CARTGRID	00043872	BORON				
440907.60000	3874057.00000	2.6632640e-03	746.80	746.80	1.20	PERIOD
CARTGRID	00043872	BORON				
440957.60000	3874057.00000	2.6244920e-03	747.00	747.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441007.60000	3874057.00000	2.5859210e-03	747.00	747.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441057.60000	3874057.00000	2.5486150e-03	747.20	747.20	1.20	PERIOD
CARTGRID	00043872	BORON				
441107.60000	3874057.00000	2.5125610e-03	747.80	747.80	1.20	PERIOD
CARTGRID	00043872	BORON				
441157.60000	3874057.00000	2.4763300e-03	748.30	748.30	1.20	PERIOD
CARTGRID	00043872	BORON				
441207.60000	3874057.00000	2.4397660e-03	748.70	748.70	1.20	PERIOD
CARTGRID	00043872	BORON				
441257.60000	3874057.00000	2.4024550e-03	749.00	749.00	1.20	PERIOD
CARTGRID	00043872	BORON				
441307.60000	3874057.00000	2.3635880e-03	749.10	749.10	1.20	PERIOD
CARTGRID	00043872	BORON				
441357.60000	3874057.00000	2.3228580e-03	749.20	749.20	1.20	PERIOD
CARTGRID	00043872	BORON				
441407.60000	3874057.00000	2.2802510e-03	749.40	749.40	1.20	PERIOD
CARTGRID	00043872	BORON				
441457.60000	3874057.00000	2.2360110e-03	749.70	749.70	1.20	PERIOD
CARTGRID	00043872	BORON				
439914.00000	3872794.00000	2.1337510e-02	752.00	752.00	1.20	PERIOD
SENSITIV	00043872					
436263.00000	3873356.00000	1.1399450e-02	732.87	732.87	1.20	PERIOD
SENSITIV	00043872					
435903.00000	3873538.00000	1.1128620e-02	728.47	728.47	1.20	PERIOD
SENSITIV	00043872					
435899.00000	3873948.00000	8.1997100e-03	728.47	728.47	1.20	PERIOD
SENSITIV	00043872					
442261.30000	3871403.00000	6.6633550e-03	775.00	775.00	1.20	PERIOD
PROPERTY	00043872					

442263.60000	3871503.00000	1.3937770e-02	774.09	774.09	1.20	PERIOD
PROPERTY	00043872					
442265.80000	3871603.00000	1.5502080e-02	773.08	773.08	1.20	PERIOD
PROPERTY	00043872					
442268.00000	3871703.00000	1.6105840e-02	772.00	772.00	1.20	PERIOD
PROPERTY	00043872					
442270.30000	3871803.00000	1.6215380e-02	770.42	770.42	1.20	PERIOD
PROPERTY	00043872					
442272.50000	3871903.00000	1.6273890e-02	769.01	769.01	1.20	PERIOD
PROPERTY	00043872					
442274.70000	3872003.00000	1.6454600e-02	768.79	768.79	1.20	PERIOD
PROPERTY	00043872					
442276.90000	3872103.00000	1.6399660e-02	768.00	768.00	1.20	PERIOD
PROPERTY	00043872					
442279.20000	3872203.00000	1.6289810e-02	768.03	768.03	1.20	PERIOD
PROPERTY	00043872					
442281.40000	3872303.00000	1.5741230e-02	767.00	767.00	1.20	PERIOD
PROPERTY	00043872					
442283.60000	3872403.00000	1.4207430e-02	765.68	765.68	1.20	PERIOD
PROPERTY	00043872					
442284.20000	3872428.00000	1.2908340e-02	765.28	765.28	1.20	PERIOD
PROPERTY	00043872					
442184.30000	3872431.00000	1.7629010e-02	764.56	764.56	1.20	PERIOD
PROPERTY	00043872					
442084.30000	3872435.00000	1.8641560e-02	764.28	764.28	1.20	PERIOD
PROPERTY	00043872					
441984.40000	3872438.00000	1.9111520e-02	764.00	764.00	1.20	PERIOD
PROPERTY	00043872					
441884.40000	3872441.00000	1.9177560e-02	763.28	763.28	1.20	PERIOD
PROPERTY	00043872					
441784.50000	3872445.00000	1.8848590e-02	763.00	763.00	1.20	PERIOD
PROPERTY	00043872					
441684.50000	3872448.00000	1.8220080e-02	762.00	762.00	1.20	PERIOD
PROPERTY	00043872					
441584.60000	3872451.00000	1.6828440e-02	762.00	762.00	1.20	PERIOD
PROPERTY	00043872					
441487.60000	3872455.00000	1.1262160e-02	761.00	761.00	1.20	PERIOD
PROPERTY	00043872					
441485.00000	3872355.00000	1.4785320e-02	762.00	762.00	1.20	PERIOD
PROPERTY	00043872					
441482.40000	3872255.00000	2.0119960e-02	762.00	762.00	1.20	PERIOD
PROPERTY	00043872					
441482.30000	3872248.00000	2.0781080e-02	762.00	762.00	1.20	PERIOD
PROPERTY	00043872					
441382.30000	3872252.00000	1.7439220e-02	761.23	761.23	1.20	PERIOD
PROPERTY	00043872					
441283.60000	3872255.00000	1.1497650e-02	761.00	761.00	1.20	PERIOD
PROPERTY	00043872					
441281.30000	3872155.00000	1.3856960e-02	761.68	761.68	1.20	PERIOD
PROPERTY	00043872					

441279.00000	3872055.00000	1.4924820e-02	763.00	763.00	1.20	PERIOD
PROPERTY	00043872					
441276.70000	3871955.00000	1.6429970e-02	764.35	764.35	1.20	PERIOD
PROPERTY	00043872					
441274.30000	3871855.00000	2.1001540e-02	766.00	766.00	1.20	PERIOD
PROPERTY	00043872					
441274.10000	3871844.00000	2.2030620e-02	766.01	766.01	1.20	PERIOD
PROPERTY	00043872					
441174.10000	3871847.00000	2.0018500e-02	766.00	766.00	1.20	PERIOD
PROPERTY	00043872					
441074.20000	3871850.00000	1.9299190e-02	766.72	766.72	1.20	PERIOD
PROPERTY	00043872					
440974.20000	3871853.00000	1.8563670e-02	766.75	766.75	1.20	PERIOD
PROPERTY	00043872					
440874.30000	3871856.00000	1.7627710e-02	766.65	766.65	1.20	PERIOD
PROPERTY	00043872					
440774.30000	3871859.00000	1.5972120e-02	766.55	766.55	1.20	PERIOD
PROPERTY	00043872					
440676.30000	3871862.00000	1.0297940e-02	766.00	766.00	1.20	PERIOD
PROPERTY	00043872					
440674.00000	3871762.00000	1.2072610e-02	768.00	768.00	1.20	PERIOD
PROPERTY	00043872					
440671.70000	3871662.00000	1.1844050e-02	768.00	768.00	1.20	PERIOD
PROPERTY	00043872					
440669.30000	3871562.00000	1.0842900e-02	768.45	768.45	1.20	PERIOD
PROPERTY	00043872					
440667.00000	3871463.00000	7.3636790e-03	770.43	770.43	1.20	PERIOD
PROPERTY	00043872					
440666.80000	3871450.00000	6.5092070e-03	770.64	770.64	1.20	PERIOD
PROPERTY	00043872					
440766.70000	3871447.00000	8.6479240e-03	771.00	771.00	1.20	PERIOD
PROPERTY	00043872					
440866.70000	3871444.00000	9.2961200e-03	771.00	771.00	1.20	PERIOD
PROPERTY	00043872					
440966.60000	3871441.00000	9.7445890e-03	771.48	771.48	1.20	PERIOD
PROPERTY	00043872					
441066.60000	3871438.00000	9.9754040e-03	771.58	771.58	1.20	PERIOD
PROPERTY	00043872					
441166.50000	3871435.00000	1.0141970e-02	771.68	771.68	1.20	PERIOD
PROPERTY	00043872					
441266.50000	3871432.00000	1.0123090e-02	771.00	771.00	1.20	PERIOD
PROPERTY	00043872					
441366.40000	3871429.00000	1.0055310e-02	770.00	770.00	1.20	PERIOD
PROPERTY	00043872					
441466.40000	3871426.00000	1.0080400e-02	769.98	769.98	1.20	PERIOD
PROPERTY	00043872					
441566.40000	3871423.00000	1.0059350e-02	770.08	770.08	1.20	PERIOD
PROPERTY	00043872					
441666.30000	3871420.00000	1.0162850e-02	771.16	771.16	1.20	PERIOD
PROPERTY	00043872					



441766.30000	3871417.00000	1.0049140e-02	771.28	771.28	1.20	PERIOD
PROPERTY	00043872					
441866.20000	3871415.00000	1.0073280e-02	771.70	771.70	1.20	PERIOD
PROPERTY	00043872					
441966.20000	3871412.00000	1.0399340e-02	773.88	773.88	1.20	PERIOD
PROPERTY	00043872					
442066.10000	3871409.00000	9.9239410e-03	774.00	774.00	1.20	PERIOD
PROPERTY	00043872					
442166.10000	3871406.00000	9.1356170e-03	774.84	774.84	1.20	PERIOD
PROPERTY	00043872					
440693.20000	3872567.00000	1.2852680e-02	757.00	757.00	1.20	PERIOD
PROPERTY	00043872					
440695.70000	3872667.00000	1.5558130e-02	756.00	756.00	1.20	PERIOD
PROPERTY	00043872					
440696.30000	3872690.00000	1.4336170e-02	755.85	755.85	1.20	PERIOD
PROPERTY	00043872					
440596.30000	3872692.00000	1.9930460e-02	755.78	755.78	1.20	PERIOD
PROPERTY	00043872					
440496.30000	3872695.00000	2.2236050e-02	755.68	755.68	1.20	PERIOD
PROPERTY	00043872					
440495.40000	3872695.00000	2.2259730e-02	755.68	755.68	1.20	PERIOD
PROPERTY	00043872					
440496.80000	3872723.00000	1.8308500e-02	755.00	755.00	1.20	PERIOD
PROPERTY	00043872					
440396.80000	3872722.00000	2.0942770e-02	754.78	754.78	1.20	PERIOD
PROPERTY	00043872					
440296.80000	3872722.00000	2.1239340e-02	754.00	754.00	1.20	PERIOD
PROPERTY	00043872					
440196.80000	3872721.00000	2.1957620e-02	754.00	754.00	1.20	PERIOD
PROPERTY	00043872					
440096.80000	3872720.00000	2.2815100e-02	753.85	753.85	1.20	PERIOD
PROPERTY	00043872					
439996.80000	3872720.00000	2.3835360e-02	753.00	753.00	1.20	PERIOD
PROPERTY	00043872					
439896.80000	3872719.00000	2.8784400e-02	752.88	752.88	1.20	PERIOD
PROPERTY	00043872					
439887.70000	3872719.00000	2.9552460e-02	752.88	752.88	1.20	PERIOD
PROPERTY	00043872					
439885.90000	3872619.00000	2.8270990e-02	754.00	754.00	1.20	PERIOD
PROPERTY	00043872					
439885.10000	3872574.00000	2.6809360e-02	754.00	754.00	1.20	PERIOD
PROPERTY	00043872					
439985.10000	3872573.00000	2.2501720e-02	754.96	754.96	1.20	PERIOD
PROPERTY	00043872					
440085.10000	3872572.00000	2.1817570e-02	756.00	756.00	1.20	PERIOD
PROPERTY	00043872					
440185.10000	3872571.00000	2.1053960e-02	755.91	755.91	1.20	PERIOD
PROPERTY	00043872					
440285.10000	3872570.00000	2.0340040e-02	756.00	756.00	1.20	PERIOD
PROPERTY	00043872					

440385.10000	3872570.00000	1.9675390e-02	756.00	756.00	1.20	PERIOD
PROPERTY	00043872					
440485.10000	3872569.00000	1.8993010e-02	757.00	757.00	1.20	PERIOD
PROPERTY	00043872					
440585.10000	3872568.00000	1.7608520e-02	757.00	757.00	1.20	PERIOD
PROPERTY	00043872					
440685.10000	3872567.00000	1.3438360e-02	757.00	757.00	1.20	PERIOD
PROPERTY	00043872					
440685.70000	3872275.00000	9.2057120e-03	761.00	761.00	1.20	PERIOD
PROPERTY	00043872					
440688.30000	3872375.00000	1.5859400e-02	760.00	760.00	1.20	PERIOD
PROPERTY	00043872					
440690.80000	3872475.00000	1.5985300e-02	758.01	758.01	1.20	PERIOD
PROPERTY	00043872					
440692.00000	3872520.00000	1.4924240e-02	758.00	758.00	1.20	PERIOD
PROPERTY	00043872					
440592.00000	3872522.00000	2.0423880e-02	758.00	758.00	1.20	PERIOD
PROPERTY	00043872					
440492.00000	3872523.00000	2.1656560e-02	757.41	757.41	1.20	PERIOD
PROPERTY	00043872					
440392.00000	3872525.00000	2.2314620e-02	757.00	757.00	1.20	PERIOD
PROPERTY	00043872					
440292.00000	3872526.00000	2.2905720e-02	756.31	756.31	1.20	PERIOD
PROPERTY	00043872					
440192.10000	3872528.00000	2.3517280e-02	756.25	756.25	1.20	PERIOD
PROPERTY	00043872					
440092.10000	3872529.00000	2.4245400e-02	756.00	756.00	1.20	PERIOD
PROPERTY	00043872					
439992.10000	3872531.00000	2.4962180e-02	755.08	755.08	1.20	PERIOD
PROPERTY	00043872					
439892.10000	3872532.00000	2.6809140e-02	755.00	755.00	1.20	PERIOD
PROPERTY	00043872					
439884.50000	3872532.00000	2.6844810e-02	755.00	755.00	1.20	PERIOD
PROPERTY	00043872					
439883.00000	3872432.00000	2.6681030e-02	756.00	756.00	1.20	PERIOD
PROPERTY	00043872					
439881.50000	3872332.00000	2.4119140e-02	757.78	757.78	1.20	PERIOD
PROPERTY	00043872					
439880.80000	3872278.00000	2.0538620e-02	758.58	758.58	1.20	PERIOD
PROPERTY	00043872					
439980.80000	3872278.00000	1.6567930e-02	758.87	758.87	1.20	PERIOD
PROPERTY	00043872					
440080.80000	3872277.00000	1.4802610e-02	759.00	759.00	1.20	PERIOD
PROPERTY	00043872					
440180.80000	3872277.00000	1.4009860e-02	759.61	759.61	1.20	PERIOD
PROPERTY	00043872					
440280.80000	3872277.00000	1.3368710e-02	759.61	759.61	1.20	PERIOD
PROPERTY	00043872					
440380.80000	3872276.00000	1.2759330e-02	760.00	760.00	1.20	PERIOD
PROPERTY	00043872					

440480.80000	3872276.00000	1.2291310e-02	760.65	760.65	1.20	PERIOD
PROPERTY	00043872					
440580.80000	3872275.00000	1.1489190e-02	761.00	761.00	1.20	PERIOD
PROPERTY	00043872					
440680.80000	3872275.00000	9.3999950e-03	761.00	761.00	1.20	PERIOD
PROPERTY	00043872					
437456.80000	3871498.00000	1.0050980e-02	750.00	750.00	1.20	PERIOD
PROPERTY	00043872					
437556.80000	3871496.00000	1.2547280e-02	751.90	751.90	1.20	PERIOD
PROPERTY	00043872					
437656.80000	3871495.00000	1.2091250e-02	753.00	753.00	1.20	PERIOD
PROPERTY	00043872					
437756.80000	3871494.00000	1.1184360e-02	754.00	754.00	1.20	PERIOD
PROPERTY	00043872					
437856.80000	3871492.00000	1.0694900e-02	755.00	755.00	1.20	PERIOD
PROPERTY	00043872					
437956.80000	3871491.00000	1.0358200e-02	756.00	756.00	1.20	PERIOD
PROPERTY	00043872					
438056.80000	3871490.00000	1.0055040e-02	757.00	757.00	1.20	PERIOD
PROPERTY	00043872					
438156.80000	3871488.00000	9.6806660e-03	758.00	758.00	1.20	PERIOD
PROPERTY	00043872					
438256.80000	3871487.00000	9.4196660e-03	759.00	759.00	1.20	PERIOD
PROPERTY	00043872					
438356.80000	3871486.00000	9.1736570e-03	759.99	759.99	1.20	PERIOD
PROPERTY	00043872					
438456.70000	3871484.00000	9.1238260e-03	760.04	760.04	1.20	PERIOD
PROPERTY	00043872					
438556.70000	3871483.00000	8.8851170e-03	761.00	761.00	1.20	PERIOD
PROPERTY	00043872					
438656.70000	3871482.00000	8.7588490e-03	761.56	761.56	1.20	PERIOD
PROPERTY	00043872					
438756.70000	3871480.00000	8.3377700e-03	762.90	762.90	1.20	PERIOD
PROPERTY	00043872					
438856.70000	3871479.00000	8.0266230e-03	764.23	764.23	1.20	PERIOD
PROPERTY	00043872					
438956.70000	3871478.00000	7.5418130e-03	766.56	766.56	1.20	PERIOD
PROPERTY	00043872					
439056.70000	3871476.00000	7.1884000e-03	768.00	768.00	1.20	PERIOD
PROPERTY	00043872					
439156.70000	3871475.00000	7.1134550e-03	768.35	768.35	1.20	PERIOD
PROPERTY	00043872					
439256.70000	3871474.00000	6.9854370e-03	769.00	769.00	1.20	PERIOD
PROPERTY	00043872					
439356.70000	3871472.00000	6.7255420e-03	769.94	769.94	1.20	PERIOD
PROPERTY	00043872					
439456.60000	3871471.00000	6.6513750e-03	770.00	770.00	1.20	PERIOD
PROPERTY	00043872					
439556.60000	3871470.00000	6.5481210e-03	770.00	770.00	1.20	PERIOD
PROPERTY	00043872					

439656.60000	3871468.00000	6.3575700e-03	769.63	769.63	1.20	PERIOD
PROPERTY 00043872						
439756.60000	3871467.00000	6.2126990e-03	768.48	768.48	1.20	PERIOD
PROPERTY 00043872						
439856.60000	3871466.00000	5.5500940e-03	768.00	768.00	1.20	PERIOD
PROPERTY 00043872						
439877.70000	3871465.00000	5.1753440e-03	768.00	768.00	1.20	PERIOD
PROPERTY 00043872						
439879.30000	3871565.00000	9.0307430e-03	767.32	767.32	1.20	PERIOD
PROPERTY 00043872						
439880.80000	3871665.00000	1.0603110e-02	767.37	767.37	1.20	PERIOD
PROPERTY 00043872						
439882.40000	3871765.00000	1.1614850e-02	767.00	767.00	1.20	PERIOD
PROPERTY 00043872						
439884.00000	3871865.00000	1.2719430e-02	765.35	765.35	1.20	PERIOD
PROPERTY 00043872						
439885.60000	3871965.00000	1.4281980e-02	762.01	762.01	1.20	PERIOD
PROPERTY 00043872						
439887.10000	3872065.00000	1.5024870e-02	761.58	761.58	1.20	PERIOD
PROPERTY 00043872						
439888.70000	3872165.00000	1.6256630e-02	760.35	760.35	1.20	PERIOD
PROPERTY 00043872						
439890.30000	3872265.00000	1.9018280e-02	759.00	759.00	1.20	PERIOD
PROPERTY 00043872						
439891.90000	3872365.00000	2.5595140e-02	757.00	757.00	1.20	PERIOD
PROPERTY 00043872						
439893.40000	3872465.00000	2.7138860e-02	756.00	756.00	1.20	PERIOD
PROPERTY 00043872						
439895.00000	3872565.00000	2.6029900e-02	754.01	754.01	1.20	PERIOD
PROPERTY 00043872						
439896.60000	3872665.00000	3.0192750e-02	753.00	753.00	1.20	PERIOD
PROPERTY 00043872						
439898.20000	3872765.00000	2.7304870e-02	752.00	752.00	1.20	PERIOD
PROPERTY 00043872						
439899.80000	3872865.00000	2.3609090e-02	751.01	751.01	1.20	PERIOD
PROPERTY 00043872						
439901.30000	3872965.00000	2.1923380e-02	750.00	750.00	1.20	PERIOD
PROPERTY 00043872						
439902.90000	3873065.00000	2.0009730e-02	749.00	749.00	1.20	PERIOD
PROPERTY 00043872						
439903.70000	3873112.00000	1.7171160e-02	748.00	748.00	1.20	PERIOD
PROPERTY 00043872						
439803.70000	3873113.00000	2.2580580e-02	747.95	747.95	1.20	PERIOD
PROPERTY 00043872						
439703.70000	3873114.00000	2.3494260e-02	747.33	747.33	1.20	PERIOD
PROPERTY 00043872						
439603.70000	3873115.00000	2.3825220e-02	746.68	746.68	1.20	PERIOD
PROPERTY 00043872						
439503.70000	3873116.00000	2.3909570e-02	746.00	746.00	1.20	PERIOD
PROPERTY 00043872						

