

**PRELIMINARY
HYDROLOGY AND HYDRAULICS REPORT
MENIFEE STAXUP STORAGE EXPANSION**

**FOR
MENIFEE STORAGE LP/ STRAT PROPERTY MANAGEMENT, INC.
2055 3RD AVENUE #200
SAN DIEGO, CA. 92101**

PREPARED BY



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Under the Supervision of:

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January 2023

“SERVING THE DEVELOPMENT COMMUNITY SINCE 1985”

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A. PROJECT BACKGROUND AND DESCRIPTION

PURPOSE:

The purpose of this study is to analysis the hydrological characteristics of the expansion of the current Menifee StaxUp Storage facility and demonstrate that the flows leaving the site will not adversely affect the downstream storm drain facilities.

PROJECT DESCRIPTION:

The project proposes an expansion to the existing storage facility located south of Holland Road, on the west of Interstate 215. The site is surrounded by vacant, undeveloped land. The proposed expansion affects two areas within the property which totals to approximately 1.07-acres. The first area is on the north side of the property and includes two new access driveways, parking, one building, open spaces, and a BMP bioretention basin. The second area is near the southwest corner of the property and proposes two buildings and permeable paver walkway in between.

EXISTING DRAINAGE:

At present, the site is a storage facility that is mostly comprised of paved surfaces and roofs. Currently, the proposed north expansion of the property is compacted bare soil used for storage of trailers, boats, and recreational vehicles. The existing topology indicates the runoff from this area drains to the north to a drainage culvert which ultimately converges with a larger flow path leading under Holland Road. The second area presently is bare, compact soil used for vehicle storage. From the existing topology, this area is lower than the surrounding paved surfaces by 1-foot, indicating a sump condition. If this area were to pond up enough to spill over into the surrounding paved surface, it would breach the northeast corner and would be intercepted by the existing ribbon gutters. These gutters divert runoff towards the north to a grated inlet located near the gate by the entrance. The inlet discharges the runoff onto the adjacent property where it converges with a drainage path heading north. Please refer to Appendix VI for the pre-developed hydrology key map.

PROPOSED DRAINAGE DESIGN CONCEPT:

This study has been divided the site into two (2) drainage areas (Area D1 and Area D2). These areas are consistent with the existing topographic drainage patterns for the site. Within each of these drainage areas, we have proposed stormwater mitigation improvements to collect the onsite flows and convey them into BMP facilities before leaving the property.

Area D1 is approximately 0.89 acres which encompasses the northern improvements to the property and a small tributary portion of the future public improvements, Frontage Road. Runoff from Area D1 is conveyed by a combinations of ribbon gutters and curb

gutters to two concrete U-channels that discharge into a BMP bioretention basin. From here the runoff either filters through the bioretention soil media or the overflow outlet that is connected to a proposed catch basin within Frontage Road. The runoff is then directed towards the existing drainage path that is adjacent to the property where it converges with the northerly historical drainage path.

Area D2 directs the runoff from the proposed buildings to a proposed area drain inlet that diverts the runoff to a BMP basin located near the entrance along the east property line. This BMP solution has been sized for the proposed impervious surfaces for this tributary. For higher storm events and emergency overflows, the runoff will weir into the basin's overflow outlet and converge with the outlet system of Area D1's treatment basin. In the event the basin outlet is clogged, excessive flow will pond around the area drain inlet until it weirs over towards the existing ribbon drains adjacent to Area D2. From here the runoff is routed to the existing grated inlet located near the existing gated entrance. Please refer to Appendix VI for the developed hydrology key map.

Treatment of first flush waters from the development will be accomplished by routing them through the proposed BMP facilities for each drainage area. These treatment proposals will be consistent with Riverside County Stormwater Quality Best Management Practice Design Handbook.

DESIGN ASSUMPTIONS:

- Soil type was based on Hydrologic Soils Group Map for Winchester (Plate C-1.43)
- Antecedent moisture condition AMC 2 (moderately moist) was used for all calculations.
- Rainfall data for the project was obtained from R.C.F.C. & W.C.D. Precipitation Maps (Plates D-4.3 & D-4.4).

B. HYDROLOGICAL & HYDRAULIC METHODOLOGY

RATIONAL METHOD:

Hydrology for this study is based upon “Riverside County Flood Control and Water Conservation District Hydrology Manual”, dated April 1978. Software designed by “CivilDESIGN” of San Bernardino was used to solve the drainage models of the site. The output is printed in the Standard Riverside County format.

1. Rainfall

The computer stores a rainfall database corresponding to Plate D-4.1 that provides all the required time vs. intensity data for Riverside County.

Table 1: Rainfall Data Summary

2-yr; 1-hr. (in/hr)	100-yr; 1-hr. (in/hr)	2-yr; 3-hr. (in/hr)	100-yr; 3-hr. (in/hr)	2-yr; 6-hr. (in/hr)	100-yr; 6-hr. (in/hr)	2-yr; 24-hr. (in/hr)	100-yr; 24-hr. (in/hr)
0.50	1.25	0.80	1.90	1.100	2.50	1.80	4.90

2. Infiltration

Soil type was based on soils group map and is shown on hydrology key map. The computer then uses Plates D-5.1 through D-5.8 as applicable.

3. Runoff and Routing

After the “C” value is determined, the computer determines the runoff and routes the flood downstream based on the input model and Plates D-7 through D-9 as necessary.

Table 2: Rational Method Analysis Summary

DMA ID	DMA Area	Time of Concentration	Runoff Index, RI	Average Pervious Area Fraction, Ap	Peak Runoff
P1	1.24 ac.	7.7 min.	75.5	0.898	3.7 cfs
D1	0.89 ac.	16.9 min.	57.8	0.424	2.2 cfs
P2	0.16 ac.	6.4 min.	78.0	1.000	0.5 cfs
D2	0.18 ac.	8.4 min.	56.6	0.200	0.7 cfs

SYNTHETIC UNIT HYDROGRAPH METHOD:

The Synthetic Unit Hydrograph, a computational procedure for developing peak runoff and discharge for storms of a specified recurrence interval, was used to evaluate our detention needs onsite. This procedure calculates effective rainfall, which is the portion of the total rainfall that appears as surface runoff, at a specific concentration point. Precipitation data for the project location was taken from R.C.F.C. & W.C.D. Precipitation Maps and are provided in Appendix I of this report.

The 100-year storm frequencies for each of the 1-, 3-, 6-, and 24-hour durations were analyzed for increased volume mitigation. The hydrographs and basin routing for the 2-storm event is included to show that the basins passed the 2-year, 24-hour hydromodification peak flow mitigation.

The following assumptions/guidelines were applied in the use to the Synthetic Unit Hydrograph Method:

- The 2-, 10-, and 100-Year point rainfall depths at 1-, 3-, 6-, and 24-hour durations were estimated from the R.C.F.C. & W.C.D. Precipitation Maps.
- Lag times used for the development of the synthetic unit hydrograph were generated based on the size and shape of the sub basin. The watershed sub area lag times were calculated according to the lag time equation as indicated in the RCFC&WCD Hydrology Manual.
- The basin factor (n-value) was estimated based on filed investigations and existing and planned development.
- The Valley S-curve graph was used for this project site. The 1-, 3-, 6-, and 24-hour 5-minute interval data was used.
- An area averaged infiltration rate was calculated based on hydrologic soil type, vegetative cover land use and impervious percentage. The “low loss rate” function was then incorporated. The RCFC&WCD Hydrology Manual’s synthetic unit hydrograph method includes a “low loss rate” function when calculating effective rainfall (i.e. total rain minus infiltration).

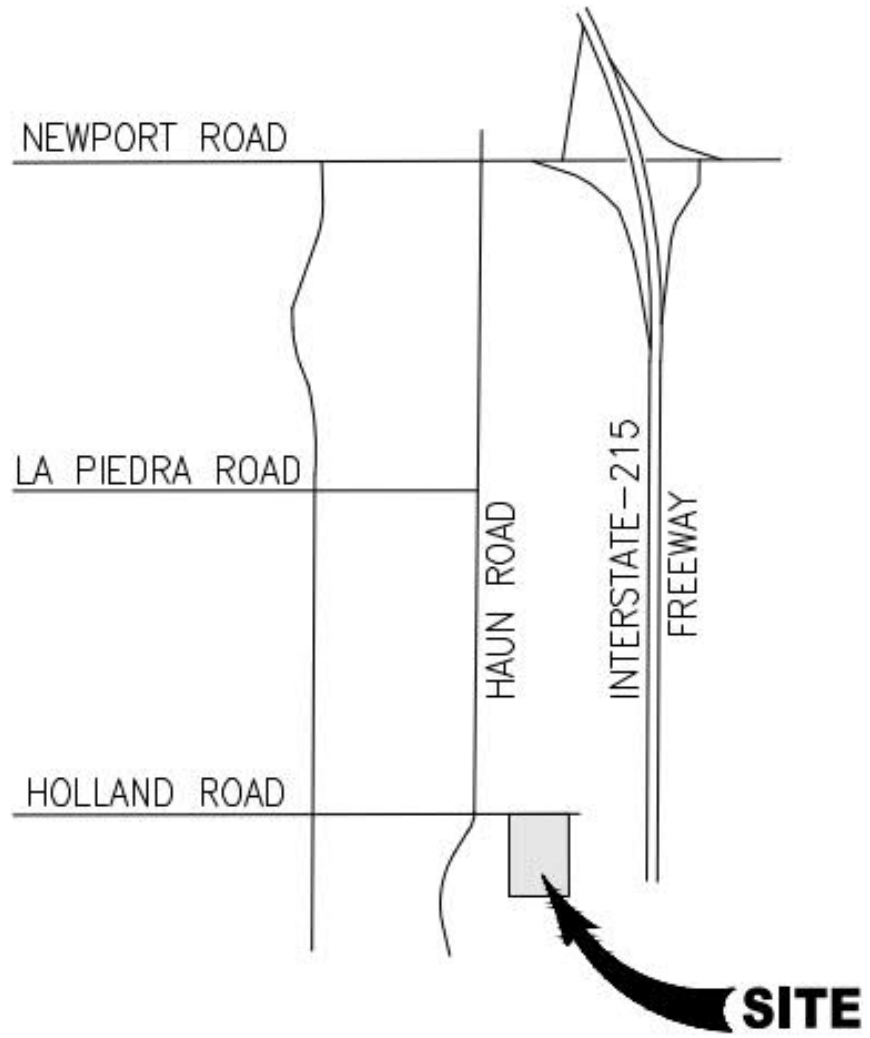
Table 3: Outflow Summary

Unit Hydrograph Summary	2-Year				100-Year			
	1 hr	3 hr	6 hr	24 hr	1 hr	3 hr	6 hr	24 hr
Existing Outflow (cfs)	1.40	0.43	0.35	0.06	4.89	2.35	2.05	0.78
Developed Outflow (cfs)	1.25	0.49	0.45	0.16	3.82	1.81	1.58	0.60
Area D1 Basin Outflow (cfs)	0.011	0.013	0.015	0.018	1.12	1.34	1.14	0.49
Area D2 Basin Outflow (cfs)	0.029	0.028	0.027	0.020	0.54	0.30	0.26	0.11
Total Mitigated Outflow (cfs)	0.040	0.041	0.042	0.038	1.66	1.64	1.40	0.60

CONCLUSIONS:

The proposed improvements increase the impervious fraction for the drainage areas and adjusts the onsite drainage paths effect, which modifies drainage patterns. The proposed BMP basins mitigate and detain the peak developed runoff for both drainage areas where the total peak outflow from the improved areas is significantly less than the pre-developed outflow rate. By implementing the proposed drainage improvements and BMP basins, the first flush runoff will be detained onsite along with the mitigation volume while the higher storm events will flow discharge into the overflow implementations and outlet into the historical drainage paths.

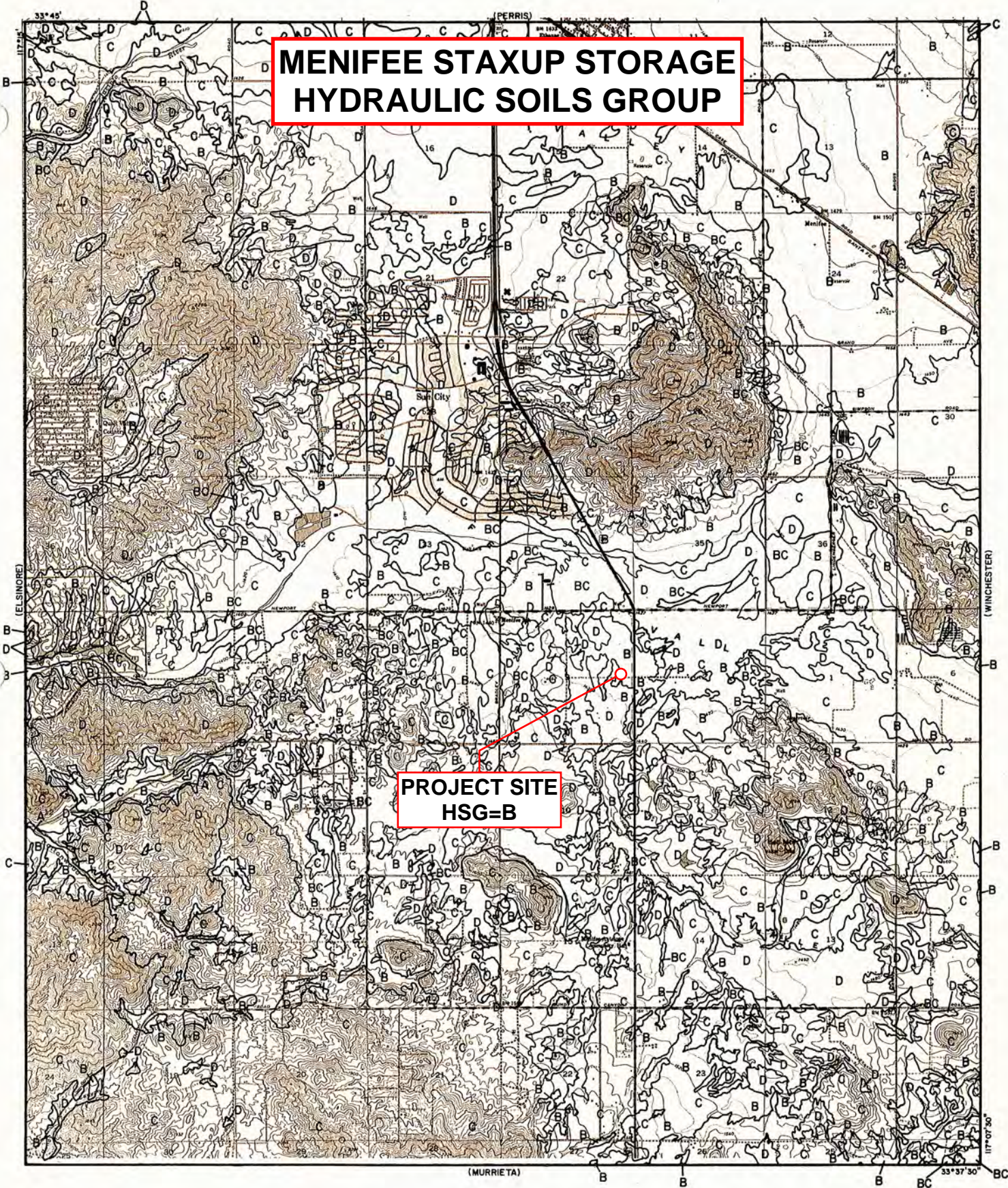
C. VICINITY MAP



Riverside County Flood Control & Water Conservation District PlatesI

- Hydrological Soils Group Map (Plate C-1.43)
- Precipitation Maps (Plates D-4.3 & D-4.4)
- Slope of Intensity Duration Curve (Plate D-4.6)

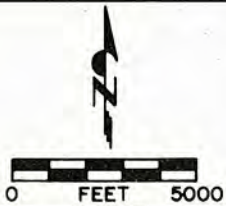
**MENIFEE STAXUP STORAGE
HYDRAULIC SOILS GROUP**



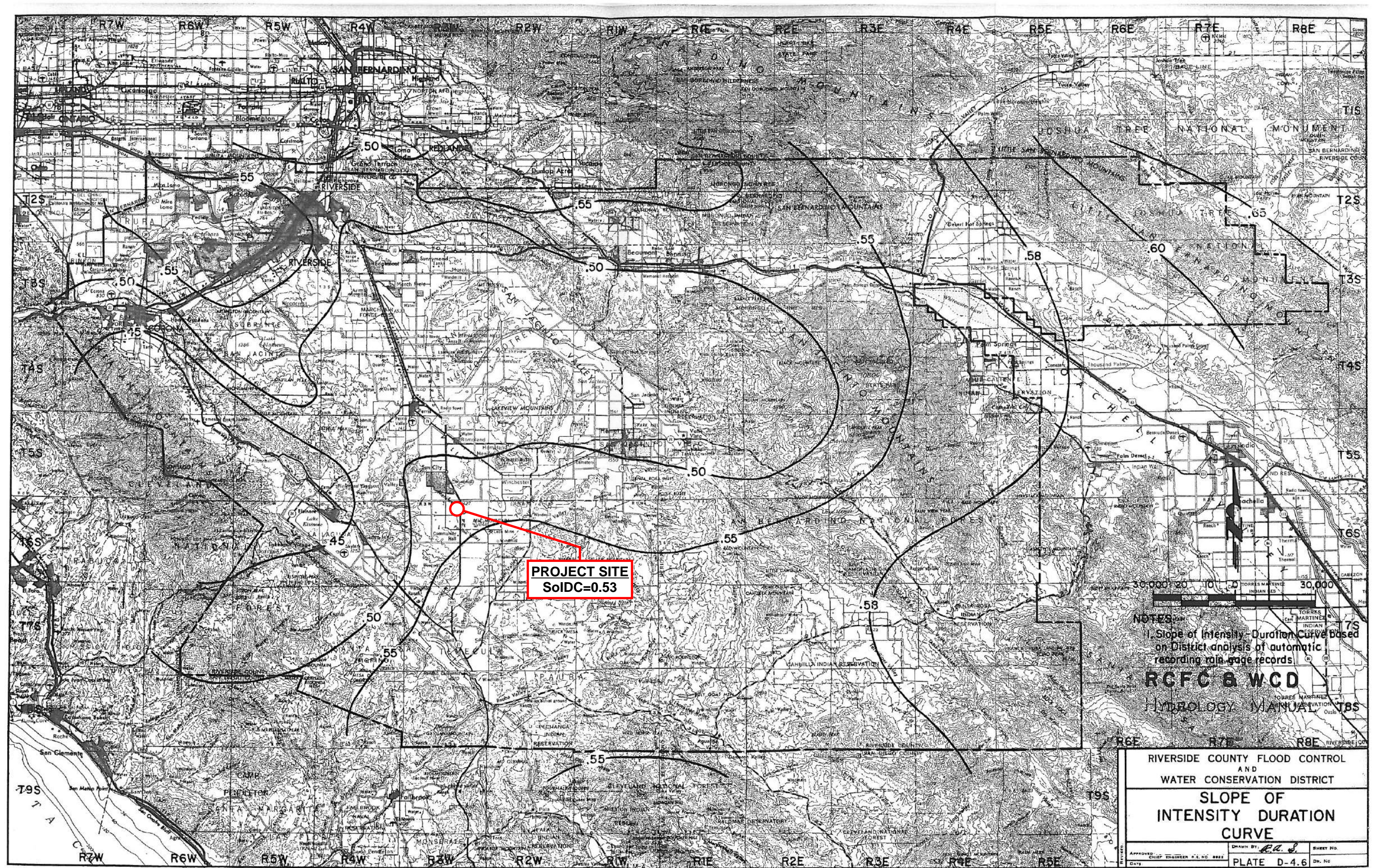
LEGEND

- SOILS GROUP BOUNDARY
- A SOILS GROUP DESIGNATION

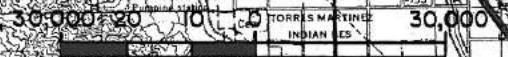
RCFC & WCD
HYDROLOGY MANUAL



**HYDROLOGIC SOILS GROUP MAP
FOR
ROMOLAND**



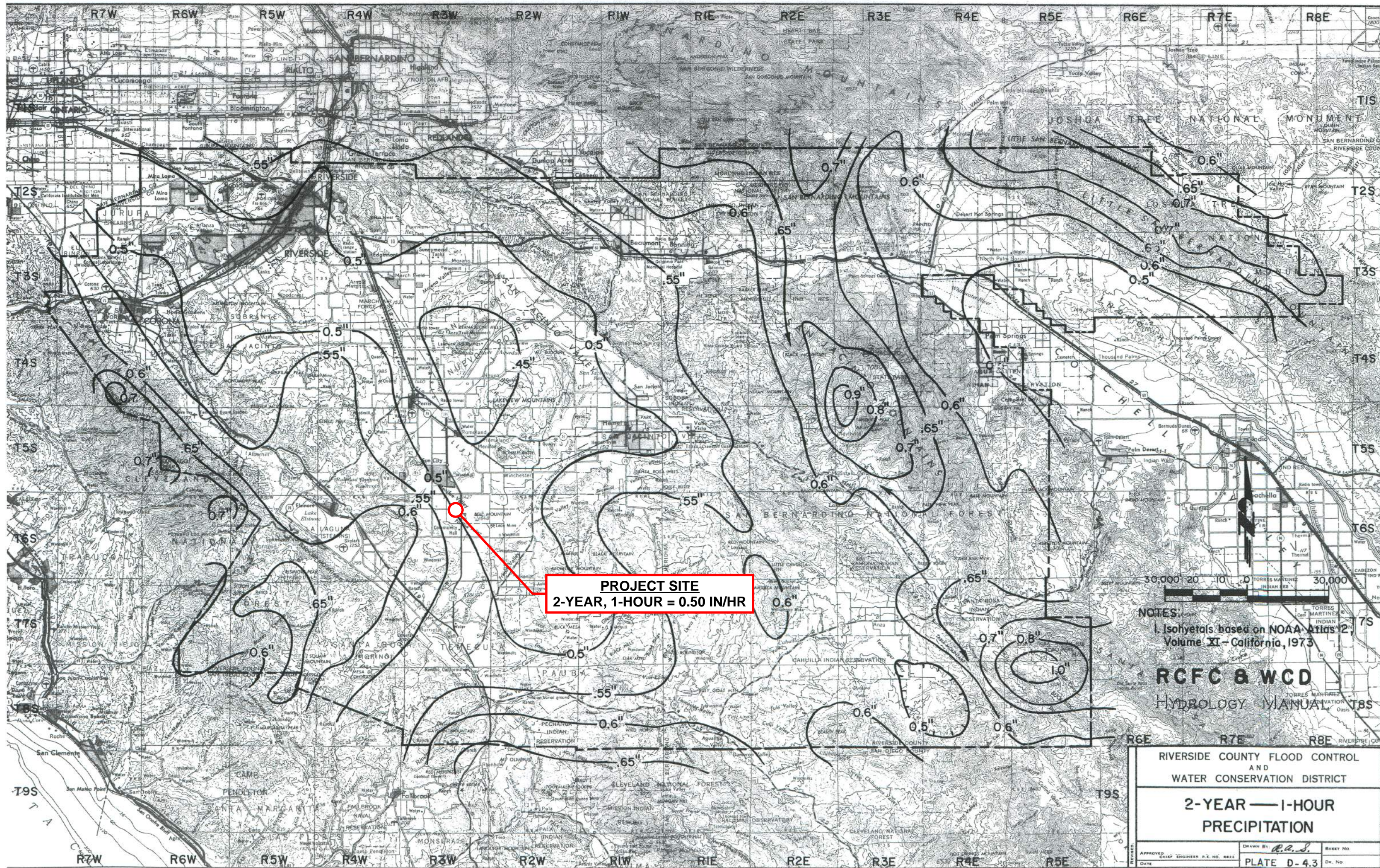
PROJECT SITE
SoIDC=0.53



NOTES:
1. Slope of Intensity-Duration Curve based on District analysis of automatic recording rain gage records.

RCFC & WCD
HYDROLOGY MANUAL

RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT		
SLOPE OF INTENSITY DURATION CURVE		
APPROVED: CHIEF ENGINEER #E, NO. 8882	DRAWN BY: <i>R.A.S.</i>	SHEET NO.
DATE	PLATE D-4.6	DR. NO.



PROJECT SITE
 2-YEAR, 1-HOUR = 0.50 IN/HR

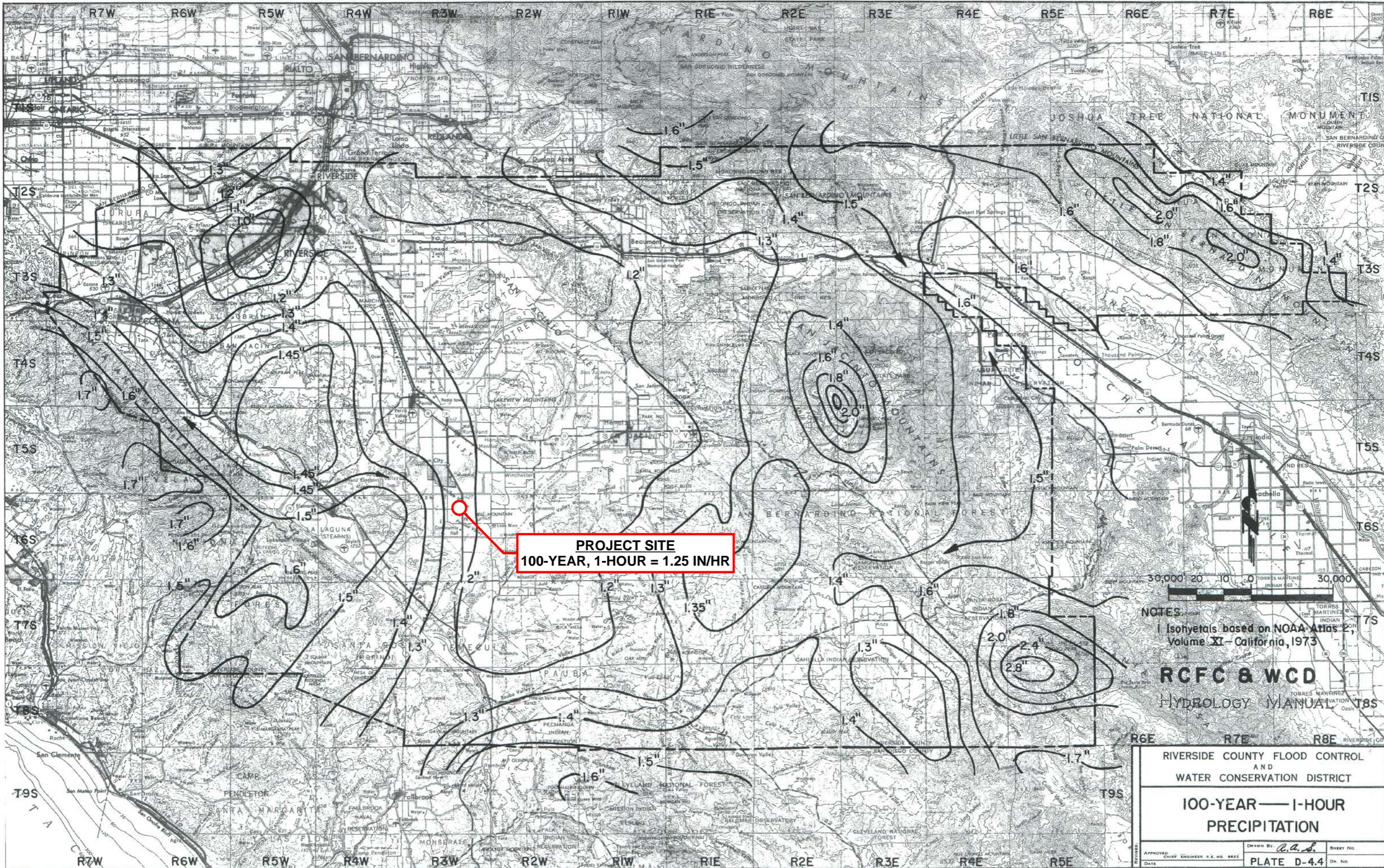
NOTES:
 1. Isohyets based on NOAA Atlas 2,
 Volume XI - California, 1973



RCFC & WCD
 HYDROLOGY MANUAL

RIVERSIDE COUNTY FLOOD CONTROL
 AND
 WATER CONSERVATION DISTRICT
**2-YEAR — 1-HOUR
 PRECIPITATION**

APPROVED	DRAWN BY	SHEET NO.
CHIEF ENGINEER P.E. NO. 8822	<i>R.C.S.</i>	
DATE	PLATE D-4.3	Dr. No.