439403.70000	3873117.00000	2.3922580e-02	745.28	745.28	1.20	PERIOD
PROPERTY	00043872					
439303.70000	3873118.00000	2.3920920e-02	744.63	744.63	1.20	PERIOD
PROPERTY	00043872					
439203.70000	3873120.00000	2.3778900e-02	744.00	744.00	1.20	PERIOD
PROPERTY	00043872					
439103.70000	3873121.00000	2.3676310e-02	743.00	743.00	1.20	PERIOD
PROPERTY	00043872					
439003.70000	3873122.00000	2.3589370e-02	742.00	742.00	1.20	PERIOD
PROPERTY	00043872					
438903.70000	3873123.00000	2.3692690e-02	742.00	742.00	1.20	PERIOD
PROPERTY	00043872					
438803.70000	3873124.00000	2.3769110e-02	742.00	742.00	1.20	PERIOD
PROPERTY	00043872					
438703.70000	3873125.00000	2.3909190e-02	742.35	742.35	1.20	PERIOD
PROPERTY	00043872					
438603.70000	3873126.00000	2.4111460e-02	743.00	743.00	1.20	PERIOD
PROPERTY	00043872					
438503.80000	3873127.00000	2.4201730e-02	743.15	743.15	1.20	PERIOD
PROPERTY	00043872					
438403.80000	3873128.00000	2.4265570e-02	743.25	743.25	1.20	PERIOD
PROPERTY	00043872					
438303.80000	3873129.00000	2.4236220e-02	743.00	743.00	1.20	PERIOD
PROPERTY	00043872					
438203.80000	3873130.00000	2.4250890e-02	743.00	743.00	1.20	PERIOD
PROPERTY	00043872					
438103.80000	3873131.00000	2.4236340e-02	743.00	743.00	1.20	PERIOD
PROPERTY	00043872					
438003.80000	3873132.00000	2.4237300e-02	743.00	743.00	1.20	PERIOD
PROPERTY	00043872					
437903.80000	3873133.00000	2.4231030e-02	743.00	743.00	1.20	PERIOD
PROPERTY	00043872					
437803.80000	3873134.00000	2.4214740e-02	743.00	743.00	1.20	PERIOD
PROPERTY	00043872					
437703.80000	3873135.00000	2.4185140e-02	743.00	743.00	1.20	PERIOD
PROPERTY	00043872					
437603.80000	3873137.00000	2.3919310e-02	742.00	742.00	1.20	PERIOD
PROPERTY	00043872					
437503.80000	3873138.00000	2.4031800e-02	742.00	742.00	1.20	PERIOD
PROPERTY	00043872					
437449.40000	3873138.00000	2.3290300e-02	742.00	742.00	1.20	PERIOD
PROPERTY	00043872					
437449.80000	3873038.00000	2.6111680e-02	742.50	742.50	1.20	PERIOD
PROPERTY	00043872					
437450.30000	3872938.00000	2.6758830e-02	743.73	743.73	1.20	PERIOD
PROPERTY	00043872					
437450.80000	3872838.00000	2.7199310e-02	744.00	744.00	1.20	PERIOD
PROPERTY	00043872					
437451.20000	3872738.00000	2.7294240e-02	745.00	745.00	1.20	PERIOD
PROPERTY	00043872					

437451.70000	3872638.00000	2.7328680e-02	745.75	745.75	1.20	PERIOD
PROPERTY	00043872					
437452.10000	3872538.00000	2.7287850e-02	746.00	746.00	1.20	PERIOD
PROPERTY	00043872					
437452.60000	3872438.00000	2.7179760e-02	747.00	747.00	1.20	PERIOD
PROPERTY	00043872					
437453.00000	3872338.00000	2.6939830e-02	747.00	747.00	1.20	PERIOD
PROPERTY	00043872					
437453.50000	3872238.00000	2.6715940e-02	748.00	748.00	1.20	PERIOD
PROPERTY	00043872					
437453.90000	3872138.00000	2.6262320e-02	748.00	748.00	1.20	PERIOD
PROPERTY	00043872					
437454.40000	3872038.00000	2.5814210e-02	748.49	748.49	1.20	PERIOD
PROPERTY	00043872					
437454.80000	3871938.00000	2.5097990e-02	749.00	749.00	1.20	PERIOD
PROPERTY	00043872					
437455.30000	3871838.00000	2.3967850e-02	749.52	749.52	1.20	PERIOD
PROPERTY	00043872					
437455.70000	3871738.00000	2.2505770e-02	750.00	750.00	1.20	PERIOD
PROPERTY	00043872					
437456.20000	3871638.00000	2.0177200e-02	750.00	750.00	1.20	PERIOD
PROPERTY	00043872					
437456.60000	3871538.00000	1.5069080e-02	750.00	750.00	1.20	PERIOD
PROPERTY	00043872					
435800.90000	3871509.00000	7.0553710e-03	734.00	734.00	1.20	PERIOD
PROPERTY	00043872					
435900.90000	3871509.00000	1.0013680e-02	735.00	735.00	1.20	PERIOD
PROPERTY	00043872					
436000.90000	3871509.00000	1.1460800e-02	736.00	736.00	1.20	PERIOD
PROPERTY	00043872					
436100.90000	3871509.00000	1.1953010e-02	736.00	736.00	1.20	PERIOD
PROPERTY	00043872					
436200.90000	3871509.00000	1.1244190e-02	737.00	737.00	1.20	PERIOD
PROPERTY	00043872					
436300.90000	3871509.00000	1.0324310e-02	738.00	738.00	1.20	PERIOD
PROPERTY	00043872					
436400.90000	3871509.00000	1.0010080e-02	739.00	739.00	1.20	PERIOD
PROPERTY	00043872					
436500.90000	3871509.00000	9.7417430e-03	740.00	740.00	1.20	PERIOD
PROPERTY	00043872					
436600.90000	3871509.00000	9.5035070e-03	741.04	741.04	1.20	PERIOD
PROPERTY	00043872					
436700.90000	3871509.00000	9.3275130e-03	742.00	742.00	1.20	PERIOD
PROPERTY	00043872					
436800.90000	3871509.00000	9.1726490e-03	743.00	743.00	1.20	PERIOD
PROPERTY	00043872					
436900.90000	3871509.00000	9.0413650e-03	744.00	744.00	1.20	PERIOD
PROPERTY	00043872					
437000.90000	3871509.00000	8.8662710e-03	745.37	745.37	1.20	PERIOD
PROPERTY	00043872					

437100.90000	3871509.00000	8.7653380e-03	746.70	746.70	1.20	PERIOD
PROPERTY	00043872					
437200.90000	3871510.00000	8.8379560e-03	748.00	748.00	1.20	PERIOD
PROPERTY	00043872					
437300.90000	3871510.00000	9.0641150e-03	748.48	748.48	1.20	PERIOD
PROPERTY	00043872					
437400.90000	3871510.00000	9.5922430e-03	749.70	749.70	1.20	PERIOD
PROPERTY	00043872					
437448.90000	3871510.00000	1.1028710e-02	750.00	750.00	1.20	PERIOD
PROPERTY	00043872					
437448.90000	3871610.00000	1.8332320e-02	750.00	750.00	1.20	PERIOD
PROPERTY	00043872					
437448.90000	3871710.00000	2.1154040e-02	750.00	750.00	1.20	PERIOD
PROPERTY	00043872					
437448.90000	3871810.00000	2.3045690e-02	749.30	749.30	1.20	PERIOD
PROPERTY	00043872					
437448.90000	3871910.00000	2.4293770e-02	749.00	749.00	1.20	PERIOD
PROPERTY	00043872					
437448.90000	3872010.00000	2.5174880e-02	748.66	748.66	1.20	PERIOD
PROPERTY	00043872					
437448.90000	3872110.00000	2.5717090e-02	748.05	748.05	1.20	PERIOD
PROPERTY	00043872					
437448.90000	3872210.00000	2.6248020e-02	748.00	748.00	1.20	PERIOD
PROPERTY	00043872					
437448.90000	3872310.00000	2.6608780e-02	747.16	747.16	1.20	PERIOD
PROPERTY	00043872					
437448.90000	3872410.00000	2.6888690e-02	747.00	747.00	1.20	PERIOD
PROPERTY	00043872					
437448.90000	3872510.00000	2.7067150e-02	746.00	746.00	1.20	PERIOD
PROPERTY	00043872					
437448.90000	3872610.00000	2.7154110e-02	746.00	746.00	1.20	PERIOD
PROPERTY	00043872					
437449.00000	3872710.00000	2.7210810e-02	745.00	745.00	1.20	PERIOD
PROPERTY	00043872					
437449.00000	3872810.00000	2.7190340e-02	744.00	744.00	1.20	PERIOD
PROPERTY	00043872					
437449.00000	3872910.00000	2.6807550e-02	744.00	744.00	1.20	PERIOD
PROPERTY	00043872					
437449.00000	3873010.00000	2.6284610e-02	743.00	743.00	1.20	PERIOD
PROPERTY	00043872					
437449.00000	3873110.00000	2.4700960e-02	742.00	742.00	1.20	PERIOD
PROPERTY	00043872					
437449.00000	3873210.00000	1.8473130e-02	741.00	741.00	1.20	PERIOD
PROPERTY	00043872					
437449.00000	3873211.00000	1.8389020e-02	741.00	741.00	1.20	PERIOD
PROPERTY	00043872					
437349.00000	3873212.00000	2.0443880e-02	740.45	740.45	1.20	PERIOD
PROPERTY	00043872					
437249.00000	3873213.00000	2.0592360e-02	740.41	740.41	1.20	PERIOD
PROPERTY	00043872					

437149.00000	3873215.00000	2.1102690e-02	739.55	739.55	1.20	PERIOD
PROPERTY	00043872					
437049.00000	3873216.00000	2.2270180e-02	738.31	738.31	1.20	PERIOD
PROPERTY	00043872					
436949.00000	3873217.00000	2.2578670e-02	738.00	738.00	1.20	PERIOD
PROPERTY	00043872					
436849.00000	3873218.00000	2.2556240e-02	738.00	738.00	1.20	PERIOD
PROPERTY	00043872					
436749.10000	3873220.00000	2.2354180e-02	738.00	738.00	1.20	PERIOD
PROPERTY	00043872					
436649.10000	3873221.00000	2.4389840e-02	737.00	737.00	1.20	PERIOD
PROPERTY	00043872					
436549.10000	3873222.00000	2.7180860e-02	736.00	736.00	1.20	PERIOD
PROPERTY	00043872					
436449.10000	3873224.00000	2.5381630e-02	735.00	735.00	1.20	PERIOD
PROPERTY	00043872					
436349.10000	3873225.00000	2.4765730e-02	734.01	734.01	1.20	PERIOD
PROPERTY	00043872					
436249.10000	3873226.00000	2.4299050e-02	733.30	733.30	1.20	PERIOD
PROPERTY	00043872					
436149.10000	3873228.00000	2.2940570e-02	732.00	732.00	1.20	PERIOD
PROPERTY	00043872					
436049.10000	3873229.00000	2.1955790e-02	731.69	731.69	1.20	PERIOD
PROPERTY	00043872					
435949.10000	3873230.00000	2.0136170e-02	731.00	731.00	1.20	PERIOD
PROPERTY	00043872					
435849.10000	3873232.00000	1.4772340e-02	730.00	730.00	1.20	PERIOD
PROPERTY	00043872					
435835.80000	3873232.00000	1.3332620e-02	730.00	730.00	1.20	PERIOD
PROPERTY	00043872					
435833.70000	3873132.00000	1.5201780e-02	730.05	730.05	1.20	PERIOD
PROPERTY	00043872					
435831.70000	3873032.00000	1.5852990e-02	731.00	731.00	1.20	PERIOD
PROPERTY	00043872					
435829.70000	3872932.00000	1.6074710e-02	731.26	731.26	1.20	PERIOD
PROPERTY	00043872					
435827.70000	3872832.00000	1.6382270e-02	732.00	732.00	1.20	PERIOD
PROPERTY	00043872					
435825.60000	3872732.00000	1.6447600e-02	732.19	732.19	1.20	PERIOD
PROPERTY	00043872					
435823.60000	3872632.00000	1.6761380e-02	733.00	733.00	1.20	PERIOD
PROPERTY	00043872					
435821.60000	3872532.00000	1.6668490e-02	733.00	733.00	1.20	PERIOD
PROPERTY	00043872					
435819.60000	3872432.00000	1.6538270e-02	733.00	733.00	1.20	PERIOD
PROPERTY	00043872					
435817.50000	3872332.00000	1.6437990e-02	733.98	733.98	1.20	PERIOD
PROPERTY	00043872					
435815.50000	3872232.00000	1.6218420e-02	734.10	734.10	1.20	PERIOD
PROPERTY	00043872					



435813.50000	3872132.00000	1.6071710e-02	734.79	734.79	1.20	PERIOD
PROPERTY 00043872						
435811.50000	3872032.00000	1.5728510e-02	734.72	734.72	1.20	PERIOD
PROPERTY 00043872						
435809.40000	3871932.00000	1.5262820e-02	734.58	734.58	1.20	PERIOD
PROPERTY 00043872						
435807.40000	3871832.00000	1.4687220e-02	734.00	734.00	1.20	PERIOD
PROPERTY 00043872						
435805.40000	3871732.00000	1.3954610e-02	734.00	734.00	1.20	PERIOD
PROPERTY 00043872						
435803.40000	3871632.00000	1.2697460e-02	734.00	734.00	1.20	PERIOD
PROPERTY 00043872						
435801.40000	3871532.00000	9.1574100e-03	734.00	734.00	1.20	PERIOD
PROPERTY 00043872						
435809.00000	3873839.00000	1.8137880e-02	728.85	728.85	1.20	PERIOD
PROPERTY 00043872						
435714.00000	3873870.00000	2.2685950e-02	728.60	728.60	1.20	PERIOD
PROPERTY 00043872						
435619.00000	3873902.00000	2.3141370e-02	728.12	728.12	1.20	PERIOD
PROPERTY 00043872						
435524.10000	3873933.00000	2.1660260e-02	725.59	725.59	1.20	PERIOD
PROPERTY 00043872						
435484.00000	3873946.00000	2.0899060e-02	725.13	725.13	1.20	PERIOD
PROPERTY 00043872						
435384.10000	3873949.00000	2.1638160e-02	725.16	725.16	1.20	PERIOD
PROPERTY 00043872						
435284.10000	3873952.00000	2.1705200e-02	724.88	724.88	1.20	PERIOD
PROPERTY 00043872						
435184.20000	3873956.00000	2.1200710e-02	723.54	723.54	1.20	PERIOD
PROPERTY 00043872						
435084.20000	3873959.00000	2.1006410e-02	722.52	722.52	1.20	PERIOD
PROPERTY 00043872						
434984.30000	3873962.00000	2.0927290e-02	722.07	722.07	1.20	PERIOD
PROPERTY 00043872						
434884.30000	3873965.00000	2.0815560e-02	721.77	721.77	1.20	PERIOD
PROPERTY 00043872						
434784.30000	3873968.00000	2.0495800e-02	721.30	721.30	1.20	PERIOD
PROPERTY 00043872						
434684.40000	3873971.00000	1.9430150e-02	720.59	720.59	1.20	PERIOD
PROPERTY 00043872						
434626.00000	3873973.00000	1.6371640e-02	720.31	720.31	1.20	PERIOD
PROPERTY 00043872						
434568.80000	3873891.00000	1.8854270e-02	719.72	719.72	1.20	PERIOD
PROPERTY 00043872						
434511.60000	3873809.00000	2.1950140e-02	719.33	719.33	1.20	PERIOD
PROPERTY 00043872						
434511.00000	3873808.00000	2.2033830e-02	719.33	719.33	1.20	PERIOD
PROPERTY 00043872						
434416.00000	3873777.00000	2.3138280e-02	719.02	719.02	1.20	PERIOD
PROPERTY 00043872						

434404.00000	3873773.00000	2.3590070e-02	719.02	719.02	1.20	PERIOD
PROPERTY	00043872					
434346.10000	3873855.00000	2.1285910e-02	719.32	719.32	1.20	PERIOD
PROPERTY	00043872					
434288.20000	3873936.00000	2.0221420e-02	719.33	719.33	1.20	PERIOD
PROPERTY	00043872					
434279.00000	3873949.00000	1.9631920e-02	719.33	719.33	1.20	PERIOD
PROPERTY	00043872					
434180.20000	3873964.00000	2.1493990e-02	718.82	718.82	1.20	PERIOD
PROPERTY	00043872					
434081.30000	3873980.00000	2.1748870e-02	717.86	717.86	1.20	PERIOD
PROPERTY	00043872					
434026.00000	3873988.00000	2.1681020e-02	717.53	717.53	1.20	PERIOD
PROPERTY	00043872					
433926.00000	3873987.00000	2.2111300e-02	716.97	716.97	1.20	PERIOD
PROPERTY	00043872					
433826.00000	3873985.00000	2.2337940e-02	716.68	716.68	1.20	PERIOD
PROPERTY	00043872					
433726.00000	3873984.00000	2.2349270e-02	716.67	716.67	1.20	PERIOD
PROPERTY	00043872					
433626.00000	3873982.00000	2.2374300e-02	716.58	716.58	1.20	PERIOD
PROPERTY	00043872					
433526.10000	3873981.00000	2.2189190e-02	716.28	716.28	1.20	PERIOD
PROPERTY	00043872					
433426.10000	3873980.00000	2.1962800e-02	716.28	716.28	1.20	PERIOD
PROPERTY	00043872					
433326.10000	3873978.00000	2.1708480e-02	715.94	715.94	1.20	PERIOD
PROPERTY	00043872					
433226.10000	3873977.00000	2.1214670e-02	715.55	715.55	1.20	PERIOD
PROPERTY	00043872					
433126.10000	3873975.00000	2.0624370e-02	714.82	714.82	1.20	PERIOD
PROPERTY	00043872					
433026.10000	3873974.00000	1.9747460e-02	714.40	714.40	1.20	PERIOD
PROPERTY	00043872					
432967.00000	3873973.00000	1.8947740e-02	714.10	714.10	1.20	PERIOD
PROPERTY	00043872					
432867.60000	3873963.00000	1.7623850e-02	713.41	713.41	1.20	PERIOD
PROPERTY	00043872					
432770.00000	3873952.00000	1.4926950e-02	713.30	713.30	1.20	PERIOD
PROPERTY	00043872					
432681.60000	3873905.00000	1.1027860e-02	715.40	715.40	1.20	PERIOD
PROPERTY	00043872					
432679.00000	3873904.00000	1.0742660e-02	715.46	715.46	1.20	PERIOD
PROPERTY	00043872					
432681.20000	3873804.00000	1.1609900e-02	713.87	713.87	1.20	PERIOD
PROPERTY	00043872					
432683.40000	3873704.00000	1.1450600e-02	712.91	712.91	1.20	PERIOD
PROPERTY	00043872					
432685.70000	3873604.00000	1.1010590e-02	712.62	712.62	1.20	PERIOD
PROPERTY	00043872					

432687.90000	3873504.00000	1.0141150e-02	712.62	712.62	1.20	PERIOD
PROPERTY 00043872						
432690.10000	3873404.00000	8.0614470e-03	713.23	713.23	1.20	PERIOD
PROPERTY 00043872						
432691.00000	3873364.00000	5.6417030e-03	713.23	713.23	1.20	PERIOD
PROPERTY 00043872						
432791.00000	3873364.00000	7.7397090e-03	713.23	713.23	1.20	PERIOD
PROPERTY 00043872						
432891.00000	3873364.00000	8.4913920e-03	713.23	713.23	1.20	PERIOD
PROPERTY 00043872						
432991.00000	3873364.00000	8.9635900e-03	713.23	713.23	1.20	PERIOD
PROPERTY 00043872						
433091.00000	3873364.00000	9.2816990e-03	713.23	713.23	1.20	PERIOD
PROPERTY 00043872						
433191.00000	3873364.00000	9.5189370e-03	713.23	713.23	1.20	PERIOD
PROPERTY 00043872						
433291.00000	3873364.00000	9.7133350e-03	713.23	713.23	1.20	PERIOD
PROPERTY 00043872						
433391.00000	3873364.00000	9.8613900e-03	713.36	713.36	1.20	PERIOD
PROPERTY 00043872						
433491.00000	3873364.00000	9.9978300e-03	714.26	714.26	1.20	PERIOD
PROPERTY 00043872						
433591.00000	3873364.00000	1.0104390e-02	714.72	714.72	1.20	PERIOD
PROPERTY 00043872						
433691.00000	3873364.00000	1.0194110e-02	715.07	715.07	1.20	PERIOD
PROPERTY 00043872						
433791.00000	3873364.00000	1.0295030e-02	715.67	715.67	1.20	PERIOD
PROPERTY 00043872						
433891.00000	3873365.00000	1.0534030e-02	716.12	716.12	1.20	PERIOD
PROPERTY 00043872						
433991.00000	3873365.00000	1.0594240e-02	716.28	716.28	1.20	PERIOD
PROPERTY 00043872						
434091.00000	3873365.00000	1.0631860e-02	716.57	716.57	1.20	PERIOD
PROPERTY 00043872						
434191.00000	3873365.00000	1.0710060e-02	717.50	717.50	1.20	PERIOD
PROPERTY 00043872						
434291.00000	3873365.00000	1.0753840e-02	718.12	718.12	1.20	PERIOD
PROPERTY 00043872						
434391.00000	3873365.00000	1.0812020e-02	719.14	719.14	1.20	PERIOD
PROPERTY 00043872						
434491.00000	3873365.00000	1.0829180e-02	719.47	719.47	1.20	PERIOD
PROPERTY 00043872						
434591.00000	3873365.00000	1.0912370e-02	719.94	719.94	1.20	PERIOD
PROPERTY 00043872						
434691.00000	3873365.00000	1.1024120e-02	720.42	720.42	1.20	PERIOD
PROPERTY 00043872						
434791.00000	3873365.00000	1.1172320e-02	721.37	721.37	1.20	PERIOD
PROPERTY 00043872						
434891.00000	3873365.00000	1.1335490e-02	722.38	722.38	1.20	PERIOD
PROPERTY 00043872						

434991.00000	3873365.00000	1.1397260e-02	722.60	722.60	1.20	PERIOD
PROPERTY	00043872					
435091.00000	3873365.00000	1.1645510e-02	724.03	724.03	1.20	PERIOD
PROPERTY	00043872					
435191.00000	3873365.00000	1.1924010e-02	725.23	725.23	1.20	PERIOD
PROPERTY	00043872					
435291.00000	3873365.00000	1.2067200e-02	725.60	725.60	1.20	PERIOD
PROPERTY	00043872					
435391.00000	3873365.00000	1.2161250e-02	725.80	725.80	1.20	PERIOD
PROPERTY	00043872					
435491.00000	3873365.00000	1.2485480e-02	726.77	726.77	1.20	PERIOD
PROPERTY	00043872					
435591.00000	3873365.00000	1.2904020e-02	727.97	727.97	1.20	PERIOD
PROPERTY	00043872					
435691.00000	3873365.00000	1.2991120e-02	728.31	728.31	1.20	PERIOD
PROPERTY	00043872					
435791.00000	3873365.00000	1.2809620e-02	728.68	728.68	1.20	PERIOD
PROPERTY	00043872					
435836.00000	3873365.00000	1.1786890e-02	728.94	728.94	1.20	PERIOD
PROPERTY	00043872					
435830.30000	3873465.00000	1.8215280e-02	728.47	728.47	1.20	PERIOD
PROPERTY	00043872					
435824.60000	3873565.00000	1.9564450e-02	728.47	728.47	1.20	PERIOD
PROPERTY	00043872					
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PROPERTY	00043872					
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PROPERTY	00043872					

*Appendix C-2  
Amicus Curiae Brief, Friant Ranch, SJVUAPCD*

SUPREME COURT COPY

CASE NO. S219783

IN THE SUPREME COURT OF CALIFORNIA

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SIERRA CLUB, REVIVE THE SAN JOAQUIN, and  
LEAGUE OF WOMEN VOTERS OF FRESNO,  
*Plaintiffs and Appellants*

v.

COUNTY OF FRESNO,  
*Defendant and Respondent*

FRIANT RANCH, L.P.,  
*Real Party in Interest and Respondent*

SUPREME COURT  
FILED

APR 13 2015

Frank A. McGuire, Clerk  
Deputy

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After a Decision by the Court of Appeal, filed May 27, 2014  
Fifth Appellate District Case No. F066798

Appeal from the Superior Court of California, County of Fresno  
Case No. 11CECG00726

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**APPLICATION FOR LEAVE TO FILE AMICUS CURIAE BRIEF OF  
SAN JOAQUIN VALLEY UNIFIED AIR POLLUTION CONTROL DISTRICT IN  
SUPPORT OF DEFENDANT AND RESPONDENT, COUNTY OF FRESNO AND  
REAL PARTY IN INTEREST AND RESPONDENT, FRIANT RANCH, L.P.**

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## APPLICATION

Pursuant to California Rules of Court 8.520(f)(1), proposed Amicus Curiae San Joaquin Valley Unified Air Pollution Control District hereby requests permission from the Chief Justice to file an amicus brief in support of Defendant and Respondent, County of Fresno, and Defendant and Real Parties in Interest Friant Ranch, L.P. Pursuant to Rule 8.520(f)(5) of the California Rules of Court, the proposed amicus curiae brief is combined with this Application. The brief addresses the following issue certified by this Court for review:

Is an EIR adequate when it identifies the health impacts of air pollution and quantifies a project's expected emissions, or does CEQA further require the EIR to *correlate* a project's air quality emissions to specific health impacts?

As of the date of this filing, the deadline for the final reply brief on the merits was March 5, 2015. Accordingly, under Rule 8.520(f)(2), this application and brief are timely.

### **1. Background and Interest of San Joaquin Valley Unified Air Pollution Control District**

The San Joaquin Valley Unified Air Pollution Control District ("Air District") regulates air quality in the eight counties comprising the San Joaquin Valley ("Central Valley"): Kern, Tulare, Madera, Fresno, Merced, San Joaquin, Stanislaus, and Kings, and is primarily responsible for attaining air quality standards within its jurisdiction. After billions of dollars of investment by Central Valley businesses, pioneering air quality regulations, and consistent efforts by residents, the Central Valley air basin has made historic improvements in air quality.

The Central Valley's geographical, topographical and meteorological features create exceptionally challenging air quality

conditions. For example, it receives air pollution transported from the San Francisco Bay Area and northern Central Valley communities, and the southern portion of the Central Valley includes three mountain ranges (Sierra, Tehachapi, and Coastal) that, under some meteorological conditions, effectively trap air pollution. Central Valley air pollution is only a fraction of what the Bay Area and Los Angeles produce, but these natural conditions result in air quality conditions that are only marginally better than Los Angeles, even though about ten times more pollution is emitted in the Los Angeles region. Bay Area air quality is much better than the Central Valley's, even though the Bay Area produces about six times more pollution. The Central Valley also receives air pollution transported from the Bay Area and northern counties in the Central Valley, including Sacramento, and transboundary anthropogenic ozone from as far away as China.

Notwithstanding these challenges, the Central Valley has reduced emissions at the same or better rate than other areas in California and has achieved unparalleled milestones in protecting public health and the environment:

- In the last decade, the Central Valley became the first air basin classified by the federal government under the Clean Air Act as a “serious nonattainment” area to come into attainment of health-based National Ambient Air Quality Standard (“NAAQS”) for coarse particulate matter (PM10), an achievement made even more notable given the Valley’s extensive agricultural sector. Unhealthy levels of particulate matter can cause and exacerbate a range of chronic and acute illnesses.
- In 2013, the Central Valley became the first air basin in the country to improve from a federal designation of “extreme” nonattainment to

actually attain (and quality for an attainment designation) of the 1-hour ozone NAAQS; ozone creates “smog” and, like PM10, causes adverse health impacts.

- The Central Valley also is in full attainment of federal standards for lead, nitrogen dioxide, sulfur dioxide, and carbon monoxide.
- The Central Valley continues to make progress toward compliance with its last two attainment standards, with the number of exceedences for the 8-hour ozone NAAQS reduced by 74% (for the 1997 standard) and 38% (for the 2008 standard) since 1991, and for the small particulate matter (PM2.5) NAAQS reduced by 85% (for the 1997 standard) and 61% (for the 2006 standard).

Sustained improvement in Central Valley air quality requires a rigorous and comprehensive regulatory framework that includes prohibitions (e.g., on wood-burning fireplaces in new residences), mandates (e.g., requiring the installation of best available pollution reduction technologies on new and modified equipment and industrial operations), innovations (e.g., fees assessed against residential development to fund pollution reduction actions to “offset” vehicular emissions associated with new residences), incentive programs (e.g., funding replacements of older, more polluting heavy duty trucks and school buses)<sup>1</sup>, ongoing planning for continued air quality improvements, and enforcement of Air District permits and regulations.

The Air District is also an expert air quality agency for the eight counties and cities in the San Joaquin Valley. In that capacity, the Air District has developed air quality emission guidelines for use by the Central

---

<sup>1</sup> San Joaquin’s incentive program has been so successful that through 2012, it has awarded over \$ 432 million in incentive funds and has achieved 93,349 tons of lifetime emissions reductions. See SAN JOAQUIN VALLEY AIR POLLUTION CONTROL DISTRICT, 2012 PM2.5 PLAN, 6-6 (2012) available at <http://www.valleyair.org/Workshops/postings/2012/12-20-12PM25/FinalVersion/06%20Chapter%206%20Incentives.pdf>.

Valley counties and cities that implement the California Environment Quality Act (CEQA).<sup>2</sup> In its guidance, the Air District has distinguished between toxic air contaminants and criteria air pollutants.<sup>3</sup> Recognizing this distinction, the Air District's CEQA Guidance has adopted distinct thresholds of significance for *criteria* pollutants (i.e., ozone, PM2.5 and their respective precursor pollutants) based upon scientific and factual data which demonstrates the level that can be accommodated on a cumulative basis in the San Joaquin Valley without affecting the attainment of the applicable NAAQS.<sup>4</sup> For *toxic air* pollutants, the District has adopted different thresholds of significance which scientific and factual data demonstrates has the potential to expose sensitive receptors (i.e., children, the elderly) to levels which may result in localized health impacts.<sup>5</sup>

The Air District's CEQA Guidance was followed by the County of Fresno in its environment review of the Friant Ranch project, for which the Air District also served as a commenting agency. The Court of Appeal's holding, however, requiring correlation between the project's criteria

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<sup>2</sup> See, e.g., SAN JOAQUIN VALLEY AIR POLLUTION CONTROL DISTRICT, PLANNING DIVISION, GUIDE FOR ASSESSING AND MITIGATING AIR QUALITY IMPACTS (2015), available at [http://www.valleyair.org/transportation/GAMAQI\\_3-19-15.pdf](http://www.valleyair.org/transportation/GAMAQI_3-19-15.pdf) ("CEQA Guidance").

<sup>3</sup> Toxic air contaminants, also known as hazardous air pollutants, are those pollutants that are known or suspected to cause cancer or other serious health effects, such as birth defects. There are currently 189 toxic air contaminants regulated by the United States Environmental Protection Agency ("EPA") and the states pursuant to the Clean Air Act. 42 U.S.C. § 7412. Common TACs include benzene, perchloroethylene and asbestos. *Id.* at 7412(b).

In contrast, there are only six (6) criteria air pollutants: ozone, particulate matter, carbon monoxide, nitrogen oxides, sulfur dioxide and lead. Although criteria air pollutants can also be harmful to human health, they are distinguishable from toxic air contaminants and are regulated separately. For instance, while criteria pollutants are regulated by numerous sections throughout Title I of the Clean Air Act, the regulation of toxic air contaminants occurs solely under section 112 of the Act. Compare 42 U.S.C. §§ 7407 – 7411 & 7501 – 7515 with 42 U.S.C. § 7411.

<sup>4</sup> See, e.g., CEQA Guidance at [http://www.valleyair.org/transportation/GAMAQI\\_3-19-15.pdf](http://www.valleyair.org/transportation/GAMAQI_3-19-15.pdf), pp. 64-66, 80.

<sup>5</sup> See, e.g., CEQA Guidance at [http://www.valleyair.org/transportation/GAMAQI\\_3-19-15.pdf](http://www.valleyair.org/transportation/GAMAQI_3-19-15.pdf), pp. 66, 99-101.

pollutants and local health impacts, departs from the Air District's Guidance and approved methodology for assessing criteria pollutants. A close reading of the administrative record that gave rise to this issue demonstrates that the Court's holding is based on a misunderstanding of the distinction between toxic air contaminants (for which a local health risk assessment is feasible and routinely performed) and criteria air pollutants (for which a local health risk assessment is not feasible and would result in speculative results).<sup>6</sup> The Air District has a direct interest in ensuring the lawfulness and consistent application of its CEQA Guidance, and will explain how the Court of Appeal departed from the Air District's long-standing CEQA Guidance in addressing criteria pollutants and toxic air contaminants in this amicus brief.

## **2. How the Proposed Amicus Curiae Brief Will Assist the Court**

As counsel for the proposed amicus curiae, we have reviewed the briefs filed in this action. In addition to serving as a "commentary agency" for CEQA purposes over the Friant Ranch project, the Air District has a strong interest in assuring that CEQA is used for its intended purpose, and believes that this Court would benefit from additional briefing explaining the distinction between criteria pollutants and toxic air contaminants and the different methodologies employed by local air pollution control agencies such as the Air District to analyze these two categories of air pollutants under CEQA. The Air District will also explain how the Court of Appeal's opinion is based upon a fundamental misunderstanding of these two different approaches by requiring the County of Fresno to correlate the project's *criteria* pollution emissions with *local* health impacts. In doing

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<sup>6</sup> CEQA does not require speculation. *See, e.g., Laurel Heights Improvement Ass'n v. Regents of Univ. of Cal.*, 6 Cal. 4th 1112, 1137 (1993) (upholding EIR that failed to evaluate cumulative toxic air emission increases given absence of any acceptable means for doing so).

so, the Air District will provide helpful analysis to support its position that at least insofar as criteria pollutants are concerned, CEQA does not require an EIR to correlate a project's air quality emissions to specific health impacts, because such an analysis is not reasonably feasible.

**Rule 8.520 Disclosure**

Pursuant to Cal. R. 8.520(f)(4), neither the Plaintiffs nor the Defendant or Real Party In Interest or their respective counsel authored this brief in whole or in part. Neither the Plaintiffs nor the Defendant or Real Party in Interest or their respective counsel made any monetary contribution towards or in support of the preparation of this brief.

**CONCLUSION**

On behalf of the San Joaquin Valley Unified Air Pollution Control District, we respectfully request that this Court accept the filing of the attached brief.

Dated: April 2, 2015



Annette A. Ballatore-Williamson  
District Counsel  
Attorney for Proposed Amicus Curiae

SAN JOAQUIN VALLEY UNIFIED  
AIR POLLUTION CONTROL  
DISTRICT

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**AMICUS CURIAE BRIEF OF  
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REAL PARTY IN INTEREST AND RESPONDENT, FRIANT RANCH, L.P.**

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<i>San Joaquin Valley Unified Air Pollution Control District Guide to Assessing and Mitigating Air Quality Impacts</i> , (March 19, 2015) p. 22, available at: <a href="http://www.valleyair.org/transportation/CEQA%20Rules/GAMAQI%20Jan%202002%20Rev.pdf">http://www.valleyair.org/transportation/CEQA%20Rules/GAMAQI%20Jan%202002%20Rev.pdf</a> (visited March 30, 2015).....	7

*San Joaquin Valley Unified Air Pollution Control District Environmental Review Guidelines* (Aug. 2000) p. 4-11, available at: [http://www.valleyair.org/transportation/CEQA%20Rules/ERG%20Adopted%20\\_August%202000\\_.pdf](http://www.valleyair.org/transportation/CEQA%20Rules/ERG%20Adopted%20_August%202000_.pdf) (visited March 12, 2015).....8

*San Joaquin Valley Unified Air Pollution Control District 2007 Ozone Plan, Appendix B* pp. B-6, B-9, available at: [http://www.valleyair.org/Air\\_Quality\\_Plans/docs/AQ\\_Ozone\\_2007\\_Adopted/19%20Appendix%20B%20April%202007.pdf](http://www.valleyair.org/Air_Quality_Plans/docs/AQ_Ozone_2007_Adopted/19%20Appendix%20B%20April%202007.pdf) (visited March 12, 2015).....9

## I. INTRODUCTION.

The San Joaquin Valley Unified Air Pollution Control District (“Air District”) respectfully submits that the Court of Appeal erred when it held that the air quality analysis contained in the Environmental Impact Report (“EIR”) for the Friant Ranch development project was inadequate under the California Environmental Quality Act (“CEQA”) because it did not include an analysis of the correlation between the project’s criteria air pollutants and the potential adverse human health impacts. A close reading of the portion of the administrative record that gave rise to this issue demonstrates that the Court’s holding is based on a misunderstanding of the distinction between toxic air contaminants and criteria air pollutants.

Toxic air contaminants, also known as hazardous air pollutants, are those pollutants that are known or suspected to cause cancer or other serious health effects, such as birth defects. There are currently 189 toxic air contaminants (hereinafter referred to as “TACs”) regulated by the United States Environmental Protection Agency (“EPA”) and the states pursuant to the Clean Air Act. 42 U.S.C. § 7412. Common TACs include benzene, perchloroethylene and asbestos. *Id.* at 7412(b).

In contrast, there are only six (6) criteria air pollutants: ozone, particulate matter, carbon monoxide, nitrogen oxides, sulfur dioxide and lead. Although criteria air pollutants can also be harmful to human health,

they are distinguishable from TACs and are regulated separately. For instance, while criteria pollutants are regulated by numerous sections throughout Title I of the Clean Air Act, the regulation of TACs occurs solely under section 112 of the Act. *Compare* 42 U.S.C. §§ 7407 – 7411 & 7501 – 7515 *with* 42 U.S.C. § 7411.

The most relevant difference between criteria pollutants and TACs for purposes of this case is the manner in which human health impacts are accounted for. While it is common practice to analyze the correlation between an individual facility's TAC emissions and the expected localized human health impacts, such is not the case for criteria pollutants. Instead, the human health impacts associated with criteria air pollutants are analyzed and taken into consideration when EPA sets the national ambient air quality standard ("NAAQS") for each criteria pollutant. 42 U.S.C. § 7409(b)(1). The health impact of a particular criteria pollutant is analyzed on a regional and not a facility level based on how close the area is to complying with (attaining) the NAAQS. Accordingly, while the type of individual facility / health impact analysis that the Court of Appeal has required is a customary practice for TACs, it is not feasible to conduct a similar analysis for criteria air pollutants because currently available computer modeling tools are not equipped for this task.

It is clear from a reading of both the administrative record and the Court of Appeal's decision that the Court did not have the expertise to fully

appreciate the difference between TACs and criteria air pollutants. As a result, the Court has ordered the County of Fresno to conduct an analysis that is not practicable and not likely yield valid information. The Air District respectfully requests that this portion of the Court of Appeal's decision be reversed.

**II. THE COURT OF APPEAL ERRED IN FINDING THE FRIANT RANCH EIR INADEQUATE FOR FAILING TO ANALYZE THE SPECIFIC HUMAN HEALTH IMPACTS ASSOCIATED CRITERIA AIR POLLUTANTS.**

Although the Air District does not take lightly the amount of air emissions at issue in this case, it submits that the Court of Appeal got it wrong when it required Fresno County to revise the Friant Ranch EIR to include an analysis correlating the criteria air pollutant emissions associated with the project with specific, localized health-impacts. The type of analysis the Court of Appeal has required will not yield reliable information because currently available modeling tools are not well suited for this task. Further, in reviewing this issue de novo, the Court of Appeal failed to appreciate that it lacked the scientific expertise to appreciate the significant differences between a health risk assessment commonly performed for toxic air contaminants and a similar type of analysis it felt should have been conducted for criteria air pollutants.

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**A. Currently Available Modeling Tools are not Equipped to Provide a Meaningful Analysis of the Correlation between an Individual Development Project's Air Emissions and Specific Human Health Impacts.**

In order to appreciate the problematic nature of the Court of Appeals' decision requiring a health risk type analysis for criteria air pollutants, it is important to understand how the relevant criteria pollutants (ozone and particulate matter) are formed, dispersed and regulated.

Ground level ozone (smog) is not directly emitted into the air, but is formed when precursor pollutants such as oxides of nitrogen (NO<sub>x</sub>) and volatile organic compounds (VOCs) are emitted into the atmosphere and undergo complex chemical reactions in the process of sunlight.<sup>1</sup> Once formed, ozone can be transported long distances by wind.<sup>2</sup> Because of the complexity of ozone formation, a specific tonnage amount of NO<sub>x</sub> or VOCs emitted in a particular area does not equate to a particular concentration of ozone in that area. In fact, even rural areas that have relatively low tonnages of emissions of NO<sub>x</sub> or VOCs can have high levels of ozone concentration simply due to wind transport.<sup>3</sup> Conversely, the San Francisco Bay Area has six times more NO<sub>x</sub> and VOC emissions per square mile than the San Joaquin Valley, but experiences lower

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<sup>1</sup> See United States Environmental Protection Agency, *Ground-level Ozone: Basic Information*, available at: <http://www.epa.gov/airquality/ozonepollution/basic.html> (visited March 10, 2015).

<sup>2</sup> *Id.*

<sup>3</sup> *Id.*



concentrations of ozone (and better air quality) simply because sea breezes disperse the emissions.<sup>4</sup>

Particulate matter (“PM”) can be divided into two categories: directly emitted PM and secondary PM.<sup>5</sup> While directly emitted PM can have a localized impact, the tonnage emitted does not always equate to the local PM concentration because it can be transported long distances by wind.<sup>6</sup> Secondary PM, like ozone, is formed via complex chemical reactions in the atmosphere between precursor chemicals such as sulfur dioxides (SO<sub>x</sub>) and NO<sub>x</sub>.<sup>7</sup> Because of the complexity of secondary PM formation, the tonnage of PM-forming precursor emissions in an area does not necessarily result in an equivalent concentration of secondary PM in that area.

The disconnect between the *tonnage* of precursor pollutants (NO<sub>x</sub>, SO<sub>x</sub> and VOCs) and the *concentration* of ozone or PM formed is important because it is not necessarily the tonnage of precursor pollutants that causes human health effects, but the concentration of resulting ozone or PM. Indeed, the national ambient air quality standards (“NAAQS”), which are statutorily required to be set by the United States Environmental Protection

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<sup>4</sup> *San Joaquin Valley Air Pollution Control District 2007 Ozone Plan*, Executive Summary p. ES-6, available at: [http://www.valleyair.org/Air\\_Quality\\_Plans/docs/AQ\\_Ozone\\_2007\\_Adopted/03%20Executive%20Summary.pdf](http://www.valleyair.org/Air_Quality_Plans/docs/AQ_Ozone_2007_Adopted/03%20Executive%20Summary.pdf) (visited March 10, 2015).

<sup>5</sup> United States Environmental Protection Agency, *Particulate Matter: Basic Information*, available at: <http://www.epa.gov/airquality/particlepollution/basic.html> (visited March 10, 2015).

<sup>6</sup> *Id.*

<sup>7</sup> *Id.*

Agency (“EPA”) at levels that are “requisite to protect the public health,” 42 U.S.C. § 7409(b)(1), are established as concentrations of ozone or particulate matter and not as tonnages of their precursor pollutants.<sup>8</sup>

Attainment of a particular NAAQS occurs when the concentration of the relevant pollutant remains below a set threshold on a consistent basis throughout a particular region. For example, the San Joaquin Valley attained the 1-hour ozone NAAQS when ozone concentrations remained at or below 0.124 parts per million Valley-wide on 3 or fewer days over a 3-year period.<sup>9</sup> Because the NAAQS are focused on achieving a particular concentration of pollution region-wide, the Air District’s tools and plans for attaining the NAAQS are regional in nature.

For instance, the computer models used to simulate and predict an attainment date for the ozone or particulate matter NAAQS in the San Joaquin Valley are based on regional inputs, such as regional inventories of precursor pollutants (NO<sub>x</sub>, SO<sub>x</sub> and VOCs) and the atmospheric chemistry and meteorology of the Valley.<sup>10</sup> At a very basic level, the models simulate future ozone or PM levels based on predicted changes in precursor

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<sup>8</sup> See, e.g., United States Environmental Protection Agency, *Table of National Ambient Air Quality Standards*, available at: <http://www.epa.gov/air/criteria.html#3> (visited March 10, 2015).