PROJECT SITE
100-YEAR, 1-HOUR = 1.25 IN/HR

NOTES
 1 Isohyets based on NOAA Atlas 2,
 Volume XI - California, 1973

RCFC & WCD
 HYDROLOGY MANUAL

RIVERSIDE COUNTY FLOOD CONTROL
 AND
 WATER CONSERVATION DISTRICT

**100-YEAR — 1-HOUR
 PRECIPITATION**

APPROVED: _____ DATE: _____
 DRAWN BY: *R.S.S.* SHEET NO. _____
 PLATE D-4.4 DR. NO. _____

PROJECT SITE
2-YEAR, 3-HOUR = 0.80 IN/HR

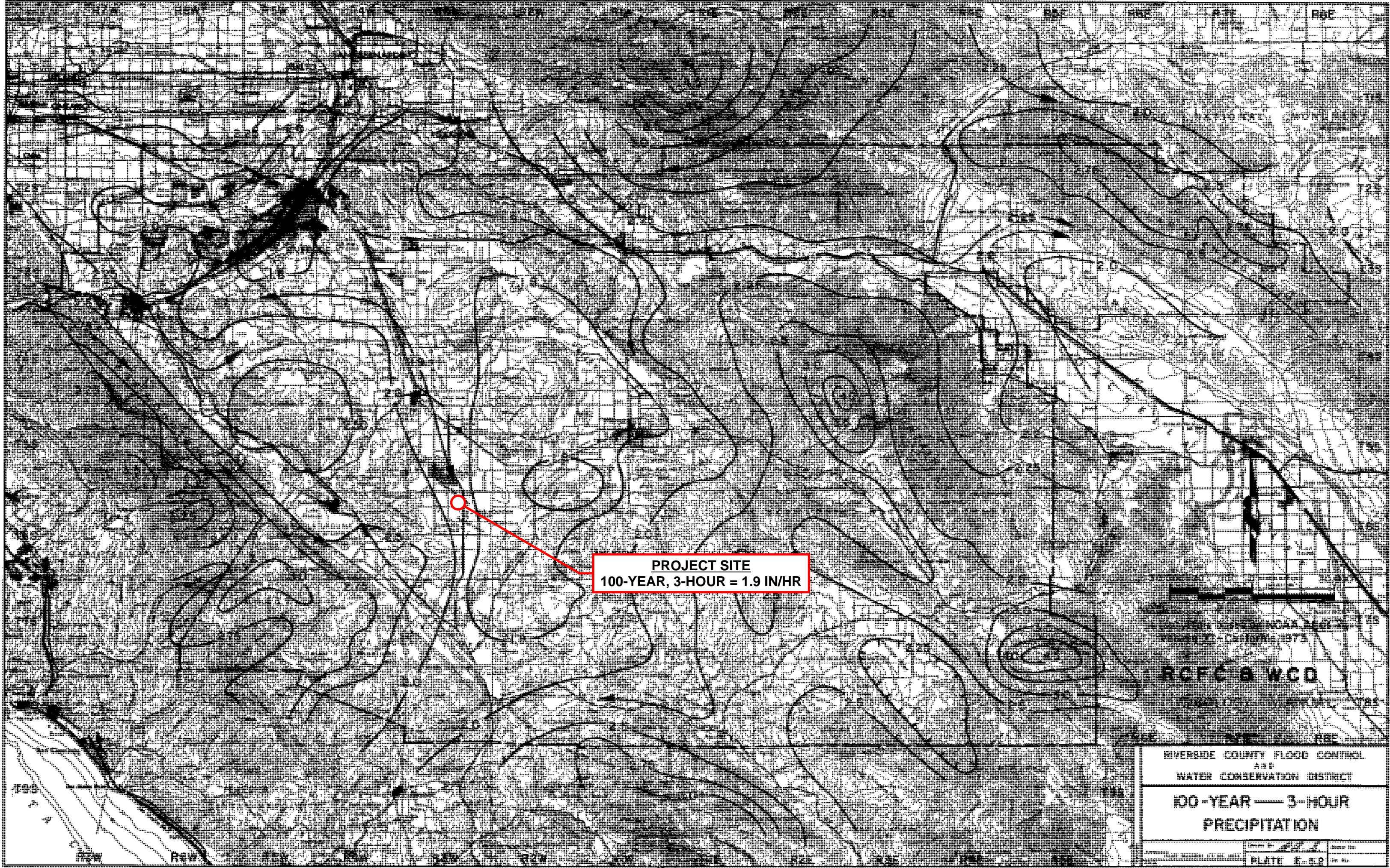
Topographic map based on NOAA Aerial Photo
and USGS Contour, 1970.

RCFC & WCD

RIVERSIDE COUNTY FLOOD CONTROL
AND
WATER CONSERVATION DISTRICT

**2-YEAR — 3-HOUR
PRECIPITATION**

PLATE E-1



PROJECT SITE
100-YEAR, 3-HOUR = 1.9 IN/HR

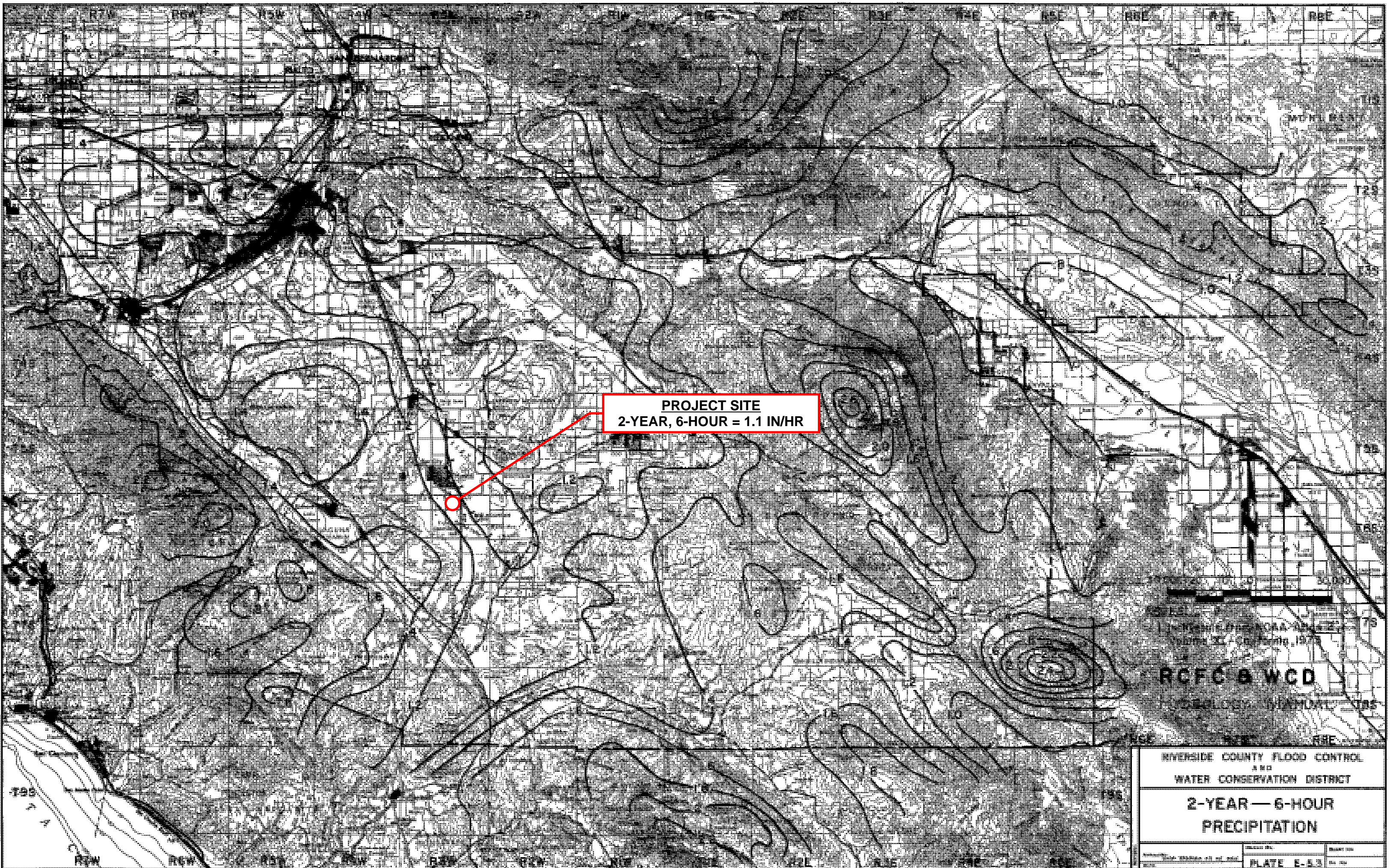
Source: NOAA, NCEP, NCEP/NTS
Data: USGS, NCEP/NTS

RCFC & WCD

RIVERSIDE COUNTY FLOOD CONTROL
AND
WATER CONSERVATION DISTRICT

**100-YEAR — 3-HOUR
PRECIPITATION**

PLATE E-02



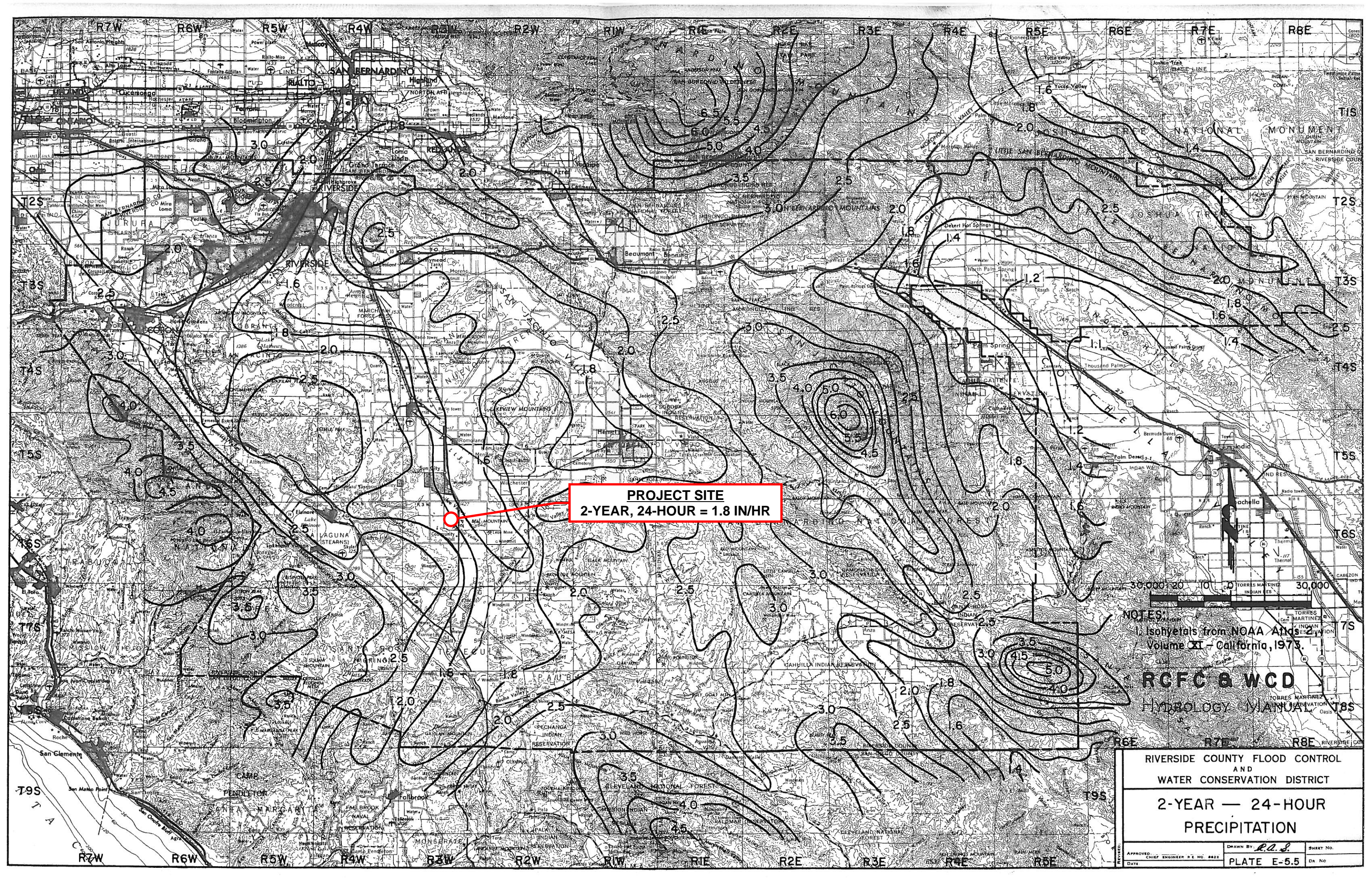
PROJECT SITE
2-YEAR, 6-HOUR = 1.1 IN/HR

RCFC & WCD

RIVERSIDE COUNTY FLOOD CONTROL
AND
WATER CONSERVATION DISTRICT

**2-YEAR — 6-HOUR
PRECIPITATION**

PLATE E-53



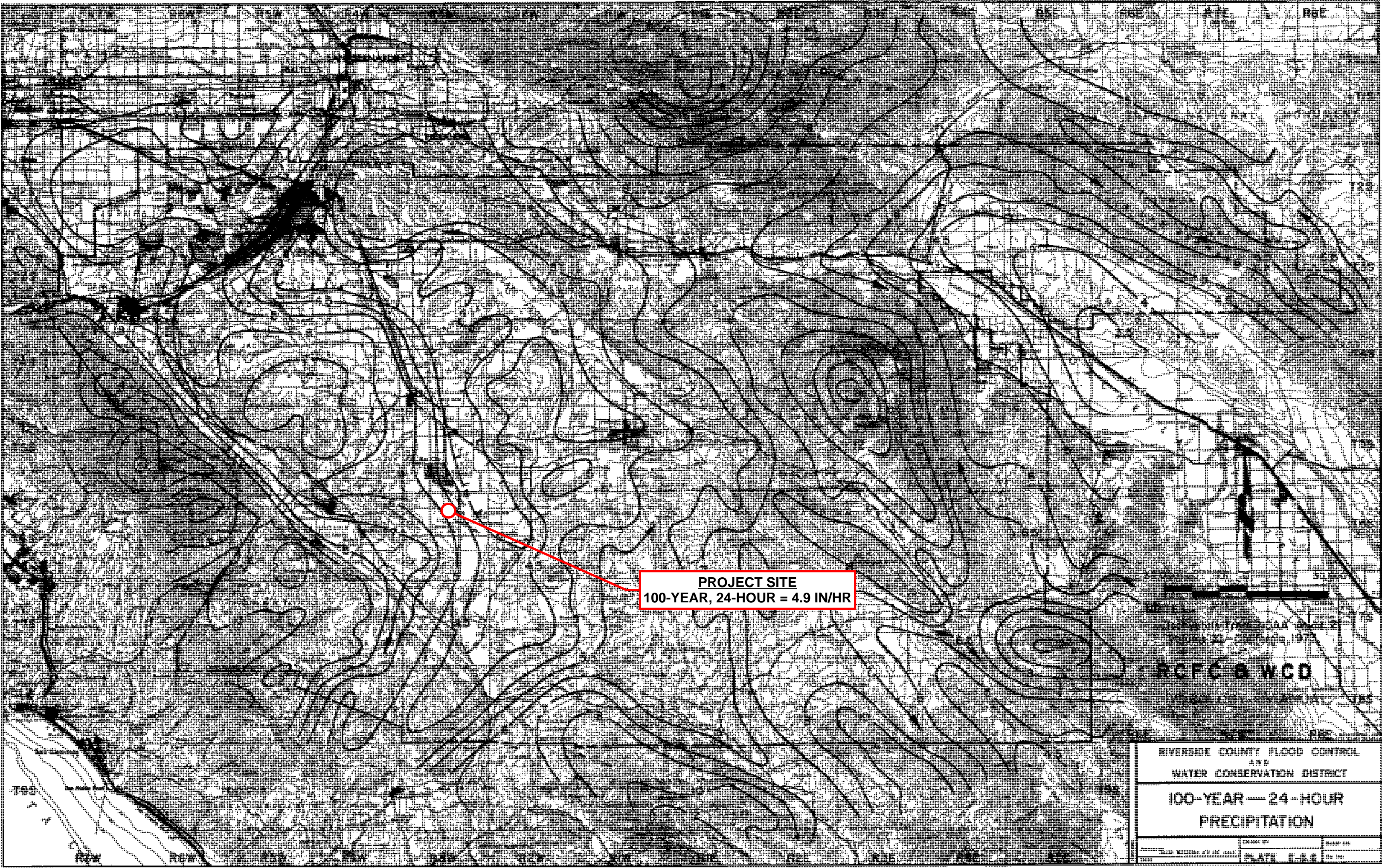
PROJECT SITE
 2-YEAR, 24-HOUR = 1.8 IN/HR

NOTES:
 1. Isohyets from NOAA Atlas 2
 Volume XI - California, 1973.

RCFC & WCD
 HYDROLOGY MANUAL

RIVERSIDE COUNTY FLOOD CONTROL
 AND
 WATER CONSERVATION DISTRICT
 2-YEAR — 24-HOUR
 PRECIPITATION

APPROVED: CHIEF ENGINEER R.E. MC 8822	DRAWN BY: <i>R.S.</i>	SHEET NO.
DATE	PLATE E-5.5	DN NO.



PROJECT SITE
100-YEAR, 24-HOUR = 4.9 IN/HR

ED 15
100-YEAR, 24-HOUR = 4.9 IN/HR
RIVERSIDE COUNTY, CALIFORNIA

RCFC & WCD

RIVERSIDE COUNTY FLOOD CONTROL
AND
WATER CONSERVATION DISTRICT

**100-YEAR — 24-HOUR
PRECIPITATION**

PLATE E-88

Pre-Developed Hydrology Models II

- Area P1
- Area P2

Riverside County Rational Hydrology Program

CIVILCADD/CIVILDESIGN Engineering Software,(c) 1989 - 2018 Version 9.0
Rational Hydrology Study Date: 10/28/22 File:AREAP1.out

**MENIFEE STAXUP STORAGE EXPANSION
PRELIMINARY DRAINAGE STUDY
EXISTING AREA P1
100-YEAR**

***** Hydrology Study Control Information *****

English (in-lb) units used in input data file

Program License Serial Number 6545

Rational Method Hydrology Program based on
Riverside County Flood Control & Water Conservation District
1978 hydrology manual

Storm event (year) = 100.00 Antecedent Moisture Condition = 2

2 year, 1 hour precipitation = 0.500(In.)
100 year, 1 hour precipitation = 1.250(In.)

Storm event year = 100.0
Calculated rainfall intensity data:
1 hour intensity = 1.250(In/Hr)
Slope of intensity duration curve = 0.5300

Process from Point/Station 1.000 to Point/Station 1.100
**** INITIAL AREA EVALUATION ****

Initial area flow distance = 139.000(Ft.)
Top (of initial area) elevation = 1443.500(Ft.)
Bottom (of initial area) elevation = 1441.000(Ft.)
Difference in elevation = 2.500(Ft.)
Slope = 0.01799 s(percent)= 1.80
TC = $k(0.300)*[(length^3)/(elevation\ change)]^{0.2}$
Warning: TC computed to be less than 5 min.; program is assuming the
time of concentration is 5 minutes.
Initial area time of concentration = 5.000 min.
Rainfall intensity = 4.665(In/Hr) for a 100.0 year storm
COMMERCIAL subarea type
Runoff Coefficient = 0.883
Decimal fraction soil group A = 0.000
Decimal fraction soil group B = 1.000
Decimal fraction soil group C = 0.000
Decimal fraction soil group D = 0.000
RI index for soil(AMC 2) = 56.00
Pervious area fraction = 0.100; Impervious fraction = 0.900
Initial subarea runoff = 0.577(CFS)
Total initial stream area = 0.140(Ac.)
Pervious area fraction = 0.100

+++++
Process from Point/Station 1.100 to Point/Station 1.200
**** NATURAL CHANNEL TIME + SUBAREA FLOW ADDITION ****

Top of natural channel elevation = 1441.000(Ft.)
End of natural channel elevation = 1440.100(Ft.)
Length of natural channel = 140.000(Ft.)
Estimated mean flow rate at midpoint of channel = 1.669(CFS)

Natural valley channel type used
L.A. County flood control district formula for channel velocity:
Velocity(ft/s) = $(7 + 8(q(\text{English Units})^{.352})(\text{slope}^{.5}))$
velocity using mean channel flow = 1.33(Ft/s)

Correction to map slope used on extremely rugged channels with
drops and waterfalls (Plate D-6.2)
Normal channel slope = 0.0064
Corrected/adjusted channel slope = 0.0064
Travel time = 1.76 min. TC = 6.76 min.

Adding area flow to channel
UNDEVELOPED (poor cover) subarea
Runoff Coefficient = 0.822
Decimal fraction soil group A = 0.000
Decimal fraction soil group B = 1.000
Decimal fraction soil group C = 0.000
Decimal fraction soil group D = 0.000
RI index for soil(AMC 2) = 78.00
Pervious area fraction = 1.000; Impervious fraction = 0.000
Rainfall intensity = 3.978(In/Hr) for a 100.0 year storm
Subarea runoff = 1.733(CFS) for 0.530(Ac.)
Total runoff = 2.310(CFS) Total area = 0.670(Ac.)

+++++
Process from Point/Station 1.300 to Point/Station 1.400
**** NATURAL CHANNEL TIME + SUBAREA FLOW ADDITION ****

Top of natural channel elevation = 1440.100(Ft.)
End of natural channel elevation = 1436.000(Ft.)
Length of natural channel = 155.000(Ft.)
Estimated mean flow rate at midpoint of channel = 2.310(CFS)

Natural valley channel type used
L.A. County flood control district formula for channel velocity:
Velocity(ft/s) = $(7 + 8(q(\text{English Units})^{.352})(\text{slope}^{.5}))$
velocity using mean channel flow = 2.89(Ft/s)

Correction to map slope used on extremely rugged channels with
drops and waterfalls (Plate D-6.2)
Normal channel slope = 0.0265
Corrected/adjusted channel slope = 0.0265
Travel time = 0.90 min. TC = 7.65 min.

Adding area flow to channel
UNDEVELOPED (poor cover) subarea
Runoff Coefficient = 0.817
Decimal fraction soil group A = 0.000
Decimal fraction soil group B = 1.000
Decimal fraction soil group C = 0.000
Decimal fraction soil group D = 0.000
RI index for soil(AMC 2) = 78.00
Pervious area fraction = 1.000; Impervious fraction = 0.000
Rainfall intensity = 3.724(In/Hr) for a 100.0 year storm

Subarea runoff = 0.000(CFS) for 0.000(Ac.)
 Total runoff = 2.310(CFS) Total area = 0.670(Ac.)

 Process from Point/Station 1.300 to Point/Station 1.400
 **** CONFLUENCE OF MAIN STREAMS ****

The following data inside Main Stream is listed:

In Main Stream number: 1
 Stream flow area = 0.670(Ac.)
 Runoff from this stream = 2.310(CFS)
 Time of concentration = 7.65 min.
 Rainfall intensity = 3.724(In/Hr)
 Program is now starting with Main Stream No. 2

 Process from Point/Station 1.500 to Point/Station 1.400
 **** INITIAL AREA EVALUATION ****

Initial area flow distance = 213.000(Ft.)
 Top (of initial area) elevation = 1443.500(Ft.)
 Bottom (of initial area) elevation = 1436.000(Ft.)
 Difference in elevation = 7.500(Ft.)
 Slope = 0.03521 s(percent)= 3.52
 $TC = k(0.530)*[(length^3)/(elevation\ change)]^{0.2}$
 Initial area time of concentration = 8.837 min.
 Rainfall intensity = 3.450(In/Hr) for a 100.0 year storm
 UNDEVELOPED (poor cover) subarea
 Runoff Coefficient = 0.812
 Decimal fraction soil group A = 0.000
 Decimal fraction soil group B = 1.000
 Decimal fraction soil group C = 0.000
 Decimal fraction soil group D = 0.000
 RI index for soil(AMC 2) = 78.00
 Pervious area fraction = 1.000; Impervious fraction = 0.000
 Initial subarea runoff = 1.596(CFS)
 Total initial stream area = 0.570(Ac.)
 Pervious area fraction = 1.000

 Process from Point/Station 1.500 to Point/Station 1.400
 **** CONFLUENCE OF MAIN STREAMS ****

The following data inside Main Stream is listed:

In Main Stream number: 2
 Stream flow area = 0.570(Ac.)
 Runoff from this stream = 1.596(CFS)
 Time of concentration = 8.84 min.
 Rainfall intensity = 3.450(In/Hr)
 Summary of stream data:

Stream No.	Flow rate (CFS)	TC (min)	Rainfall Intensity (In/Hr)
1	2.310	7.65	3.724
2	1.596	8.84	3.450
Largest stream flow has longer or shorter time of concentration			
Qp =	2.310 + sum of		
	Qa	Tb/Ta	
	1.596 *	0.866 =	1.382
Qp =	3.692		

Total of 2 main streams to confluence:

Flow rates before confluence point:

2.310 1.596

Area of streams before confluence:

0.670 0.570

Results of confluence:

Total flow rate = 3.692(CFS)

Time of concentration = 7.650 min.

Effective stream area after confluence = 1.240(Ac.)

End of computations, total study area = 1.24 (Ac.)

The following figures may
be used for a unit hydrograph study of the same area.

Area averaged pervious area fraction(A_p) = 0.898

Area averaged RI index number = 75.5

Riverside County Rational Hydrology Program

CIVILCADD/CIVILDESIGN Engineering Software,(c) 1989 - 2005 Version 7.1
Rational Hydrology Study Date: 02/13/22 File:AREAP2.out

**MENIFEE STAXUP STORAGE EXPANSION
PRELIMINARY DRAINAGE STUDY
EXISTING AREA P2
100-YEAR**

***** Hydrology Study Control Information *****

English (in-lb) units used in input data file

Program License Serial Number 6094

Rational Method Hydrology Program based on
Riverside County Flood Control & Water Conservation District
1978 hydrology manual

Storm event (year) = 100.00 Antecedent Moisture Condition = 2

2 year, 1 hour precipitation = 0.500(In.)
100 year, 1 hour precipitation = 1.250(In.)