<sup>9</sup> *San Joaquin Valley Unified Air Pollution Control District 2013 Plan for the Revoked 1-Hour Ozone Standard*, Ch. 2 p. 2-16, available at: [http://www.valleyair.org/Air\\_Quality\\_Plans/OzoneOneHourPlan2013/02Chapter2ScienceTrendsModeling.pdf](http://www.valleyair.org/Air_Quality_Plans/OzoneOneHourPlan2013/02Chapter2ScienceTrendsModeling.pdf) (visited March 10, 2015).

<sup>10</sup> *Id.* at Ch. 2 p. 2-19 (visited March 12, 2015); *San Joaquin Valley Unified Air Pollution Control District 2008 PM<sub>2.5</sub> Plan*, Appendix F, pp. F-2 – F-5, available at: [http://www.valleyair.org/Air\\_Quality\\_Plans/docs/AQ\\_Final\\_Adopted\\_PM2.5/20%20Appendix%20F.pdf](http://www.valleyair.org/Air_Quality_Plans/docs/AQ_Final_Adopted_PM2.5/20%20Appendix%20F.pdf) (visited March 19, 2015).

emissions Valley wide.<sup>11</sup> Because the NAAQS are set levels necessary to protect human health, the closer a region is to attaining a particular NAAQS, the lower the human health impact is from that pollutant.

The goal of these modeling exercises is not to determine whether the emissions generated by a particular factory or development project will affect the date that the Valley attains the NAAQS. Rather, the Air District's modeling and planning strategy is regional in nature and based on the extent to which *all* of the emission-generating sources in the Valley (current and future) must be controlled in order to reach attainment.<sup>12</sup>

Accordingly, the Air District has based its thresholds of significance for CEQA purposes on the levels that scientific and factual data demonstrate that the Valley can accommodate without affecting the attainment date for the NAAQS.<sup>13</sup> The Air District has tied its CEQA significance thresholds to the level at which stationary pollution sources permitted by the Air District must "offset" their emissions.<sup>14</sup> This "offset"

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<sup>11</sup> *Id.*

<sup>12</sup> Although the Air District does have a dispersion modeling tool used during its air permitting process that is used to predict whether a particular project's directly emitted PM will either cause an exceedance of the PM NAAQS or contribute to an existing exceedance, this model bases the prediction on a worst case scenario of emissions and meteorology and has no provision for predicting any associated human health impacts. Further, this analysis is only performed for stationary sources (factories, oil refineries, etc.) that are required to obtain a New Source Review permit from the Air District and not for development projects such as Friant Ranch over which the Air District has no preconstruction permitting authority. See San Joaquin Valley Unified Air Pollution Control District Rule 2201 §§ 2.0; 3.3.9; 4.14.1, available at: <http://www.valleyair.org/rules/currntrules/Rule22010411.pdf> (visited March 19, 2015).

<sup>13</sup> *San Joaquin Valley Unified Air Pollution Control District Guide to Assessing and Mitigating Air Quality Impacts*, (March 19, 2015) p. 22, available at: <http://www.valleyair.org/transportation/CEQA%20Rules/GAMAQI%20Jan%202002%20Rev.pdf> (visited March 30, 2015).

<sup>14</sup> *Id.* at pp. 22, 25.

level allows for growth while keeping the cumulative effects of all new sources at a level that will not impede attainment of the NAAQS.<sup>15</sup> In the Valley, these thresholds are 15 tons per year of PM, and 10 tons of NOx or VOC per year. *Sierra Club, supra*, 172 Cal.Rptr.3d at 303; AR 4554. Thus, the CEQA air quality analysis for criteria pollutants is not really a localized, project-level impact analysis but one of regional, “cumulative impacts.”

Accordingly, the significance thresholds applied in the Friant Ranch EIR (15 tons per year of PM and 10 tons of NOx or VOCs) are not intended to be indicative of any localized human health impact that the project may have. While the health effects of air pollution are of primary concern to the Air District (indeed, the NAAQS are established to protect human health), the Air District is simply not equipped to analyze whether and to what extent the criteria pollutant emissions of an individual CEQA project directly impact human health in a particular area. This is true even for projects with relatively high levels of emissions of criteria pollutant precursor emissions.

For instance, according to the EIR, the Friant Ranch project is estimated to emit 109.52 tons per year of ROG (VOC), 102.19 tons per year of NOx, and 117.38 tons per year of PM. Although these levels well

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<sup>15</sup> *San Joaquin Valley Unified Air Pollution Control District Environmental Review Guidelines* (Aug. 2000) p. 4-11, available at: [http://www.valleyair.org/transportation/CEQA%20Rules/ERG%20Adopted%20August%202000\\_.pdf](http://www.valleyair.org/transportation/CEQA%20Rules/ERG%20Adopted%20August%202000_.pdf) (visited March 12, 2015).

exceed the Air District's CEQA significance thresholds, this does not mean that one can easily determine the concentration of ozone or PM that will be created at or near the Friant Ranch site on a particular day or month of the year, or what specific health impacts will occur. Meteorology, the presence of sunlight, and other complex chemical factors all combine to determine the ultimate concentration and location of ozone or PM. This is especially true for a project like Friant Ranch where most of the criteria pollutant emissions derive not from a single "point source," but from area wide sources (consumer products, paint, etc.) or mobile sources (cars and trucks) driving to, from and around the site.

In addition, it would be extremely difficult to model the impact on NAAQS attainment that the emissions from the Friant Ranch project may have. As discussed above, the currently available modeling tools are equipped to model the impact of *all* emission sources in the Valley on attainment. According to the most recent EPA-approved emission inventory, the NO<sub>x</sub> inventory for the Valley is for the year 2014 is 458.2 tons per day, or 167,243 tons per year and the VOC (or ROG) inventory is 361.7 tons per day, or 132,020.5 tons per year.<sup>16</sup> Running the photochemical grid model used for predicting ozone attainment with the

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<sup>16</sup> *San Joaquin Valley Unified Air Pollution Control District 2007 Ozone Plan*, Appendix B pp. B-6, B-9, available at: [http://www.valleyair.org/Air\\_Quality\\_Plans/docs/AO\\_Ozone\\_2007\\_Adopted/19%20Appendix%20B%20April%202007.pdf](http://www.valleyair.org/Air_Quality_Plans/docs/AO_Ozone_2007_Adopted/19%20Appendix%20B%20April%202007.pdf) (visited March 12, 2015).

emissions solely from the Friant Ranch project (which equate to less than one-tenth of one percent of the total NOx and VOC in the Valley) is not likely to yield valid information given the relative scale involved.

Finally, even once a model is developed to accurately ascertain local increases in concentrations of photochemical pollutants like ozone and some particulates, it remains impossible, using today's models, to correlate that increase in concentration to a specific health impact. The reason is the same: such models are designed to determine regional, population-wide health impacts, and simply are not accurate when applied at the local level.

For these reasons, it is not the norm for CEQA practitioners, including the Air District, to conduct an analysis of the localized health impacts associated with a project's criteria air pollutant emissions as part of the EIR process. When the accepted scientific method precludes a certain type of analysis, "the court cannot impose a legal standard to the contrary." *Kings County Farm Bureau v. City of Hanford* (1990) 221 Cal.App.3d 692, 717 n. 8. However, that is exactly what the Court of Appeal has done in this case. Its decision upends the way CEQA air quality analysis of criteria pollutants occurs and should be reversed.

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**B. The Court of Appeal Improperly Extrapolated a Request for a Health Risk Assessment for Toxic Air Contaminants into a Requirement that the EIR contain an Analysis of Localized Health Impacts Associated with Criteria Air Pollutants.**

The Court of Appeal's error in requiring the new health impact analysis for criteria air pollutants clearly stems from a misunderstanding of terms of art commonly used in the air pollution field. More specifically, the Court of Appeal (and Appellants Sierra Club et al.) appear to have confused the health risk analysis ("HRA") performed to determine the health impacts associated with a project's toxic air contaminants ("TACs"), with an analysis correlating a project's criteria air pollutants (ozone, PM and the like) with specific localized health impacts.

The first type of analysis, the HRA, is commonly performed during the Air District's stationary source permitting process for projects that emit TACs and is, thus, incorporated into the CEQA review process. An HRA is a comprehensive analysis to evaluate and predict the dispersion of TACs emitted by a project and the potential for exposure of human populations. It also assesses and quantifies both the individual and population-wide health risks associated with those levels of exposure. There is no similar analysis conducted for criteria air pollutants. Thus, the second type of analysis (required by the Court of Appeal), is not currently part of the Air District's process because, as outlined above, the health risks associated

with exposure to criteria pollutants are evaluated on a regional level based on the region's attainment of the NAAQS.

The root of this confusion between the types of analyses conducted for TACs versus criteria air pollutants appears to stem from a comment that was presented to Fresno County by the City of Fresno during the administrative process.

In its comments on the draft EIR, the City of Fresno (the only party to raise this issue) stated:

[t]he EIR must disclose the human health related effects of the Project's air pollution impacts. (CEQA Guidelines section 15126.2(a).) The EIR fails completely in this area. The EIR should be revised to disclose and determine the significance of TAC impacts, and of human health risks due to exposure to Project-related air emissions.

(AR 4602.)

In determining that the issue regarding the correlation between the Friant Ranch project's criteria air pollutants and adverse health impacts was adequately exhausted at the administrative level, the Court of Appeal improperly read the first two sentences of the City of Fresno's comment in isolation rather than in the context of the entire comment. *See Sierra Club v. County of Fresno* (2014) 172 Cal.Rptr.3d 271, 306. Although the comment first speaks generally in terms of "human health related effects" and "air pollution," it requests only that the EIR be revised to disclose "the significance of TACs" and the "human health risks due to exposure."



The language of this request in the third sentence of the comment is significant because, to an air pollution practitioner, the language would only have indicated only that a HRA for TACs was requested, and not a separate analysis of the health impacts associated with the project's criteria air pollutants. Fresno County clearly read the comment as a request to perform an HRA for TACs and limited its response accordingly. (AR 4602.)<sup>17</sup> The Air District submits that it would have read the City's comment in the same manner as the County because the City's use of the terms "human health risks" and "TACs" signal that an HRA for TACs is being requested. Indeed, the Air District was also concerned that an HRA be conducted, but understood that it was not possible to conduct such an analysis until the project entered the phase where detailed site specific information, such as the types of emission sources and the proximity of the sources to sensitive receptors became available. (AR 4553.)<sup>18</sup> The City of Fresno was apparently satisfied with the County's discussion of human health risks, as it did not raise the issue again when it commented on the final EIR. (AR 8944 – 8960.)

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<sup>17</sup> Appellants do not challenge the manner in which the County addressed TACs in the EIR. (Appellants' Answer Brief p. 28 fn. 7.)

<sup>18</sup> Appellants rely on the testimony of Air District employee, Dan Barber, as support for their position that the County should have conducted an analysis correlating the project's criteria air pollutant emissions with localized health impacts. (Appellants Answer Brief pp. 10-11; 28.) However, Mr. Barber's testimony simply reinforces the Air District's concern that a risk assessment (HRA) be conducted once the actual details of the project become available. (AR 8863.) As to criteria air pollutants, Mr. Barber's comments are aimed at the Air District's concern about the amount of emissions and the fact that the emissions will make it "more difficult for Fresno County and the Valley to reach attainment which means that the health of Valley residents maybe [sic] adversely impacted." Mr. Barber says nothing about conducting a separate analysis of the localized health impacts the project's emissions may have.

The Court of Appeal's holding, which incorrectly extrapolates a request for an HRA for TACs into a new analysis of the localized health impacts of the project's criteria air pollutants, highlights two additional errors in the Court's decision.

First, the Court of Appeal's holding illustrates why the Court should have applied the deferential substantial evidence standard of review to the issue of whether the EIR's air quality analysis was sufficient. The regulation of air pollution is a technical and complex field and the Court of Appeal lacked the expertise to fully appreciate the difference between TACs and criteria air pollutants and tools available for analyzing each type of pollutant.

Second, it illustrates that the Court likely got it wrong when it held that the issue regarding the criteria pollutant / localized health impact analysis was properly exhausted during the administrative process. In order to preserve an issue for the court, '[t]he "exact issue" must have been presented to the administrative agency....' [Citation.] *Citizens for Responsible Equitable Environmental Development v. City of San Diego*, (2011) 196 Cal.App.4th 515, 527 129 Cal.Rptr.3d 512, 521; *Sierra Club v. City of Orange* (2008) 163 Cal.App.4th 523, 535, 78 Cal.Rptr.3d 1, 13. "[T]he objections must be sufficiently specific so that the agency has the

opportunity to evaluate and respond to them.’ [Citation.]” *Sierra Club v. City of Orange*, 163 Cal.App.4<sup>th</sup> at 536.<sup>19</sup>

As discussed above, the City’s comment, while specific enough to request a commonly performed HRA for TACs, provided the County with no notice that it should perform a new type of analysis correlating criteria pollutant tonnages to specific human health effects. Although the parties have not directly addressed the issue of failure to exhaust administrative remedies in their briefs, the Air District submits that the Court should consider how it affects the issues briefed by the parties since “[e]xhaustion of administrative remedies is a jurisdictional prerequisite to maintenance of a CEQA action.” *Bakersfield Citizens for Local Control v. City of Bakersfield* (2004) 124 Cal.App.4<sup>th</sup> 1184, 1199, 22 Cal.Rptr.3d 203.

### III. CONCLUSION

For all of the foregoing reasons, the Air District respectfully requests that the portion of the Court of Appeal’s decision requiring an analysis correlating the localized human health impacts associated with an individual project’s criteria air pollutant emissions be reversed.

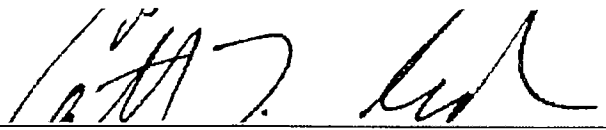
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<sup>19</sup> *Sierra Club v. City of Orange*, is illustrative here. In that case, the plaintiffs challenged an EIR approved for a large planned community on the basis that the EIR improperly broke up the various environmental impacts by separate project components or “piecemealed” the analysis in violation of CEQA. In evaluating the defense that the plaintiffs had failed to adequately raise the issue at the administrative level, the Court held that comments such as “*the use of a single document for both a project-level and a program-level EIR [is] ‘confusing’*,” and “[t]he lead agency should identify any potential adverse air quality impacts that could occur from all phases of the project and all air pollutant sources related to the project,” were too vague to fairly raise the argument of piecemealing before the agency. *Sierra Club v. City of Orange*, 163 Cal.App.4<sup>th</sup> at 537.

correlating the localized human health impacts associated with an individual project's criteria air pollutant emissions be reversed.

Respectfully submitted,

Dated: April 2, 2015



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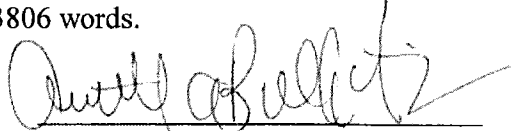
Catherine T. Redmond  
Attorney for Proposed Amicus  
Curiae

SAN JOAQUIN VALLEY  
UNIFIED  
AIR POLLUTION CONTROL  
DISTRICT

## CERTIFICATE OF WORD COUNT

Pursuant to Rule 8.204 of the California Rules of Court, I hereby certify that this document, based on the Word County feature of the Microsoft Word software program used to compose and print this document, contains, exclusive of caption, tables, certificate of word count, signature block and certificate of service, 3806 words.

Dated: April 2, 2015



Annette A. Ballatore-Williamson  
District Counsel (SBN 192176)

*Sierra Club et al, v. County of Fresno, et al*  
**Supreme Court of California Case No.: S219783**  
Fifth District Court of Appeal Case No.: F066798  
Fresno County Superior Court Case No.: 11CECG00726

**PROOF OF SERVICE**

I am over the age of 18 years and not a party to the above-captioned action; that my business address is San Joaquin Valley Unified Air Pollution Control District located at 1990 E. Gettysburg Avenue, Fresno, California 93726.

On April 2, 2015, I served the document described below:

**APPLICATION FOR LEAVE TO FILE AMICUS CURIAE BRIEF OF  
SAN JOAQUIN VALLEY UNIFIED AIR POLLUTION CONTROL DISTRICT IN  
SUPPORT OF DEFENDANT AND RESPONDENT, COUNTY OF FRESNO**

On all parties to this action at the following addresses and in the following manner:

**PLEASE SEE ATTACHED SERVICE LIST**

- (XX) **(BY MAIL)** I caused a true copy of each document(s) to be laced in a sealed envelope with first-class postage affixed and placed the envelope for collection. Mail is collected daily at my office and placed in a United State Postal Service collection box for pick-up and delivery that same day.
- ( ) **(BY ELECTRONIC MAIL)** I caused a true and correct scanned image (.PDF file) copy to be transmitted via electronic mail transfer system in place at the San Joaquin Valley Unified Air Pollution Control District ("District"), originating from the undersigned at 1990 E. Gettysburg Avenue, Fresno, CA, to the address(es) indicated below.
- ( ) **(BY OVERNIGHT MAIL)** I caused a true and correct copy to be delivered via Federal Express to the following person(s) or their representative at the address(es) listed below.

I declare under penalty of perjury under the laws of the State of California that the foregoing is true and correct and that I executed this document on April 2, 2015, at Fresno, California.

  
\_\_\_\_\_  
Esthela Soto

**SERVICE LIST**

*Sierra Club et al, v. County of Fresno, et al*

**Supreme Court of California Case No.: S219783**

Fifth District Court of Appeal Case No.: F066798

Fresno County Superior Court Case No.: 11CECG00726

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*Appendix C-3  
Amicus Curiae Brief, Friant Ranch, SCAQMD*

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**IN THE SUPREME COURT OF CALIFORNIA**

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SIERRA CLUB, REVIVE THE SAN JOAQUIN, and  
LEAGUE OF WOMEN VOTERS OF FRESNO,

Plaintiffs and Appellants,

v.

COUNTY OF FRESNO,

Defendant and Respondent,

and,

FRIANT RANCH, L.P.,

Real Party in Interest and Respondent.

SUPREME COURT  
FILED

APR 13 2015

Frank A. McGuire Clerk  
Deputy

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After a Published Decision by the Court of Appeal, filed May 27, 2014  
Fifth Appellate District Case No. F066798

Appeal from the Superior Court of California, County of Fresno  
Case No. 11CECG00726  
Honorable Rosendo A. Pena, Jr.

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**APPLICATION OF THE SOUTH COAST AIR QUALITY  
MANAGEMENT DISTRICT FOR LEAVE TO FILE  
BRIEF OF *AMICUS CURIAE* IN SUPPORT OF NEITHER PARTY  
AND [*PROPOSED*] BRIEF OF *AMICUS CURIAE***

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**CLERK SUPREME COURT**

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**TO THE HONORABLE CHIEF JUSTICE AND JUSTICES OF THE  
SUPREME COURT:**

**APPLICATION FOR LEAVE TO FILE *AMICUS CURIAE* BRIEF**

Pursuant to Rule 8.520(f) of the California Rules of Court, the South Coast Air Quality Management District (SCAQMD) respectfully requests leave to file the attached *amicus curiae* brief. Because SCAQMD's position differs from that of either party, we request leave to submit this *amicus* brief in support of neither party.

**HOW THIS BRIEF WILL ASSIST THE COURT**

SCAQMD's proposed *amicus* brief takes a position on two of the issues in this case. In both instances, its position differs from that of either party. The issues are:

- 1) Does the California Environmental Quality Act (CEQA) require an environmental impact report (EIR) to correlate a project's air pollution emissions with specific levels of health impacts?
- 2) What is the proper standard of review for determining whether an EIR provides sufficient information on the health impacts caused by a project's emission of air pollutants?

This brief will assist the Court by discussing the practical realities of correlating identified air quality impacts with specific health outcomes. In short, CEQA requires agencies to provide detailed information about a project's air quality impacts that is sufficient for the public and decisionmakers to adequately evaluate the project and meaningfully understand its impacts. However, the level of analysis is governed by a rule of reason; CEQA only requires agencies to conduct analysis if it is reasonably feasible to do so.

With regard to health-related air quality impacts, an analysis that correlates a project's air pollution emissions with specific levels of health impacts will be feasible in some cases but not others. Whether it is feasible depends on a variety of factors, including the nature of the project and the nature of the analysis under consideration. The feasibility of analysis may also change over time as air districts and others develop new tools for measuring projects' air quality related health impacts. Because SCAQMD has among the most sophisticated air quality modeling and health impact evaluation capability of any of the air districts in the State, it is uniquely situated to express an opinion on the extent to which the Court should hold that CEQA requires lead agencies to correlate air quality impacts with specific health outcomes.

SCAQMD can also offer a unique perspective on the question of the appropriate standard of review. SCAQMD submits that the proper standard of review for determining whether an EIR is sufficient as an informational document is more nuanced than argued by either party. In our view, this is a mixed question of fact and law. It includes determining whether additional analysis is feasible, which is primarily a factual question that should be reviewed under the substantial evidence standard. However, it also involves determining whether the omission of a particular analysis renders an EIR insufficient to serve CEQA's purpose as a meaningful, informational document. If a lead agency has not determined that a requested analysis is infeasible, it is the court's role to determine whether the EIR nevertheless meets CEQA's purposes, and courts should not defer to the lead agency's conclusions regarding the legal sufficiency of an EIR's analysis. The ultimate question of whether an EIR's analysis is "sufficient" to serve CEQA's informational purposes is predominately a question of law that courts should review *de novo*.

This brief will explain the rationale for these arguments and may assist the Court in reaching a conclusion that accords proper respect to a lead agency's factual conclusions while maintaining judicial authority over the ultimate question of what level of analysis CEQA requires.

#### **STATEMENT OF INTEREST OF *AMICUS CURIAE***

The SCAQMD is the regional agency primarily responsible for air pollution control in the South Coast Air Basin, which consists of all of Orange County and the non-desert portions of the Los Angeles, Riverside, and San Bernardino Counties. (Health & Saf. Code § 40410; Cal. Code Regs., tit. 17, § 60104.) The SCAQMD participates in the CEQA process in several ways. Sometimes it acts as a lead agency that prepares CEQA documents for projects. Other times it acts as a responsible agency when it has permit authority over some part of a project that is undergoing CEQA review by a different lead agency. Finally, SCAQMD also acts as a commenting agency for CEQA documents that it receives because it is a public agency with jurisdiction by law over natural resources affected by the project.

In all of these capacities, SCAQMD will be affected by the decision in this case. SCAQMD sometimes submits comments requesting that a lead agency perform an additional type of air quality or health impacts analysis. On the other hand, SCAQMD sometimes determines that a particular type of health impact analysis is not feasible or would not produce reliable and informative results. Thus, SCAQMD will be affected by the Court's resolution of the extent to which CEQA requires EIRs to correlate emissions and health impacts, and its resolution of the proper standard of review.

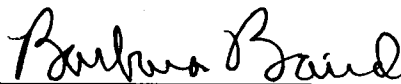
**CERTIFICATION REGARDING AUTHORSHIP AND FUNDING**

No party or counsel in the pending case authored the proposed amicus curiae brief in whole or in part, or made any monetary contribution intended to fund the preparation or submission of the brief. No person or entity other than the proposed *Amicus Curiae* made any monetary contribution intended to fund the preparation or submission of the brief.

Respectfully submitted,

DATED: April 3, 2015

SOUTH COAST AIR QUALITY  
MANAGEMENT DISTRICT  
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*MANAGEMENT DISTRICT*

## BRIEF OF AMICUS CURIAE

### SUMMARY OF ARGUMENT

The South Coast Air Quality Management District (SCAQMD) submits that this Court should not try to establish a hard-and-fast rule concerning whether lead agencies are required to correlate emissions of air pollutants with specific health consequences in their environmental impact reports (EIR). The level of detail required in EIRs is governed by a few, core CEQA (California Environmental Quality Act) principles. As this Court has stated, “[a]n EIR must include detail sufficient to enable those who did not participate in its preparation to understand and to consider meaningfully the issues raised by the proposed project.” (*Laurel Heights Improvement Assn. v. Regents of the Univ of Cal.* (1988) 47 Cal.3d 376, 405 [*“Laurel Heights I”*]) Accordingly, “an agency must use its best efforts to find out and disclose all that it reasonably can.” (*Vineyard Area Citizens for Responsible Growth, Inc. v. City of Rancho Cordova* (2007) 40 Cal.4th 412, 428 (quoting CEQA Guidelines § 15144)<sup>1</sup>). However, “[a]nalysis of environmental effects need not be exhaustive, but will be judged in light of what is reasonably feasible.” (*Association of Irrigated Residents v. County of Madera* (2003) 107 Cal.App.4th 1383, 1390; CEQA Guidelines §§ 15151, 15204(a).)

With regard to analysis of air quality related health impacts, EIRs must generally quantify a project’s pollutant emissions, but in some cases it is not feasible to correlate these emissions to specific, quantifiable health impacts (e.g., premature mortality; hospital admissions). In such cases, a general description of the adverse health impacts resulting from the pollutants at issue may be sufficient. In other cases, due to the magnitude

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<sup>1</sup> The CEQA Guidelines are found at Cal. Code Regs., tit. 14 §§ 15000, *et seq.*

or nature of the pollution emissions, as well as the specificity of the project involved, it may be feasible to quantify health impacts. Or there may be a less exacting, but still meaningful analysis of health impacts that can feasibly be performed. In these instances, agencies should disclose those impacts.

SCAQMD also submits that whether or not an EIR complies with CEQA's informational mandates by providing sufficient, feasible analysis is a mixed question of fact and law. Pertinent here, the question of whether an EIR's discussion of health impacts from air pollution is sufficient to allow the public to understand and consider meaningfully the issues involves two inquiries: (1) Is it feasible to provide the information or analysis that a commenter is requesting or a petitioner is arguing should be required?; and (2) Even if it is feasible, is the agency relying on other policy or legal considerations to justify not preparing the requested analysis? The first question of whether an analysis is feasible is primarily a question of fact that should be judged by the substantial evidence standard. The second inquiry involves evaluating CEQA's information disclosure purposes against the asserted reasons to not perform the requested analysis. For example, an agency might believe that its EIR meets CEQA's informational disclosure standards even without a particular analysis, and therefore choose not to conduct that analysis. SCAQMD submits that this is more of a legal question, which should be reviewed de novo as a question of law.

## **ARGUMENT**

### **I. RELEVANT FACTUAL AND LEGAL FRAMEWORK.**

#### **A. Air Quality Regulatory Background**

The South Coast Air Quality Management District (SCAQMD) is one of the local and regional air pollution control districts and air quality



management districts in California. The SCAQMD is the regional air pollution agency for the South Coast Air Basin, which consists of all of Orange County and the non-desert portions of Los Angeles, Riverside, and San Bernardino Counties. (Health & Saf. Code § 40410, 17 Cal. Code Reg. § 60104.) The SCAQMD also includes the Coachella Valley in Riverside County (Palm Springs area to the Salton Sea). (SCAQMD, *Final 2012 AQMP (Feb. 2013)*, <http://www.aqmd.gov/home/library/clean-air-plans/air-quality-mgt-plan/final-2012-air-quality-management-plan>; then follow “chapter 7” hyperlink; pp 7-1, 7-3 (last visited Apr. 1, 2015).) The SCAQMD's jurisdiction includes over 16 million residents and has the worst or nearly the worst air pollution levels in the country for ozone and fine particulate matter. (SCAQMD, *Final 2012 AQMP (Feb. 2013)*, <http://www.aqmd.gov/home/library/clean-air-plans/air-quality-mgt-plan/final-2012-air-quality-management-plan>; then follow “Executive Summary” hyperlink p. ES-1 (last visited Apr. 1, 2015).)

Under California law, the local and regional districts are primarily responsible for controlling air pollution from all sources except motor vehicles. (Health & Saf. Code § 40000.) The California Air Resources Board (CARB), part of the California Environmental Protection Agency, is primarily responsible for controlling pollution from motor vehicles. (*Id.*) The air districts must adopt rules to achieve and maintain the state and federal ambient air quality standards within their jurisdictions. (Health & Saf. Code § 40001.)

The federal Clean Air Act (CAA) requires the United States Environmental Protection Agency (EPA) to identify pollutants that are widely distributed and pose a threat to human health, developing a so-called “criteria” document. (42 U.S.C. § 7408; CAA § 108.) These pollutants are frequently called “criteria pollutants.” EPA must then establish “national ambient air quality standards” at levels “requisite to protect public health”,

allowing “an adequate margin of safety.” (42 U.S.C. § 7409; CAA § 109.) EPA has set standards for six identified pollutants: ozone, nitrogen dioxide, sulfur dioxide, carbon monoxide, particulate matter (PM), and lead. (U.S. EPA, National Ambient Air Quality Standards (NAAQS), <http://www.epa.gov/air/criteria.html> (last updated Oct. 21, 2014).)<sup>2</sup>

Under the Clean Air Act, EPA sets emission standards for motor vehicles and “nonroad engines” (mobile farm and construction equipment, marine vessels, locomotives, aircraft, etc.). (42 U.S.C. §§ 7521, 7547; CAA §§ 202, 213.) California is the only state allowed to establish emission standards for motor vehicles and most nonroad sources; however, it may only do so with EPA's approval. (42 U.S.C. §§ 7543(b), 7543(e); CAA §§ 209(b), 209(c).) Sources such as manufacturing facilities, power plants and refineries that are not mobile are often referred to as “stationary sources.” The Clean Air Act charges state and local agencies with the primary responsibility to attain the national ambient air quality standards. (42 U.S.C. § 7401(a)(3); CAA § 101(a)(3).) Each state must adopt and implement a plan including enforceable measures to achieve and maintain the national ambient air quality standards. (42 U.S.C. § 7410; CAA § 110.) The SCAQMD and CARB jointly prepare portion of the plan for the South Coast Air Basin and submit it for approval by EPA. (Health & Saf. Code §§ 40460, et seq.)

The Clean Air Act also requires state and local agencies to adopt a permit program requiring, among other things, that new or modified “major” stationary sources use technology to achieve the “lowest achievable emission rate,” and to control minor stationary sources as

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<sup>2</sup> Particulate matter (PM) is further divided into two categories: fine particulate or PM<sub>2.5</sub> (particles with a diameter of less than or equal to 2.5 microns) and coarse particulate (PM<sub>10</sub>) (particles with a diameter of 10 microns or less). (U.S. EPA, Particulate Matter (PM), <http://www.epa.gov/airquality/particulatepollution/> (last visited Apr. 1, 2015).)

needed to help attain the standards. (42 U.S.C. §§ 7502(c)(5), 7503(a)(2), 7410(a)(2)(C); CAA §§ 172(c)(5), 173(a)(2), 110(a)(2)(C).) The air districts implement these permit programs in California. (Health & Saf. Code §§ 42300, et seq.)

The Clean Air Act also sets out a regulatory structure for over 100 so-called “hazardous air pollutants” calling for EPA to establish “maximum achievable control technology” (MACT) for sources of these pollutants. (42 U.S.C. § 7412(d)(2); CAA § 112(d)(2).) California refers to these pollutants as “toxic air contaminants” (TACs) which are subject to two state-required programs. The first program requires “air toxics control measures” for specific categories of sources. (Health & Saf. Code § 39666.) The other program requires larger stationary sources and sources identified by air districts to prepare “health risk assessments” for impacts of toxic air contaminants. (Health & Saf. Code §§ 44320(b), 44322, 44360.) If the health risk exceeds levels identified by the district as “significant,” the facility must implement a “risk reduction plan” to bring its risk levels below “significant” levels. Air districts may adopt additional more stringent requirements than those required by state law, including requirements for toxic air contaminants. (Health & Saf. Code § 41508; *Western Oil & Gas Assn. v. Monterey Bay Unified APCD* (1989) 49 Cal.3d 408, 414.) For example, SCAQMD has adopted a rule requiring new or modified sources to keep their risks below specified levels and use best available control technology (BACT) for toxics. (SCAQMD, *Rule 1401-New Source Review of Toxic Air Contaminants*, <http://www.aqmd.gov/home/regulations/rules/scaqmd-rule-book/regulation-xiv>; then follow “Rule 1401” hyperlink (last visited Apr. 1, 2015).)

## **B. The SCAQMD's Role Under CEQA**

The California Environmental Quality Act (CEQA) requires public agencies to perform an environmental review and appropriate analysis for projects that they implement or approve. (Pub. Resources Code § 21080(a).) The agency with primary approval authority for a particular project is generally the “lead agency” that prepares the appropriate CEQA document. (CEQA Guidelines §§ 15050, 15051.) Other agencies having a subsequent approval authority over all or part of a project are called “responsible” agencies that must determine whether the CEQA document is adequate for their use. (CEQA Guidelines §§ 15096(c), 15381.) Lead agencies must also consult with and circulate their environmental impact reports to “trustee agencies” and agencies “with jurisdiction by law” including “authority over resources which may be affected by the project.” (Pub. Resources Code §§ 21104(a), 21153; CEQA Guidelines §§ 15086(a)(3), 15073(c).) The SCAQMD has a role in all these aspects of CEQA.

Fulfilling its responsibilities to implement its air quality plan and adopt rules to attain the national ambient air quality standards, SCAQMD adopts a dozen or more rules each year to require pollution reductions from a wide variety of sources. The SCAQMD staff evaluates each rule for any adverse environmental impact and prepares the appropriate CEQA document. Although most rules reduce air emissions, they may have secondary environmental impacts such as use of water or energy or disposal of waste—e.g., spent catalyst from control equipment.<sup>3</sup>

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<sup>3</sup> The SCAQMD's CEQA program for its rules is a “Certified Regulatory Program” under which it prepares a “functionally equivalent” document in lieu of a negative declaration or EIR. (Pub. Resources Code § 21080.5, CEQA Guidelines § 15251(l).)

The SCAQMD also approves a large number of permits every year to construct new, modified, or replacement facilities that emit regulated air pollutants. The majority of these air pollutant sources have already been included in an earlier CEQA evaluation for a larger project, are currently being evaluated by a local government as lead agency, or qualify for an exemption. However, the SCAQMD sometimes acts as lead agency for major projects where the local government does not have a discretionary approval. In such cases, SCAQMD prepares and certifies a negative declaration or environmental impact report (EIR) as appropriate.<sup>4</sup> SCAQMD evaluates perhaps a dozen such permit projects under CEQA each year. SCAQMD is often also a “responsible agency” for many projects since it must issue a permit for part of the projects (e.g., a boiler used to provide heat in a commercial building). For permit projects evaluated by another lead agency under CEQA, SCAQMD has the right to determine that the CEQA document is inadequate for its purposes as a responsible agency, but it may not do so because its permit program already requires all permitted sources to use the best available air pollution control technology. (SCAQMD, *Rule 1303(a)(1) – Requirements*, <http://www.aqmd.gov/home/regulations/rules/scaqmd-rule-book/regulation-xiii>; then follow “Rule 1303” hyperlink (last visited Apr. 1, 2015).)

Finally, SCAQMD receives as many as 60 or more CEQA documents each month (around 500 per year) in its role as commenting agency or an agency with “jurisdiction by law” over air quality—a natural resource affected by the project. (Pub. Resources Code §§ 21104(a), 21153; CEQA Guidelines § 15366(a)(3).) The SCAQMD staff provides comments on as many as 25 or 30 such documents each month.

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<sup>4</sup> The SCAQMD's permit projects are not included in its Certified Regulatory Program, and are evaluated under the traditional local government CEQA analysis. (Pub. Resources Code §§ 21150-21154.)

(SCAQMD Governing Board Agenda, Apr. 3, 2015, Agenda Item 16, Attachment A, <http://www.aqmd.gov/home/library/meeting-agendas-minutes/agenda?title=governing-board-meeting-agenda-april-3-2015>; then follow “16. Lead Agency Projects and Environmental Documents Received by SCAQMD” hyperlink (last visited Apr. 1, 2015).) Of course, SCAQMD focuses its commenting efforts on the more significant projects.

Typically, SCAQMD comments on the adequacy of air quality analysis, appropriateness of assumptions and methodology, and completeness of the recommended air quality mitigation measures. Staff may comment on the need to prepare a health risk assessment detailing the projected cancer and noncancer risks from toxic air contaminants resulting from the project, particularly the impacts of diesel particulate matter, which CARB has identified as a toxic air contaminant based on its carcinogenic effects. (California Air Resources Board, Resolution 98-35, Aug. 27, 1998, <http://www.arb.ca.gov/regact/diesltac/diesltac.htm>; then follow Resolution 98-35 hyperlink (last visited Apr. 1, 2015).) Because SCAQMD already requires new or modified stationary sources of toxic air contaminants to use the best available control technology for toxics and to keep their risks below specified levels, (SCAQMD Rule 1401, *supra*, note 15), the greatest opportunity to further mitigate toxic impacts through the CEQA process is by reducing emissions—particularly diesel emissions—from vehicles.

**II. THIS COURT SHOULD NOT SET A HARD-AND-FAST RULE CONCERNING THE EXTENT TO WHICH AN EIR MUST CORRELATE A PROJECT’S EMISSION OF POLLUTANTS WITH RESULTING HEALTH IMPACTS.**

Numerous cases hold that courts do not review the correctness of an EIR's conclusions but rather its sufficiency as an informative document. (*Laurel Heights 1*, *supra*, 47 Cal.3d at p. 392; *Citizens of Goleta Valley v.*

*Bd. of Supervisors* (1990) 52 Cal.3d 553, 569; *Bakersfield Citizens for Local Control v. City of Bakersfield* (2004) 124 Cal.App.4th 1184, 1197.)

As stated by the Court of Appeal in this case, where an EIR has addressed a topic, but the petitioner claims that the information provided about that topic is insufficient, courts must “draw[] a line that divides *sufficient* discussions from those that are *insufficient*.” (*Sierra Club v. County of Fresno* (2014) 226 Cal.App.4th 704 (superseded by grant of review) 172 Cal.Rptr.3d 271, 290.) The Court of Appeal readily admitted that “[t]he terms themselves – sufficient and insufficient – provide little, if any, guidance as to where the line should be drawn. They are simply labels applied once the court has completed its analysis.” (*Id.*)

The CEQA Guidelines, however, provide guidance regarding what constitutes a sufficient discussion of impacts. Section 15151 states that “the sufficiency of an EIR is to be reviewed in light of what is reasonably feasible.” Case law reflects this: “Analysis of environmental effects need not be exhaustive, but will be judged in light of what was reasonably feasible.” (*Association of Irrigated Residents v. County of Madera, supra*, 107 Cal.App.4th at p. 1390; see also CEQA Guidelines § 15204(a).)

Applying this test, this Court cannot realistically establish a hard-and-fast rule that an analysis correlating air pollution impacts of a project to quantified resulting health impacts is always required, or indeed that it is never required. Simply put, in some cases such an analysis will be “feasible”; in some cases it will not.

For example, air pollution control districts often require a proposed new source of toxic air contaminants to prepare a “health risk assessment” before issuing a permit to construct. District rules often limit the allowable cancer risk the new source may cause to the “maximally exposed individual” (worker and residence exposures). (*See, e.g.*, SCAQMD Rule 1401(c)(8); 1401(d)(1), *supra* note 15.) In order to perform this analysis, it

is necessary to have data regarding the sources and types of air toxic contaminants, location of emission points, velocity of emissions, the meteorology and topography of the area, and the location of receptors (worker and residence). (SCAQMD, *Supplemental Guidelines for Preparing Risk Assessments for the Air Toxics "Hot Spots" Information and Assessment Act (AB2588)*, pp. 11-16; (last visited Apr. 1, 2015) <http://www.aqmd.gov/home/library/documents-support-material>; "Guidelines" hyperlink; AB2588; then follow AB2588 Risk Assessment Guidelines hyperlink.)

Thus, it is feasible to determine the health risk posed by a new gas station locating at an intersection in a mixed use area, where receptor locations are known. On the other hand, it may not be feasible to perform a health risk assessment for airborne toxics that will be emitted by a generic industrial building that was built on "speculation" (i.e., without knowing the future tenant(s)). Even where a health risk assessment can be prepared, however, the resulting maximum health risk value is only a calculation of risk—it does not necessarily mean anyone will contract cancer as a result of the project.

In order to find the "cancer burden" or expected additional cases of cancer resulting from the project, it is also necessary to know the numbers and location of individuals living within the "zone of impact" of the project: i.e., those living in areas where the projected cancer risk from the project exceeds one in a million. (SCAQMD, Health Risk Assessment Summary form, <http://www.aqmd.gov/home/forms>; filter by "AB2588" category; then "Health Risk Assessment" hyperlink (last visited Apr. 1, 2015).) The affected population is divided into bands of those exposed to at least 1 in a million risk, those exposed to at least 10 in a million risk, etc. up to those exposed at the highest levels. (*Id.*) This data allows agencies to calculate an approximate number of additional cancer cases expected from



the project. However, it is not possible to predict which particular individuals will be affected.

For the so-called criteria pollutants<sup>5</sup>, such as ozone, it may be more difficult to quantify health impacts. Ozone is formed in the atmosphere from the chemical reaction of the nitrogen oxides (NO<sub>x</sub>) and volatile organic compounds (VOC) in the presence of sunlight. (U.S. EPA, Ground Level Ozone, <http://www.epa.gov/airquality/ozonepollution/> (last updated Mar. 25, 2015).) It takes time and the influence of meteorological conditions for these reactions to occur, so ozone may be formed at a distance downwind from the sources. (U.S. EPA, *Guideline on Ozone Monitoring Site Selection* (Aug. 1998) EPA-454/R-98-002 § 5.1.2, <http://www.epa.gov/ttnamti1/archive/cpreldoc.html> (last visited Apr. 1, 2015).) NO<sub>x</sub> and VOC are known as “precursors” of ozone.

Scientifically, health effects from ozone are correlated with increases in the ambient level of ozone in the air a person breathes. (U.S. EPA, *Health Effects of Ozone in the General Population*, Figure 9, <http://www.epa.gov/apti/ozonehealth/population.html#levels> (last visited Apr. 1, 2015).) However, it takes a large amount of additional precursor emissions to cause a modeled increase in ambient ozone levels over an entire region. For example, the SCAQMD's 2012 AQMP showed that reducing NO<sub>x</sub> by 432 tons per day (157,680 tons/year) and reducing VOC by 187 tons per day (68,255 tons/year) would reduce ozone levels at the SCAQMD's monitor site with the highest levels by only 9 parts per billion. (South Coast Air Quality Management District, *Final 2012 AQMP (February 2013)*, <http://www.aqmd.gov/home/library/clean-air-plans/air-quality-mgt-plan/final-2012-air-quality-management-plan>; then follow “Appendix V: Modeling & Attainment Demonstrations” hyperlink,

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<sup>5</sup> See discussion of types of pollutants, *supra*, Part I.A.

pp. v-4-2, v-7-4, v-7-24.) SCAQMD staff does not currently know of a way to accurately quantify ozone-related health impacts caused by NO<sub>x</sub> or VOC emissions from relatively small projects.

On the other hand, this type of analysis may be feasible for projects on a regional scale with very high emissions of NO<sub>x</sub> and VOCs, where impacts are regional. For example, in 2011 the SCAQMD performed a health impact analysis in its CEQA document for proposed Rule 1315, which authorized various newly-permitted sources to use offsets from the districts “internal bank” of emission reductions. This CEQA analysis accounted for essentially *all* the increases in emissions due to new or modified sources in the District between 2010 and 2030.<sup>6</sup> The SCAQMD was able to correlate this very large emissions increase (e.g., 6,620 pounds per day NO<sub>x</sub> (1,208 tons per year), 89,180 pounds per day VOC (16,275 tons per year)) to expected health outcomes from ozone and particulate matter (e.g., 20 premature deaths per year and 89,947 school absences in the year 2030 due to ozone).<sup>7</sup> (SCAQMD Governing Board Agenda, February 4, 2011, Agenda Item 26, *Assessment for: Re-adoption of Proposed Rule 1315 – Federal New Source Review Tracking System* (see hyperlink in fn 6) at p. 4.1-35, Table 4.1-29.)