Storm event year = 100.0
Calculated rainfall intensity data:
1 hour intensity = 1.250(In/Hr)
Slope of intensity duration curve = 0.5300

Process from Point/Station 2.000 to Point/Station 2.100
**** INITIAL AREA EVALUATION ****

Initial area flow distance = 116.000(Ft.)
Top (of initial area) elevation = 1446.300(Ft.)
Bottom (of initial area) elevation = 1440.000(Ft.)
Difference in elevation = 6.300(Ft.)
Slope = 0.05431 s(percent)= 5.43
TC = $k(0.530)*[(length^3)/(elevation\ change)]^{0.2}$
Initial area time of concentration = 6.355 min.
Rainfall intensity = 4.109(In/Hr) for a 100.0 year storm
UNDEVELOPED (poor cover) subarea
Runoff Coefficient = 0.825
Decimal fraction soil group A = 0.000
Decimal fraction soil group B = 1.000
Decimal fraction soil group C = 0.000
Decimal fraction soil group D = 0.000
RI index for soil(AMC 2) = 78.00
Pervious area fraction = 1.000; Impervious fraction = 0.000
Initial subarea runoff = 0.542(CFS)
Total initial stream area = 0.160(Ac.)
Pervious area fraction = 1.000
End of computations, total study area = 0.16 (Ac.)
The following figures may
be used for a unit hydrograph study of the same area.

Area averaged pervious area fraction(Ap) = 1.000
Area averaged RI index number = 78.0

Developed Hydrology Models III

- Area D1
- Area D2

Riverside County Rational Hydrology Program

CIVILCADD/CIVILDESIGN Engineering Software,(c) 1989 - 2018 Version 9.0
Rational Hydrology Study Date: 10/30/22 File:AREAD1.out

**MENIFEE STAXUP STORAGE EXPANSION
PRELIMINARY DRAINAGE STUDY
DEVELOPED AREA D1
100-YEAR**

***** Hydrology Study Control Information *****

English (in-lb) units used in input data file

Program License Serial Number 6545

Rational Method Hydrology Program based on
Riverside County Flood Control & Water Conservation District
1978 hydrology manual

Storm event (year) = 100.00 Antecedent Moisture Condition = 2

2 year, 1 hour precipitation = 0.500(In.)
100 year, 1 hour precipitation = 1.250(In.)

Storm event year = 100.0
Calculated rainfall intensity data:
1 hour intensity = 1.250(In/Hr)
Slope of intensity duration curve = 0.5300

Process from Point/Station 10.000 to Point/Station 10.010
**** INITIAL AREA EVALUATION ****

Initial area flow distance = 206.000(Ft.)
Top (of initial area) elevation = 1441.800(Ft.)
Bottom (of initial area) elevation = 1441.200(Ft.)
Difference in elevation = 0.600(Ft.)
Slope = 0.00291 s(percent)= 0.29
TC = k(0.300)*[(length^3)/(elevation change)]^0.2
Initial area time of concentration = 8.125 min.
Rainfall intensity = 3.607(In/Hr) for a 100.0 year storm
COMMERCIAL subarea type
Runoff Coefficient = 0.880
Decimal fraction soil group A = 0.000
Decimal fraction soil group B = 1.000
Decimal fraction soil group C = 0.000
Decimal fraction soil group D = 0.000
RI index for soil(AMC 2) = 56.00
Pervious area fraction = 0.100; Impervious fraction = 0.900
Initial subarea runoff = 1.174(CFS)
Total initial stream area = 0.370(Ac.)
Pervious area fraction = 0.100

Process from Point/Station 10.010 to Point/Station 10.020
**** IMPROVED CHANNEL TRAVEL TIME ****

Upstream point elevation = 1441.200(Ft.)
Downstream point elevation = 1439.500(Ft.)
Channel length thru subarea = 9.000(Ft.)

Channel base width = 3.000(Ft.)
Slope or 'Z' of left channel bank = 0.000
Slope or 'Z' of right channel bank = 0.000
Manning's 'N' = 0.015
Maximum depth of channel = 0.500(Ft.)
Flow(q) thru subarea = 1.174(CFS)
Depth of flow = 0.061(Ft.), Average velocity = 6.465(Ft/s)
Channel flow top width = 3.000(Ft.)
Flow velocity = 6.47(Ft/s)
Travel time = 0.02 min.
Time of concentration = 8.15 min.

Sub-Channel No. 1 Critical depth = 0.168(Ft.)
' ' ' Critical flow top width = 3.000(Ft.)
' ' ' Critical flow velocity = 2.330(Ft/s)
' ' ' Critical flow area = 0.504(Sq.Ft)

+++++
Process from Point/Station 10.020 to Point/Station 10.030
**** NATURAL CHANNEL TIME + SUBAREA FLOW ADDITION ****

Top of natural channel elevation = 1439.500(Ft.)
End of natural channel elevation = 1439.400(Ft.)
Length of natural channel = 194.000(Ft.)
Estimated mean flow rate at midpoint of channel = 1.602(CFS)

Natural valley channel type used
L.A. County flood control district formula for channel velocity:
Velocity(ft/s) = $(7 + 8(q(\text{English Units})^{.352})(\text{slope}^{.5}))$
Velocity using mean channel flow = 0.37(Ft/s)

Correction to map slope used on extremely rugged channels with
drops and waterfalls (Plate D-6.2)
Normal channel slope = 0.0005
Corrected/adjusted channel slope = 0.0005
Travel time = 8.66 min. TC = 16.81 min.

Adding area flow to channel
UNDEVELOPED (good cover) subarea
Runoff Coefficient = 0.668
Decimal fraction soil group A = 0.000
Decimal fraction soil group B = 1.000
Decimal fraction soil group C = 0.000
Decimal fraction soil group D = 0.000
RI index for soil(AMC 2) = 61.00
Pervious area fraction = 1.000; Impervious fraction = 0.000
Rainfall intensity = 2.454(In/Hr) for a 100.0 year storm
Subarea runoff = 0.442(CFS) for 0.270(Ac.)
Total runoff = 1.617(CFS) Total area = 0.640(Ac.)

+++++
Process from Point/Station 10.020 to Point/Station 10.030
**** CONFLUENCE OF MAIN STREAMS ****

The following data inside Main Stream is listed:
In Main Stream number: 1
Stream flow area = 0.640(Ac.)
Runoff from this stream = 1.617(CFS)
Time of concentration = 16.81 min.
Rainfall intensity = 2.454(In/Hr)
Program is now starting with Main Stream No. 2

+++++
Process from Point/Station 10.000 to Point/Station 10.040
**** INITIAL AREA EVALUATION ****

Initial area flow distance = 212.000(Ft.)
 Top (of initial area) elevation = 1441.800(Ft.)
 Bottom (of initial area) elevation = 1440.300(Ft.)
 Difference in elevation = 1.500(Ft.)
 Slope = 0.00708 s(percent)= 0.71
 $TC = k(0.300)*[(length^3)/(elevation\ change)]^{0.2}$
 Initial area time of concentration = 6.882 min.
 Rainfall intensity = 3.939(In/Hr) for a 100.0 year storm
 COMMERCIAL subarea type
 Runoff Coefficient = 0.881
 Decimal fraction soil group A = 0.000
 Decimal fraction soil group B = 1.000
 Decimal fraction soil group C = 0.000
 Decimal fraction soil group D = 0.000
 RI index for soil(AMC 2) = 56.00
 Pervious area fraction = 0.100; Impervious fraction = 0.900
 Initial subarea runoff = 0.694(CFS)
 Total initial stream area = 0.200(Ac.)
 Pervious area fraction = 0.100

++++++
 Process from Point/Station 10.040 to Point/Station 10.050
 **** IMPROVED CHANNEL TRAVEL TIME ****

Upstream point elevation = 1440.300(Ft.)
 Downstream point elevation = 1439.500(Ft.)
 Channel length thru subarea = 7.000(Ft.)
 Channel base width = 3.000(Ft.)
 Slope or 'Z' of left channel bank = 0.000
 Slope or 'Z' of right channel bank = 0.000
 Manning's 'N' = 0.015
 Maximum depth of channel = 0.500(Ft.)
 Flow(q) thru subarea = 0.694(CFS)
 Depth of flow = 0.051(Ft.), Average velocity = 4.517(Ft/s)
 Channel flow top width = 3.000(Ft.)
 Flow velocity = 4.52(Ft/s)
 Travel time = 0.03 min.
 Time of concentration = 6.91 min.

Sub-Channel No. 1 Critical depth = 0.119(Ft.)
 ' ' ' Critical flow top width = 3.000(Ft.)
 ' ' ' Critical flow velocity = 1.942(Ft/s)
 ' ' ' Critical flow area = 0.357(Sq.Ft)

++++++
 Process from Point/Station 10.050 to Point/Station 10.030
 **** NATURAL CHANNEL TIME + SUBAREA FLOW ADDITION ****

Top of natural channel elevation = 1439.500(Ft.)
 End of natural channel elevation = 1439.400(Ft.)
 Length of natural channel = 29.000(Ft.)
 Estimated mean flow rate at midpoint of channel = 0.781(CFS)

Natural valley channel type used
 L.A. County flood control district formula for channel velocity:
 $velocity(ft/s) = (7 + 8(q(English\ Units)^{.352})(slope^{0.5}))$
 velocity using mean channel flow = 0.84(Ft/s)

Correction to map slope used on extremely rugged channels with
 drops and waterfalls (Plate D-6.2)
 Normal channel slope = 0.0034
 Corrected/adjusted channel slope = 0.0034
 Travel time = 0.57 min. TC = 7.48 min.

Adding area flow to channel
 UNDEVELOPED (good cover) subarea
 Runoff Coefficient = 0.734

Decimal fraction soil group A = 0.000
 Decimal fraction soil group B = 1.000
 Decimal fraction soil group C = 0.000
 Decimal fraction soil group D = 0.000
 RI index for soil(AMC 2) = 61.00
 Pervious area fraction = 1.000; Impervious fraction = 0.000
 Rainfall intensity = 3.768(In/Hr) for a 100.0 year storm
 Subarea runoff = 0.138(CFS) for 0.050(Ac.)
 Total runoff = 0.832(CFS) Total area = 0.250(Ac.)

++++++
 Process from Point/Station 10.050 to Point/Station 10.030
 **** CONFLUENCE OF MAIN STREAMS ****

The following data inside Main Stream is listed:

In Main Stream number: 2
 Stream flow area = 0.250(Ac.)
 Runoff from this stream = 0.832(CFS)
 Time of concentration = 7.48 min.
 Rainfall intensity = 3.768(In/Hr)
 Summary of stream data:

Stream No.	Flow rate (CFS)	TC (min)	Rainfall Intensity (In/Hr)
------------	-----------------	----------	----------------------------

1	1.617	16.81	2.454
2	0.832	7.48	3.768

Largest stream flow has longer time of concentration

$Q_p = \frac{1.617 + \text{sum of } Q_b \cdot I_a/I_b}{2.159} = 0.542$
 $Q_p = 2.159$

Total of 2 main streams to confluence:

Flow rates before confluence point:

1.617 0.832

Area of streams before confluence:

0.640 0.250

Results of confluence:

Total flow rate = 2.159(CFS)
 Time of concentration = 16.808 min.
 Effective stream area after confluence = 0.890(Ac.)

++++++
 Process from Point/Station 10.030 to Point/Station 10.060
 **** PIPEFLOW TRAVEL TIME (Program estimated size) ****

Upstream point/station elevation = 1436.900(Ft.)
 Downstream point/station elevation = 1436.500(Ft.)
 Pipe length = 21.00(Ft.) Manning's N = 0.015
 No. of pipes = 1 Required pipe flow = 2.159(CFS)
 Nearest computed pipe diameter = 12.00(In.)
 Calculated individual pipe flow = 2.159(CFS)
 Normal flow depth in pipe = 6.05(In.)
 Flow top width inside pipe = 12.00(In.)
 Critical Depth = 7.53(In.)
 Pipe flow velocity = 5.44(Ft/s)
 Travel time through pipe = 0.06 min.
 Time of concentration (TC) = 16.87 min.
 End of computations, total study area = 0.89 (Ac.)

The following figures may be used for a unit hydrograph study of the same area.

Area averaged pervious area fraction(Ap) = 0.424
 Area averaged RI index number = 57.8

Riverside County Rational Hydrology Program

CIVILCADD/CIVILDESIGN Engineering Software,(c) 1989 - 2018 Version 9.0
Rational Hydrology Study Date: 10/28/22 File:AREAD2.out

**MENIFEE STAXUP STORAGE EXPANSION
PRELIMINARY DRAINAGE STUDY
DEVELOPED AREA D2
100-YEAR**

***** Hydrology Study Control Information *****

English (in-lb) units used in input data file

Program License Serial Number 6545

Rational Method Hydrology Program based on
Riverside County Flood Control & Water Conservation District
1978 hydrology manual

Storm event (year) = 100.00 Antecedent Moisture Condition = 2

2 year, 1 hour precipitation = 0.500(In.)
100 year, 1 hour precipitation = 1.250(In.)

Storm event year = 100.0
Calculated rainfall intensity data:
1 hour intensity = 1.250(In/Hr)
Slope of intensity duration curve = 0.5300

Process from Point/Station 20.000 to Point/Station 20.100
**** INITIAL AREA EVALUATION ****

Initial area flow distance = 74.000(Ft.)
Top (of initial area) elevation = 1446.000(Ft.)
Bottom (of initial area) elevation = 1445.500(Ft.)
Difference in elevation = 0.500(Ft.)
Slope = 0.00676 s(percent)= 0.68
TC = $k(0.300)*[(length^3)/(elevation\ change)]^{0.2}$
Warning: TC computed to be less than 5 min.; program is assuming the
time of concentration is 5 minutes.
Initial area time of concentration = 5.000 min.
Rainfall intensity = 4.665(In/Hr) for a 100.0 year storm
COMMERCIAL subarea type
Runoff Coefficient = 0.883
Decimal fraction soil group A = 0.000
Decimal fraction soil group B = 1.000
Decimal fraction soil group C = 0.000
Decimal fraction soil group D = 0.000
RI index for soil(AMC 2) = 56.00
Pervious area fraction = 0.100; Impervious fraction = 0.900
Initial subarea runoff = 0.659(CFS)
Total initial stream area = 0.160(Ac.)
Pervious area fraction = 0.100

Process from Point/Station 20.100 to Point/Station 20.200
**** PIPEFLOW TRAVEL TIME (Program estimated size) ****

Upstream point/station elevation = 1443.500(Ft.)

Downstream point/station elevation = 1441.000(Ft.)
 Pipe length = 332.00(Ft.) Manning's N = 0.013
 No. of pipes = 1 Required pipe flow = 0.659(CFS)
 Nearest computed pipe diameter = 9.00(In.)
 Calculated individual pipe flow = 0.659(CFS)
 Normal flow depth in pipe = 4.28(In.)
 Flow top width inside pipe = 8.99(In.)
 Critical Depth = 4.42(In.)
 Pipe flow velocity = 3.18(Ft/s)
 Travel time through pipe = 1.74 min.
 Time of concentration (TC) = 6.74 min.

++++++
 Process from Point/Station 20.200 to Point/Station 20.300
 **** NATURAL CHANNEL TIME + SUBAREA FLOW ADDITION ****

Top of natural channel elevation = 1441.000(Ft.)
 End of natural channel elevation = 1440.500(Ft.)
 Length of natural channel = 100.000(Ft.)
 Estimated mean flow rate at midpoint of channel = 0.701(CFS)

Natural valley channel type used
 L.A. County flood control district formula for channel velocity:
 $Velocity(ft/s) = (7 + 8(q(English\ Units)^{.352})(slope^{.5}))$
 velocity using mean channel flow = 0.99(Ft/s)

Correction to map slope used on extremely rugged channels with
 drops and waterfalls (Plate D-6.2)
 Normal channel slope = 0.0050
 Corrected/adjusted channel slope = 0.0050
 Travel time = 1.68 min. TC = 8.42 min.

Adding area flow to channel
 UNDEVELOPED (good cover) subarea
 Runoff Coefficient = 0.725
 Decimal fraction soil group A = 0.000
 Decimal fraction soil group B = 1.000
 Decimal fraction soil group C = 0.000
 Decimal fraction soil group D = 0.000
 RI index for soil(AMC 2) = 61.00
 Pervious area fraction = 1.000; Impervious fraction = 0.000
 Rainfall intensity = 3.540(In/Hr) for a 100.0 year storm
 Subarea runoff = 0.051(CFS) for 0.020(Ac.)
 Total runoff = 0.711(CFS) Total area = 0.180(Ac.)
 End of computations, total study area = 0.18 (Ac.)
 The following figures may
 be used for a unit hydrograph study of the same area.

Area averaged pervious area fraction(Ap) = 0.200
 Area averaged RI index number = 56.6

Unit Hydrograph Analysis Models..... IV

- Existing (2- & 100-year; 1-, 3-, 6-, & 24-hour)
- Developed (2- & 100-year; 1-, 3-, 6-, & 24-hour)

**Menifee Staxup Storage Expansion
Unit Hydrograph Summary**

EXISTING	2-YEAR				100-YEAR			
AREA P1-1.24 ac.	1 hr	3 hr	6 hr	24 hr	1 hr	3 hr	6 hr	24 hr
Runoff (cfs)	1.18	0.38	0.30	0.06	4.19	2.07	1.80	0.69
Volume (cf)	862	811	981	1,471	5,016	6,729	7,654	12,115
Volume (ac-ft)	0.020	0.019	0.023	0.034	0.115	0.154	0.176	0.278
AREA P2-0.16 ac.	1 hr	3 hr	6 hr	24 hr	1 hr	3 hr	6 hr	24 hr
Runoff (cfs)	0.21	0.05	0.04	0.004	0.70	0.28	0.25	0.089
Volume (cf)	97	75	80	105	549	874	997	1,523
Volume (ac-ft)	0.002	0.002	0.002	0.002	0.013	0.020	0.023	0.035
Total-1.4 ac.	1 hr	3 hr	6 hr	24 hr	1 hr	3 hr	6 hr	24 hr
Runoff (cfs)	1.40	0.43	0.35	0.06	4.89	2.35	2.05	0.78
Volume (cf)	959	886	1,061	1,576	5,565	7,603	8,652	13,638
Volume (ac-ft)	0.022	0.020	0.024	0.036	0.128	0.175	0.199	0.313

DEVELOPED	2-YEAR				100-YEAR			
AREA D1-0.89 ac.	1 hr	3 hr	6 hr	24 hr	1 hr	3 hr	6 hr	24 hr
Runoff (cfs)	1.03	0.39	0.35	0.12	3.19	1.50	1.31	0.49
Volume (cf)	1,031	1,453	1,993	3,261	3,590	4,826	5,813	10,455
Volume (ac-ft)	0.024	0.033	0.046	0.075	0.082	0.111	0.133	0.240
BASIN A DETENTION	1 hr	3 hr	6 hr	24 hr	1 hr	3 hr	6 hr	24 hr
Basin A Outflow (cfs)	0.011	0.013	0.015	0.018	1.115	1.340	1.138	0.490
Peak Basin Depth (ft)	0.29	0.33	0.37	0.46	0.57	0.59	0.58	0.53
AREA D2-0.18 ac.	1 hr	3 hr	6 hr	24 hr	1 hr	3 hr	6 hr	24 hr
Runoff (cfs)	0.22	0.10	0.09	0.03	0.63	0.31	0.27	0.11
Volume (cf)	257	387	532	870	762	1081	1360	2552
Volume (ac-ft)	0.006	0.009	0.012	0.020	0.017	0.025	0.031	0.059
BASIN B DETENTION	1 hr	3 hr	6 hr	24 hr	1 hr	3 hr	6 hr	24 hr
Basin B Outflow (cfs)	0.029	0.028	0.027	0.020	0.542	0.303	0.262	0.108
Peak Basin Depth (ft)	0.48	0.47	0.46	0.34	0.53	0.52	0.52	0.51
Total-1.1 ac.	1 hr	3 hr	6 hr	24 hr	1 hr	3 hr	6 hr	24 hr
Runoff Developed Outflow (cfs)	1.25	0.49	0.45	0.16	3.82	1.81	1.58	0.60
Total Mitigated Outflow (cfs)	0.040	0.041	0.042	0.038	1.657	1.643	1.400	0.598
Volume (cf)	1,288	1,840	2,525	4,132	4,352	5,907	7,173	13,007
Volume (ac-ft)	0.030	0.042	0.058	0.095	0.100	0.136	0.165	0.299

Unit Hydrograph Analysis

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Study date 10/31/22 File: P112.out

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Riverside County Synthetic Unit Hydrology Method
RCFC & WCD Manual date - April 1978

Program License Serial Number 6545

English (in-lb) Input Units Used
English Rainfall Data (Inches) Input Values Used

English Units used in output format

NENIFEE STAXUP STORAGE EXPANSION
PRELIMINARY DRAINAGE STUDY
EXISTING AREA P1
2-YEAR; 1-HOUR

Drainage Area = 1.24(Ac.) = 0.002 Sq. Mi.
Drainage Area for Depth-Area Areal Adjustment = 1.24(Ac.) = 0.002 Sq. Mi.
Length along longest watercourse = 434.00(Ft.)
Length along longest watercourse measured to centroid = 212.00(Ft.)
Length along longest watercourse = 0.082 Mi.
Length along longest watercourse measured to centroid = 0.040 Mi.
Difference in elevation = 7.50(Ft.)
Slope along watercourse = 91.2442 Ft./Mi.
Average Manning's 'N' = 0.020
Lag time = 0.023 Hr.
Lag time = 1.39 Min.
25% of lag time = 0.35 Min.
40% of lag time = 0.56 Min.
Unit time = 5.00 Min.
Duration of storm = 1 Hour(s)
User Entered Base Flow = 0.00(CFS)

2 YEAR Area rainfall data:

Area(Ac.)[1]	Rainfall(In)[2]	weighting[1*2]
1.24	0.50	0.62

100 YEAR Area rainfall data:

Area(Ac.)[1]	Rainfall(In)[2]	weighting[1*2]
1.24	1.25	1.55

STORM EVENT (YEAR) = 2.00
Area Averaged 2-Year Rainfall = 0.500(In)
Area Averaged 100-Year Rainfall = 1.250(In)

Point rain (area averaged) = 0.500(In)
Areal adjustment factor = 100.00 %
Adjusted average point rain = 0.500(In)

Sub-Area Data:

Area(Ac.)	Runoff Index	Impervious %
1.240	75.50	0.102
Total Area Entered =	1.24(Ac.)	

RI	RI	Infil. Rate	Impervious	Adj. Infil. Rate	Area%	F
AMC2	AMC-1	(In/Hr)	(Dec.%)	(In/Hr)	(Dec.)	(In/Hr)
75.5	57.6	0.494	0.102	0.449	1.000	0.449
						Sum (F) = 0.449

Area averaged mean soil loss (F) (In/Hr) = 0.449

Minimum soil loss rate ((In/Hr)) = 0.225

(for 24 hour storm duration)

Soil loss rate (decimal) = 0.818

Slope of intensity-duration curve for a 1 hour storm = 0.5300

Unit Hydrograph
VALLEY S-Curve

Unit Hydrograph Data

Unit time period (hrs)	Time % of lag	Distribution Graph %	Unit Hydrograph (CFS)
1	0.083	358.893	62.026
2	0.167	717.785	34.085
3	0.250	1076.678	3.890
		Sum = 100.000	Sum = 1.250

The following loss rate calculations reflect use of the minimum calculated loss rate subtracted from the Storm Rain to produce the maximum Effective Rain value

Unit Time (Hr.)	Pattern Percent	Storm Rain (In/Hr)	Loss rate(In./Hr) Max	Low	Effective (In/Hr)
1	0.08	3.40	0.204	(0.449)	0.167
2	0.17	4.70	0.282	(0.449)	0.231
3	0.25	4.70	0.282	(0.449)	0.231
4	0.33	5.10	0.306	(0.449)	0.250
5	0.42	5.80	0.348	(0.449)	0.285
6	0.50	5.90	0.354	(0.449)	0.290
7	0.58	7.10	0.426	(0.449)	0.349
8	0.67	8.70	0.522	(0.449)	0.427
9	0.75	13.20	0.792	0.449 (0.648)	0.343
10	0.83	29.70	1.782	0.449 (1.458)	1.333
11	0.92	7.70	0.462	(0.449)	0.378
12	1.00	4.00	0.240	(0.449)	0.196

(Loss Rate Not Used)

Sum = 100.0 Sum = 2.3

Flood volume = Effective rainfall 0.19(In)

times area 1.2(Ac.)/[(In)/(Ft.)] = 0.0(Ac.Ft)

Total soil loss = 0.31(In)

Total soil loss = 0.032(Ac.Ft)

Total rainfall = 0.50(In)

Flood volume = 862.0 Cubic Feet

Total soil loss = 1388.6 Cubic Feet

Peak flow rate of this hydrograph = 1.184(CFS)

1 - H O U R S T O R M
R u n o f f H y d r o g r a p h

Hydrograph in 5 Minute intervals ((CFS))

Time(h+m)	Volume Ac.Ft	Q(CFS)	0	2.5	5.0	7.5	10.0
0+ 5	0.0002	0.03	Q				
0+10	0.0006	0.06	QV				
0+15	0.0010	0.06	Q V				
0+20	0.0015	0.07	Q V				

0+25	0.0020	0.08	Q	V				
0+30	0.0025	0.08	Q	V				
0+35	0.0032	0.09	Q	V				
0+40	0.0039	0.11	Q	V				
0+45	0.0061	0.31	Q		V			
0+50	0.0142	1.18		Q		V		
0+55	0.0187	0.65		Q			V	
1+ 0	0.0196	0.13	Q					V
1+ 5	0.0198	0.02	Q					V
1+10	0.0198	0.00	Q					V

Unit Hydrograph Analysis

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Study date 10/31/22 File: P132.out

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Riverside County Synthetic Unit Hydrology Method
RCFC & WCD Manual date - April 1978

Program License Serial Number 6545

English (in-lb) Input Units Used
English Rainfall Data (Inches) Input Values Used

English Units used in output format

NENIFEE STAXUP STORAGE EXPANSION
PRELIMINARY DRAINAGE STUDY
EXISTING AREA P1
2-YEAR; 3-HOUR

Drainage Area = 1.24(Ac.) = 0.002 Sq. Mi.
Drainage Area for Depth-Area Areal Adjustment = 1.24(Ac.) = 0.002 Sq. Mi.
Length along longest watercourse = 434.00(Ft.)
Length along longest watercourse measured to centroid = 212.00(Ft.)
Length along longest watercourse = 0.082 Mi.
Length along longest watercourse measured to centroid = 0.040 Mi.
Difference in elevation = 7.50(Ft.)
Slope along watercourse = 91.2442 Ft./Mi.
Average Manning's 'N' = 0.020
Lag time = 0.023 Hr.
Lag time = 1.39 Min.
25% of lag time = 0.35 Min.
40% of lag time = 0.56 Min.
Unit time = 5.00 Min.
Duration of storm = 3 Hour(s)
User Entered Base Flow = 0.00(CFS)

2 YEAR Area rainfall data:

Area(Ac.)[1]	Rainfall(In)[2]	weighting[1*2]
1.24	0.80	0.99

100 YEAR Area rainfall data:

Area(Ac.)[1]	Rainfall(In)[2]	weighting[1*2]
1.24	1.90	2.36

STORM EVENT (YEAR) = 2.00
Area Averaged 2-Year Rainfall = 0.800(In)
Area Averaged 100-Year Rainfall = 1.900(In)