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<sup>6</sup> (SCAQMD Governing Board Agenda, February 4, 2011, Agenda Item 26, Attachment G, *Assessment for: Re-adoption of Proposed Rule 1315 – Federal New Source Review Tracking System, Vol. 1, p.4.0-6*, <http://www.aqmd.gov/home/library/meeting-agendas-minutes/agenda?title=governing-board-meeting-agenda-february-4-2011>; the follow “26. Adopt Proposed Rule 1315 – Federal New Source Review Tracking System” (last visited April 1, 2015).)

<sup>7</sup> The SCAQMD was able to establish the location of future NO<sub>x</sub> and VOC emissions by assuming that new projects would be built in the same locations and proportions as existing stationary sources. This CEQA document was upheld by the Los Angeles County Superior Court in *Natural Res. Def. Council v SCAQMD*, Los Angeles Superior Court No. BS110792).

However, a project emitting only 10 tons per year of NO<sub>x</sub> or VOC is small enough that its regional impact on ambient ozone levels may not be detected in the regional air quality models that are currently used to determine ozone levels. Thus, in this case it would not be feasible to directly correlate project emissions of VOC or NO<sub>x</sub> with specific health impacts from ozone. This is in part because ozone formation is not linearly related to emissions. Ozone impacts vary depending on the location of the emissions, the location of other precursor emissions, meteorology and seasonal impacts, and because ozone is formed some time later and downwind from the actual emission. (EPA Guideline on Ozone Monitoring Site Selection (Aug. 1998) EPA-454/R-98-002, § 5.1.2; <https://www.epa.gov/ttnamti1/archive/cpreldoc.html>; then search “Guideline on Ozone Monitoring Site Selection” click on pdf) (last viewed Apr. 1, 2015).)

SCAQMD has set its CEQA “significance” threshold for NO<sub>x</sub> and VOC at 10 tons per year (expressed as 55 lb/day). (SCAQMD, *Air Quality Analysis Handbook*, <http://www.aqmd.gov/home/regulations/ceqa/air-quality-analysis-handbook>; then follow “SCAQMD Air Quality Significance Thresholds” hyperlink (last visited Apr. 1, 2015).) This is because the federal Clean Air Act defines a “major” stationary source for “extreme” ozone nonattainment areas such as SCAQMD as one emitting 10 tons/year. (42 U.S.C. §§ 7511a(e), 7511a(f); CAA §§ 182(e), 182(f).) Under the Clean Air Act, such sources are subject to enhanced control requirements (42 U.S.C. §§ 7502(c)(5), 7503; CAA §§ 172(c)(5), 173), so SCAQMD decided this was an appropriate threshold for making a CEQA “significance” finding and requiring feasible mitigation. Essentially, SCAQMD takes the position that a source that emits 10 tons/year of NO<sub>x</sub> or VOC would contribute cumulatively to ozone formation. Therefore, lead agencies that use SCAQMD’s thresholds of significance may determine

that many projects have “significant” air quality impacts and must apply all feasible mitigation measures, yet will not be able to precisely correlate the project to quantifiable health impacts, unless the emissions are sufficiently high to use a regional modeling program.

In the case of particulate matter (PM<sub>2.5</sub>)<sup>8</sup>, another “criteria” pollutant, SCAQMD staff is aware of two possible methods of analysis. SCAQMD used regional modeling to predict expected health impacts from its proposed Rule 1315, as mentioned above. Also, the California Air Resources Board (CARB) has developed a methodology that can predict expected mortality (premature deaths) from large amounts of PM<sub>2.5</sub>. (California Air Resources Board, *Health Impacts Analysis: PM Premature Death Relationship*, [http://www.arb.ca.gov/research/health/pm-mort/pm-mort\\_arch.htm](http://www.arb.ca.gov/research/health/pm-mort/pm-mort_arch.htm) (last reviewed Jan. 19, 2012).) SCAQMD used the CARB methodology to predict impacts from three very large power plants (e.g., 731-1837 lbs/day). (Final Environmental Assessment for Rule 1315, *supra*, pp 4.0-12, 4.1-13, 4.1-37 (e.g., 125 premature deaths in the entire SCAQMD in 2030), 4.1-39 (0.05 to 1.77 annual premature deaths from power plants.) Again, this project involved large amounts of additional PM<sub>2.5</sub> in the District, up to 2.82 tons/day (5,650 lbs/day of PM<sub>2.5</sub>, or, or 1029 tons/year. (*Id.* at table 4.1-4, p. 4.1-10.)

However, the primary author of the CARB methodology has reported that this PM<sub>2.5</sub> health impact methodology is not suited for small projects and may yield unreliable results due to various uncertainties.<sup>9</sup> (SCAQMD, *Final Subsequent Mitigated Negative Declaration for: Warren*

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<sup>8</sup> SCAQMD has not attained the latest annual or 24-hour national ambient air quality standards for “PM<sub>2.5</sub>” or particulate matter less than 2.5 microns in diameter.

<sup>9</sup> Among these uncertainties are the representativeness of the population used in the methodology, and the specific source of PM and the corresponding health impacts. (*Id.* at p. 2-24.)

*E&P, Inc. WTU Central Facility, New Equipment Project* (certified July 19, 2011), <http://www.aqmd.gov/home/library/documents-support-material/lead-agency-permit-projects/permit-project-documents---year-2011>; then follow “Final Subsequent Mitigated Negative Declaration for Warren E&P Inc. WTU Central Facility, New Equipment Project” hyperlink, pp. 2-22, 2-23 (last visited Apr. 1, 2015).) Therefore, when SCAQMD prepared a CEQA document for the expansion of an existing oil production facility, with very small PM<sub>2.5</sub> increases (3.8 lb/day) and a very small affected population, staff elected not to use the CARB methodology for using estimated PM<sub>2.5</sub> emissions to derive a projected premature mortality number and explained why it would be inappropriate to do so. (*Id.* at pp 2-22 to 2-24.) SCAQMD staff concluded that use of this methodology for such a small source could result in unreliable findings and would not provide meaningful information. (*Id.* at pp. 2-23, 2-25.) This CEQA document was not challenged in court.

In the above case, while it may have been technically possible to plug the data into the methodology, the results would not have been reliable or meaningful. SCAQMD believes that an agency should not be required to perform analyses that do not produce reliable or meaningful results. This Court has already held that an agency may decline to use even the “normal” “existing conditions” CEQA baseline where to do so would be misleading or without informational value. (*Neighbors for Smart Rail v. Exposition Metro Line* (2013) 57 Cal.4th 439, 448, 457.) The same should be true for a decision that a particular study or analysis would not provide reliable or meaningful results.<sup>10</sup>

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<sup>10</sup> Whether a particular study would result in “informational value” is a part of deciding whether it is “feasible.” CEQA defines “feasible” as “capable of being accomplished in a successful manner within a reasonable period of time, taking into account economic, environmental, social, and

Therefore, it is not possible to set a hard-and-fast rule on whether a correlation of air quality impacts with specific quantifiable health impacts is required in all cases. Instead, the result turns on whether such an analysis is reasonably feasible in the particular case.<sup>11</sup> Moreover, what is reasonably feasible may change over time as scientists and regulatory agencies continually seek to improve their ability to predict health impacts. For example, CARB staff has been directed by its Governing Board to reassess and improve the methodology for estimating premature deaths. (California Air Resources Board, *Health Impacts Analysis: PM Mortality Relationship*, <http://www.arb.ca.gov/research/health/pm-mort/pm-mort.htm> (last reviewed Dec. 29, 2010).) This factor also counsels against setting any hard-and-fast rule in this case.

### **III. THE QUESTION OF WHETHER AN EIR CONTAINS SUFFICIENT ANALYSIS TO MEET CEQA'S REQUIREMENTS IS A MIXED QUESTION OF FACT AND LAW GOVERNED BY TWO DIFFERENT STANDARDS OF REVIEW.**

#### **A. Standard of Review for Feasibility Determination and Sufficiency as an Informative Document**

A second issue in this case is whether courts should review an EIR's informational sufficiency under the "substantial evidence" test as argued by Friant Ranch or the "independent judgment" test as argued by Sierra Club.

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technological factors." (Pub. Resources Code § 21061.1.) A study cannot be "accomplished in a *successful* manner" if it produces unreliable or misleading results.

<sup>11</sup> In this case, the lead agency did not have an opportunity to determine whether the requested analysis was feasible because the comment was non-specific. Therefore, SCAQMD suggests that this Court, after resolving the legal issues in the case, direct the Court of Appeal to remand the case to the lead agency for a determination of whether the requested analysis is feasible. Because Fresno County, the lead agency, did not seek review in this Court, it seems likely that the County has concluded that at least some level of correlation of air pollution with health impacts is feasible.

As this Court has explained, “a reviewing court must adjust its scrutiny to the nature of the alleged defect, depending on whether the claim is predominantly one of improper procedure or a dispute over the facts.” (*Vineyard Area Citizens v. City of Rancho Cordova, supra*, 40 Cal.4th at 435.) For questions regarding compliance with proper procedure or other legal questions, courts review an agency’s action de novo under the “independent judgment” test. (*Id.*) On the other hand, courts review factual disputes only for substantial evidence, thereby “accord[ing] greater deference to the agency’s substantive factual conclusions.” (*Id.*)

Here, Friant Ranch and Sierra Club agree that the case involves the question of whether an EIR includes sufficient information regarding a project’s impacts. However, they disagree on the proper standard of review for answering this question: Sierra Club contends that courts use the independent judgment standard to determine whether an EIR’s analysis is sufficient to meet CEQA’s informational purposes,<sup>12</sup> while Friant Ranch contends that the substantial evidence standard applies to this question.

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<sup>12</sup> Sierra Club acknowledges that courts use the substantial evidence standard when reviewing predicate factual issues, but argues that courts ultimately decide as a matter of law what CEQA requires. (Answering Brief, pp. 14, 23.)

SCAQMD submits that the issue is more nuanced than either party contends. We submit that, whether a CEQA document includes sufficient analysis to satisfy CEQA's informational mandates is a mixed question of fact and law,<sup>13</sup> containing two levels of inquiry that should be judged by different standards.<sup>14</sup>

The state CEQA Guidelines set forth standards for the adequacy of environmental analysis. Guidelines Section 15151 states:

An EIR should be prepared with a sufficient degree of analysis to provide decision makers with information which enables them to make a decision which intelligently takes account of environmental consequences. An evaluation of the environmental effects of a proposed project need not be exhaustive, but the sufficiency of an EIR is to be reviewed in light of what is reasonably feasible. Disagreement among experts does not make an EIR inadequate, but the EIR should summarize the main points of disagreement among the experts. The courts have looked not for perfection, but for adequacy, completeness, and a good-faith effort at full disclosure.

In this case, the basic question is whether the underlying analysis of air quality impacts made the EIR "sufficient" as an informative document. However, whether the EIR's analysis was sufficient is judged in light of what was reasonably feasible. This represents a mixed question of fact and law that is governed by two different standards of review.

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<sup>13</sup> Friant Ranch actually states that the claim that an EIR lacks sufficient relevant information is, "most properly thought of as raising mixed questions of fact and law." (Opening Brief, p. 27.) However, the remainder of its argument claims that the court should apply the substantial evidence standard of review to all aspects of the issue.

<sup>14</sup> Mixed questions of fact and law issues may implicate predominantly factual subordinate questions that are reviewed under the substantial evidence test even though the ultimate question may be reviewed by the independent judgment test. *Crocker National Bank v. City and County of San Francisco* (1989) 49 Cal.3d 881, 888-889.



SCAQMD submits that an EIR's sufficiency as an informational document is ultimately a legal question that courts should determine using their independent judgment. This Court's language in *Laurel Heights I* supports this position. As this Court explained: "The court does not pass upon the correctness of the EIR's environmental conclusions, but only upon its *sufficiency as an informative document*." (*Laurel Heights I, supra*, 47 Cal.3d at 392-393) (emphasis added.) As described above, the Court in *Vineyard Area Citizens v. City of Rancho Cordova, supra*, 40 Cal.4th at 431, also used its independent judgment to determine what level of analysis CEQA requires for water supply impacts. The Court did not defer to the lead agency's opinion regarding the law's requirements; rather, it determined for itself what level of analysis was necessary to meet "[t]he law's informational demands." (*Id.* at p. 432.) Further, existing case law also holds that where an agency fails to comply with CEQA's information disclosure requirements, the agency has "failed to proceed in the manner required by law." (*Save Our Peninsula Comm. v. Monterey County Bd. of Supervisors* (2001) 87 Cal.App.4th 99, 118.)

However, whether an EIR satisfies CEQA's requirements depends in part on whether it was reasonably feasible for an agency to conduct additional or more thorough analysis. EIRs must contain "a detailed statement" of a project's impacts (Pub. Res. Code § 21061), and an agency must "use its best efforts to find out and disclose all that it reasonably can." (CEQA Guidelines § 15144.) Nevertheless, "the sufficiency of an EIR is to be reviewed in light of what is reasonably feasible." (CEQA Guidelines § 15151.)

SCAQMD submits that the question of whether additional analysis or a particular study suggested by a commenter is "feasible" is generally a question of fact. Courts have already held that whether a particular alternative is "feasible" is reviewed by the substantial evidence test.

(*Uphold Our Heritage v. Town of Woodside* (2007) 147 Cal.App.4th 587, 598-99; *Center for Biological Diversity v. County of San Bernardino* (2010) 185 Cal.App.4th 866, 883.) Thus, if a lead agency determines that a particular study or analysis is infeasible, that decision should generally be judged by the substantial evidence standard. However, SCAQMD urges this Court to hold that lead agencies must explain the basis of any determination that a particular analysis is infeasible in the EIR itself. An EIR must discuss information, including issues related to the feasibility of particular analyses “in sufficient detail to enable meaningful participation and criticism by the public. ‘[W]hatever is required to be considered in an EIR must be in that formal report; what any official might have known from other writings or oral presentations cannot supply what is lacking in the report.’” (*Laurel Heights I, supra*, 47 Cal.3d at p. 405 (quoting *Santiago County Water District v. County of Orange* (1981) 118 Cal.App.3d 818, 831) (discussing analysis of alternatives).) The evidence on which the determination is based should also be summarized in the EIR itself, with appropriate citations to reference materials if necessary. Otherwise commenting agencies such as SCAQMD would be forced to guess where the lead agency's evidence might be located, thus thwarting effective public participation.

Moreover, if a lead agency determines that a particular study or analysis would not result in reliable or useful information and for that reason is not feasible, that determination should be judged by the substantial evidence test. (See *Neighbors for Smart Rail v. Exposition Metro Line Construction Authority, supra*, 57 Cal.4th 439, 448, 457:

whether “existing conditions” baseline would be misleading or uninformative judged by substantial evidence standard.<sup>15</sup>)

If the lead agency’s determination that a particular analysis or study is not feasible is supported by substantial evidence, then the agency has not violated CEQA’s information disclosure provisions, since it would be infeasible to provide additional information. This Court’s decisions provide precedent for such a result. For example, this Court determined that the issue of whether the EIR should have included a more detailed discussion of future herbicide use was resolved because substantial evidence supported the agency’s finding that “the precise parameters of future herbicide use could not be predicted.” *Ebbetts Pass Forest Watch v. California Dept. of Forestry & Fire Protection* (2008) 43 Cal.4th 936, 955.

Of course, SCAQMD expects that courts will continue to hold lead agencies to their obligations to consult with, and not to ignore or misrepresent, the views of sister agencies having special expertise in the area of air quality. (*Berkeley Keep Jets Over the Bay v. Board of Port Commissioners* (2007) 91 Cal.App.4<sup>th</sup> 1344, 1364 n.11.) In some cases, information provided by such expert agencies may establish that the purported evidence relied on by the lead agency is not in fact “substantial”. (*Id.* at pp. 1369-1371.)

In sum, courts retain ultimate responsibility to determine what CEQA requires. However, the law does not require exhaustive analysis, but only what is reasonably feasible. Agencies deserve deference for their factual determinations regarding what type of analysis is reasonably feasible. On the other hand, if a commenter requests more information, and the lead agency declines to provide it but does *not* determine that the

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<sup>15</sup> The substantial evidence standard recognizes that the courts "have neither the resources nor the scientific expertise" to weigh conflicting evidence on technical issues. (*Laurel Heights I, supra*, 47 Cal.3d 376, 393.)

requested study or analysis would be infeasible, misleading or uninformative, the question becomes whether the omission of that analysis renders the EIR inadequate to satisfy CEQA's informational purposes. (*Id.* at pp. 1370-71.) Again, this is predominantly a question of law and should be judged by the de novo or independent judgment standard of review. Of course, this Court has recognized that a "project opponent or reviewing court can always imagine some additional study or analysis that might provide helpful information. It is not for them to design the EIR. That further study...might be helpful does not make it necessary." (*Laurel Heights I, supra*, 47 Cal.3d 376, 415 – see also CEQA Guidelines § 15204(a) [CEQA "does not require a lead agency to conduct every test. . . recommended or demanded by commenters."].) Courts, then, must adjudicate whether an omission of particular information renders an EIR inadequate to serve CEQA's informational purposes.<sup>16</sup>

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<sup>16</sup> We recognize that there is case law stating that the substantial evidence standard applies to "challenges to the scope of an EIR's analysis of a topic" as well as the methodology used and the accuracy of the data relied on in the document "because these types of challenges involve factual questions." (*Bakersfield Citizens for Local Control v. City of Bakersfield, supra*, 124 Cal.App.4<sup>th</sup> 1184, 1198, and cases relied on therein.) However, we interpret this language to refer to situations where the question of the scope of the analysis really is factual—that is, where it involves whether further analysis is feasible, as discussed above. This interpretation is supported by the fact that the *Bakersfield* court expressly rejected an argument that a claimed "omission of information from the EIR should be treated as inquiries whether there is substantial evidence supporting the decision approving the project." *Bakersfield, supra*, 124 Cal.App.4<sup>th</sup> at p. 1208. And the *Bakersfield* court ultimately decided that the lead agency must analyze the connection between the identified air pollution impacts and resulting health impacts, even though the EIR already included some discussion of air-pollution-related respiratory illnesses. *Bakersfield, supra*, 124 Cal.App.4<sup>th</sup> at p. 1220. Therefore, the court must not have interpreted this question as one of the "scope of the analysis" to be judged by the substantial evidence standard.

**B. Friant Ranch's Rationale for Rejecting the Independent Judgment Standard of Review is Unsupported by Case Law.**

In its brief, Friant Ranch makes a distinction between cases where a required CEQA topic is not discussed at all (to be reviewed by independent judgment as a failure to proceed in the manner required by law) and cases where a topic is discussed, but the commenter claims the information provided is insufficient (to be judged by the substantial evidence test). (Opening Brief, pp. 13-17.) The Court of Appeal recognized these two types of cases, but concluded that both raised questions of law. (*Sierra Club v. County of Fresno* (2014) 226 Cal.App.4th 704 (superseded by grant of review) 172 Cal.Rptr.3d 271, 290.) We believe the distinction drawn by Friant Ranch is unduly narrow, and inconsistent with cases which have concluded that CEQA documents are insufficient. In many instances, CEQA's requirements are stated broadly, and the courts must interpret the law to determine what level of analysis satisfies CEQA's mandate for providing meaningful information, even though the EIR discusses the issue to some extent.

For example, the CEQA Guidelines require discussion of the existing environmental baseline. In *County of Amador v. El Dorado County Water Agency* (1999) 76 Cal.App.4th 931, 954-955, the lead agency had discussed the environmental baseline by describing historic month-end water levels in the affected lakes. However, the court held that this was not an adequate baseline discussion because it failed to discuss the timing and amounts of past actual water releases, to allow comparison with the proposed project. The court evidently applied the independent judgment test to its decision, even though the agency discussed the issue to some extent.

Likewise, in *Vineyard Area Citizens* (2007) 40 Cal.4th 412, this Court addressed the question of whether an EIR's analysis of water supply impacts complied with CEQA. The parties agreed that the EIR was required to analyze the effects of providing water to the development project, "and that in order to do so the EIR had, in some manner, to identify the planned sources of that water." (*Vineyard Area Citizens, supra*, at p. 428.) However, the parties disagreed as to the level of detail required for this analysis and "what level of uncertainty regarding the availability of water supplies can be tolerated in an EIR . . . ." (*Id.*) In other words, the EIR had analyzed water supply impacts for the project, but the petitioner claimed that the analysis was insufficient.

This Court noted that neither CEQA's statutory language or the CEQA Guidelines specifically addressed the question of how precisely an EIR must discuss water supply impacts. (*Id.*) However, it explained that CEQA "states that '[w]hile foreseeing the unforeseeable is not possible, an agency must use its best efforts to find out and disclose all that it reasonably can.'" (*Id.*, [Guidelines § 15144].) The Court used this general principle, along with prior precedent, to elucidate four "principles for analytical adequacy" that are necessary in order to satisfy "CEQA's informational purposes." (*Vineyard Area Citizens, supra*, at p. 430.) The Court did not defer to the agency's determination that the EIR's analysis of water supply impacts was sufficient. Rather, this Court used its independent judgment to determine for itself the level of analysis required to satisfy CEQA's fundamental purposes. (*Vineyard Area Citizens, supra*, at p. 441: an EIR does not serve its purposes where it neglects to explain likely sources of water and "... leaves long term water supply considerations to later stages of the project.")

Similarly, the CEQA Guidelines require an analysis of noise impacts of the project. (Appendix G, “Environmental Checklist Form.”<sup>17</sup>) In *Gray v. County of Madera* (2008) 167 Cal.App.4th 1099, 1123, the court held that the lead agency’s noise impact analysis was inadequate even though it had addressed the issue and concluded that the increase would not be noticeable. If the court had been using the substantial evidence standard, it likely would have upheld this discussion.

Therefore, we do not agree that the issue can be resolved on the basis suggested by Friant Ranch, which would apply the substantial evidence standard to *every* challenge to an analysis that addresses a required CEQA topic. This interpretation would subvert the courts’ proper role in interpreting CEQA and determining what the law requires.

Nor do we agree that the Court of Appeal in this case violated CEQA’s prohibition on courts interpreting its provisions “in a manner which imposes procedural or substantive requirements beyond those explicitly stated in this division or in the state guidelines.” (Pub. Resources Code § 21083.1.) CEQA requires an EIR to describe *all* significant impacts of the project on the environment. (Pub. Resources Code § 21100(b)(2); *Vineyard Area Citizens, supra*, at p. 428.) Human beings are part of the environment, so CEQA requires EIRs to discuss a project’s significant impacts on human health. However, except in certain particular circumstances,<sup>18</sup> neither the CEQA statute nor Guidelines specify the precise level of analysis that agencies must undertake to satisfy the law’s requirements. (see, e.g., CEQA Guidelines § 15126.2(a) [EIRs must describe “health and safety problems caused by {a project’s} physical changes”].) Accordingly, courts must interpret CEQA as a whole to

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<sup>17</sup> Association of Environmental Professionals, 2015 CEQA Statute and Guidelines (2015) p.287.

<sup>18</sup> E.g., Pub. Resources Code § 21151.8(C)(3)(B)(iii) (requiring specific type of health risk analysis for siting schools).

determine whether a particular EIR is sufficient as an informational document. A court determining whether an EIR's discussion of human health impacts is legally sufficient does not constitute imposing a new substantive requirement.<sup>19</sup> Under Friant Ranch's theory, the above-referenced cases holding a CEQA analysis inadequate would have violated the law. This is not a reasonable interpretation.

#### **IV. COURTS MUST SCRUPULOUSLY ENFORCE THE REQUIREMENTS THAT LEAD AGENCIES CONSULT WITH AND OBTAIN COMMENTS FROM AIR DISTRICTS**

Courts must "scrupulously enforce" CEQA's legislatively mandated requirements. (*Vineyard Area Citizens, supra*, 40 Cal.4<sup>th</sup> 412, 435.) Case law has firmly established that lead agencies must consult with the relevant air pollution control district before conducting an initial study, and must provide the districts with notice of the intention to adopt a negative declaration (or EIR). (*Schenck v. County of Sonoma* (2011) 198 Cal.App.4th 949, 958.) As *Schenck* held, neither publishing the notice nor providing it to the State Clearinghouse was a sufficient substitute for sending notice directly to the air district. (*Id.*) Rather, courts "must be satisfied that [administrative] agencies have fully complied with the procedural requirements of CEQA, since only in this way can the important public purposes of CEQA be protected from subversion." *Schenck*, 198 Cal.App.4th at p. 959 (citations omitted).<sup>20</sup>

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<sup>19</sup> We submit that Public Resources Code Section 21083.1 was intended to prevent courts from, for example, holding that an agency must analyze economic impacts of a project where there are no resulting environmental impacts (see CEQA Guidelines § 15131), or imposing new procedural requirements, such as imposing additional public notice requirements not set forth in CEQA or the Guidelines.

<sup>20</sup> Lead agencies must consult air districts, as public agencies with jurisdiction by law over resources affected by the project, *before* releasing an EIR. (Pub. Resources Code §§ 21104(a); 21153.) Moreover, air



Lead agencies should be aware, therefore, that failure to properly seek and consider input from the relevant air district constitutes legal error which may jeopardize their project approvals. For example, the court in *Fall River Wild Trout Foundation v. County of Shasta*, (1999) 70 Cal.App.4th 482, 492 held that the failure to give notice to a trustee agency (Department of Fish and Game) was prejudicial error requiring reversal. The court explained that the lack of notice prevented the Department from providing any response to the CEQA document. (*Id.* at p. 492.) It therefore prevented relevant information from being presented to the lead agency, which was prejudicial error because it precluded informed decision-making. (*Id.*)<sup>21</sup>

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districts should be considered “state agencies” for purposes of the requirement to consult with “trustee agencies” as set forth in Public Resources Code § 20180.3(a). This Court has long ago held that the districts are not mere “local agencies” whose regulations are superseded by those of a state agency regarding matters of statewide concern, but rather have concurrent jurisdiction over such issues. (*Orange County Air Pollution Control District v. Public Util. Com.* (1971) 4 Cal.3d 945, 951, 954.) Since air pollution is a matter of statewide concern, *Id.* at 952, air districts should be entitled to trustee agency status in order to ensure that this vital concern is adequately protected during the CEQA process.

<sup>21</sup> In *Schenck*, the court concluded that failure to give notice to the air district was not prejudicial, but this was partly because the trial court had already corrected the error before the case arrived at the Court of Appeal. The trial court issued a writ of mandate requiring the lead agency to give notice to the air district. The air district responded by concurring with the lead agency that air impacts were not significant. (*Schenck*, 198 Cal.App.4th 949, 960.) We disagree with the *Schenck* court that the failure to give notice to the air district would not have been prejudicial (even in the absence of the trial court writ) merely because the lead agency purported to follow the air district’s published CEQA guidelines for significance. (*Id.*, 198 Cal.App.4th at p. 960.) In the first place, absent notice to the air district, it is uncertain whether the lead agency properly followed those guidelines. Moreover, it is not realistic to expect that an air district’s published guidelines would necessarily fully address all possible air-quality related issues that can arise with a CEQA project, or that those

Similarly, lead agencies must obtain additional information requested by expert agencies, including those with jurisdiction by law, if that information is necessary to determine a project's impacts. (*Sierra Club v. State Bd. Of Forestry* (1994) 7 Cal.4th 1215, 1236-37.) Approving a project without obtaining that information constitutes a failure to proceed in the manner prescribed by CEQA. (*Id.* at p. 1236.)

Moreover, a lead agency can save significant time and money by consulting with the air district early in the process. For example, the lead agency can learn what the air district recommends as an appropriate analysis on the facts of its case, including what kinds of health impacts analysis may be available, and what models are appropriate for use. This saves the lead agency from the need to do its analysis all over again and possibly needing to recirculate the document after errors are corrected, if new significant impacts are identified. (CEQA Guidelines § 15088.5(a).) At the same time, the air district's expert input can help the lead agency properly determine whether another commenter's request for additional analysis or studies is reasonable or feasible. Finally, the air district can provide input on what mitigation measures would be feasible and effective.

Therefore, we suggest that this Court provide guidance to lead agencies reminding them of the importance of consulting with the relevant air districts regarding these issues. Otherwise, their feasibility decisions may be vulnerable to air district evidence that establishes that there is no substantial evidence to support the lead agency decision not to provide specific analysis. (*See Berkeley Keep Jets Over the Bay, supra*, 91 Cal.App.4th 1344, 1369-1371.)

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guidelines would necessarily be continually modified to reflect new developments. Therefore we believe that, had the trial court not already ordered the lead agency to obtain the air district's views, the failure to give notice would have been prejudicial, as in *Fall River, supra*, 70 Cal.App.4th 482, 492.

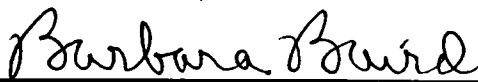
## CONCLUSION

The SCAQMD respectfully requests this Court *not* to establish a hard-and-fast rule concerning whether CEQA requires a lead agency to correlate identified air quality impacts of a project with resulting health outcomes. Moreover, the question of whether an EIR is “sufficient as an informational document” is a mixed question of fact and law containing two levels of inquiry. Whether a particular proposed analysis is feasible is predominantly a question of fact to be judged by the substantial evidence standard of review. Where the requested analysis is feasible, but the lead agency relies on legal or policy reasons not to provide it, the question of whether the EIR is nevertheless sufficient as an informational document is predominantly a question of law to be judged by the independent judgment standard of review.

Respectfully submitted,

DATED: April 3, 2015

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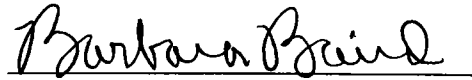
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## CERTIFICATE OF WORD COUNT

Pursuant to Rule 8.520(c)(1) of the California Rules of Court, I hereby certify that this brief contains 8,476 words, including footnotes, but excluding the Application, Table of Contents, Table of Authorities, Certificate of Service, this Certificate of Word Count, and signature blocks. I have relied on the word count of the Microsoft Word Vista program used to prepare this Certificate.

DATED: April 3, 2015

Respectfully submitted,

  
Barbara Baird

**PROOF OF SERVICE**

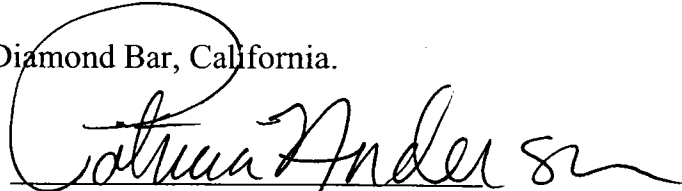
I am employed in the County of Los Angeles, California. I am over the age of 18 years and not a party to the within action. My business address is 21865 Copley Drive, Diamond Bar, California 91765.

On April 3, 2015 I served true copies of the following document(s) described as **APPLICATION OF THE SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT FOR LEAVE TO FILE BRIEF OF *AMICUS CURIAE* IN SUPPORT OF NEITHER PARTY AND [PROPOSED] BRIEF OF *AMICUS CURIAE*** by placing a true copy of the foregoing document(s) in a sealed envelope addressed as set forth on the attached service list as follows:

**BY MAIL:** I enclosed the document(s) in a sealed envelope or package addressed to the persons at the addresses listed in the Service List and placed the envelope for collection and mailing following our ordinary business practices. I am readily familiar with this District's practice for collection and processing of correspondence for mailing. Under that practice, the correspondence would be deposited with the United States Postal Service, with postage thereon fully prepaid at Diamond Bar, California, in the ordinary course of business. I am aware that on motion of the party served, service is presumed invalid if postal cancellation date or postage meter date is more than one day after date of deposit for mailing in affidavit.

I declare under penalty of perjury under the laws of the State of California that the foregoing is true and correct.

Executed on April 3, 2015 at Diamond Bar, California.

  
Patricia Anderson

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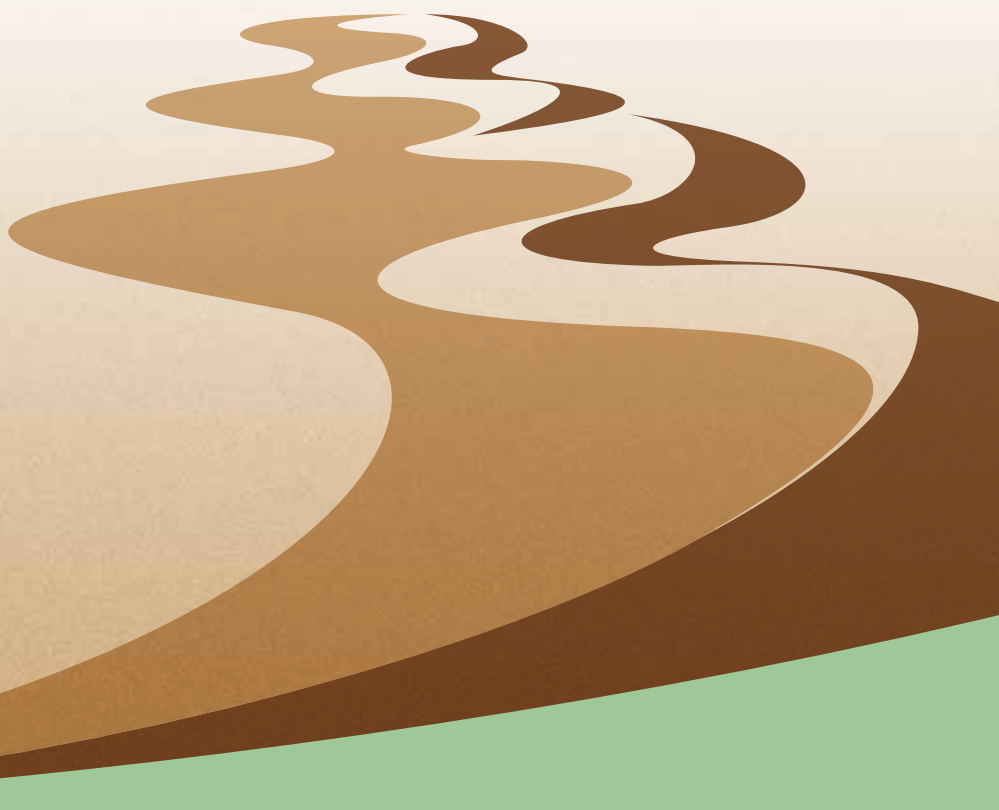
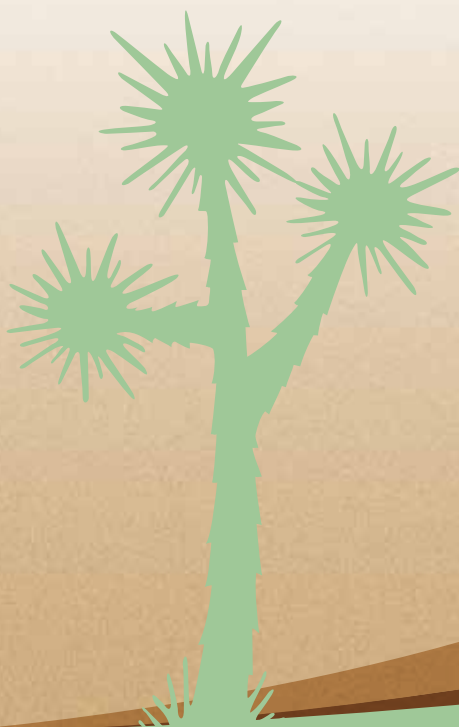
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*Appendix C-4  
Homeowners Guide to Controlling  
Windblown Sand and Dust*



# Homeowners Guide

to Controlling Windblown Sand and Dust



Information in this manual applies to high elevation desert regions of Southern California. It is based on approximately 20 years of research conducted by the Dustbusters Research Group in the Antelope Valley of Northern Los Angeles County.





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**Front Cover:** Residential and car damage resulting from a windblown sand event.

**Back Cover:**

# Dustbusters Research Group



In 1991, the Dustbusters Research Group formed a task force to develop best management practices for mitigating wind erosion, reducing blowing dust, and improving air quality in the Antelope Valley. Since then, Dustbusters has developed and implemented a land treatment program to minimize wind erosion through vegetative and mechanical procedures.

The Dustbusters Research Group consists of private entities as well as federal, city and county government representatives. These include the USDA Natural Resources Conservation Service, Southern California Edison, Antelope Valley Air Quality Management District, City of Los Angeles Department of World Airports, University of California Cooperative Extension, San Diego State University, Midwest Research Institute, Los Angeles County Fire Department – Forestry Division, Antelope Valley Resource Conservation District, and local farmers from Bolthouse Farms, Calandri Farms, Giba Farms, Kindig Farms, Nebeker Ranch, and Munz Ranch.

# Summary

Homeowners in the high elevation Mojave Desert and other Southwestern U.S. locations encounter extended droughts, high winds, *soil*\* erosion, and other circumstances that result in blowing dust. Any process that results in minimal soil cover also invites dust problems. Wind speeds in this area can exceed 50 mph. When the wind blows, dust will follow.

Many public and private agencies are available to help homeowners manage their dust problems. The techniques described in this Guide may serve as a starting point. However, a comprehensive program often requires consultation with experts.

For assistance, homeowners in the Antelope Valley can contact one or more of the resources listed in the Resources Guide. Homeowners in other areas may also benefit by using web-based resources listed in the Resources Guide or by contacting similar agencies in their own areas.



**Figure 1:** The undisturbed desert is stable and is not a source of blowing dust.

\* The definitions of italicized words are listed in the Glossary of Terms.

# Introduction

## Statement of Problem

When it's windy in the desert, *sand* and *dust* may blow across your property, and sand may build up around your home and yard. (See Figure 2.) Blowing sand and dust can damage property, cause respiratory health problems, and lower real estate values.

### **For homeowners, there are usually two sources of sand and dust:**

- ☀ Accumulations of loose sand *upwind* of your property
- ☀ *Bare ground* with sand deposits or loose soil on your property.

The sand deposits on your property probably accumulated during high wind events that blew the sand from upwind locations. In addition, the blowing sand probably contributed to the loose soil and damaged vegetation on your property.

### **This Guide tells you the cause of these problems and how to solve them. It will help you understand what you need to know about:**

- ☀ Sources of sand and dust
- ☀ A two-part process for controlling sand and dust
- ☀ Guidelines for carrying out both parts of the process.



**Figure 2:** During high wind events, the disturbed parts of the desert experience blowing sand and dust.

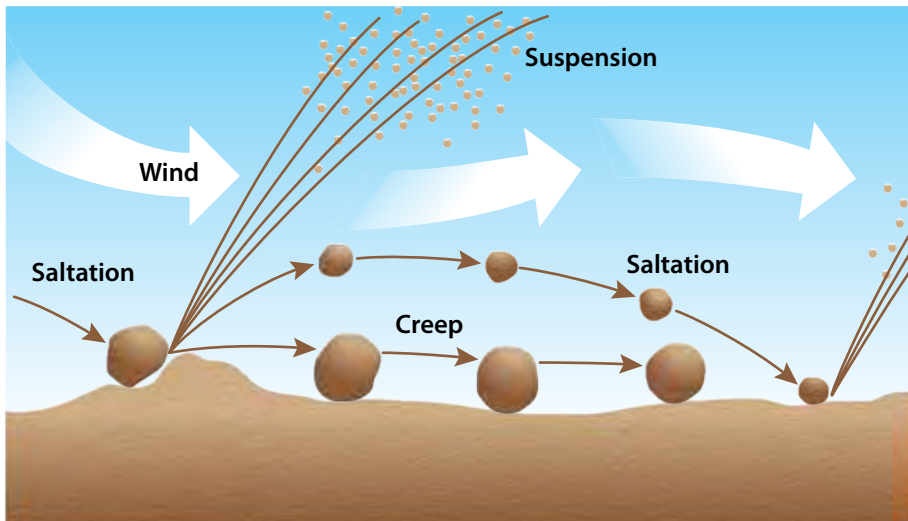
**To lessen the problem for those who own land that is downwind of your property, it is important that you keep your loose sand and soil within your property line.**

## Sources of Sand and Dust

Desert soils are typically crusted and protected from the wind by scattered native vegetation. Even areas of loose sand are protected if the coverage of vegetation is sufficient. However, vehicle traffic, construction activities and farming can damage or destroy the vegetation and crusts.

As a result, high winds can pick up loose sand particles from the desert soil surface and bounce them along the ground. The bouncing or *saltation* of sand particles sandblasts the soil surface and causes fine dust to be lofted into the air. (See Figure 3.) This process is called wind erosion.

Only restoration of mature native vegetation can fully return eroded desert soil to its natural condition. This process can take many years. In order to survive, young vegetation in the form of seedlings must be protected from *sandblasting*. So the first step in the dust *control* process is to stop the sand flow.



**Figure 3:** Wind erosion begins with particle creep (rolling) of large particles. Soon, saltation (bouncing) of sand particles begins. These energetic particles erode even stable soil, causing suspension of dust particles into the air.

## Purpose and Description of Guides

Information in this Guide will assist homeowners with control of blowing sand and dust. It is based on approximately 20 years of research conducted in Antelope Valley by the Dustbusters. Two other Guides have been prepared, for large area land managers and for growers. (Website reference--cross reference Homeowners Guide and Agricultural Guide URLs here)

## Process for Controlling Sand and Dust

**The problem of sand and dust control can be divided into two steps:**

- ☀ Step 1: Stop the flow of intruding sand onto the owner's property from nearby upwind properties.
- ☀ Step 2: Stabilize the loose soil on the owner's property.

The fine dust that is lofted above a height of 3 feet from the ground cannot be captured effectively, so this Guide emphasizes controlling the sand flow that generates coarse dust. Controlling the sand flow prevents most of the generation of fine dust.



**Figure 4:** This residence experienced blown sand deposits in an unstable landscape.

A number of dust control measures address the problem of sand and dust control and have been evaluated by Dustbusters in the Antelope Valley. Table 1 lists these measures and their associated United States Department of Agriculture / Natural Resources Conservation Service (USDA/NRCS) Conservation Practice and Reference Code.

**Table 1: Dust control practices to consider in the Antelope Valley and their associated USDA/NRCS Conservation Practice and Reference Code.**

Situation	Suggested Practices	Conservation Practice	USDA/NRCS Reference Code*
Stop flow of sand from upwind	Wind breaks and wind barriers	Windbreak / Shelterbelt Establishment	380
		Herbaceous Wind Barriers	603
	Large vegetation	Herbaceous Wind Barriers	603
		Tree/Shrub Establishment	612
	Temporary	Cover Crop	340
	Berms		Trial studies being conducted
Stacked straw bales		Trial studies being conducted	
Stabilize loose soil	Native/locally adapted vegetation	Conservation Cover	327
	Native/locally adapted vegetation	Critical Area Planting	342
	Mulch – wood chips or gravel	Mulching	484
	Emergency tillage	Cross Wind Ridges	589A
	Herbaceous cover	Cross Wind Trap Strips	589C
	Roughened surface or furrows across the wind	Surface Roughening or Emergency Tillage	609

**NOTE:** This list identifies the most common (but not all) Conservation Practices for homeowners. For information about additional options or for assistance, homeowners can contact the Antelope Valley U. S. Department of Agriculture Natural Resources Conservation Service (USDA/NRCS) office at 661-945-2604. Additional resources are listed in the Resources Guide.

The following information provides a two-step approach to selecting and implementing cost-effective measures for controlling dust.