Point rain (area averaged) = 0.800(In)
Areal adjustment factor = 100.00 %
Adjusted average point rain = 0.800(In)

Sub-Area Data:

Area(Ac.)	Runoff Index	Impervious %
1.240	75.50	0.102
Total Area Entered =	1.24(Ac.)	

times area 1.2(Ac.)/[In]/(Ft.)] = 0.0(Ac.Ft)
 Total soil loss = 0.62(In)
 Total soil loss = 0.064(Ac.Ft)
 Total rainfall = 0.80(In)
 Flood volume = 811.2 Cubic Feet
 Total soil loss = 2789.8 Cubic Feet

 Peak flow rate of this hydrograph = 0.379(CFS)

+++++

3 - H O U R S T O R M
 R u n o f f H y d r o g r a p h

 Hydrograph in 5 Minute intervals ((CFS))

Time(h+m)	Volume Ac.Ft	Q(CFS)	0	2.5	5.0	7.5	10.0
0+ 5	0.0001	0.02	Q				
0+10	0.0003	0.03	Q				
0+15	0.0005	0.03	QV				
0+20	0.0007	0.03	QV				
0+25	0.0009	0.03	QV				
0+30	0.0012	0.04	Q V				
0+35	0.0014	0.03	Q V				
0+40	0.0017	0.04	Q V				
0+45	0.0019	0.04	Q V				
0+50	0.0022	0.04	Q V				
0+55	0.0024	0.03	Q V				
1+ 0	0.0027	0.04	Q V				
1+ 5	0.0030	0.04	Q V				
1+10	0.0033	0.05	Q V				
1+15	0.0036	0.05	Q V				
1+20	0.0039	0.05	Q V				
1+25	0.0043	0.05	Q V				
1+30	0.0047	0.06	Q V				
1+35	0.0051	0.05	Q V				
1+40	0.0055	0.06	Q V				
1+45	0.0059	0.07	Q V				
1+50	0.0064	0.07	Q V				
1+55	0.0068	0.07	Q V				
2+ 0	0.0073	0.06	Q V				
2+ 5	0.0077	0.07	Q V				
2+10	0.0083	0.08	Q V				
2+15	0.0090	0.10	Q V				
2+20	0.0096	0.09	Q V				
2+25	0.0109	0.19	Q V				
2+30	0.0129	0.28	Q				
2+35	0.0155	0.38	Q				
2+40	0.0172	0.25	Q				
2+45	0.0178	0.09	Q				
2+50	0.0181	0.04	Q				
2+55	0.0184	0.04	Q				
3+ 0	0.0186	0.02	Q				
3+ 5	0.0186	0.01	Q				
3+10	0.0186	0.00	Q				

Unit Hydrograph Analysis

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Study date 10/31/22 File: P162.out

Riverside County Synthetic Unit Hydrology Method
RCFC & WCD Manual date - April 1978

Program License Serial Number 6545

English (in-lb) Input Units Used
English Rainfall Data (Inches) Input Values Used

English Units used in output format

NENIFEE STAXUP STORAGE EXPANSION
PRELIMINARY DRAINAGE STUDY
EXISTING AREA P1
2-YEAR; 6-HOUR

Drainage Area = 1.24(Ac.) = 0.002 Sq. Mi.
Drainage Area for Depth-Area Areal Adjustment = 1.24(Ac.) = 0.002 Sq. Mi.
Length along longest watercourse = 434.00(Ft.)
Length along longest watercourse measured to centroid = 212.00(Ft.)
Length along longest watercourse = 0.082 Mi.
Length along longest watercourse measured to centroid = 0.040 Mi.
Difference in elevation = 7.50(Ft.)
Slope along watercourse = 91.2442 Ft./Mi.
Average Manning's 'N' = 0.020
Lag time = 0.023 Hr.
Lag time = 1.39 Min.
25% of lag time = 0.35 Min.
40% of lag time = 0.56 Min.
Unit time = 5.00 Min.
Duration of storm = 6 Hour(s)
User Entered Base Flow = 0.00(CFS)

2 YEAR Area rainfall data:

Area(Ac.)[1]	Rainfall(In)[2]	weighting[1*2]
1.24	1.10	1.36

100 YEAR Area rainfall data:

Area(Ac.)[1]	Rainfall(In)[2]	weighting[1*2]
1.24	2.50	3.10

STORM EVENT (YEAR) = 2.00
Area Averaged 2-Year Rainfall = 1.100(In)
Area Averaged 100-Year Rainfall = 2.500(In)

Point rain (area averaged) = 1.100(In)
Areal adjustment factor = 100.00 %
Adjusted average point rain = 1.100(In)

Sub-Area Data:

Area(Ac.)	Runoff Index	Impervious %
1.240	75.50	0.102
Total Area Entered =	1.24(Ac.)	

RI	RI	Infil. Rate	Impervious	Adj. Infil. Rate	Area%	F
AMC2	AMC-1	(In/Hr)	(Dec.%)	(In/Hr)	(Dec.)	(In/Hr)
75.5	57.6	0.494	0.102	0.449	1.000	0.449
						Sum (F) = 0.449

Area averaged mean soil loss (F) (In/Hr) = 0.449

Minimum soil loss rate ((In/Hr)) = 0.225

(for 24 hour storm duration)

Soil loss rate (decimal) = 0.818

U n i t H y d r o g r a p h
VALLEY S-Curve

Unit Hydrograph Data

Unit time period (hrs)	Time % of lag	Distribution Graph %	Unit Hydrograph (CFS)
1	0.083	358.893	62.026
2	0.167	717.785	34.085
3	0.250	1076.678	3.890
		Sum = 100.000	Sum= 1.250

The following loss rate calculations reflect use of the minimum calculated loss rate subtracted from the Storm Rain to produce the maximum Effective Rain value

Unit Time (Hr.)	Pattern Percent	Storm Rain (In/Hr)	Loss rate(In./Hr)		Effective (In/Hr)
			Max	Low	
1	0.08	0.50	(0.449)	0.054	0.012
2	0.17	0.60	(0.449)	0.065	0.014
3	0.25	0.60	(0.449)	0.065	0.014
4	0.33	0.60	(0.449)	0.065	0.014
5	0.42	0.60	(0.449)	0.065	0.014
6	0.50	0.70	(0.449)	0.076	0.017
7	0.58	0.70	(0.449)	0.076	0.017
8	0.67	0.70	(0.449)	0.076	0.017
9	0.75	0.70	(0.449)	0.076	0.017
10	0.83	0.70	(0.449)	0.076	0.017
11	0.92	0.70	(0.449)	0.076	0.017
12	1.00	0.80	(0.449)	0.086	0.019
13	1.08	0.80	(0.449)	0.086	0.019
14	1.17	0.80	(0.449)	0.086	0.019
15	1.25	0.80	(0.449)	0.086	0.019
16	1.33	0.80	(0.449)	0.086	0.019
17	1.42	0.80	(0.449)	0.086	0.019
18	1.50	0.80	(0.449)	0.086	0.019
19	1.58	0.80	(0.449)	0.086	0.019
20	1.67	0.80	(0.449)	0.086	0.019
21	1.75	0.80	(0.449)	0.086	0.019
22	1.83	0.80	(0.449)	0.086	0.019
23	1.92	0.80	(0.449)	0.086	0.019
24	2.00	0.90	(0.449)	0.097	0.022
25	2.08	0.80	(0.449)	0.086	0.019
26	2.17	0.90	(0.449)	0.097	0.022
27	2.25	0.90	(0.449)	0.097	0.022
28	2.33	0.90	(0.449)	0.097	0.022
29	2.42	0.90	(0.449)	0.097	0.022
30	2.50	0.90	(0.449)	0.097	0.022
31	2.58	0.90	(0.449)	0.097	0.022
32	2.67	0.90	(0.449)	0.097	0.022
33	2.75	1.00	(0.449)	0.108	0.024
34	2.83	1.00	(0.449)	0.108	0.024
35	2.92	1.00	(0.449)	0.108	0.024
36	3.00	1.00	(0.449)	0.108	0.024
37	3.08	1.00	(0.449)	0.108	0.024
38	3.17	1.10	(0.449)	0.119	0.026
39	3.25	1.10	(0.449)	0.119	0.026

40	3.33	1.10	0.145	(0.449)	0.119	0.026
41	3.42	1.20	0.158	(0.449)	0.130	0.029
42	3.50	1.30	0.172	(0.449)	0.140	0.031
43	3.58	1.40	0.185	(0.449)	0.151	0.034
44	3.67	1.40	0.185	(0.449)	0.151	0.034
45	3.75	1.50	0.198	(0.449)	0.162	0.036
46	3.83	1.50	0.198	(0.449)	0.162	0.036
47	3.92	1.60	0.211	(0.449)	0.173	0.038
48	4.00	1.60	0.211	(0.449)	0.173	0.038
49	4.08	1.70	0.224	(0.449)	0.184	0.041
50	4.17	1.80	0.238	(0.449)	0.194	0.043
51	4.25	1.90	0.251	(0.449)	0.205	0.046
52	4.33	2.00	0.264	(0.449)	0.216	0.048
53	4.42	2.10	0.277	(0.449)	0.227	0.050
54	4.50	2.10	0.277	(0.449)	0.227	0.050
55	4.58	2.20	0.290	(0.449)	0.238	0.053
56	4.67	2.30	0.304	(0.449)	0.248	0.055
57	4.75	2.40	0.317	(0.449)	0.259	0.058
58	4.83	2.40	0.317	(0.449)	0.259	0.058
59	4.92	2.50	0.330	(0.449)	0.270	0.060
60	5.00	2.60	0.343	(0.449)	0.281	0.062
61	5.08	3.10	0.409	(0.449)	0.335	0.074
62	5.17	3.60	0.475	(0.449)	0.389	0.086
63	5.25	3.90	0.515	(0.449)	0.421	0.093
64	5.33	4.20	0.554	0.449	(0.454)	0.105
65	5.42	4.70	0.620	0.449	(0.508)	0.171
66	5.50	5.60	0.739	0.449	(0.605)	0.290
67	5.58	1.90	0.251	(0.449)	0.205	0.046
68	5.67	0.90	0.119	(0.449)	0.097	0.022
69	5.75	0.60	0.079	(0.449)	0.065	0.014
70	5.83	0.50	0.066	(0.449)	0.054	0.012
71	5.92	0.30	0.040	(0.449)	0.032	0.007
72	6.00	0.20	0.026	(0.449)	0.022	0.005

(Loss Rate Not Used)

Sum = 100.0 Sum = 2.6

Flood volume = Effective rainfall 0.22(In)
times area 1.2(Ac.)/[(In)/(Ft.)] = 0.0(Ac.Ft)
Total soil loss = 0.88(In)
Total soil loss = 0.091(Ac.Ft)
Total rainfall = 1.10(In)
Flood volume = 981.4 Cubic Feet
Total soil loss = 3969.9 Cubic Feet

Peak flow rate of this hydrograph = 0.303(CFS)

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6 - H O U R S T O R M
R u n o f f H y d r o g r a p h

Hydrograph in 5 Minute intervals ((CFS))

Time(h+m)	Volume Ac.Ft	Q(CFS)	0	2.5	5.0	7.5	10.0
0+ 5	0.0001	0.01	Q				
0+10	0.0002	0.02	Q				
0+15	0.0003	0.02	Q				
0+20	0.0004	0.02	Q				
0+25	0.0005	0.02	Q				
0+30	0.0007	0.02	QV				
0+35	0.0008	0.02	QV				
0+40	0.0010	0.02	QV				
0+45	0.0011	0.02	QV				
0+50	0.0013	0.02	Q V				
0+55	0.0014	0.02	Q V				
1+ 0	0.0016	0.02	Q V				
1+ 5	0.0017	0.02	Q V				
1+10	0.0019	0.02	Q V				
1+15	0.0021	0.02	Q V				
1+20	0.0022	0.02	Q V				
1+25	0.0024	0.02	Q V				

1+30	0.0026	0.02	Q	V				
1+35	0.0027	0.02	Q	V				
1+40	0.0029	0.02	Q	V				
1+45	0.0030	0.02	Q	V				
1+50	0.0032	0.02	Q	V				
1+55	0.0034	0.02	Q	V				
2+ 0	0.0036	0.03	Q	V				
2+ 5	0.0037	0.02	Q	V				
2+10	0.0039	0.03	Q	V				
2+15	0.0041	0.03	Q	V				
2+20	0.0043	0.03	Q	V				
2+25	0.0045	0.03	Q	V				
2+30	0.0046	0.03	Q	V				
2+35	0.0048	0.03	Q	V				
2+40	0.0050	0.03	Q	V				
2+45	0.0052	0.03	Q	V				
2+50	0.0054	0.03	Q	V				
2+55	0.0056	0.03	Q	V				
3+ 0	0.0058	0.03	Q	V				
3+ 5	0.0060	0.03	Q	V				
3+10	0.0063	0.03	Q	V				
3+15	0.0065	0.03	Q	V				
3+20	0.0067	0.03	Q	V				
3+25	0.0070	0.03	Q	V				
3+30	0.0072	0.04	Q	V				
3+35	0.0075	0.04	Q	V				
3+40	0.0078	0.04	Q	V				
3+45	0.0081	0.04	Q	V				
3+50	0.0084	0.04	Q	V				
3+55	0.0087	0.05	Q	V				
4+ 0	0.0090	0.05	Q	V				
4+ 5	0.0094	0.05	Q	V				
4+10	0.0098	0.05	Q	V				
4+15	0.0101	0.06	Q	V				
4+20	0.0105	0.06	Q	V				
4+25	0.0110	0.06	Q	V				
4+30	0.0114	0.06	Q	V				
4+35	0.0118	0.06	Q	V				
4+40	0.0123	0.07	Q	V				
4+45	0.0128	0.07	Q	V				
4+50	0.0133	0.07	Q	V				
4+55	0.0138	0.07	Q	V				
5+ 0	0.0143	0.08	Q	V				
5+ 5	0.0149	0.09	Q	V				
5+10	0.0156	0.10	Q	V				
5+15	0.0164	0.11	Q	V				
5+20	0.0173	0.13	Q	V				
5+25	0.0185	0.18	Q	V				
5+30	0.0206	0.30	Q	V				
5+35	0.0218	0.17	Q	V				
5+40	0.0221	0.05	Q	V				
5+45	0.0223	0.02	Q	V				
5+50	0.0224	0.02	Q	V				
5+55	0.0225	0.01	Q	V				
6+ 0	0.0225	0.01	Q	V				
6+ 5	0.0225	0.00	Q	V				
6+10	0.0225	0.00	Q	V				

Unit Hydrograph Analysis

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Study date 10/31/22 File: P1242.out

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Riverside County Synthetic Unit Hydrology Method
RCFC & WCD Manual date - April 1978

Program License Serial Number 6545

English (in-lb) Input Units Used
English Rainfall Data (Inches) Input Values Used

English Units used in output format

NENIFEE STAXUP STORAGE EXPANSION
PRELIMINARY DRAINAGE STUDY
EXISTING AREA P1
2-YEAR; 24-HOUR

Drainage Area = 1.24(Ac.) = 0.002 Sq. Mi.
Drainage Area for Depth-Area Areal Adjustment = 1.24(Ac.) = 0.002 Sq. Mi.
Length along longest watercourse = 434.00(Ft.)
Length along longest watercourse measured to centroid = 212.00(Ft.)
Length along longest watercourse = 0.082 Mi.
Length along longest watercourse measured to centroid = 0.040 Mi.
Difference in elevation = 7.50(Ft.)
Slope along watercourse = 91.2442 Ft./Mi.
Average Manning's 'N' = 0.020
Lag time = 0.023 Hr.
Lag time = 1.39 Min.
25% of lag time = 0.35 Min.
40% of lag time = 0.56 Min.
Unit time = 5.00 Min.
Duration of storm = 24 Hour(s)
User Entered Base Flow = 0.00(CFS)

2 YEAR Area rainfall data:

Area(Ac.)[1]	Rainfall(In)[2]	weighting[1*2]
1.24	1.80	2.23

100 YEAR Area rainfall data:

Area(Ac.)[1]	Rainfall(In)[2]	weighting[1*2]
1.24	4.90	6.08

STORM EVENT (YEAR) = 2.00
Area Averaged 2-Year Rainfall = 1.800(In)
Area Averaged 100-Year Rainfall = 4.900(In)

Point rain (area averaged) = 1.800(In)
Areal adjustment factor = 100.00 %
Adjusted average point rain = 1.800(In)

Sub-Area Data:

Area(Ac.)	Runoff Index	Impervious %
1.240	75.50	0.102
Total Area Entered =	1.24(Ac.)	

RI	RI	Infil. Rate	Impervious	Adj. Infil. Rate	Area%	F
AMC2	AMC-1	(In/Hr)	(Dec.%)	(In/Hr)	(Dec.)	(In/Hr)
75.5	57.6	0.494	0.102	0.449	1.000	0.449
						Sum (F) = 0.449

Area averaged mean soil loss (F) (In/Hr) = 0.449
 Minimum soil loss rate ((In/Hr)) = 0.225
 (for 24 hour storm duration)
 Soil loss rate (decimal) = 0.818

U n i t H y d r o g r a p h
 VALLEY S-Curve

Unit Hydrograph Data

Unit time period (hrs)	Time % of lag	Distribution Graph %	Unit Hydrograph (CFS)
1	0.083	358.893	62.026
2	0.167	717.785	34.085
3	0.250	1076.678	3.890
		Sum = 100.000	Sum= 1.250

The following loss rate calculations reflect use of the minimum calculated loss rate subtracted from the Storm Rain to produce the maximum Effective Rain value

Unit Time (Hr.)	Pattern Percent	Storm Rain (In/Hr)	Loss rate(In./Hr)		Effective (In/Hr)
			Max	Low	
1	0.08	0.014	(0.796)	0.012	0.003
2	0.17	0.014	(0.793)	0.012	0.003
3	0.25	0.014	(0.790)	0.012	0.003
4	0.33	0.022	(0.787)	0.018	0.004
5	0.42	0.022	(0.784)	0.018	0.004
6	0.50	0.022	(0.781)	0.018	0.004
7	0.58	0.022	(0.778)	0.018	0.004
8	0.67	0.022	(0.775)	0.018	0.004
9	0.75	0.022	(0.772)	0.018	0.004
10	0.83	0.029	(0.769)	0.024	0.005
11	0.92	0.029	(0.766)	0.024	0.005
12	1.00	0.029	(0.763)	0.024	0.005
13	1.08	0.022	(0.760)	0.018	0.004
14	1.17	0.022	(0.757)	0.018	0.004
15	1.25	0.022	(0.754)	0.018	0.004
16	1.33	0.022	(0.751)	0.018	0.004
17	1.42	0.022	(0.748)	0.018	0.004
18	1.50	0.022	(0.745)	0.018	0.004
19	1.58	0.022	(0.742)	0.018	0.004
20	1.67	0.022	(0.739)	0.018	0.004
21	1.75	0.022	(0.736)	0.018	0.004
22	1.83	0.029	(0.733)	0.024	0.005
23	1.92	0.029	(0.730)	0.024	0.005
24	2.00	0.029	(0.727)	0.024	0.005
25	2.08	0.029	(0.724)	0.024	0.005
26	2.17	0.029	(0.721)	0.024	0.005
27	2.25	0.029	(0.718)	0.024	0.005
28	2.33	0.029	(0.715)	0.024	0.005
29	2.42	0.029	(0.712)	0.024	0.005
30	2.50	0.029	(0.709)	0.024	0.005
31	2.58	0.036	(0.706)	0.029	0.007
32	2.67	0.036	(0.703)	0.029	0.007
33	2.75	0.036	(0.701)	0.029	0.007
34	2.83	0.036	(0.698)	0.029	0.007
35	2.92	0.036	(0.695)	0.029	0.007
36	3.00	0.036	(0.692)	0.029	0.007
37	3.08	0.036	(0.689)	0.029	0.007
38	3.17	0.036	(0.686)	0.029	0.007
39	3.25	0.036	(0.683)	0.029	0.007

40	3.33	0.17	0.036	(0.681)	0.029	0.007
41	3.42	0.17	0.036	(0.678)	0.029	0.007
42	3.50	0.17	0.036	(0.675)	0.029	0.007
43	3.58	0.17	0.036	(0.672)	0.029	0.007
44	3.67	0.17	0.036	(0.669)	0.029	0.007
45	3.75	0.17	0.036	(0.666)	0.029	0.007
46	3.83	0.20	0.043	(0.664)	0.035	0.008
47	3.92	0.20	0.043	(0.661)	0.035	0.008
48	4.00	0.20	0.043	(0.658)	0.035	0.008
49	4.08	0.20	0.043	(0.655)	0.035	0.008
50	4.17	0.20	0.043	(0.652)	0.035	0.008
51	4.25	0.20	0.043	(0.650)	0.035	0.008
52	4.33	0.23	0.050	(0.647)	0.041	0.009
53	4.42	0.23	0.050	(0.644)	0.041	0.009
54	4.50	0.23	0.050	(0.641)	0.041	0.009
55	4.58	0.23	0.050	(0.639)	0.041	0.009
56	4.67	0.23	0.050	(0.636)	0.041	0.009
57	4.75	0.23	0.050	(0.633)	0.041	0.009
58	4.83	0.27	0.058	(0.630)	0.047	0.010
59	4.92	0.27	0.058	(0.628)	0.047	0.010
60	5.00	0.27	0.058	(0.625)	0.047	0.010
61	5.08	0.20	0.043	(0.622)	0.035	0.008
62	5.17	0.20	0.043	(0.619)	0.035	0.008
63	5.25	0.20	0.043	(0.617)	0.035	0.008
64	5.33	0.23	0.050	(0.614)	0.041	0.009
65	5.42	0.23	0.050	(0.611)	0.041	0.009
66	5.50	0.23	0.050	(0.609)	0.041	0.009
67	5.58	0.27	0.058	(0.606)	0.047	0.010
68	5.67	0.27	0.058	(0.603)	0.047	0.010
69	5.75	0.27	0.058	(0.601)	0.047	0.010
70	5.83	0.27	0.058	(0.598)	0.047	0.010
71	5.92	0.27	0.058	(0.595)	0.047	0.010
72	6.00	0.27	0.058	(0.593)	0.047	0.010
73	6.08	0.30	0.065	(0.590)	0.053	0.012
74	6.17	0.30	0.065	(0.588)	0.053	0.012
75	6.25	0.30	0.065	(0.585)	0.053	0.012
76	6.33	0.30	0.065	(0.582)	0.053	0.012
77	6.42	0.30	0.065	(0.580)	0.053	0.012
78	6.50	0.30	0.065	(0.577)	0.053	0.012
79	6.58	0.33	0.072	(0.574)	0.059	0.013
80	6.67	0.33	0.072	(0.572)	0.059	0.013
81	6.75	0.33	0.072	(0.569)	0.059	0.013
82	6.83	0.33	0.072	(0.567)	0.059	0.013
83	6.92	0.33	0.072	(0.564)	0.059	0.013
84	7.00	0.33	0.072	(0.562)	0.059	0.013
85	7.08	0.33	0.072	(0.559)	0.059	0.013
86	7.17	0.33	0.072	(0.557)	0.059	0.013
87	7.25	0.33	0.072	(0.554)	0.059	0.013
88	7.33	0.37	0.079	(0.551)	0.065	0.014
89	7.42	0.37	0.079	(0.549)	0.065	0.014
90	7.50	0.37	0.079	(0.546)	0.065	0.014
91	7.58	0.40	0.086	(0.544)	0.071	0.016
92	7.67	0.40	0.086	(0.541)	0.071	0.016
93	7.75	0.40	0.086	(0.539)	0.071	0.016
94	7.83	0.43	0.094	(0.536)	0.077	0.017
95	7.92	0.43	0.094	(0.534)	0.077	0.017
96	8.00	0.43	0.094	(0.531)	0.077	0.017
97	8.08	0.50	0.108	(0.529)	0.088	0.020
98	8.17	0.50	0.108	(0.527)	0.088	0.020
99	8.25	0.50	0.108	(0.524)	0.088	0.020
100	8.33	0.50	0.108	(0.522)	0.088	0.020
101	8.42	0.50	0.108	(0.519)	0.088	0.020
102	8.50	0.50	0.108	(0.517)	0.088	0.020
103	8.58	0.53	0.115	(0.514)	0.094	0.021
104	8.67	0.53	0.115	(0.512)	0.094	0.021
105	8.75	0.53	0.115	(0.510)	0.094	0.021
106	8.83	0.57	0.122	(0.507)	0.100	0.022
107	8.92	0.57	0.122	(0.505)	0.100	0.022
108	9.00	0.57	0.122	(0.502)	0.100	0.022
109	9.08	0.63	0.137	(0.500)	0.112	0.025
110	9.17	0.63	0.137	(0.498)	0.112	0.025

111	9.25	0.63	0.137	(0.495)	0.112	0.025
112	9.33	0.67	0.144	(0.493)	0.118	0.026
113	9.42	0.67	0.144	(0.490)	0.118	0.026
114	9.50	0.67	0.144	(0.488)	0.118	0.026
115	9.58	0.70	0.151	(0.486)	0.124	0.027
116	9.67	0.70	0.151	(0.483)	0.124	0.027
117	9.75	0.70	0.151	(0.481)	0.124	0.027
118	9.83	0.73	0.158	(0.479)	0.130	0.029
119	9.92	0.73	0.158	(0.477)	0.130	0.029
120	10.00	0.73	0.158	(0.474)	0.130	0.029
121	10.08	0.50	0.108	(0.472)	0.088	0.020
122	10.17	0.50	0.108	(0.470)	0.088	0.020
123	10.25	0.50	0.108	(0.467)	0.088	0.020
124	10.33	0.50	0.108	(0.465)	0.088	0.020
125	10.42	0.50	0.108	(0.463)	0.088	0.020
126	10.50	0.50	0.108	(0.461)	0.088	0.020
127	10.58	0.67	0.144	(0.458)	0.118	0.026
128	10.67	0.67	0.144	(0.456)	0.118	0.026
129	10.75	0.67	0.144	(0.454)	0.118	0.026
130	10.83	0.67	0.144	(0.452)	0.118	0.026
131	10.92	0.67	0.144	(0.449)	0.118	0.026
132	11.00	0.67	0.144	(0.447)	0.118	0.026
133	11.08	0.63	0.137	(0.445)	0.112	0.025
134	11.17	0.63	0.137	(0.443)	0.112	0.025
135	11.25	0.63	0.137	(0.441)	0.112	0.025
136	11.33	0.63	0.137	(0.438)	0.112	0.025
137	11.42	0.63	0.137	(0.436)	0.112	0.025
138	11.50	0.63	0.137	(0.434)	0.112	0.025
139	11.58	0.57	0.122	(0.432)	0.100	0.022
140	11.67	0.57	0.122	(0.430)	0.100	0.022
141	11.75	0.57	0.122	(0.428)	0.100	0.022
142	11.83	0.60	0.130	(0.426)	0.106	0.024
143	11.92	0.60	0.130	(0.423)	0.106	0.024
144	12.00	0.60	0.130	(0.421)	0.106	0.024
145	12.08	0.83	0.180	(0.419)	0.147	0.033
146	12.17	0.83	0.180	(0.417)	0.147	0.033
147	12.25	0.83	0.180	(0.415)	0.147	0.033
148	12.33	0.87	0.187	(0.413)	0.153	0.034
149	12.42	0.87	0.187	(0.411)	0.153	0.034
150	12.50	0.87	0.187	(0.409)	0.153	0.034
151	12.58	0.93	0.202	(0.407)	0.165	0.037
152	12.67	0.93	0.202	(0.405)	0.165	0.037
153	12.75	0.93	0.202	(0.403)	0.165	0.037
154	12.83	0.97	0.209	(0.401)	0.171	0.038
155	12.92	0.97	0.209	(0.399)	0.171	0.038
156	13.00	0.97	0.209	(0.397)	0.171	0.038
157	13.08	1.13	0.245	(0.395)	0.200	0.044
158	13.17	1.13	0.245	(0.393)	0.200	0.044
159	13.25	1.13	0.245	(0.391)	0.200	0.044
160	13.33	1.13	0.245	(0.389)	0.200	0.044
161	13.42	1.13	0.245	(0.387)	0.200	0.044
162	13.50	1.13	0.245	(0.385)	0.200	0.044
163	13.58	0.77	0.166	(0.383)	0.136	0.030
164	13.67	0.77	0.166	(0.381)	0.136	0.030
165	13.75	0.77	0.166	(0.379)	0.136	0.030
166	13.83	0.77	0.166	(0.377)	0.136	0.030
167	13.92	0.77	0.166	(0.375)	0.136	0.030
168	14.00	0.77	0.166	(0.373)	0.136	0.030
169	14.08	0.90	0.194	(0.371)	0.159	0.035
170	14.17	0.90	0.194	(0.369)	0.159	0.035
171	14.25	0.90	0.194	(0.367)	0.159	0.035
172	14.33	0.87	0.187	(0.365)	0.153	0.034
173	14.42	0.87	0.187	(0.364)	0.153	0.034
174	14.50	0.87	0.187	(0.362)	0.153	0.034
175	14.58	0.87	0.187	(0.360)	0.153	0.034
176	14.67	0.87	0.187	(0.358)	0.153	0.034
177	14.75	0.87	0.187	(0.356)	0.153	0.034
178	14.83	0.83	0.180	(0.354)	0.147	0.033
179	14.92	0.83	0.180	(0.353)	0.147	0.033
180	15.00	0.83	0.180	(0.351)	0.147	0.033
181	15.08	0.80	0.173	(0.349)	0.141	0.031