\* For more detailed information about these Conservation Practices, go to the USDA/NRCS website <http://www.ca.nrcs.usda.gov/>. Under Quick Access in left margin, select Electronic Field Office Technical Guide (eFOTG). Then click on California Map to select county. Page opens to display list of eFOTG sections in left margin. Select Section IV; then select Table of Contents. As an option, select Conservation Practices under the individual folders that appear under the Table of Contents heading.

# Step 1:

## Stop Flow of Sand from Upwind

### Wind Barriers and Wind Breaks

The first step in controlling sand and dust problems is to prevent blowing sand from entering your property. You can control blowing sand from areas outside your property by placing *wind barriers* or *wind breaks* along the upwind property boundaries that face the direction of high winds. You can block wind flow with:

#### Wind barriers – these provide total wind blockage

- ☼ Berms made from wood chips or soil
- ☼ Walls of concrete blocks or other structural materials
- ☼ Stacks of hay bales
- ☼ Solid fences

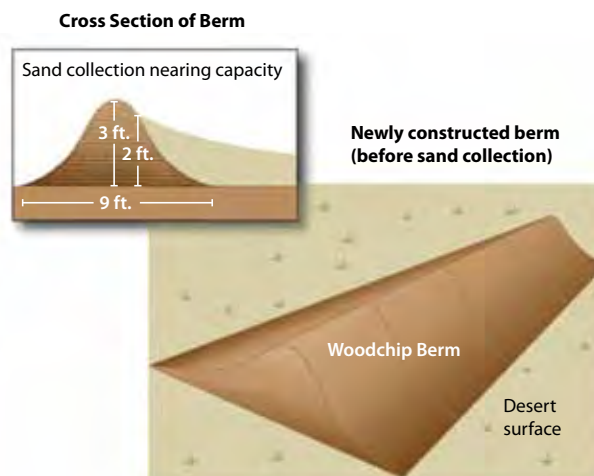
#### Wind breaks – these provide partial wind blockage

- ☼ Porous fences (lattice design)
- ☼ Rows of large vegetation – trees and shrubs

Blowing sand seldom reaches a height greater than 3 feet above the ground. Thus, to effectively stop windblown sand, it is important that the wind barriers or wind breaks be at least 3 feet high. A taller wind barrier or wind break has greater capacity for trapping blowing sand. For example, if the height is 6 feet rather than 3 feet, the capacity is increased by at least 4 times.

### Berms made from wood chips or soil

Berms can be constructed of wood chips or soil. (See Figures 5 and 6.) A 3-foot high berm will stop sand from entering your property and will shelter vegetation and shrubs planted *downwind* of it. When the berm fills in (saturates) with sand on its upwind side, the sand will flow over the top of the berm and



**Figure 5:** These diagrams show the structure and cross section of a berm.



deposit on the downwind side. This will make the berm ineffective.

So it is important to maintain the berm before this saturation condition is reached. This can be done either (a) by removing the sand deposit or (b) by using it to build a taller berm in the same place.

If the first option is selected, it may be reasonable to remove the accumulated sand from the berm by hand if the accumulation is less than 18 inches deep. Otherwise motorized equipment such as a small tractor should be used. Transfer any sand that is removed from the berm to a location where it is protected from the wind by a shelter or covering.

The second option is much more feasible for a wood chip berm rather than a soil berm. Although this step can be done manually, it would be convenient to use a small tractor for rebuilding a wood chip berm. First lift the wood chips, allowing the sand to drop to the ground. Then stack the chips on top of the sand.

### **Fences or walls that are solid wind barriers**

Wood fences or concrete block walls are examples of solid wind barriers. These barriers collect blowing sand on the upwind side until the collected sand reaches the top of the barrier. Because these barrier surfaces are vertical, they collect much more sand than a sloped berm of the same height. So solid wind barriers require more work to remove the accumulated sand.

### **Fences that are partial wind barriers**

Porous polyethylene wind fencing (lattice design) is an example of a partial wind barrier. (See Figure 7.) Wind fencing is available from many hardware stores. Lattice fence material slows the wind but does not block it. Sand is deposited on the ground mostly on the downwind side.



**Figure 6:** Berms are semi-permanent features on the landscape that provide effective reduction of blowing sand.



**Figure 7:** This 50% wind porosity fencing causes dust to deposit more on the downwind side of the fence.

A standard fence height of 4 feet will cause blowing sand to deposit within 40 feet downwind of the fence. The area of sand accumulation is large, so the buildup of sand depth is slower and cleanup is less frequent than with solid wind barriers of the same height.

### Large vegetation – trees and shrubs

Rows of large vegetation, such as trees and shrubs, collect sand in a way similar to porous wind fences. They also provide an attractive wind barrier, even after the upwind sand encroachment problem stops. To grow properly, vegetation needs a fine, moist subsurface of soil and protection from sandblasting.

Plant the vegetation along the downwind edge of a berm or other wind barrier. (See Figure 8.) This protects the vegetation during the early stages of its growth. Use tubular or cone-shaped coverings constructed of wire mesh or other materials designed to protect seedlings from sandblasting and animals.

Plant trees or shrubs in a single row or in a pattern of multiple rows that provides a wind blockage of about 50 percent. In other words, about half of the wind flow will be blocked between the ground and the height of the vegetation. As with other wind barriers, large vegetation protects land areas to a downwind distance of 10 times the vegetation height. For example, a row of 10-foot tall trees will protect downwind areas from eroding out to a distance of 100 feet.



**Figure 8:** The row of shrubs is protected from sandblasting by a wind fence.

## Making a Selection

The following tables will help you make choices for controlling blowing sand, based on three important considerations:

- ☀ Cost
- ☀ Appearance
- ☀ Effectiveness.

Dustbusters researchers have rated the suitability of each option for stopping sand flow. Table 2 rates three popular wind barriers and wind breaks for capturing blowing sand. **In Table 2, wood chips score the highest, with cost being a deciding factor. Wood chips have the clear advantage of being biodegradable and suitable as a future soil amendment.**

You may wish to rate each sub-factor differently, which may lead to a different score. In addition, you may gather information that leads to variations of these options. For example, you may decide to evaluate a soil berm rather than a wood chip berm. Your local experts can offer valuable information and recommendations to assist your decision-making process.

For guidance, job sheets, and other information, contact the Antelope Valley United States Department of Agriculture / Natural Resources Conservation Service (USDA/NRCS) office at 661-945-2604. For more detailed information about vegetation, go to USDA/NRCS website at <http://www.ca.nrcs.usda.gov/>.

Once you have completed your preliminary ratings, proceed to the implementation steps outlined in the next section.

**Table 2: Rating of Wind Breaks and Barriers**

Control Characteristic		Rating: 1 (least favorable) to 5 (most favorable)		
Factor	Subfactor	Wood Chip Berm	Tall Vegetation	Porous Wind Fence
Cost	Materials	5	1	2
	Installation	4	2	2
	Maintenance	4	2	1
Appearance	0-2 years	2	4	3
	More than 2 years	2	5	2
Effectiveness	0-1 year	5	3	4
	1-3 years	5	4	4
	More than 3 years	4	5	4
<b>Overall Score</b>		<b>31/40 = 78%</b>	<b>26/40 = 65%</b>	<b>22/40 = 55%</b>

# Step 2:

## Stabilize Loose Soil on Your Property

### Stabilization Options

The second step in controlling sand and dust problems is to stabilize any areas of sand or loose soil on your property. Cover areas of loose soil or accumulated sand with a thin layer (3 – 4 inches) of wind-resistant material, such as wood chips or gravel. This is a quick, easy way to temporarily stabilize the ground surface. This layer can provide protection for up to 5 years, as long as no new sand accumulation covers the wind-resistant material.

You can also use small vegetation such as grasses to stabilize the soil. However, you must protect the vegetation from blowing sand while it gets established. One way to protect the vegetation is by growing it in the protection zone of a wind barrier or wind break. This zone extends downwind from the base of the wind barrier or wind break to a distance of 10 barrier/break heights. For example, a 4-foot high wind fence will protect an area up to 40 feet downwind of the fence.

### Limit activities that disturb soil

Undisturbed soil has a natural stability and resistance to wind erosion. The best approach to preventing windblown sand and dust is to limit the areas where soil is disturbed. For example, whenever possible, plan the schedule and locations of construction or other activities so that soil disturbance is minimized. The purpose of this planning is to limit disturbance of desert soils to the time immediately before construction activities begin and to the seasons when high winds are at a minimum. Highest winds tend to occur in the spring.

## Making a Selection

The following tables will help you make choices for stabilizing loose soil or sand, based on three key considerations:

- ☀ Cost
- ☀ Appearance
- ☀ Effectiveness.

Dustbusters researchers have rated the suitability of each control option. Table 3 shows ratings of three popular stabilizers for protecting loose soil or sand on homeowner property. **In Table 3, wood chip coverings score the highest, with cost being a deciding factor.**

You may wish to rate each sub-factor differently, which may lead to a different score. In addition, you may gather information that leads to variations of these options. For example, you may decide to evaluate a different type of covering. Much of your decision may be based on the knowledge and recommendations of experts in your locality.

For additional guidance, job sheets, and other information, contact the Antelope Valley USDA/NRCS office at 661-945-2604. For more detailed information about vegetation, go to USDA/NRCS website at <http://www.ca.nrcs.usda.gov/>.

Once you have completed your preliminary ratings, proceed to the implementation steps outlined in the next section.

**Table 3: Rating of Stabilizers for Loose Soil**

Control Characteristic		Rating: 1 (least favorable) to 5 (most favorable)		
Factor	Subfactor	Wood Chip Layer	Vegetation	Gravel
Cost	Materials	5	2	3
	Installation	5	2	4
	Maintenance	5	3	5
Appearance	0-2 years	4	4	4
	More than 2 years	3	5	3
Effectiveness	0-1 year	5	4	5
	1-3 years	4	5	3
	More than 3 years	3	5	1
<b>Overall Score</b>		<b>34/40 = 85%</b>	<b>30/40 = 75%</b>	<b>28/40 = 70%</b>

# Steps for Control Implementation

Use the following four steps to evaluate and make choices for sand and dust controls:

**Step 1: Answer the following questions.** Your answers will help you select specific controls and estimate implementation costs.

- ☼ Where are the boundaries of your residential property?
- ☼ What buildings other than the house are located on your property?
- ☼ Where are the upwind sources of the sand that impact your property?
- ☼ Are the upwind sand sources temporary or will they continue for several years?
- ☼ What is the main direction of high winds that carry most of the sand onto your property?
- ☼ What areas of your property are covered by sand or loose soil?
- ☼ How important to you is the appearance of the control measure in relation to cost?
- ☼ Is frequent maintenance of the control acceptable if significant cost savings result?
- ☼ Is there enough water to irrigate trees or shrubs planted as a wind break?

**Step 2: Draw a map.** (See Figure 9.)

- ☼ Sketch an overhead map that shows property boundaries and the location of the house and other buildings.
- ☼ Show the locations of any loose sand and soil areas on your property.
- ☼ Draw an arrow that shows the prevailing direction of high winds.
- ☼ Show the general locations of upwind sources of loose sand that blows toward your property from outside areas during high winds. This may require a larger map.
- ☼ Identify the best locations on your property for wind barriers or wind breaks. Determine the approximate length and height of wind breaks or wind barriers that you are considering.

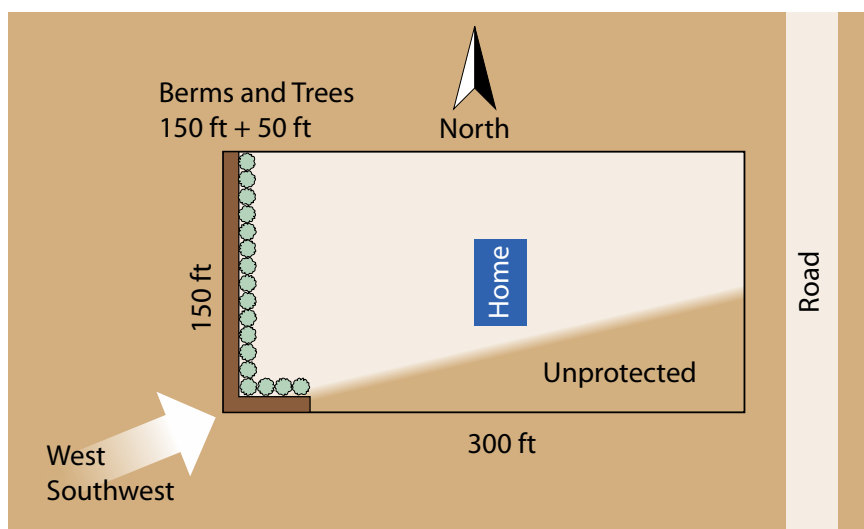
**Step 3: Identify locations for installing wind barriers or wind breaks.**

- ☼ Plan a layout of wind barriers or wind breaks along your upwind property line that will stop blowing sand from entering your property.
- ☼ Draw lines representing the planned wind barriers or wind breaks on the map created in Step 2.
- ☼ Shade in the ground surface areas that will be protected by the wind barriers or wind breaks.
- ☼ Develop a general plan for periodically maintaining the wind barriers or wind breaks as the captured sand accumulates.

### Example of residential lot map:

As shown in Figure 9, the residential lot is oriented north and south and the prevailing wind direction is from the west southwest as shown by the arrow. The locations of planned berms and tree rows are shown along the west boundary and a portion of the south boundary of the lot.

The proposed berm/tree row configuration will protect most of the property from intruding sand, as shown. Much of the property can also be protected from potential structural damage by high winds, depending on the height of the tree row.



**Figure 9:** Diagram of overhead map of homeowner property.

### **Step 4: Identify areas where loose sand or soil on the property will be protected.**

- ☀ Identify areas of loose soil or sand that will be stabilized.
- ☀ Circle the areas for stabilization on the map created in Step 2.
- ☀ Determine what areas of loose soil or sand will be protected by wind barriers or wind breaks.
- ☀ Develop a general plan for monitoring the stabilized areas of loose soil or sand to make sure that the protective layer does not become covered with sand during high wind events.

# How to Build a Wood Chip Berm

These instructions describe how to build a wood chip berm that will stop sand from blowing onto your property. For purposes of illustration, the height of the berm is 3 feet – the minimum height required for effectiveness.

## **Step 1: Calculate the volume of wood chips required.**

- ✿ To calculate the volume (cubic yards) of wood chips needed for a 3-foot high berm, multiply length of the berm (feet) by 2 cubic yards of wood chips per foot.

## **Step 2: Procure the wood chips**

- ✿ Find a supplier. Local tree trimmers, utility companies, and city governments can be a source for free wood chips. Often, the wood chips are delivered free of charge but may arrive at random times.
- ✿ Arrange for delivery. Ask the supplier for the schedule. Tell the supplier where and what volume of wood chips to dump on your property. Don't expect the delivery truck to place the wood chips evenly in a row along upwind edge of your property, unless you have arranged for this separately.

## **Step 3: Install the wood chip berm**

- ✿ Use a wheelbarrow and large shovel or pitch fork to transfer the wood chips to points along the upwind edge of property following the line(s) indicated on the property map. Alternatively, this work can be performed much more easily with a small rental tractor with implements and a truck or flatbed trailer for loading, hauling and distributing the wood chips.
- ✿ Construct the berm at least 3 feet high by transferring wood chips from the nearby piles, and be sure that it is oriented perpendicular to the wind. (See Figure 6.) As noted above, use a tractor with implements to construct the berm or do this manually with a shovel and rake.
- ✿ Place the berm at least 10 feet inside the property line. This will allow you to access the upwind side of the berm for maintenance without crossing onto your neighbor's property.

## **Step 4: Maintain the wood chip berm**

- ✿ Maintain the berm when the accumulated sand on the upwind side reaches half the height of the berm. To do this, use a pitch fork or shovel to lift and restack the wood chips, allowing the sand to fall through to the ground. Alternatively, a small tractor with implements can be used for this purpose.



# How to Build a Wind Break of Vegetation

These instructions describe how to build a wind break of trees or shrubs to stop sand from blowing onto your property.

## **Step 1: Select and purchase the vegetation**

- ☀ Select vegetation that will grow at least 5 feet high and will flourish in your local soil and climate conditions. A local nursery sponsored by the Antelope Valley Resource Conservation District (AVRCD) sells this wind break vegetation at cost. Nursery staff can advise you about trees or shrubs suitable for this purpose.
- ☀ Determine the spacing of trees or shrubs and the total number of plants needed.
- ☀ Purchase the trees and shrubs at the time that the wood chip berm or other wind barrier is built. The berm or barrier will successfully block blowing sand and prevent it from damaging the new vegetation.

## **Step 2: Plant the rows of trees or shrubs**

- ☀ Use a tractor with implements to prepare the soil or do the preparation manually.
- ☀ Follow USDA/NRCS instructions for planting the vegetation wind breaks, including recommendations for spacing, root depth, irrigation, and protection from animals.
- ☀ Plant the vegetation in autumn to assure the best survival rate.
- ☀ If you use seedlings, use cone-shaped or tube-shaped vented coverings designed to protect them from sandblasting or animals during their early stages of growth. Wire mesh can also be used for this purpose.
- ☀ Install irrigation lines or make other provisions for regular watering, as needed.

## **Step 3: Inspect and maintain the vegetation**

- ☀ Periodically inspect the new trees or shrubs for plant vitality and for any structural damage by sand or animals.
- ☀ Add water and nutrients to the soil around the vegetation, as needed.

# How to Stabilize Soil with Wood Chips

These instructions describe how to use wood chips to stabilize areas of loose sand or soil on your property.

## **Step 1: Calculate the volume of wood chips required.**

- ✿ To calculate the volume (cubic yards) of wood chips needed to cover an exposed soil area for protection, multiply length by width of the area in feet by 0.33 feet (equivalent of 4 inches). Then divide by 9 to convert the volume of chips from cubic feet to cubic yards.

## **Step 2: Procure the wood chips**

- ✿ Find a supplier. Local tree trimmers, utility companies, and city governments can be a source for free wood chips. Often, the wood chips are delivered free of charge but may arrive at random times.
- ✿ Arrange for delivery. Ask the supplier for the schedule. Tell the supplier where and what volume of wood chips to dump. Don't expect the delivery truck to place wood chips in numerous piles on your property, unless you have arranged for this separately.

## **Step 3: Install the wood chip covering**

- ✿ Use a large shovel or pitchfork and a wheel barrow to load and transport the wood chips from the central pile to smaller piles within the bare soil area to be protected. Alternatively, a small rental tractor with implements can be used for this purpose.
- ✿ Use a shovel and rake to spread the wood chips evenly over the bare soil area to a thickness of 4 inches. This layer will keep surface soil from blowing during high winds for up to 5 years. It will also serve as mulch for new plants.

## **Step 4: Maintain the wood chip covering**

- ✿ Maintain the wood chip layer if accumulated sand begins to cover it. Use a pitch fork or shovel to lift and restack the wood chips, allowing the sand to fall through to the ground.

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- ☀ Financial Contributors
- ☀ Resource Providers
- ☀ Focus Group participants

Disclaimer

# Resources Guide

If you have questions about the content of the [Homeowners Guide To Controlling Windblown Sand and Dust](#), please contact one or more of the following resources:

Antelope Valley Resources Conservation District (CA RCD) at **661-945-2604**; at website <http://www.avrcd.org/>; or email [avrcd@carcd.org](mailto:avrcd@carcd.org)

Antelope Valley Resources Conservation District Nursery (AVRCD) at **661-942-7306**; at website <http://avrcd.org/nursery.htm>; or email [avrcd@carcd.org](mailto:avrcd@carcd.org)

Antelope Valley U. S. Department of Agriculture Natural Resources Conservation Service (USDA/NRCS) office at **661-945-2604**

USDA/NRCS website at <http://www.ca.nrcs.usda.gov/>

Los Angeles County Agricultural Commissioner at **661-723-4485**; or at website <http://acwm.co.la.ca.us/>

Kern County Agricultural Commissioner at **661-868-6300**; at website <http://www.kernag.com/>; or email [agcomm@co.kern.ca.us](mailto:agcomm@co.kern.ca.us).

University of California – Los Angeles County Cooperative Extension – Antelope Valley/Lancaster Office at **661-974-8824**; or at website <http://celosangeles.ucdavis.edu/>

## Other Sources of Information:

Website URL

List of Case Studies

USDA/NRCS Practices

Publications

Reports on Website

WRAP

Extended Abstracts of Reports

# Glossary of Terms

<b>Bare ground</b>	Land covered by loose or crusted soil which is not vegetated or otherwise protected from the wind.
<b>Berm</b>	An elongated pile of wood chips, uprooted brush, earth or other material which acts as a wind barrier and captures saltating sand.
<b>Control</b>	Steps taken to reduce the movement of sand and dust during high winds.
<b>Downwind</b>	The direction toward which the wind blows.
<b>Dust</b>	Small soil particles that loft from bare ground when the wind blows. Talcum powder and milled flour are examples of dust-sized particles. Heavy winds can loft airborne dust as high as hundreds of feet above the ground.
<b>Porous fence</b>	A durable, lattice-design fence often used to create barriers for construction sites, sporting events, or gardens. Typically, the fence material is made of non-biodegradable plastic.
<b>Saltation</b>	The bouncing of sand-size particles, typically to as high as 3 feet above ground during high-wind events.
<b>Sand</b>	Intermediate soil particles, comparable in size to beach sand or table salt. Wind transports fine sand (via saltation) in a layer that is confined to about 3 feet above the ground.
<b>Sandblasting</b>	Abrasion of the ground surface or wind barriers, caused by saltating sand particles during high winds.
<b>Soil</b>	A heterogeneous combination of sand, dust and other particles, which may be loose or crusted; the natural body comprised of mineral and organic solids, liquids and gases that occur on the land surface.
<b>Upwind</b>	The direction from which the wind blows.
<b>Wind barrier</b>	A solid obstacle to wind flow, such as a berm, wall or solid fence.
<b>Wind break</b>	A porous obstacle which slows high wind enough for the sand carried in the air to be deposited on the ground, such as a row of trees or a porous fence.