182	15.17	0.80	0.173	(0.347)	0.141	0.031
183	15.25	0.80	0.173	(0.345)	0.141	0.031
184	15.33	0.77	0.166	(0.344)	0.136	0.030
185	15.42	0.77	0.166	(0.342)	0.136	0.030
186	15.50	0.77	0.166	(0.340)	0.136	0.030
187	15.58	0.63	0.137	(0.338)	0.112	0.025
188	15.67	0.63	0.137	(0.337)	0.112	0.025
189	15.75	0.63	0.137	(0.335)	0.112	0.025
190	15.83	0.63	0.137	(0.333)	0.112	0.025
191	15.92	0.63	0.137	(0.331)	0.112	0.025
192	16.00	0.63	0.137	(0.330)	0.112	0.025
193	16.08	0.13	0.029	(0.328)	0.024	0.005
194	16.17	0.13	0.029	(0.326)	0.024	0.005
195	16.25	0.13	0.029	(0.325)	0.024	0.005
196	16.33	0.13	0.029	(0.323)	0.024	0.005
197	16.42	0.13	0.029	(0.321)	0.024	0.005
198	16.50	0.13	0.029	(0.320)	0.024	0.005
199	16.58	0.10	0.022	(0.318)	0.018	0.004
200	16.67	0.10	0.022	(0.317)	0.018	0.004
201	16.75	0.10	0.022	(0.315)	0.018	0.004
202	16.83	0.10	0.022	(0.313)	0.018	0.004
203	16.92	0.10	0.022	(0.312)	0.018	0.004
204	17.00	0.10	0.022	(0.310)	0.018	0.004
205	17.08	0.17	0.036	(0.309)	0.029	0.007
206	17.17	0.17	0.036	(0.307)	0.029	0.007
207	17.25	0.17	0.036	(0.306)	0.029	0.007
208	17.33	0.17	0.036	(0.304)	0.029	0.007
209	17.42	0.17	0.036	(0.302)	0.029	0.007
210	17.50	0.17	0.036	(0.301)	0.029	0.007
211	17.58	0.17	0.036	(0.299)	0.029	0.007
212	17.67	0.17	0.036	(0.298)	0.029	0.007
213	17.75	0.17	0.036	(0.296)	0.029	0.007
214	17.83	0.13	0.029	(0.295)	0.024	0.005
215	17.92	0.13	0.029	(0.294)	0.024	0.005
216	18.00	0.13	0.029	(0.292)	0.024	0.005
217	18.08	0.13	0.029	(0.291)	0.024	0.005
218	18.17	0.13	0.029	(0.289)	0.024	0.005
219	18.25	0.13	0.029	(0.288)	0.024	0.005
220	18.33	0.13	0.029	(0.286)	0.024	0.005
221	18.42	0.13	0.029	(0.285)	0.024	0.005
222	18.50	0.13	0.029	(0.284)	0.024	0.005
223	18.58	0.10	0.022	(0.282)	0.018	0.004
224	18.67	0.10	0.022	(0.281)	0.018	0.004
225	18.75	0.10	0.022	(0.280)	0.018	0.004
226	18.83	0.07	0.014	(0.278)	0.012	0.003
227	18.92	0.07	0.014	(0.277)	0.012	0.003
228	19.00	0.07	0.014	(0.276)	0.012	0.003
229	19.08	0.10	0.022	(0.274)	0.018	0.004
230	19.17	0.10	0.022	(0.273)	0.018	0.004
231	19.25	0.10	0.022	(0.272)	0.018	0.004
232	19.33	0.13	0.029	(0.270)	0.024	0.005
233	19.42	0.13	0.029	(0.269)	0.024	0.005
234	19.50	0.13	0.029	(0.268)	0.024	0.005
235	19.58	0.10	0.022	(0.267)	0.018	0.004
236	19.67	0.10	0.022	(0.266)	0.018	0.004
237	19.75	0.10	0.022	(0.264)	0.018	0.004
238	19.83	0.07	0.014	(0.263)	0.012	0.003
239	19.92	0.07	0.014	(0.262)	0.012	0.003
240	20.00	0.07	0.014	(0.261)	0.012	0.003
241	20.08	0.10	0.022	(0.260)	0.018	0.004
242	20.17	0.10	0.022	(0.258)	0.018	0.004
243	20.25	0.10	0.022	(0.257)	0.018	0.004
244	20.33	0.10	0.022	(0.256)	0.018	0.004
245	20.42	0.10	0.022	(0.255)	0.018	0.004
246	20.50	0.10	0.022	(0.254)	0.018	0.004
247	20.58	0.10	0.022	(0.253)	0.018	0.004
248	20.67	0.10	0.022	(0.252)	0.018	0.004
249	20.75	0.10	0.022	(0.251)	0.018	0.004
250	20.83	0.07	0.014	(0.250)	0.012	0.003
251	20.92	0.07	0.014	(0.249)	0.012	0.003
252	21.00	0.07	0.014	(0.248)	0.012	0.003

1+15	0.0005	0.00	Q
1+20	0.0005	0.00	Q
1+25	0.0006	0.00	Q
1+30	0.0006	0.00	Q
1+35	0.0006	0.00	Q
1+40	0.0007	0.00	Q
1+45	0.0007	0.00	Q
1+50	0.0007	0.01	Q
1+55	0.0008	0.01	Q
2+ 0	0.0008	0.01	Q
2+ 5	0.0009	0.01	QV
2+10	0.0009	0.01	QV
2+15	0.0010	0.01	QV
2+20	0.0010	0.01	QV
2+25	0.0011	0.01	QV
2+30	0.0011	0.01	QV
2+35	0.0011	0.01	QV
2+40	0.0012	0.01	QV
2+45	0.0013	0.01	QV
2+50	0.0013	0.01	QV
2+55	0.0014	0.01	QV
3+ 0	0.0014	0.01	QV
3+ 5	0.0015	0.01	QV
3+10	0.0015	0.01	QV
3+15	0.0016	0.01	QV
3+20	0.0017	0.01	QV
3+25	0.0017	0.01	Q V
3+30	0.0018	0.01	Q V
3+35	0.0018	0.01	Q V
3+40	0.0019	0.01	Q V
3+45	0.0019	0.01	Q V
3+50	0.0020	0.01	Q V
3+55	0.0021	0.01	Q V
4+ 0	0.0021	0.01	Q V
4+ 5	0.0022	0.01	Q V
4+10	0.0023	0.01	Q V
4+15	0.0023	0.01	Q V
4+20	0.0024	0.01	Q V
4+25	0.0025	0.01	Q V
4+30	0.0026	0.01	Q V
4+35	0.0026	0.01	Q V
4+40	0.0027	0.01	Q V
4+45	0.0028	0.01	Q V
4+50	0.0029	0.01	Q V
4+55	0.0030	0.01	Q V
5+ 0	0.0031	0.01	Q V
5+ 5	0.0031	0.01	Q V
5+10	0.0032	0.01	Q V
5+15	0.0033	0.01	Q V
5+20	0.0034	0.01	Q V
5+25	0.0034	0.01	Q V
5+30	0.0035	0.01	Q V
5+35	0.0036	0.01	Q V
5+40	0.0037	0.01	Q V
5+45	0.0038	0.01	Q V
5+50	0.0039	0.01	Q V
5+55	0.0040	0.01	Q V
6+ 0	0.0040	0.01	Q V
6+ 5	0.0041	0.01	Q V
6+10	0.0042	0.01	Q V
6+15	0.0043	0.01	Q V
6+20	0.0044	0.01	Q V
6+25	0.0046	0.01	Q V
6+30	0.0047	0.01	Q V
6+35	0.0048	0.02	Q V
6+40	0.0049	0.02	Q V
6+45	0.0050	0.02	Q V
6+50	0.0051	0.02	Q V
6+55	0.0052	0.02	Q V
7+ 0	0.0053	0.02	Q V
7+ 5	0.0054	0.02	Q V

7+10	0.0055	0.02	Q	V				
7+15	0.0057	0.02	Q	V				
7+20	0.0058	0.02	Q	V				
7+25	0.0059	0.02	Q	V				
7+30	0.0060	0.02	Q	V				
7+35	0.0062	0.02	Q	V				
7+40	0.0063	0.02	Q	V				
7+45	0.0064	0.02	Q	V				
7+50	0.0066	0.02	Q	V				
7+55	0.0067	0.02	Q	V				
8+ 0	0.0069	0.02	Q	V				
8+ 5	0.0070	0.02	Q	V				
8+10	0.0072	0.02	Q	V				
8+15	0.0074	0.02	Q	V				
8+20	0.0075	0.02	Q	V				
8+25	0.0077	0.02	Q	V				
8+30	0.0079	0.02	Q	V				
8+35	0.0080	0.03	Q	V				
8+40	0.0082	0.03	Q	V				
8+45	0.0084	0.03	Q	V				
8+50	0.0086	0.03	Q	V				
8+55	0.0088	0.03	Q	V				
9+ 0	0.0090	0.03	Q	V				
9+ 5	0.0092	0.03	Q	V				
9+10	0.0094	0.03	Q	V				
9+15	0.0096	0.03	Q	V				
9+20	0.0098	0.03	Q	V				
9+25	0.0101	0.03	Q	V				
9+30	0.0103	0.03	Q	V				
9+35	0.0105	0.03	Q	V				
9+40	0.0107	0.03	Q	V				
9+45	0.0110	0.03	Q	V				
9+50	0.0112	0.04	Q	V				
9+55	0.0115	0.04	Q	V				
10+ 0	0.0117	0.04	Q	V				
10+ 5	0.0119	0.03	Q	V				
10+10	0.0121	0.02	Q	V				
10+15	0.0123	0.02	Q	V				
10+20	0.0124	0.02	Q	V				
10+25	0.0126	0.02	Q	V				
10+30	0.0128	0.02	Q	V				
10+35	0.0130	0.03	Q	V				
10+40	0.0132	0.03	Q	V				
10+45	0.0134	0.03	Q	V				
10+50	0.0136	0.03	Q	V				
10+55	0.0139	0.03	Q	V				
11+ 0	0.0141	0.03	Q	V				
11+ 5	0.0143	0.03	Q	V				
11+10	0.0145	0.03	Q	V				
11+15	0.0147	0.03	Q	V				
11+20	0.0150	0.03	Q	V				
11+25	0.0152	0.03	Q	V				
11+30	0.0154	0.03	Q	V				
11+35	0.0156	0.03	Q	V				
11+40	0.0158	0.03	Q	V				
11+45	0.0160	0.03	Q	V				
11+50	0.0162	0.03	Q	V				
11+55	0.0164	0.03	Q	V				
12+ 0	0.0166	0.03	Q	V				
12+ 5	0.0168	0.04	Q	V				
12+10	0.0171	0.04	Q	V				
12+15	0.0174	0.04	Q	V				
12+20	0.0177	0.04	Q	V				
12+25	0.0180	0.04	Q	V				
12+30	0.0183	0.04	Q	V				
12+35	0.0186	0.04	Q	V				
12+40	0.0189	0.05	Q	V				
12+45	0.0192	0.05	Q	V				
12+50	0.0195	0.05	Q	V				
12+55	0.0198	0.05	Q	V				
13+ 0	0.0202	0.05	Q	V				

13+ 5	0.0205	0.05	Q			V		
13+10	0.0209	0.06	Q			V		
13+15	0.0213	0.06	Q			V		
13+20	0.0217	0.06	Q			V		
13+25	0.0221	0.06	Q			V		
13+30	0.0224	0.06	Q			V		
13+35	0.0227	0.04	Q			V		
13+40	0.0230	0.04	Q			V		
13+45	0.0233	0.04	Q			V		
13+50	0.0235	0.04	Q			V		
13+55	0.0238	0.04	Q			V		
14+ 0	0.0240	0.04	Q			V		
14+ 5	0.0243	0.04	Q			V		
14+10	0.0246	0.04	Q			V		
14+15	0.0249	0.04	Q			V		
14+20	0.0252	0.04	Q			V		
14+25	0.0255	0.04	Q			V		
14+30	0.0258	0.04	Q			V		
14+35	0.0261	0.04	Q			V		
14+40	0.0264	0.04	Q			V		
14+45	0.0267	0.04	Q			V		
14+50	0.0270	0.04	Q			V		
14+55	0.0273	0.04	Q			V		
15+ 0	0.0275	0.04	Q			V		
15+ 5	0.0278	0.04	Q			V		
15+10	0.0281	0.04	Q			V		
15+15	0.0284	0.04	Q			V		
15+20	0.0286	0.04	Q			V		
15+25	0.0289	0.04	Q			V		
15+30	0.0291	0.04	Q			V		
15+35	0.0294	0.03	Q			V		
15+40	0.0296	0.03	Q			V		
15+45	0.0298	0.03	Q			V		
15+50	0.0300	0.03	Q			V		
15+55	0.0302	0.03	Q			V		
16+ 0	0.0304	0.03	Q			V		
16+ 5	0.0306	0.02	Q			V		
16+10	0.0306	0.01	Q			V		
16+15	0.0307	0.01	Q			V		
16+20	0.0307	0.01	Q			V		
16+25	0.0307	0.01	Q			V		
16+30	0.0308	0.01	Q			V		
16+35	0.0308	0.01	Q			V		
16+40	0.0309	0.00	Q			V		
16+45	0.0309	0.00	Q			V		
16+50	0.0309	0.00	Q			V		
16+55	0.0310	0.00	Q			V		
17+ 0	0.0310	0.00	Q			V		
17+ 5	0.0310	0.01	Q			V		
17+10	0.0311	0.01	Q			V		
17+15	0.0312	0.01	Q			V		
17+20	0.0312	0.01	Q			V		
17+25	0.0313	0.01	Q			V		
17+30	0.0313	0.01	Q			V		
17+35	0.0314	0.01	Q			V		
17+40	0.0314	0.01	Q			V		
17+45	0.0315	0.01	Q			V		
17+50	0.0315	0.01	Q			V		
17+55	0.0316	0.01	Q			V		
18+ 0	0.0316	0.01	Q			V		
18+ 5	0.0317	0.01	Q			V		
18+10	0.0317	0.01	Q			V		
18+15	0.0318	0.01	Q			V		
18+20	0.0318	0.01	Q			V		
18+25	0.0319	0.01	Q			V		
18+30	0.0319	0.01	Q			V		
18+35	0.0319	0.01	Q			V		
18+40	0.0320	0.00	Q			V		
18+45	0.0320	0.00	Q			V		
18+50	0.0320	0.00	Q			V		
18+55	0.0321	0.00	Q			V		

19+ 0	0.0321	0.00	Q				V
19+ 5	0.0321	0.00	Q				V
19+10	0.0321	0.00	Q				V
19+15	0.0322	0.00	Q				V
19+20	0.0322	0.01	Q				V
19+25	0.0323	0.01	Q				V
19+30	0.0323	0.01	Q				V
19+35	0.0323	0.01	Q				V
19+40	0.0324	0.00	Q				V
19+45	0.0324	0.00	Q				V
19+50	0.0324	0.00	Q				V
19+55	0.0325	0.00	Q				V
20+ 0	0.0325	0.00	Q				V
20+ 5	0.0325	0.00	Q				V
20+10	0.0325	0.00	Q				V
20+15	0.0326	0.00	Q				V
20+20	0.0326	0.00	Q				V
20+25	0.0326	0.00	Q				V
20+30	0.0327	0.00	Q				V
20+35	0.0327	0.00	Q				V
20+40	0.0328	0.00	Q				V
20+45	0.0328	0.00	Q				V
20+50	0.0328	0.00	Q				V
20+55	0.0328	0.00	Q				V
21+ 0	0.0329	0.00	Q				V
21+ 5	0.0329	0.00	Q				V
21+10	0.0329	0.00	Q				V
21+15	0.0330	0.00	Q				V
21+20	0.0330	0.00	Q				V
21+25	0.0330	0.00	Q				V
21+30	0.0330	0.00	Q				V
21+35	0.0331	0.00	Q				V
21+40	0.0331	0.00	Q				V
21+45	0.0331	0.00	Q				V
21+50	0.0331	0.00	Q				V
21+55	0.0332	0.00	Q				V
22+ 0	0.0332	0.00	Q				V
22+ 5	0.0332	0.00	Q				V
22+10	0.0333	0.00	Q				V
22+15	0.0333	0.00	Q				V
22+20	0.0333	0.00	Q				V
22+25	0.0333	0.00	Q				V
22+30	0.0334	0.00	Q				V
22+35	0.0334	0.00	Q				V
22+40	0.0334	0.00	Q				V
22+45	0.0334	0.00	Q				V
22+50	0.0335	0.00	Q				V
22+55	0.0335	0.00	Q				V
23+ 0	0.0335	0.00	Q				V
23+ 5	0.0335	0.00	Q				V
23+10	0.0335	0.00	Q				V
23+15	0.0336	0.00	Q				V
23+20	0.0336	0.00	Q				V
23+25	0.0336	0.00	Q				V
23+30	0.0336	0.00	Q				V
23+35	0.0337	0.00	Q				V
23+40	0.0337	0.00	Q				V
23+45	0.0337	0.00	Q				V
23+50	0.0337	0.00	Q				V
23+55	0.0337	0.00	Q				V
24+ 0	0.0338	0.00	Q				V
24+ 5	0.0338	0.00	Q				V
24+10	0.0338	0.00	Q				V

Unit Hydrograph Analysis

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Riverside County Synthetic Unit Hydrology Method
RCFC & WCD Manual date - April 1978

Program License Serial Number 6545

English (in-lb) Input Units Used
English Rainfall Data (Inches) Input Values Used

English Units used in output format

NENIFEE STAXUP STORAGE EXPANSION
PRELIMINARY DRAINAGE STUDY
EXISTING AREA P1
100-YEAR; 1-HOUR

Drainage Area = 1.24(Ac.) = 0.002 Sq. Mi.
Drainage Area for Depth-Area Areal Adjustment = 1.24(Ac.) = 0.002 Sq. Mi.
Length along longest watercourse = 434.00(Ft.)
Length along longest watercourse measured to centroid = 212.00(Ft.)
Length along longest watercourse = 0.082 Mi.
Length along longest watercourse measured to centroid = 0.040 Mi.
Difference in elevation = 7.50(Ft.)
Slope along watercourse = 91.2442 Ft./Mi.
Average Manning's 'N' = 0.020
Lag time = 0.023 Hr.
Lag time = 1.39 Min.
25% of lag time = 0.35 Min.
40% of lag time = 0.56 Min.
Unit time = 5.00 Min.
Duration of storm = 1 Hour(s)
User Entered Base Flow = 0.00(CFS)

2 YEAR Area rainfall data:

Area(Ac.)[1]	Rainfall(In)[2]	weighting[1*2]
1.24	0.50	0.62

100 YEAR Area rainfall data:

Area(Ac.)[1]	Rainfall(In)[2]	weighting[1*2]
1.24	1.25	1.55

STORM EVENT (YEAR) = 100.00
Area Averaged 2-Year Rainfall = 0.500(In)
Area Averaged 100-Year Rainfall = 1.250(In)

Point rain (area averaged) = 1.250(In)
Areal adjustment factor = 100.00 %
Adjusted average point rain = 1.250(In)

Sub-Area Data:

Area(Ac.)	Runoff Index	Impervious %
1.240	75.50	0.102
Total Area Entered =	1.24(Ac.)	

0+25	0.0222	0.87		Q	V				
0+30	0.0285	0.92		Q	V				
0+35	0.0359	1.08		Q		V			
0+40	0.0452	1.34		Q			V		
0+45	0.0588	1.97			Q			V	
0+50	0.0876	4.19					Q		V
0+55	0.1064	2.72				Q			V
1+ 0	0.1133	1.00		Q					V
1+ 5	0.1150	0.25	Q						V
1+10	0.1151	0.02	Q						V

Unit Hydrograph Analysis

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Riverside County Synthetic Unit Hydrology Method
RCFC & WCD Manual date - April 1978

Program License Serial Number 6545

English (in-lb) Input Units Used
English Rainfall Data (Inches) Input Values Used

English Units used in output format

NENIFEE STAXUP STORAGE EXPANSION
PRELIMINARY DRAINAGE STUDY
EXISTING AREA P1
100-YEAR; 3-HOUR

Drainage Area = 1.24(Ac.) = 0.002 Sq. Mi.
Drainage Area for Depth-Area Areal Adjustment = 1.24(Ac.) = 0.002 Sq. Mi.
Length along longest watercourse = 434.00(Ft.)
Length along longest watercourse measured to centroid = 212.00(Ft.)
Length along longest watercourse = 0.082 Mi.
Length along longest watercourse measured to centroid = 0.040 Mi.
Difference in elevation = 7.50(Ft.)
Slope along watercourse = 91.2442 Ft./Mi.
Average Manning's 'N' = 0.020
Lag time = 0.023 Hr.
Lag time = 1.39 Min.
25% of lag time = 0.35 Min.
40% of lag time = 0.56 Min.
Unit time = 5.00 Min.
Duration of storm = 3 Hour(s)
User Entered Base Flow = 0.00(CFS)

2 YEAR Area rainfall data:

Area(Ac.)[1]	Rainfall(In)[2]	weighting[1*2]
1.24	0.80	0.99

100 YEAR Area rainfall data:

Area(Ac.)[1]	Rainfall(In)[2]	weighting[1*2]
1.24	1.90	2.36

STORM EVENT (YEAR) = 100.00
Area Averaged 2-Year Rainfall = 0.800(In)
Area Averaged 100-Year Rainfall = 1.900(In)

Point rain (area averaged) = 1.900(In)
Areal adjustment factor = 100.00 %
Adjusted average point rain = 1.900(In)

Sub-Area Data:
Area(Ac.) Runoff Index Impervious %
1.240 75.50 0.102
Total Area Entered = 1.24(Ac.)

RI	RI	Infil. Rate	Impervious	Adj. Infil. Rate	Area%	F
AMC2	AMC-3	(In/Hr)	(Dec.%)	(In/Hr)	(Dec.)	(In/Hr)
75.5	88.3	0.149	0.102	0.136	1.000	0.136
						Sum (F) = 0.136

Area averaged mean soil loss (F) (In/Hr) = 0.136
 Minimum soil loss rate ((In/Hr)) = 0.068
 (for 24 hour storm duration)
 Soil loss rate (decimal) = 0.818

U n i t H y d r o g r a p h
 VALLEY S-Curve

Unit Hydrograph Data

Unit time period (hrs)	Time % of lag	Distribution Graph %	Unit Hydrograph (CFS)
1	0.083	358.893	62.026
2	0.167	717.785	34.085
3	0.250	1076.678	3.890
		Sum = 100.000	Sum= 1.250

The following loss rate calculations reflect use of the minimum calculated loss rate subtracted from the Storm Rain to produce the maximum Effective Rain value

Unit Time (Hr.)	Pattern Percent	Storm Rain (In/Hr)	Loss rate(In./Hr)		Effective (In/Hr)
			Max	Low	
1	0.08	1.30	0.296	(0.136)	0.161
2	0.17	1.30	0.296	(0.136)	0.161
3	0.25	1.10	0.251	(0.136)	0.115
4	0.33	1.50	0.342	(0.136)	0.206
5	0.42	1.50	0.342	(0.136)	0.206
6	0.50	1.80	0.410	(0.136)	0.275
7	0.58	1.50	0.342	(0.136)	0.206
8	0.67	1.80	0.410	(0.136)	0.275
9	0.75	1.80	0.410	(0.136)	0.275
10	0.83	1.50	0.342	(0.136)	0.206
11	0.92	1.60	0.365	(0.136)	0.229
12	1.00	1.80	0.410	(0.136)	0.275
13	1.08	2.20	0.502	(0.136)	0.366
14	1.17	2.20	0.502	(0.136)	0.366
15	1.25	2.20	0.502	(0.136)	0.366
16	1.33	2.00	0.456	(0.136)	0.320
17	1.42	2.60	0.593	(0.136)	0.457
18	1.50	2.70	0.616	(0.136)	0.480
19	1.58	2.40	0.547	(0.136)	0.412
20	1.67	2.70	0.616	(0.136)	0.480
21	1.75	3.30	0.752	(0.136)	0.617
22	1.83	3.10	0.707	(0.136)	0.571
23	1.92	2.90	0.661	(0.136)	0.526
24	2.00	3.00	0.684	(0.136)	0.548
25	2.08	3.10	0.707	(0.136)	0.571
26	2.17	4.20	0.958	(0.136)	0.822
27	2.25	5.00	1.140	(0.136)	1.004
28	2.33	3.50	0.798	(0.136)	0.662
29	2.42	6.80	1.550	(0.136)	1.415
30	2.50	7.30	1.664	(0.136)	1.529
31	2.58	8.20	1.870	(0.136)	1.734
32	2.67	5.90	1.345	(0.136)	1.210
33	2.75	2.00	0.456	(0.136)	0.320
34	2.83	1.80	0.410	(0.136)	0.275
35	2.92	1.80	0.410	(0.136)	0.275
36	3.00	0.60	0.137	(0.136)	0.025

(Loss Rate Not Used)

Sum = 100.0

Sum = 17.9

Flood volume = Effective rainfall

1.49(In)

times area 1.2(Ac.)/[(In)/(Ft.)] = 0.2(Ac.Ft)
 Total soil loss = 0.41(In)
 Total soil loss = 0.042(Ac.Ft)
 Total rainfall = 1.90(In)
 Flood volume = 6729.1 Cubic Feet
 Total soil loss = 1823.1 Cubic Feet

 Peak flow rate of this hydrograph = 2.065(CFS)

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3 - H O U R S T O R M
 R u n o f f H y d r o g r a p h

 Hydrograph in 5 Minute intervals ((CFS))

Time(h+m)	Volume Ac.Ft	Q(CFS)	0	2.5	5.0	7.5	10.0
0+ 5	0.0009	0.12	Q				
0+10	0.0022	0.19	Q				
0+15	0.0033	0.17	Q				
0+20	0.0048	0.22	QV				
0+25	0.0066	0.25	Q				
0+30	0.0087	0.31	QV				
0+35	0.0107	0.29	QV				
0+40	0.0129	0.31	Q V				
0+45	0.0152	0.34	Q V				
0+50	0.0172	0.29	Q V				
0+55	0.0191	0.28	Q V				
1+ 0	0.0213	0.32	Q V				
1+ 5	0.0242	0.41	Q V				
1+10	0.0273	0.45	Q V				
1+15	0.0304	0.46	Q V				
1+20	0.0333	0.42	Q V				
1+25	0.0368	0.51	Q V				
1+30	0.0409	0.58	Q V				
1+35	0.0446	0.55	Q V				
1+40	0.0486	0.57	Q V				
1+45	0.0534	0.70	Q V				
1+50	0.0584	0.73	Q V				
1+55	0.0631	0.68	Q V				
2+ 0	0.0678	0.68	Q V				
2+ 5	0.0726	0.70	Q V				
2+10	0.0789	0.91	Q V				
2+15	0.0868	1.16	Q V				
2+20	0.0936	0.98	Q V				
2+25	0.1034	1.43	Q V				
2+30	0.1160	1.82	Q V				
2+35	0.1302	2.07	Q V				
2+40	0.1422	1.75	Q V				
2+45	0.1481	0.85	Q V				
2+50	0.1509	0.41	Q V				
2+55	0.1533	0.35	Q V				
3+ 0	0.1543	0.15	Q V				
3+ 5	0.1545	0.02	Q V				
3+10	0.1545	0.00	Q V				

Unit Hydrograph Analysis

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Riverside County Synthetic Unit Hydrology Method
RCFC & WCD Manual date - April 1978

Program License Serial Number 6545

English (in-lb) Input Units Used
English Rainfall Data (Inches) Input Values Used

English Units used in output format

NENIFEE STAXUP STORAGE EXPANSION
PRELIMINARY DRAINAGE STUDY
EXISTING AREA P1
100-YEAR; 6-HOUR

Drainage Area = 1.24(Ac.) = 0.002 Sq. Mi.
Drainage Area for Depth-Area Areal Adjustment = 1.24(Ac.) = 0.002 Sq. Mi.
Length along longest watercourse = 434.00(Ft.)
Length along longest watercourse measured to centroid = 212.00(Ft.)
Length along longest watercourse = 0.082 Mi.
Length along longest watercourse measured to centroid = 0.040 Mi.
Difference in elevation = 7.50(Ft.)
Slope along watercourse = 91.2442 Ft./Mi.
Average Manning's 'N' = 0.020
Lag time = 0.023 Hr.
Lag time = 1.39 Min.
25% of lag time = 0.35 Min.
40% of lag time = 0.56 Min.
Unit time = 5.00 Min.
Duration of storm = 6 Hour(s)
User Entered Base Flow = 0.00(CFS)

2 YEAR Area rainfall data:

Area(Ac.)[1]	Rainfall(In)[2]	weighting[1*2]
1.24	1.10	1.36

100 YEAR Area rainfall data:

Area(Ac.)[1]	Rainfall(In)[2]	weighting[1*2]
1.24	2.50	3.10

STORM EVENT (YEAR) = 100.00
Area Averaged 2-Year Rainfall = 1.100(In)
Area Averaged 100-Year Rainfall = 2.500(In)

Point rain (area averaged) = 2.500(In)
Areal adjustment factor = 100.00 %
Adjusted average point rain = 2.500(In)

Sub-Area Data:

Area(Ac.)	Runoff Index	Impervious %
1.240	75.50	0.102
Total Area Entered =	1.24(Ac.)	

RI	RI	Infil. Rate	Impervious	Adj. Infil. Rate	Area%	F
AMC2	AMC-3	(In/Hr)	(Dec.%)	(In/Hr)	(Dec.)	(In/Hr)
75.5	88.3	0.149	0.102	0.136	1.000	0.136
						Sum (F) = 0.136

Area averaged mean soil loss (F) (In/Hr) = 0.136

Minimum soil loss rate ((In/Hr)) = 0.068

(for 24 hour storm duration)

Soil loss rate (decimal) = 0.818

U n i t H y d r o g r a p h
VALLEY S-Curve

Unit Hydrograph Data

Unit time period (hrs)	Time % of lag	Distribution Graph %	Unit Hydrograph (CFS)
1	0.083	358.893	62.026
2	0.167	717.785	34.085
3	0.250	1076.678	3.890
		Sum = 100.000	Sum= 1.250

The following loss rate calculations reflect use of the minimum calculated loss rate subtracted from the Storm Rain to produce the maximum Effective Rain value

Unit Time (Hr.)	Pattern Percent	Storm Rain (In/Hr)	Loss rate(In./Hr)		Effective (In/Hr)
			Max	Low	
1	0.08	0.150	(0.136)	0.123	0.027
2	0.17	0.180	0.136	(0.147)	0.044
3	0.25	0.180	0.136	(0.147)	0.044
4	0.33	0.180	0.136	(0.147)	0.044
5	0.42	0.180	0.136	(0.147)	0.044
6	0.50	0.210	0.136	(0.172)	0.074
7	0.58	0.210	0.136	(0.172)	0.074
8	0.67	0.210	0.136	(0.172)	0.074
9	0.75	0.210	0.136	(0.172)	0.074
10	0.83	0.210	0.136	(0.172)	0.074
11	0.92	0.210	0.136	(0.172)	0.074
12	1.00	0.240	0.136	(0.196)	0.104
13	1.08	0.240	0.136	(0.196)	0.104
14	1.17	0.240	0.136	(0.196)	0.104
15	1.25	0.240	0.136	(0.196)	0.104
16	1.33	0.240	0.136	(0.196)	0.104
17	1.42	0.240	0.136	(0.196)	0.104
18	1.50	0.240	0.136	(0.196)	0.104
19	1.58	0.240	0.136	(0.196)	0.104
20	1.67	0.240	0.136	(0.196)	0.104
21	1.75	0.240	0.136	(0.196)	0.104
22	1.83	0.240	0.136	(0.196)	0.104
23	1.92	0.240	0.136	(0.196)	0.104
24	2.00	0.270	0.136	(0.221)	0.134
25	2.08	0.240	0.136	(0.196)	0.104
26	2.17	0.270	0.136	(0.221)	0.134
27	2.25	0.270	0.136	(0.221)	0.134
28	2.33	0.270	0.136	(0.221)	0.134
29	2.42	0.270	0.136	(0.221)	0.134
30	2.50	0.270	0.136	(0.221)	0.134
31	2.58	0.270	0.136	(0.221)	0.134
32	2.67	0.270	0.136	(0.221)	0.134
33	2.75	0.300	0.136	(0.246)	0.164
34	2.83	0.300	0.136	(0.246)	0.164
35	2.92	0.300	0.136	(0.246)	0.164
36	3.00	0.300	0.136	(0.246)	0.164
37	3.08	0.300	0.136	(0.246)	0.164
38	3.17	0.330	0.136	(0.270)	0.194
39	3.25	0.330	0.136	(0.270)	0.194

1+30	0.0115	0.13	Q V				
1+35	0.0124	0.13	Q V				
1+40	0.0133	0.13	Q V				
1+45	0.0142	0.13	Q V				
1+50	0.0151	0.13	Q V				
1+55	0.0160	0.13	Q V				
2+ 0	0.0171	0.15	Q V				
2+ 5	0.0181	0.14	Q V				
2+10	0.0191	0.16	Q V				
2+15	0.0203	0.17	Q V				
2+20	0.0214	0.17	Q V				
2+25	0.0226	0.17	Q V				
2+30	0.0237	0.17	Q V				
2+35	0.0249	0.17	Q V				
2+40	0.0261	0.17	Q V				
2+45	0.0274	0.19	Q V				
2+50	0.0288	0.20	Q V				
2+55	0.0302	0.21	Q V				
3+ 0	0.0316	0.21	Q V				
3+ 5	0.0330	0.21	Q V				
3+10	0.0346	0.23	Q V				
3+15	0.0363	0.24	Q V				
3+20	0.0379	0.24	Q V				
3+25	0.0398	0.27	Q V				
3+30	0.0418	0.30	Q V				
3+35	0.0442	0.34	Q V				
3+40	0.0466	0.35	Q V				
3+45	0.0492	0.38	Q V				
3+50	0.0519	0.39	Q V				
3+55	0.0548	0.42	Q V				
4+ 0	0.0578	0.43	Q V				
4+ 5	0.0609	0.45	Q V				
4+10	0.0643	0.49	Q V				
4+15	0.0679	0.53	Q V				
4+20	0.0718	0.56	Q V				
4+25	0.0759	0.60	Q V				
4+30	0.0802	0.62	Q V				
4+35	0.0846	0.64	Q V				
4+40	0.0893	0.68	Q V				
4+45	0.0942	0.71	Q V				
4+50	0.0992	0.73	Q V				
4+55	0.1044	0.75	Q V				
5+ 0	0.1098	0.79	Q V				
5+ 5	0.1162	0.92	Q V				
5+10	0.1238	1.10	Q V				
5+15	0.1323	1.24	Q V				
5+20	0.1417	1.36	Q V				
5+25	0.1521	1.52	Q V				
5+30	0.1645	1.80	Q V				
5+35	0.1718	1.06	Q V				
5+40	0.1743	0.36	Q V				
5+45	0.1751	0.11	Q V				
5+50	0.1754	0.05	Q V				
5+55	0.1756	0.03	Q V				
6+ 0	0.1757	0.02	Q V				
6+ 5	0.1757	0.01	Q V				
6+10	0.1757	0.00	Q V				

Unit Hydrograph Analysis

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Study date 01/19/23 File: P124100.out

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Riverside County Synthetic Unit Hydrology Method
RCFC & WCD Manual date - April 1978

Program License Serial Number 6545

English (in-lb) Input Units Used
English Rainfall Data (Inches) Input Values Used

English Units used in output format

NENIFEE STAXUP STORAGE EXPANSION
PRELIMINARY DRAINAGE STUDY
EXISTING AREA P1
100-YEAR; 24-HOUR

Drainage Area = 1.24(Ac.) = 0.002 Sq. Mi.
Drainage Area for Depth-Area Areal Adjustment = 1.24(Ac.) = 0.002 Sq. Mi.
Length along longest watercourse = 434.00(Ft.)
Length along longest watercourse measured to centroid = 212.00(Ft.)
Length along longest watercourse = 0.082 Mi.
Length along longest watercourse measured to centroid = 0.040 Mi.
Difference in elevation = 7.50(Ft.)
Slope along watercourse = 91.2442 Ft./Mi.
Average Manning's 'N' = 0.020
Lag time = 0.023 Hr.
Lag time = 1.39 Min.
25% of lag time = 0.35 Min.
40% of lag time = 0.56 Min.
Unit time = 5.00 Min.
Duration of storm = 24 Hour(s)
User Entered Base Flow = 0.00(CFS)

2 YEAR Area rainfall data:

Area(Ac.)[1]	Rainfall(In)[2]	weighting[1*2]
1.24	1.80	2.23

100 YEAR Area rainfall data:

Area(Ac.)[1]	Rainfall(In)[2]	weighting[1*2]
1.24	4.90	6.08

STORM EVENT (YEAR) = 100.00
Area Averaged 2-Year Rainfall = 1.800(In)
Area Averaged 100-Year Rainfall = 4.900(In)

Point rain (area averaged) = 4.900(In)
Areal adjustment factor = 100.00 %
Adjusted average point rain = 4.900(In)

Sub-Area Data:

Area(Ac.)	Runoff Index	Impervious %
1.240	75.50	0.102
Total Area Entered =	1.24(Ac.)	

RI	RI	Infil. Rate	Impervious	Adj. Infil. Rate	Area%	F
AMC2	AMC-3	(In/Hr)	(Dec.%)	(In/Hr)	(Dec.)	(In/Hr)
75.5	88.3	0.149	0.102	0.136	1.000	0.136
						Sum (F) = 0.136

Area averaged mean soil loss (F) (In/Hr) = 0.136

Minimum soil loss rate ((In/Hr)) = 0.068

(for 24 hour storm duration)

Soil loss rate (decimal) = 0.818

U n i t H y d r o g r a p h
VALLEY S-Curve

Unit Hydrograph Data

Unit time period (hrs)	Time % of lag	Distribution Graph %	Unit Hydrograph (CFS)
1	0.083	358.893	62.026
2	0.167	717.785	34.085
3	0.250	1076.678	3.890
		Sum = 100.000	Sum= 1.250

The following loss rate calculations reflect use of the minimum calculated loss rate subtracted from the Storm Rain to produce the maximum Effective Rain value

Unit Time (Hr.)	Pattern Percent	Storm Rain (In/Hr)	Loss rate(In./Hr)		Effective (In/Hr)
			Max	Low	
1	0.08	0.039	(0.240)	0.032	0.007
2	0.17	0.039	(0.240)	0.032	0.007
3	0.25	0.039	(0.239)	0.032	0.007
4	0.33	0.059	(0.238)	0.048	0.011
5	0.42	0.059	(0.237)	0.048	0.011
6	0.50	0.059	(0.236)	0.048	0.011
7	0.58	0.059	(0.235)	0.048	0.011
8	0.67	0.059	(0.234)	0.048	0.011
9	0.75	0.059	(0.233)	0.048	0.011
10	0.83	0.078	(0.232)	0.064	0.014
11	0.92	0.078	(0.231)	0.064	0.014
12	1.00	0.078	(0.230)	0.064	0.014
13	1.08	0.059	(0.229)	0.048	0.011
14	1.17	0.059	(0.229)	0.048	0.011
15	1.25	0.059	(0.228)	0.048	0.011
16	1.33	0.059	(0.227)	0.048	0.011
17	1.42	0.059	(0.226)	0.048	0.011
18	1.50	0.059	(0.225)	0.048	0.011
19	1.58	0.059	(0.224)	0.048	0.011
20	1.67	0.059	(0.223)	0.048	0.011
21	1.75	0.059	(0.222)	0.048	0.011
22	1.83	0.078	(0.221)	0.064	0.014
23	1.92	0.078	(0.220)	0.064	0.014
24	2.00	0.078	(0.220)	0.064	0.014
25	2.08	0.078	(0.219)	0.064	0.014
26	2.17	0.078	(0.218)	0.064	0.014
27	2.25	0.078	(0.217)	0.064	0.014
28	2.33	0.078	(0.216)	0.064	0.014
29	2.42	0.078	(0.215)	0.064	0.014
30	2.50	0.078	(0.214)	0.064	0.014
31	2.58	0.098	(0.213)	0.080	0.018
32	2.67	0.098	(0.213)	0.080	0.018
33	2.75	0.098	(0.212)	0.080	0.018
34	2.83	0.098	(0.211)	0.080	0.018
35	2.92	0.098	(0.210)	0.080	0.018
36	3.00	0.098	(0.209)	0.080	0.018
37	3.08	0.098	(0.208)	0.080	0.018
38	3.17	0.098	(0.207)	0.080	0.018
39	3.25	0.098	(0.206)	0.080	0.018

40	3.33	0.17	0.098	(0.206)	0.080	0.018
41	3.42	0.17	0.098	(0.205)	0.080	0.018
42	3.50	0.17	0.098	(0.204)	0.080	0.018
43	3.58	0.17	0.098	(0.203)	0.080	0.018
44	3.67	0.17	0.098	(0.202)	0.080	0.018
45	3.75	0.17	0.098	(0.201)	0.080	0.018
46	3.83	0.20	0.118	(0.200)	0.096	0.021
47	3.92	0.20	0.118	(0.200)	0.096	0.021
48	4.00	0.20	0.118	(0.199)	0.096	0.021
49	4.08	0.20	0.118	(0.198)	0.096	0.021
50	4.17	0.20	0.118	(0.197)	0.096	0.021
51	4.25	0.20	0.118	(0.196)	0.096	0.021
52	4.33	0.23	0.137	(0.195)	0.112	0.025
53	4.42	0.23	0.137	(0.195)	0.112	0.025
54	4.50	0.23	0.137	(0.194)	0.112	0.025
55	4.58	0.23	0.137	(0.193)	0.112	0.025
56	4.67	0.23	0.137	(0.192)	0.112	0.025
57	4.75	0.23	0.137	(0.191)	0.112	0.025
58	4.83	0.27	0.157	(0.190)	0.128	0.028
59	4.92	0.27	0.157	(0.190)	0.128	0.028
60	5.00	0.27	0.157	(0.189)	0.128	0.028
61	5.08	0.20	0.118	(0.188)	0.096	0.021
62	5.17	0.20	0.118	(0.187)	0.096	0.021
63	5.25	0.20	0.118	(0.186)	0.096	0.021
64	5.33	0.23	0.137	(0.186)	0.112	0.025
65	5.42	0.23	0.137	(0.185)	0.112	0.025
66	5.50	0.23	0.137	(0.184)	0.112	0.025
67	5.58	0.27	0.157	(0.183)	0.128	0.028
68	5.67	0.27	0.157	(0.182)	0.128	0.028
69	5.75	0.27	0.157	(0.181)	0.128	0.028
70	5.83	0.27	0.157	(0.181)	0.128	0.028
71	5.92	0.27	0.157	(0.180)	0.128	0.028
72	6.00	0.27	0.157	(0.179)	0.128	0.028
73	6.08	0.30	0.176	(0.178)	0.144	0.032
74	6.17	0.30	0.176	(0.177)	0.144	0.032
75	6.25	0.30	0.176	(0.177)	0.144	0.032
76	6.33	0.30	0.176	(0.176)	0.144	0.032
77	6.42	0.30	0.176	(0.175)	0.144	0.032
78	6.50	0.30	0.176	(0.174)	0.144	0.032
79	6.58	0.33	0.196	(0.174)	0.160	0.036
80	6.67	0.33	0.196	(0.173)	0.160	0.036
81	6.75	0.33	0.196	(0.172)	0.160	0.036
82	6.83	0.33	0.196	(0.171)	0.160	0.036
83	6.92	0.33	0.196	(0.170)	0.160	0.036
84	7.00	0.33	0.196	(0.170)	0.160	0.036
85	7.08	0.33	0.196	(0.169)	0.160	0.036
86	7.17	0.33	0.196	(0.168)	0.160	0.036
87	7.25	0.33	0.196	(0.167)	0.160	0.036
88	7.33	0.37	0.216	0.167 (0.176)		0.049
89	7.42	0.37	0.216	0.166 (0.176)		0.050
90	7.50	0.37	0.216	0.165 (0.176)		0.051
91	7.58	0.40	0.235	0.164 (0.192)		0.071
92	7.67	0.40	0.235	0.164 (0.192)		0.072
93	7.75	0.40	0.235	0.163 (0.192)		0.072
94	7.83	0.43	0.255	0.162 (0.209)		0.093
95	7.92	0.43	0.255	0.161 (0.209)		0.093
96	8.00	0.43	0.255	0.161 (0.209)		0.094
97	8.08	0.50	0.294	0.160 (0.241)		0.134
98	8.17	0.50	0.294	0.159 (0.241)		0.135
99	8.25	0.50	0.294	0.158 (0.241)		0.136
100	8.33	0.50	0.294	0.158 (0.241)		0.136
101	8.42	0.50	0.294	0.157 (0.241)		0.137
102	8.50	0.50	0.294	0.156 (0.241)		0.138
103	8.58	0.53	0.314	0.155 (0.257)		0.158
104	8.67	0.53	0.314	0.155 (0.257)		0.159
105	8.75	0.53	0.314	0.154 (0.257)		0.160
106	8.83	0.57	0.333	0.153 (0.273)		0.180
107	8.92	0.57	0.333	0.152 (0.273)		0.181
108	9.00	0.57	0.333	0.152 (0.273)		0.181
109	9.08	0.63	0.372	0.151 (0.305)		0.221
110	9.17	0.63	0.372	0.150 (0.305)		0.222

111	9.25	0.63	0.372	0.150	(0.305)	0.223
112	9.33	0.67	0.392	0.149	(0.321)	0.243
113	9.42	0.67	0.392	0.148	(0.321)	0.244
114	9.50	0.67	0.392	0.147	(0.321)	0.245
115	9.58	0.70	0.412	0.147	(0.337)	0.265
116	9.67	0.70	0.412	0.146	(0.337)	0.266
117	9.75	0.70	0.412	0.145	(0.337)	0.266
118	9.83	0.73	0.431	0.145	(0.353)	0.287
119	9.92	0.73	0.431	0.144	(0.353)	0.287
120	10.00	0.73	0.431	0.143	(0.353)	0.288
121	10.08	0.50	0.294	0.143	(0.241)	0.151
122	10.17	0.50	0.294	0.142	(0.241)	0.152
123	10.25	0.50	0.294	0.141	(0.241)	0.153
124	10.33	0.50	0.294	0.141	(0.241)	0.153
125	10.42	0.50	0.294	0.140	(0.241)	0.154
126	10.50	0.50	0.294	0.139	(0.241)	0.155
127	10.58	0.67	0.392	0.138	(0.321)	0.254
128	10.67	0.67	0.392	0.138	(0.321)	0.254
129	10.75	0.67	0.392	0.137	(0.321)	0.255
130	10.83	0.67	0.392	0.136	(0.321)	0.256
131	10.92	0.67	0.392	0.136	(0.321)	0.256
132	11.00	0.67	0.392	0.135	(0.321)	0.257
133	11.08	0.63	0.372	0.134	(0.305)	0.238
134	11.17	0.63	0.372	0.134	(0.305)	0.239
135	11.25	0.63	0.372	0.133	(0.305)	0.239
136	11.33	0.63	0.372	0.132	(0.305)	0.240
137	11.42	0.63	0.372	0.132	(0.305)	0.241
138	11.50	0.63	0.372	0.131	(0.305)	0.241
139	11.58	0.57	0.333	0.130	(0.273)	0.203
140	11.67	0.57	0.333	0.130	(0.273)	0.203
141	11.75	0.57	0.333	0.129	(0.273)	0.204
142	11.83	0.60	0.353	0.129	(0.289)	0.224
143	11.92	0.60	0.353	0.128	(0.289)	0.225
144	12.00	0.60	0.353	0.127	(0.289)	0.226
145	12.08	0.83	0.490	0.127	(0.401)	0.363
146	12.17	0.83	0.490	0.126	(0.401)	0.364
147	12.25	0.83	0.490	0.125	(0.401)	0.365
148	12.33	0.87	0.510	0.125	(0.417)	0.385
149	12.42	0.87	0.510	0.124	(0.417)	0.385
150	12.50	0.87	0.510	0.123	(0.417)	0.386
151	12.58	0.93	0.549	0.123	(0.449)	0.426
152	12.67	0.93	0.549	0.122	(0.449)	0.427
153	12.75	0.93	0.549	0.122	(0.449)	0.427
154	12.83	0.97	0.568	0.121	(0.465)	0.447
155	12.92	0.97	0.568	0.120	(0.465)	0.448
156	13.00	0.97	0.568	0.120	(0.465)	0.449
157	13.08	1.13	0.666	0.119	(0.545)	0.547
158	13.17	1.13	0.666	0.119	(0.545)	0.548
159	13.25	1.13	0.666	0.118	(0.545)	0.548
160	13.33	1.13	0.666	0.117	(0.545)	0.549
161	13.42	1.13	0.666	0.117	(0.545)	0.550
162	13.50	1.13	0.666	0.116	(0.545)	0.550
163	13.58	0.77	0.451	0.116	(0.369)	0.335
164	13.67	0.77	0.451	0.115	(0.369)	0.336
165	13.75	0.77	0.451	0.114	(0.369)	0.336
166	13.83	0.77	0.451	0.114	(0.369)	0.337
167	13.92	0.77	0.451	0.113	(0.369)	0.338
168	14.00	0.77	0.451	0.113	(0.369)	0.338
169	14.08	0.90	0.529	0.112	(0.433)	0.417
170	14.17	0.90	0.529	0.112	(0.433)	0.418
171	14.25	0.90	0.529	0.111	(0.433)	0.418
172	14.33	0.87	0.510	0.110	(0.417)	0.399
173	14.42	0.87	0.510	0.110	(0.417)	0.400
174	14.50	0.87	0.510	0.109	(0.417)	0.400
175	14.58	0.87	0.510	0.109	(0.417)	0.401
176	14.67	0.87	0.510	0.108	(0.417)	0.401
177	14.75	0.87	0.510	0.108	(0.417)	0.402
178	14.83	0.83	0.490	0.107	(0.401)	0.383
179	14.92	0.83	0.490	0.107	(0.401)	0.383
180	15.00	0.83	0.490	0.106	(0.401)	0.384
181	15.08	0.80	0.470	0.105	(0.385)	0.365

182	15.17	0.80	0.470	0.105	(0.385)	0.366
183	15.25	0.80	0.470	0.104	(0.385)	0.366
184	15.33	0.77	0.451	0.104	(0.369)	0.347
185	15.42	0.77	0.451	0.103	(0.369)	0.348
186	15.50	0.77	0.451	0.103	(0.369)	0.348
187	15.58	0.63	0.372	0.102	(0.305)	0.270
188	15.67	0.63	0.372	0.102	(0.305)	0.271
189	15.75	0.63	0.372	0.101	(0.305)	0.271
190	15.83	0.63	0.372	0.101	(0.305)	0.272
191	15.92	0.63	0.372	0.100	(0.305)	0.272
192	16.00	0.63	0.372	0.100	(0.305)	0.273
193	16.08	0.13	0.078	(0.099)	0.064	0.014
194	16.17	0.13	0.078	(0.099)	0.064	0.014
195	16.25	0.13	0.078	(0.098)	0.064	0.014
196	16.33	0.13	0.078	(0.098)	0.064	0.014
197	16.42	0.13	0.078	(0.097)	0.064	0.014
198	16.50	0.13	0.078	(0.097)	0.064	0.014
199	16.58	0.10	0.059	(0.096)	0.048	0.011
200	16.67	0.10	0.059	(0.096)	0.048	0.011
201	16.75	0.10	0.059	(0.095)	0.048	0.011
202	16.83	0.10	0.059	(0.095)	0.048	0.011
203	16.92	0.10	0.059	(0.094)	0.048	0.011
204	17.00	0.10	0.059	(0.094)	0.048	0.011
205	17.08	0.17	0.098	(0.093)	0.080	0.018
206	17.17	0.17	0.098	(0.093)	0.080	0.018
207	17.25	0.17	0.098	(0.092)	0.080	0.018
208	17.33	0.17	0.098	(0.092)	0.080	0.018
209	17.42	0.17	0.098	(0.091)	0.080	0.018
210	17.50	0.17	0.098	(0.091)	0.080	0.018
211	17.58	0.17	0.098	(0.090)	0.080	0.018
212	17.67	0.17	0.098	(0.090)	0.080	0.018
213	17.75	0.17	0.098	(0.090)	0.080	0.018
214	17.83	0.13	0.078	(0.089)	0.064	0.014
215	17.92	0.13	0.078	(0.089)	0.064	0.014
216	18.00	0.13	0.078	(0.088)	0.064	0.014
217	18.08	0.13	0.078	(0.088)	0.064	0.014
218	18.17	0.13	0.078	(0.087)	0.064	0.014
219	18.25	0.13	0.078	(0.087)	0.064	0.014
220	18.33	0.13	0.078	(0.087)	0.064	0.014
221	18.42	0.13	0.078	(0.086)	0.064	0.014
222	18.50	0.13	0.078	(0.086)	0.064	0.014
223	18.58	0.10	0.059	(0.085)	0.048	0.011
224	18.67	0.10	0.059	(0.085)	0.048	0.011
225	18.75	0.10	0.059	(0.084)	0.048	0.011
226	18.83	0.07	0.039	(0.084)	0.032	0.007
227	18.92	0.07	0.039	(0.084)	0.032	0.007
228	19.00	0.07	0.039	(0.083)	0.032	0.007
229	19.08	0.10	0.059	(0.083)	0.048	0.011
230	19.17	0.10	0.059	(0.082)	0.048	0.011
231	19.25	0.10	0.059	(0.082)	0.048	0.011
232	19.33	0.13	0.078	(0.082)	0.064	0.014
233	19.42	0.13	0.078	(0.081)	0.064	0.014
234	19.50	0.13	0.078	(0.081)	0.064	0.014
235	19.58	0.10	0.059	(0.081)	0.048	0.011
236	19.67	0.10	0.059	(0.080)	0.048	0.011
237	19.75	0.10	0.059	(0.080)	0.048	0.011
238	19.83	0.07	0.039	(0.079)	0.032	0.007
239	19.92	0.07	0.039	(0.079)	0.032	0.007
240	20.00	0.07	0.039	(0.079)	0.032	0.007
241	20.08	0.10	0.059	(0.078)	0.048	0.011
242	20.17	0.10	0.059	(0.078)	0.048	0.011
243	20.25	0.10	0.059	(0.078)	0.048	0.011
244	20.33	0.10	0.059	(0.077)	0.048	0.011
245	20.42	0.10	0.059	(0.077)	0.048	0.011
246	20.50	0.10	0.059	(0.077)	0.048	0.011
247	20.58	0.10	0.059	(0.076)	0.048	0.011
248	20.67	0.10	0.059	(0.076)	0.048	0.011
249	20.75	0.10	0.059	(0.076)	0.048	0.011
250	20.83	0.07	0.039	(0.075)	0.032	0.007
251	20.92	0.07	0.039	(0.075)	0.032	0.007
252	21.00	0.07	0.039	(0.075)	0.032	0.007

1+15	0.0013	0.01	Q
1+20	0.0014	0.01	Q
1+25	0.0015	0.01	Q
1+30	0.0016	0.01	Q
1+35	0.0017	0.01	Q
1+40	0.0018	0.01	Q
1+45	0.0019	0.01	Q
1+50	0.0020	0.02	Q
1+55	0.0021	0.02	Q
2+ 0	0.0022	0.02	Q
2+ 5	0.0024	0.02	Q
2+10	0.0025	0.02	Q
2+15	0.0026	0.02	Q
2+20	0.0027	0.02	Q
2+25	0.0029	0.02	Q
2+30	0.0030	0.02	Q
2+35	0.0031	0.02	Q
2+40	0.0033	0.02	Q
2+45	0.0034	0.02	Q
2+50	0.0036	0.02	Q
2+55	0.0037	0.02	Q
3+ 0	0.0039	0.02	Q
3+ 5	0.0040	0.02	Q
3+10	0.0042	0.02	Q
3+15	0.0043	0.02	Q
3+20	0.0045	0.02	Q
3+25	0.0047	0.02	Q
3+30	0.0048	0.02	Q
3+35	0.0050	0.02	Q
3+40	0.0051	0.02	Q
3+45	0.0053	0.02	Q
3+50	0.0054	0.03	Q
3+55	0.0056	0.03	Q
4+ 0	0.0058	0.03	Q
4+ 5	0.0060	0.03	Q
4+10	0.0062	0.03	Q
4+15	0.0064	0.03	Q
4+20	0.0066	0.03	Q
4+25	0.0068	0.03	Q
4+30	0.0070	0.03	QV
4+35	0.0072	0.03	QV
4+40	0.0074	0.03	QV
4+45	0.0076	0.03	QV
4+50	0.0079	0.03	QV
4+55	0.0081	0.04	QV
5+ 0	0.0084	0.04	QV
5+ 5	0.0086	0.03	QV
5+10	0.0088	0.03	QV
5+15	0.0089	0.03	QV
5+20	0.0091	0.03	QV
5+25	0.0094	0.03	QV
5+30	0.0096	0.03	QV
5+35	0.0098	0.03	QV
5+40	0.0100	0.04	QV
5+45	0.0103	0.04	QV
5+50	0.0105	0.04	QV
5+55	0.0108	0.04	QV
6+ 0	0.0110	0.04	QV
6+ 5	0.0113	0.04	QV
6+10	0.0116	0.04	QV
6+15	0.0118	0.04	QV
6+20	0.0121	0.04	QV
6+25	0.0124	0.04	QV
6+30	0.0127	0.04	QV
6+35	0.0130	0.04	QV
6+40	0.0133	0.04	QV
6+45	0.0136	0.04	QV
6+50	0.0139	0.04	QV
6+55	0.0142	0.04	Q V
7+ 0	0.0145	0.04	Q V
7+ 5	0.0148	0.04	Q V

7+10	0.0151	0.04	Q V				
7+15	0.0154	0.04	Q V				
7+20	0.0158	0.05	Q V				
7+25	0.0162	0.06	Q V				
7+30	0.0166	0.06	Q V				
7+35	0.0172	0.08	Q V				
7+40	0.0178	0.09	Q V				
7+45	0.0184	0.09	Q V				
7+50	0.0191	0.11	Q V				
7+55	0.0199	0.12	Q V				
8+ 0	0.0208	0.12	Q V				
8+ 5	0.0218	0.15	Q V				
8+10	0.0229	0.17	Q V				
8+15	0.0241	0.17	Q V				
8+20	0.0253	0.17	Q V				
8+25	0.0264	0.17	Q V				
8+30	0.0276	0.17	Q V				
8+35	0.0289	0.19	Q V				
8+40	0.0303	0.20	Q V				
8+45	0.0317	0.20	Q V				
8+50	0.0331	0.22	Q V				
8+55	0.0347	0.22	Q V				
9+ 0	0.0362	0.23	Q V				
9+ 5	0.0380	0.26	Q V				
9+10	0.0399	0.28	Q V				
9+15	0.0418	0.28	Q V				
9+20	0.0439	0.29	Q V				
9+25	0.0459	0.30	Q V				
9+30	0.0480	0.31	Q V				
9+35	0.0503	0.32	Q V				
9+40	0.0525	0.33	Q V				
9+45	0.0548	0.33	Q V				
9+50	0.0572	0.35	Q V				
9+55	0.0597	0.36	Q V				
10+ 0	0.0622	0.36	Q V				
10+ 5	0.0639	0.25	Q V				
10+10	0.0653	0.20	Q V				
10+15	0.0666	0.19	Q V				
10+20	0.0679	0.19	Q V				
10+25	0.0692	0.19	Q V				
10+30	0.0706	0.19	Q V				
10+35	0.0724	0.27	Q V				
10+40	0.0746	0.31	Q V				
10+45	0.0768	0.32	Q V				
10+50	0.0790	0.32	Q V				
10+55	0.0812	0.32	Q V				
11+ 0	0.0834	0.32	Q V				
11+ 5	0.0855	0.31	Q V				
11+10	0.0876	0.30	Q V				
11+15	0.0896	0.30	Q V				
11+20	0.0917	0.30	Q V				
11+25	0.0937	0.30	Q V				
11+30	0.0958	0.30	Q V				
11+35	0.0977	0.27	Q V				
11+40	0.0995	0.26	Q V				
11+45	0.1012	0.25	Q V				
11+50	0.1031	0.27	Q V				
11+55	0.1050	0.28	Q V				
12+ 0	0.1069	0.28	Q V				
12+ 5	0.1096	0.39	Q V				
12+10	0.1127	0.45	Q V				
12+15	0.1158	0.46	Q V				
12+20	0.1191	0.47	Q V				
12+25	0.1224	0.48	Q V				
12+30	0.1257	0.48	Q V				
12+35	0.1293	0.51	Q V				
12+40	0.1329	0.53	Q V				
12+45	0.1366	0.53	Q V				
12+50	0.1404	0.55	Q V				
12+55	0.1442	0.56	Q V				
13+ 0	0.1481	0.56	Q V				

13+ 5	0.1525	0.64	Q		V		
13+10	0.1572	0.68	Q		V		
13+15	0.1619	0.69	Q		V		
13+20	0.1666	0.69	Q		V		
13+25	0.1713	0.69	Q		V		
13+30	0.1761	0.69	Q		V		
13+35	0.1797	0.52	Q		V		
13+40	0.1826	0.43	Q		V		
13+45	0.1855	0.42	Q		V		
13+50	0.1884	0.42	Q		V		
13+55	0.1913	0.42	Q		V		
14+ 0	0.1942	0.42	Q		V		
14+ 5	0.1976	0.48	Q		V		
14+10	0.2011	0.52	Q		V		
14+15	0.2047	0.52	Q		V		
14+20	0.2082	0.51	Q		V		
14+25	0.2117	0.50	Q		V		
14+30	0.2151	0.50	Q		V		
14+35	0.2186	0.50	Q		V		
14+40	0.2220	0.50	Q		V		
14+45	0.2255	0.50	Q		V		
14+50	0.2288	0.49	Q		V		
14+55	0.2322	0.48	Q		V		
15+ 0	0.2355	0.48	Q		V		
15+ 5	0.2387	0.47	Q		V		
15+10	0.2418	0.46	Q		V		
15+15	0.2450	0.46	Q		V		
15+20	0.2480	0.44	Q		V		
15+25	0.2510	0.44	Q		V		
15+30	0.2540	0.43	Q		V		
15+35	0.2566	0.37	Q		V		
15+40	0.2589	0.34	Q		V		
15+45	0.2613	0.34	Q		V		
15+50	0.2636	0.34	Q		V		
15+55	0.2660	0.34	Q		V		
16+ 0	0.2683	0.34	Q		V		
16+ 5	0.2693	0.14	Q		V		
16+10	0.2695	0.03	Q		V		
16+15	0.2696	0.02	Q		V		
16+20	0.2697	0.02	Q		V		
16+25	0.2699	0.02	Q		V		
16+30	0.2700	0.02	Q		V		
16+35	0.2701	0.02	Q		V		
16+40	0.2702	0.01	Q		V		
16+45	0.2703	0.01	Q		V		
16+50	0.2704	0.01	Q		V		
16+55	0.2704	0.01	Q		V		
17+ 0	0.2705	0.01	Q		V		
17+ 5	0.2707	0.02	Q		V		
17+10	0.2708	0.02	Q		V		
17+15	0.2710	0.02	Q		V		
17+20	0.2711	0.02	Q		V		
17+25	0.2713	0.02	Q		V		
17+30	0.2714	0.02	Q		V		
17+35	0.2716	0.02	Q		V		
17+40	0.2717	0.02	Q		V		
17+45	0.2719	0.02	Q		V		
17+50	0.2720	0.02	Q		V		
17+55	0.2721	0.02	Q		V		
18+ 0	0.2723	0.02	Q		V		
18+ 5	0.2724	0.02	Q		V		
18+10	0.2725	0.02	Q		V		
18+15	0.2726	0.02	Q		V		
18+20	0.2728	0.02	Q		V		
18+25	0.2729	0.02	Q		V		
18+30	0.2730	0.02	Q		V		
18+35	0.2731	0.02	Q		V		
18+40	0.2732	0.01	Q		V		
18+45	0.2733	0.01	Q		V		
18+50	0.2734	0.01	Q		V		
18+55	0.2734	0.01	Q		V		

19+ 0	0.2735	0.01	Q				V
19+ 5	0.2736	0.01	Q				V
19+10	0.2737	0.01	Q				V
19+15	0.2738	0.01	Q				V
19+20	0.2739	0.02	Q				V
19+25	0.2740	0.02	Q				V
19+30	0.2741	0.02	Q				V
19+35	0.2742	0.02	Q				V
19+40	0.2743	0.01	Q				V
19+45	0.2744	0.01	Q				V
19+50	0.2745	0.01	Q				V
19+55	0.2745	0.01	Q				V
20+ 0	0.2746	0.01	Q				V
20+ 5	0.2747	0.01	Q				V
20+10	0.2748	0.01	Q				V
20+15	0.2749	0.01	Q				V
20+20	0.2750	0.01	Q				V
20+25	0.2750	0.01	Q				V
20+30	0.2751	0.01	Q				V
20+35	0.2752	0.01	Q				V
20+40	0.2753	0.01	Q				V
20+45	0.2754	0.01	Q				V
20+50	0.2755	0.01	Q				V
20+55	0.2755	0.01	Q				V
21+ 0	0.2756	0.01	Q				V
21+ 5	0.2757	0.01	Q				V
21+10	0.2758	0.01	Q				V
21+15	0.2759	0.01	Q				V
21+20	0.2759	0.01	Q				V
21+25	0.2760	0.01	Q				V
21+30	0.2761	0.01	Q				V
21+35	0.2761	0.01	Q				V
21+40	0.2762	0.01	Q				V
21+45	0.2763	0.01	Q				V
21+50	0.2764	0.01	Q				V
21+55	0.2765	0.01	Q				V
22+ 0	0.2765	0.01	Q				V
22+ 5	0.2766	0.01	Q				V
22+10	0.2767	0.01	Q				V
22+15	0.2768	0.01	Q				V
22+20	0.2769	0.01	Q				V
22+25	0.2769	0.01	Q				V
22+30	0.2770	0.01	Q				V
22+35	0.2770	0.01	Q				V
22+40	0.2771	0.01	Q				V
22+45	0.2772	0.01	Q				V
22+50	0.2772	0.01	Q				V
22+55	0.2773	0.01	Q				V
23+ 0	0.2774	0.01	Q				V
23+ 5	0.2774	0.01	Q				V
23+10	0.2775	0.01	Q				V
23+15	0.2775	0.01	Q				V
23+20	0.2776	0.01	Q				V
23+25	0.2777	0.01	Q				V
23+30	0.2777	0.01	Q				V
23+35	0.2778	0.01	Q				V
23+40	0.2778	0.01	Q				V
23+45	0.2779	0.01	Q				V
23+50	0.2780	0.01	Q				V
23+55	0.2780	0.01	Q				V
24+ 0	0.2781	0.01	Q				V
24+ 5	0.2781	0.00	Q				V
24+10	0.2781	0.00	Q				V

Unit Hydrograph Analysis

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Riverside County Synthetic Unit Hydrology Method
RCFC & WCD Manual date - April 1978

Program License Serial Number 6545

English (in-lb) Input Units Used
English Rainfall Data (Inches) Input Values Used

English Units used in output format

NENIFEE STAXUP STORAGE EXPANSION
PRELIMINARY DRAINAGE STUDY
EXISTING AREA P2
2-YEAR; 1-HOUR

Drainage Area = 0.16(Ac.) = 0.000 Sq. Mi.
Drainage Area for Depth-Area Areal Adjustment = 0.16(Ac.) = 0.000 Sq. Mi.
Length along longest watercourse = 116.00(Ft.)
Length along longest watercourse measured to centroid = 58.00(Ft.)
Length along longest watercourse = 0.022 Mi.
Length along longest watercourse measured to centroid = 0.011 Mi.
Difference in elevation = 2.30(Ft.)
Slope along watercourse = 104.6897 Ft./Mi.
Average Manning's 'N' = 0.020
Lag time = 0.008 Hr.
Lag time = 0.50 Min.
25% of lag time = 0.13 Min.
40% of lag time = 0.20 Min.
Unit time = 5.00 Min.
Duration of storm = 1 Hour(s)
User Entered Base Flow = 0.00(CFS)

2 YEAR Area rainfall data:

Area(Ac.)[1]	Rainfall(In)[2]	weighting[1*2]
0.16	0.50	0.08

100 YEAR Area rainfall data:

Area(Ac.)[1]	Rainfall(In)[2]	weighting[1*2]
0.16	1.25	0.20

STORM EVENT (YEAR) = 2.00
Area Averaged 2-Year Rainfall = 0.500(In)
Area Averaged 100-Year Rainfall = 1.250(In)

Point rain (area averaged) = 0.500(In)
Areal adjustment factor = 100.00 %
Adjusted average point rain = 0.500(In)

Sub-Area Data:

Area(Ac.)	Runoff Index	Impervious %
0.160	78.00	0.000
Total Area Entered = 0.16(Ac.)		

0+35	0.0002	0.01	Q	V				
0+40	0.0003	0.01	Q	V				
0+45	0.0007	0.05	Q			V		
0+50	0.0021	0.21	Q					V
0+55	0.0022	0.01	Q					V
1+ 0	0.0022	0.00	Q					V

Unit Hydrograph Analysis

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Study date 10/31/22 File: P232.out

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Riverside County Synthetic Unit Hydrology Method
RCFC & WCD Manual date - April 1978

Program License Serial Number 6545

English (in-lb) Input Units Used
English Rainfall Data (Inches) Input Values Used

English Units used in output format

NENIFEE STAXUP STORAGE EXPANSION
PRELIMINARY DRAINAGE STUDY
EXISTING AREA P2
2-YEAR; 3-HOUR

Drainage Area = 0.16(Ac.) = 0.000 Sq. Mi.
Drainage Area for Depth-Area Areal Adjustment = 0.16(Ac.) = 0.000 Sq. Mi.
Length along longest watercourse = 116.00(Ft.)
Length along longest watercourse measured to centroid = 58.00(Ft.)
Length along longest watercourse = 0.022 Mi.
Length along longest watercourse measured to centroid = 0.011 Mi.
Difference in elevation = 2.30(Ft.)
Slope along watercourse = 104.6897 Ft./Mi.
Average Manning's 'N' = 0.020
Lag time = 0.008 Hr.
Lag time = 0.50 Min.
25% of lag time = 0.13 Min.
40% of lag time = 0.20 Min.
Unit time = 5.00 Min.
Duration of storm = 3 Hour(s)
User Entered Base Flow = 0.00(CFS)

2 YEAR Area rainfall data:

Area(Ac.)[1]	Rainfall(In)[2]	weighting[1*2]
0.16	0.80	0.13

100 YEAR Area rainfall data:

Area(Ac.)[1]	Rainfall(In)[2]	weighting[1*2]
0.16	1.90	0.30

STORM EVENT (YEAR) = 2.00
Area Averaged 2-Year Rainfall = 0.800(In)
Area Averaged 100-Year Rainfall = 1.900(In)

Point rain (area averaged) = 0.800(In)
Areal adjustment factor = 100.00 %
Adjusted average point rain = 0.800(In)

Sub-Area Data:

Area(Ac.)	Runoff Index	Impervious %
0.160	78.00	0.000
Total Area Entered =	0.16(Ac.)	

Total soil loss = 0.009(Ac.Ft)
 Total rainfall = 0.80(In)
 Flood volume = 74.7 Cubic Feet
 Total soil loss = 390.0 Cubic Feet

 Peak flow rate of this hydrograph = 0.052(CFS)

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3 - H O U R S T O R M
 R u n o f f H y d r o g r a p h

 Hydrograph in 5 Minute intervals ((CFS))

Time(h+m)	Volume Ac.Ft	Q(CFS)	0	2.5	5.0	7.5	10.0
0+ 5	0.0000	0.00	Q				
0+10	0.0000	0.00	Q				
0+15	0.0000	0.00	Q				
0+20	0.0001	0.00	QV				
0+25	0.0001	0.00	QV				
0+30	0.0001	0.00	Q V				
0+35	0.0001	0.00	Q V				
0+40	0.0001	0.00	Q V				
0+45	0.0001	0.00	Q V				
0+50	0.0002	0.00	Q V				
0+55	0.0002	0.00	Q V				
1+ 0	0.0002	0.00	Q V				
1+ 5	0.0002	0.00	Q V				
1+10	0.0002	0.00	Q V				
1+15	0.0003	0.00	Q V				
1+20	0.0003	0.00	Q V				
1+25	0.0003	0.00	Q V				
1+30	0.0003	0.00	Q V				
1+35	0.0004	0.00	Q V				
1+40	0.0004	0.00	Q V				
1+45	0.0004	0.01	Q V				
1+50	0.0005	0.00	Q V				
1+55	0.0005	0.00	Q V				
2+ 0	0.0005	0.00	Q V				
2+ 5	0.0006	0.00	Q V				
2+10	0.0006	0.01	Q V				
2+15	0.0007	0.01	Q V				
2+20	0.0007	0.01	Q V				
2+25	0.0009	0.03	Q V				
2+30	0.0012	0.04	Q V				
2+35	0.0015	0.05	Q V				
2+40	0.0016	0.02	Q V				
2+45	0.0017	0.00	Q V				
2+50	0.0017	0.00	Q V				
2+55	0.0017	0.00	Q V				
3+ 0	0.0017	0.00	Q V				

Unit Hydrograph Analysis

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Study date 10/31/22 File: P262.out

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Riverside County Synthetic Unit Hydrology Method
RCFC & WCD Manual date - April 1978

Program License Serial Number 6545

English (in-lb) Input Units Used
English Rainfall Data (Inches) Input Values Used

English Units used in output format

NENIFEE STAXUP STORAGE EXPANSION
PRELIMINARY DRAINAGE STUDY
EXISTING AREA P2
2-YEAR; 6-HOUR

Drainage Area = 0.16(Ac.) = 0.000 Sq. Mi.
Drainage Area for Depth-Area Areal Adjustment = 0.16(Ac.) = 0.000 Sq. Mi.
Length along longest watercourse = 116.00(Ft.)
Length along longest watercourse measured to centroid = 58.00(Ft.)
Length along longest watercourse = 0.022 Mi.
Length along longest watercourse measured to centroid = 0.011 Mi.
Difference in elevation = 2.30(Ft.)
Slope along watercourse = 104.6897 Ft./Mi.
Average Manning's 'N' = 0.020
Lag time = 0.008 Hr.
Lag time = 0.50 Min.
25% of lag time = 0.13 Min.
40% of lag time = 0.20 Min.
Unit time = 5.00 Min.
Duration of storm = 6 Hour(s)
User Entered Base Flow = 0.00(CFS)

2 YEAR Area rainfall data:

Area(Ac.)[1]	Rainfall(In)[2]	weighting[1*2]
0.16	1.10	0.18

100 YEAR Area rainfall data:

Area(Ac.)[1]	Rainfall(In)[2]	weighting[1*2]
0.16	2.50	0.40

STORM EVENT (YEAR) = 2.00
Area Averaged 2-Year Rainfall = 1.100(In)
Area Averaged 100-Year Rainfall = 2.500(In)

Point rain (area averaged) = 1.100(In)
Areal adjustment factor = 100.00 %
Adjusted average point rain = 1.100(In)

Sub-Area Data:
Area(Ac.) Runoff Index Impervious %
0.160 78.00 0.000
Total Area Entered = 0.16(Ac.)

RI	RI	Infil. Rate	Impervious	Adj. Infil. Rate	Area%	F
AMC2	AMC-1	(In/Hr)	(Dec.%)	(In/Hr)	(Dec.)	(In/Hr)
78.0	60.6	0.464	0.000	0.464	1.000	0.464
						Sum (F) = 0.464

Area averaged mean soil loss (F) (In/Hr) = 0.464
 Minimum soil loss rate ((In/Hr)) = 0.232
 (for 24 hour storm duration)
 Soil loss rate (decimal) = 0.900

 U n i t H y d r o g r a p h
 VALLEY S-Curve

Unit Hydrograph Data

Unit time period (hrs)	Time % of lag	Distribution Graph %	Unit Hydrograph (CFS)
1	0.083	995.324	0.161
		Sum = 100.000	Sum= 0.161

The following loss rate calculations reflect use of the minimum calculated loss rate subtracted from the Storm Rain to produce the maximum Effective Rain value

Unit Time (Hr.)	Pattern Percent	Storm Rain (In/Hr)	Loss rate(In./Hr)		Effective (In/Hr)
			Max	Low	
1	0.08	0.50	(0.464)	0.059	0.007
2	0.17	0.60	(0.464)	0.071	0.008
3	0.25	0.60	(0.464)	0.071	0.008
4	0.33	0.60	(0.464)	0.071	0.008
5	0.42	0.60	(0.464)	0.071	0.008
6	0.50	0.70	(0.464)	0.083	0.009
7	0.58	0.70	(0.464)	0.083	0.009
8	0.67	0.70	(0.464)	0.083	0.009
9	0.75	0.70	(0.464)	0.083	0.009
10	0.83	0.70	(0.464)	0.083	0.009
11	0.92	0.70	(0.464)	0.083	0.009
12	1.00	0.80	(0.464)	0.095	0.011
13	1.08	0.80	(0.464)	0.095	0.011
14	1.17	0.80	(0.464)	0.095	0.011
15	1.25	0.80	(0.464)	0.095	0.011
16	1.33	0.80	(0.464)	0.095	0.011
17	1.42	0.80	(0.464)	0.095	0.011
18	1.50	0.80	(0.464)	0.095	0.011
19	1.58	0.80	(0.464)	0.095	0.011
20	1.67	0.80	(0.464)	0.095	0.011
21	1.75	0.80	(0.464)	0.095	0.011
22	1.83	0.80	(0.464)	0.095	0.011
23	1.92	0.80	(0.464)	0.095	0.011
24	2.00	0.90	(0.464)	0.107	0.012
25	2.08	0.80	(0.464)	0.095	0.011
26	2.17	0.90	(0.464)	0.107	0.012
27	2.25	0.90	(0.464)	0.107	0.012
28	2.33	0.90	(0.464)	0.107	0.012
29	2.42	0.90	(0.464)	0.107	0.012
30	2.50	0.90	(0.464)	0.107	0.012
31	2.58	0.90	(0.464)	0.107	0.012
32	2.67	0.90	(0.464)	0.107	0.012
33	2.75	1.00	(0.464)	0.119	0.013
34	2.83	1.00	(0.464)	0.119	0.013
35	2.92	1.00	(0.464)	0.119	0.013
36	3.00	1.00	(0.464)	0.119	0.013
37	3.08	1.00	(0.464)	0.119	0.013
38	3.17	1.10	(0.464)	0.131	0.015
39	3.25	1.10	(0.464)	0.131	0.015
40	3.33	1.10	(0.464)	0.131	0.015
41	3.42	1.20	(0.464)	0.143	0.016

1+40	0.0002	0.00	Q	V				
1+45	0.0002	0.00	Q	V				
1+50	0.0002	0.00	Q	V				
1+55	0.0002	0.00	Q	V				
2+ 0	0.0003	0.00	Q	V				
2+ 5	0.0003	0.00	Q	V				
2+10	0.0003	0.00	Q	V				
2+15	0.0003	0.00	Q	V				
2+20	0.0003	0.00	Q	V				
2+25	0.0003	0.00	Q	V				
2+30	0.0003	0.00	Q	V				
2+35	0.0003	0.00	Q	V				
2+40	0.0004	0.00	Q	V				
2+45	0.0004	0.00	Q	V				
2+50	0.0004	0.00	Q	V				
2+55	0.0004	0.00	Q	V				
3+ 0	0.0004	0.00	Q	V				
3+ 5	0.0004	0.00	Q	V				
3+10	0.0005	0.00	Q	V				
3+15	0.0005	0.00	Q	V				
3+20	0.0005	0.00	Q	V				
3+25	0.0005	0.00	Q	V				
3+30	0.0005	0.00	Q	V				
3+35	0.0005	0.00	Q	V				
3+40	0.0006	0.00	Q	V				
3+45	0.0006	0.00	Q	V				
3+50	0.0006	0.00	Q	V				
3+55	0.0006	0.00	Q	V				
4+ 0	0.0007	0.00	Q	V				
4+ 5	0.0007	0.00	Q	V				
4+10	0.0007	0.00	Q	V				
4+15	0.0007	0.00	Q	V				
4+20	0.0008	0.00	Q	V				
4+25	0.0008	0.00	Q	V				
4+30	0.0008	0.00	Q	V				
4+35	0.0009	0.00	Q	V				
4+40	0.0009	0.00	Q	V				
4+45	0.0009	0.01	Q	V				
4+50	0.0010	0.01	Q	V				
4+55	0.0010	0.01	Q	V				
5+ 0	0.0010	0.01	Q	V				
5+ 5	0.0011	0.01	Q	V				
5+10	0.0011	0.01	Q	V				
5+15	0.0012	0.01	Q	V				
5+20	0.0013	0.01	Q	V				
5+25	0.0015	0.03	Q	V				
5+30	0.0018	0.04	Q	V				
5+35	0.0018	0.00	Q	V				
5+40	0.0018	0.00	Q	V				
5+45	0.0018	0.00	Q	V				
5+50	0.0018	0.00	Q	V				
5+55	0.0018	0.00	Q	V				
6+ 0	0.0018	0.00	Q	V				

Unit Hydrograph Analysis

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Study date 10/31/22 File: P2242.out

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Riverside County Synthetic Unit Hydrology Method
RCFC & WCD Manual date - April 1978

Program License Serial Number 6545

English (in-lb) Input Units Used
English Rainfall Data (Inches) Input Values Used

English Units used in output format

NENIFEE STAXUP STORAGE EXPANSION
PRELIMINARY DRAINAGE STUDY
EXISTING AREA P2
2-YEAR; 24-HOUR

Drainage Area = 0.16(Ac.) = 0.000 Sq. Mi.
Drainage Area for Depth-Area Areal Adjustment = 0.16(Ac.) = 0.000 Sq. Mi.
Length along longest watercourse = 116.00(Ft.)
Length along longest watercourse measured to centroid = 58.00(Ft.)
Length along longest watercourse = 0.022 Mi.
Length along longest watercourse measured to centroid = 0.011 Mi.
Difference in elevation = 2.30(Ft.)
Slope along watercourse = 104.6897 Ft./Mi.
Average Manning's 'N' = 0.020
Lag time = 0.008 Hr.
Lag time = 0.50 Min.
25% of lag time = 0.13 Min.
40% of lag time = 0.20 Min.
Unit time = 5.00 Min.
Duration of storm = 24 Hour(s)
User Entered Base Flow = 0.00(CFS)

2 YEAR Area rainfall data:

Area(Ac.)[1]	Rainfall(In)[2]	weighting[1*2]
0.16	1.80	0.29

100 YEAR Area rainfall data:

Area(Ac.)[1]	Rainfall(In)[2]	weighting[1*2]
0.16	4.90	0.78

STORM EVENT (YEAR) = 2.00
Area Averaged 2-Year Rainfall = 1.800(In)
Area Averaged 100-Year Rainfall = 4.900(In)

Point rain (area averaged) = 1.800(In)
Areal adjustment factor = 100.00 %
Adjusted average point rain = 1.800(In)

Sub-Area Data:

Area(Ac.)	Runoff Index	Impervious %
0.160	78.00	0.000
Total Area Entered = 0.16(Ac.)		

RI	RI	Infil. Rate	Impervious	Adj. Infil. Rate	Area%	F
AMC2	AMC-1	(In/Hr)	(Dec.%)	(In/Hr)	(Dec.)	(In/Hr)
78.0	60.6	0.464	0.000	0.464	1.000	0.464
						Sum (F) = 0.464

Area averaged mean soil loss (F) (In/Hr) = 0.464

Minimum soil loss rate ((In/Hr)) = 0.232

(for 24 hour storm duration)

Soil loss rate (decimal) = 0.900

U n i t H y d r o g r a p h
VALLEY S-Curve

Unit Hydrograph Data

Unit time period (hrs)	Time % of lag	Distribution Graph %	Unit Hydrograph (CFS)
1	0.083	995.324	0.161
		Sum = 100.000	Sum= 0.161

The following loss rate calculations reflect use of the minimum calculated loss rate subtracted from the Storm Rain to produce the maximum Effective Rain value

Unit Time (Hr.)	Pattern Percent	Storm Rain (In/Hr)	Loss rate(In./Hr)		Effective (In/Hr)
			Max	Low	
1	0.08	0.07	(0.822)	0.013	0.001
2	0.17	0.07	(0.819)	0.013	0.001
3	0.25	0.07	(0.815)	0.013	0.001
4	0.33	0.10	(0.812)	0.019	0.002
5	0.42	0.10	(0.809)	0.019	0.002
6	0.50	0.10	(0.806)	0.019	0.002
7	0.58	0.10	(0.803)	0.019	0.002
8	0.67	0.10	(0.800)	0.019	0.002
9	0.75	0.10	(0.796)	0.019	0.002
10	0.83	0.13	(0.793)	0.026	0.003
11	0.92	0.13	(0.790)	0.026	0.003
12	1.00	0.13	(0.787)	0.026	0.003
13	1.08	0.10	(0.784)	0.019	0.002
14	1.17	0.10	(0.781)	0.019	0.002
15	1.25	0.10	(0.778)	0.019	0.002
16	1.33	0.10	(0.775)	0.019	0.002
17	1.42	0.10	(0.772)	0.019	0.002
18	1.50	0.10	(0.769)	0.019	0.002
19	1.58	0.10	(0.765)	0.019	0.002
20	1.67	0.10	(0.762)	0.019	0.002
21	1.75	0.10	(0.759)	0.019	0.002
22	1.83	0.13	(0.756)	0.026	0.003
23	1.92	0.13	(0.753)	0.026	0.003
24	2.00	0.13	(0.750)	0.026	0.003
25	2.08	0.13	(0.747)	0.026	0.003
26	2.17	0.13	(0.744)	0.026	0.003
27	2.25	0.13	(0.741)	0.026	0.003
28	2.33	0.13	(0.738)	0.026	0.003
29	2.42	0.13	(0.735)	0.026	0.003
30	2.50	0.13	(0.732)	0.026	0.003
31	2.58	0.17	(0.729)	0.032	0.004
32	2.67	0.17	(0.726)	0.032	0.004
33	2.75	0.17	(0.723)	0.032	0.004
34	2.83	0.17	(0.720)	0.032	0.004
35	2.92	0.17	(0.717)	0.032	0.004
36	3.00	0.17	(0.714)	0.032	0.004
37	3.08	0.17	(0.711)	0.032	0.004
38	3.17	0.17	(0.708)	0.032	0.004
39	3.25	0.17	(0.705)	0.032	0.004
40	3.33	0.17	(0.702)	0.032	0.004
41	3.42	0.17	(0.699)	0.032	0.004

42	3.50	0.17	0.036	(0.697)	0.032	0.004
43	3.58	0.17	0.036	(0.694)	0.032	0.004
44	3.67	0.17	0.036	(0.691)	0.032	0.004
45	3.75	0.17	0.036	(0.688)	0.032	0.004
46	3.83	0.20	0.043	(0.685)	0.039	0.004
47	3.92	0.20	0.043	(0.682)	0.039	0.004
48	4.00	0.20	0.043	(0.679)	0.039	0.004
49	4.08	0.20	0.043	(0.676)	0.039	0.004
50	4.17	0.20	0.043	(0.673)	0.039	0.004
51	4.25	0.20	0.043	(0.670)	0.039	0.004
52	4.33	0.23	0.050	(0.668)	0.045	0.005
53	4.42	0.23	0.050	(0.665)	0.045	0.005
54	4.50	0.23	0.050	(0.662)	0.045	0.005
55	4.58	0.23	0.050	(0.659)	0.045	0.005
56	4.67	0.23	0.050	(0.656)	0.045	0.005
57	4.75	0.23	0.050	(0.653)	0.045	0.005
58	4.83	0.27	0.058	(0.651)	0.052	0.006
59	4.92	0.27	0.058	(0.648)	0.052	0.006
60	5.00	0.27	0.058	(0.645)	0.052	0.006
61	5.08	0.20	0.043	(0.642)	0.039	0.004
62	5.17	0.20	0.043	(0.639)	0.039	0.004
63	5.25	0.20	0.043	(0.637)	0.039	0.004
64	5.33	0.23	0.050	(0.634)	0.045	0.005
65	5.42	0.23	0.050	(0.631)	0.045	0.005
66	5.50	0.23	0.050	(0.628)	0.045	0.005
67	5.58	0.27	0.058	(0.626)	0.052	0.006
68	5.67	0.27	0.058	(0.623)	0.052	0.006
69	5.75	0.27	0.058	(0.620)	0.052	0.006
70	5.83	0.27	0.058	(0.617)	0.052	0.006
71	5.92	0.27	0.058	(0.615)	0.052	0.006
72	6.00	0.27	0.058	(0.612)	0.052	0.006
73	6.08	0.30	0.065	(0.609)	0.058	0.006
74	6.17	0.30	0.065	(0.606)	0.058	0.006
75	6.25	0.30	0.065	(0.604)	0.058	0.006
76	6.33	0.30	0.065	(0.601)	0.058	0.006
77	6.42	0.30	0.065	(0.598)	0.058	0.006
78	6.50	0.30	0.065	(0.596)	0.058	0.006
79	6.58	0.33	0.072	(0.593)	0.065	0.007
80	6.67	0.33	0.072	(0.590)	0.065	0.007
81	6.75	0.33	0.072	(0.588)	0.065	0.007
82	6.83	0.33	0.072	(0.585)	0.065	0.007
83	6.92	0.33	0.072	(0.582)	0.065	0.007
84	7.00	0.33	0.072	(0.580)	0.065	0.007
85	7.08	0.33	0.072	(0.577)	0.065	0.007
86	7.17	0.33	0.072	(0.574)	0.065	0.007
87	7.25	0.33	0.072	(0.572)	0.065	0.007
88	7.33	0.37	0.079	(0.569)	0.071	0.008
89	7.42	0.37	0.079	(0.567)	0.071	0.008
90	7.50	0.37	0.079	(0.564)	0.071	0.008
91	7.58	0.40	0.086	(0.561)	0.078	0.009
92	7.67	0.40	0.086	(0.559)	0.078	0.009
93	7.75	0.40	0.086	(0.556)	0.078	0.009
94	7.83	0.43	0.094	(0.554)	0.084	0.009
95	7.92	0.43	0.094	(0.551)	0.084	0.009
96	8.00	0.43	0.094	(0.549)	0.084	0.009
97	8.08	0.50	0.108	(0.546)	0.097	0.011
98	8.17	0.50	0.108	(0.543)	0.097	0.011
99	8.25	0.50	0.108	(0.541)	0.097	0.011
100	8.33	0.50	0.108	(0.538)	0.097	0.011
101	8.42	0.50	0.108	(0.536)	0.097	0.011
102	8.50	0.50	0.108	(0.533)	0.097	0.011
103	8.58	0.53	0.115	(0.531)	0.104	0.012
104	8.67	0.53	0.115	(0.528)	0.104	0.012
105	8.75	0.53	0.115	(0.526)	0.104	0.012
106	8.83	0.57	0.122	(0.523)	0.110	0.012
107	8.92	0.57	0.122	(0.521)	0.110	0.012
108	9.00	0.57	0.122	(0.518)	0.110	0.012
109	9.08	0.63	0.137	(0.516)	0.123	0.014
110	9.17	0.63	0.137	(0.514)	0.123	0.014
111	9.25	0.63	0.137	(0.511)	0.123	0.014
112	9.33	0.67	0.144	(0.509)	0.130	0.014

113	9.42	0.67	0.144	(0.506)	0.130	0.014
114	9.50	0.67	0.144	(0.504)	0.130	0.014
115	9.58	0.70	0.151	(0.501)	0.136	0.015
116	9.67	0.70	0.151	(0.499)	0.136	0.015
117	9.75	0.70	0.151	(0.497)	0.136	0.015
118	9.83	0.73	0.158	(0.494)	0.143	0.016
119	9.92	0.73	0.158	(0.492)	0.143	0.016
120	10.00	0.73	0.158	(0.489)	0.143	0.016
121	10.08	0.50	0.108	(0.487)	0.097	0.011
122	10.17	0.50	0.108	(0.485)	0.097	0.011
123	10.25	0.50	0.108	(0.482)	0.097	0.011
124	10.33	0.50	0.108	(0.480)	0.097	0.011
125	10.42	0.50	0.108	(0.478)	0.097	0.011
126	10.50	0.50	0.108	(0.475)	0.097	0.011
127	10.58	0.67	0.144	(0.473)	0.130	0.014
128	10.67	0.67	0.144	(0.471)	0.130	0.014
129	10.75	0.67	0.144	(0.468)	0.130	0.014
130	10.83	0.67	0.144	(0.466)	0.130	0.014
131	10.92	0.67	0.144	(0.464)	0.130	0.014
132	11.00	0.67	0.144	(0.462)	0.130	0.014
133	11.08	0.63	0.137	(0.459)	0.123	0.014
134	11.17	0.63	0.137	(0.457)	0.123	0.014
135	11.25	0.63	0.137	(0.455)	0.123	0.014
136	11.33	0.63	0.137	(0.453)	0.123	0.014
137	11.42	0.63	0.137	(0.450)	0.123	0.014
138	11.50	0.63	0.137	(0.448)	0.123	0.014
139	11.58	0.57	0.122	(0.446)	0.110	0.012
140	11.67	0.57	0.122	(0.444)	0.110	0.012
141	11.75	0.57	0.122	(0.441)	0.110	0.012
142	11.83	0.60	0.130	(0.439)	0.117	0.013
143	11.92	0.60	0.130	(0.437)	0.117	0.013
144	12.00	0.60	0.130	(0.435)	0.117	0.013
145	12.08	0.83	0.180	(0.433)	0.162	0.018
146	12.17	0.83	0.180	(0.431)	0.162	0.018
147	12.25	0.83	0.180	(0.428)	0.162	0.018
148	12.33	0.87	0.187	(0.426)	0.168	0.019
149	12.42	0.87	0.187	(0.424)	0.168	0.019
150	12.50	0.87	0.187	(0.422)	0.168	0.019
151	12.58	0.93	0.202	(0.420)	0.181	0.020
152	12.67	0.93	0.202	(0.418)	0.181	0.020
153	12.75	0.93	0.202	(0.416)	0.181	0.020
154	12.83	0.97	0.209	(0.413)	0.188	0.021
155	12.92	0.97	0.209	(0.411)	0.188	0.021
156	13.00	0.97	0.209	(0.409)	0.188	0.021
157	13.08	1.13	0.245	(0.407)	0.220	0.024
158	13.17	1.13	0.245	(0.405)	0.220	0.024
159	13.25	1.13	0.245	(0.403)	0.220	0.024
160	13.33	1.13	0.245	(0.401)	0.220	0.024
161	13.42	1.13	0.245	(0.399)	0.220	0.024
162	13.50	1.13	0.245	(0.397)	0.220	0.024
163	13.58	0.77	0.166	(0.395)	0.149	0.017
164	13.67	0.77	0.166	(0.393)	0.149	0.017
165	13.75	0.77	0.166	(0.391)	0.149	0.017
166	13.83	0.77	0.166	(0.389)	0.149	0.017
167	13.92	0.77	0.166	(0.387)	0.149	0.017
168	14.00	0.77	0.166	(0.385)	0.149	0.017
169	14.08	0.90	0.194	(0.383)	0.175	0.019
170	14.17	0.90	0.194	(0.381)	0.175	0.019
171	14.25	0.90	0.194	(0.379)	0.175	0.019
172	14.33	0.87	0.187	(0.377)	0.168	0.019
173	14.42	0.87	0.187	(0.375)	0.168	0.019
174	14.50	0.87	0.187	(0.373)	0.168	0.019
175	14.58	0.87	0.187	(0.371)	0.168	0.019
176	14.67	0.87	0.187	(0.370)	0.168	0.019
177	14.75	0.87	0.187	(0.368)	0.168	0.019
178	14.83	0.83	0.180	(0.366)	0.162	0.018
179	14.92	0.83	0.180	(0.364)	0.162	0.018
180	15.00	0.83	0.180	(0.362)	0.162	0.018
181	15.08	0.80	0.173	(0.360)	0.156	0.017
182	15.17	0.80	0.173	(0.358)	0.156	0.017
183	15.25	0.80	0.173	(0.356)	0.156	0.017

184	15.33	0.77	0.166	(0.355)	0.149	0.017
185	15.42	0.77	0.166	(0.353)	0.149	0.017
186	15.50	0.77	0.166	(0.351)	0.149	0.017
187	15.58	0.63	0.137	(0.349)	0.123	0.014
188	15.67	0.63	0.137	(0.347)	0.123	0.014
189	15.75	0.63	0.137	(0.346)	0.123	0.014
190	15.83	0.63	0.137	(0.344)	0.123	0.014
191	15.92	0.63	0.137	(0.342)	0.123	0.014
192	16.00	0.63	0.137	(0.340)	0.123	0.014
193	16.08	0.13	0.029	(0.339)	0.026	0.003
194	16.17	0.13	0.029	(0.337)	0.026	0.003
195	16.25	0.13	0.029	(0.335)	0.026	0.003
196	16.33	0.13	0.029	(0.333)	0.026	0.003
197	16.42	0.13	0.029	(0.332)	0.026	0.003
198	16.50	0.13	0.029	(0.330)	0.026	0.003
199	16.58	0.10	0.022	(0.328)	0.019	0.002
200	16.67	0.10	0.022	(0.327)	0.019	0.002
201	16.75	0.10	0.022	(0.325)	0.019	0.002
202	16.83	0.10	0.022	(0.323)	0.019	0.002
203	16.92	0.10	0.022	(0.322)	0.019	0.002
204	17.00	0.10	0.022	(0.320)	0.019	0.002
205	17.08	0.17	0.036	(0.319)	0.032	0.004
206	17.17	0.17	0.036	(0.317)	0.032	0.004
207	17.25	0.17	0.036	(0.315)	0.032	0.004
208	17.33	0.17	0.036	(0.314)	0.032	0.004
209	17.42	0.17	0.036	(0.312)	0.032	0.004
210	17.50	0.17	0.036	(0.311)	0.032	0.004
211	17.58	0.17	0.036	(0.309)	0.032	0.004
212	17.67	0.17	0.036	(0.308)	0.032	0.004
213	17.75	0.17	0.036	(0.306)	0.032	0.004
214	17.83	0.13	0.029	(0.304)	0.026	0.003
215	17.92	0.13	0.029	(0.303)	0.026	0.003
216	18.00	0.13	0.029	(0.301)	0.026	0.003
217	18.08	0.13	0.029	(0.300)	0.026	0.003
218	18.17	0.13	0.029	(0.299)	0.026	0.003
219	18.25	0.13	0.029	(0.297)	0.026	0.003
220	18.33	0.13	0.029	(0.296)	0.026	0.003
221	18.42	0.13	0.029	(0.294)	0.026	0.003
222	18.50	0.13	0.029	(0.293)	0.026	0.003
223	18.58	0.10	0.022	(0.291)	0.019	0.002
224	18.67	0.10	0.022	(0.290)	0.019	0.002
225	18.75	0.10	0.022	(0.289)	0.019	0.002
226	18.83	0.07	0.014	(0.287)	0.013	0.001
227	18.92	0.07	0.014	(0.286)	0.013	0.001
228	19.00	0.07	0.014	(0.284)	0.013	0.001
229	19.08	0.10	0.022	(0.283)	0.019	0.002
230	19.17	0.10	0.022	(0.282)	0.019	0.002
231	19.25	0.10	0.022	(0.280)	0.019	0.002
232	19.33	0.13	0.029	(0.279)	0.026	0.003
233	19.42	0.13	0.029	(0.278)	0.026	0.003
234	19.50	0.13	0.029	(0.277)	0.026	0.003
235	19.58	0.10	0.022	(0.275)	0.019	0.002
236	19.67	0.10	0.022	(0.274)	0.019	0.002
237	19.75	0.10	0.022	(0.273)	0.019	0.002
238	19.83	0.07	0.014	(0.272)	0.013	0.001
239	19.92	0.07	0.014	(0.270)	0.013	0.001
240	20.00	0.07	0.014	(0.269)	0.013	0.001
241	20.08	0.10	0.022	(0.268)	0.019	0.002
242	20.17	0.10	0.022	(0.267)	0.019	0.002
243	20.25	0.10	0.022	(0.266)	0.019	0.002
244	20.33	0.10	0.022	(0.264)	0.019	0.002
245	20.42	0.10	0.022	(0.263)	0.019	0.002
246	20.50	0.10	0.022	(0.262)	0.019	0.002
247	20.58	0.10	0.022	(0.261)	0.019	0.002
248	20.67	0.10	0.022	(0.260)	0.019	0.002
249	20.75	0.10	0.022	(0.259)	0.019	0.002
250	20.83	0.07	0.014	(0.258)	0.013	0.001
251	20.92	0.07	0.014	(0.257)	0.013	0.001
252	21.00	0.07	0.014	(0.256)	0.013	0.001
253	21.08	0.10	0.022	(0.255)	0.019	0.002
254	21.17	0.10	0.022	(0.254)	0.019	0.002

1+25	0.0000	0.00	Q				
1+30	0.0000	0.00	Q				
1+35	0.0000	0.00	Q				
1+40	0.0000	0.00	Q				
1+45	0.0001	0.00	Q				
1+50	0.0001	0.00	Q				
1+55	0.0001	0.00	Q				
2+ 0	0.0001	0.00	Q				
2+ 5	0.0001	0.00	QV				
2+10	0.0001	0.00	QV				
2+15	0.0001	0.00	QV				
2+20	0.0001	0.00	QV				
2+25	0.0001	0.00	QV				
2+30	0.0001	0.00	QV				
2+35	0.0001	0.00	QV				
2+40	0.0001	0.00	QV				
2+45	0.0001	0.00	QV				
2+50	0.0001	0.00	QV				
2+55	0.0001	0.00	QV				
3+ 0	0.0001	0.00	QV				
3+ 5	0.0001	0.00	QV				
3+10	0.0001	0.00	QV				
3+15	0.0001	0.00	QV				
3+20	0.0001	0.00	QV				
3+25	0.0001	0.00	Q V				
3+30	0.0001	0.00	Q V				
3+35	0.0001	0.00	Q V				
3+40	0.0001	0.00	Q V				
3+45	0.0001	0.00	Q V				
3+50	0.0001	0.00	Q V				
3+55	0.0001	0.00	Q V				
4+ 0	0.0002	0.00	Q V				
4+ 5	0.0002	0.00	Q V				
4+10	0.0002	0.00	Q V				
4+15	0.0002	0.00	Q V				
4+20	0.0002	0.00	Q V				
4+25	0.0002	0.00	Q V				
4+30	0.0002	0.00	Q V				
4+35	0.0002	0.00	Q V				
4+40	0.0002	0.00	Q V				
4+45	0.0002	0.00	Q V				
4+50	0.0002	0.00	Q V				
4+55	0.0002	0.00	Q V				
5+ 0	0.0002	0.00	Q V				
5+ 5	0.0002	0.00	Q V				
5+10	0.0002	0.00	Q V				
5+15	0.0002	0.00	Q V				
5+20	0.0002	0.00	Q V				
5+25	0.0002	0.00	Q V				
5+30	0.0003	0.00	Q V				
5+35	0.0003	0.00	Q V				
5+40	0.0003	0.00	Q V				
5+45	0.0003	0.00	Q V				
5+50	0.0003	0.00	Q V				
5+55	0.0003	0.00	Q V				
6+ 0	0.0003	0.00	Q V				
6+ 5	0.0003	0.00	Q V				
6+10	0.0003	0.00	Q V				
6+15	0.0003	0.00	Q V				
6+20	0.0003	0.00	Q V				
6+25	0.0003	0.00	Q V				
6+30	0.0003	0.00	Q V				
6+35	0.0003	0.00	Q V				
6+40	0.0003	0.00	Q V				
6+45	0.0004	0.00	Q V				
6+50	0.0004	0.00	Q V				
6+55	0.0004	0.00	Q V				
7+ 0	0.0004	0.00	Q V				
7+ 5	0.0004	0.00	Q V				
7+10	0.0004	0.00	Q V				
7+15	0.0004	0.00	Q V				

7+20	0.0004	0.00	Q	V				
7+25	0.0004	0.00	Q	V				
7+30	0.0004	0.00	Q	V				
7+35	0.0004	0.00	Q	V				
7+40	0.0005	0.00	Q	V				
7+45	0.0005	0.00	Q	V				
7+50	0.0005	0.00	Q	V				
7+55	0.0005	0.00	Q	V				
8+ 0	0.0005	0.00	Q	V				
8+ 5	0.0005	0.00	Q	V				
8+10	0.0005	0.00	Q	V				
8+15	0.0005	0.00	Q	V				
8+20	0.0005	0.00	Q	V				
8+25	0.0006	0.00	Q	V				
8+30	0.0006	0.00	Q	V				
8+35	0.0006	0.00	Q	V				
8+40	0.0006	0.00	Q	V				
8+45	0.0006	0.00	Q	V				
8+50	0.0006	0.00	Q	V				
8+55	0.0006	0.00	Q	V				
9+ 0	0.0006	0.00	Q	V				
9+ 5	0.0007	0.00	Q	V				
9+10	0.0007	0.00	Q	V				
9+15	0.0007	0.00	Q	V				
9+20	0.0007	0.00	Q	V				
9+25	0.0007	0.00	Q	V				
9+30	0.0007	0.00	Q	V				
9+35	0.0008	0.00	Q	V				
9+40	0.0008	0.00	Q	V				
9+45	0.0008	0.00	Q	V				
9+50	0.0008	0.00	Q	V				
9+55	0.0008	0.00	Q	V				
10+ 0	0.0008	0.00	Q	V				
10+ 5	0.0009	0.00	Q	V				
10+10	0.0009	0.00	Q	V				
10+15	0.0009	0.00	Q	V				
10+20	0.0009	0.00	Q	V				
10+25	0.0009	0.00	Q	V				
10+30	0.0009	0.00	Q	V				
10+35	0.0009	0.00	Q	V				
10+40	0.0009	0.00	Q	V				
10+45	0.0010	0.00	Q	V				
10+50	0.0010	0.00	Q	V				
10+55	0.0010	0.00	Q	V				
11+ 0	0.0010	0.00	Q	V				
11+ 5	0.0010	0.00	Q	V				
11+10	0.0010	0.00	Q	V				
11+15	0.0011	0.00	Q	V				
11+20	0.0011	0.00	Q	V				
11+25	0.0011	0.00	Q	V				
11+30	0.0011	0.00	Q	V				
11+35	0.0011	0.00	Q	V				
11+40	0.0011	0.00	Q	V				
11+45	0.0011	0.00	Q	V				
11+50	0.0012	0.00	Q	V				
11+55	0.0012	0.00	Q	V				
12+ 0	0.0012	0.00	Q	V				
12+ 5	0.0012	0.00	Q	V				
12+10	0.0012	0.00	Q	V				
12+15	0.0012	0.00	Q	V				
12+20	0.0013	0.00	Q	V				
12+25	0.0013	0.00	Q	V				
12+30	0.0013	0.00	Q	V				
12+35	0.0013	0.00	Q	V				
12+40	0.0014	0.00	Q	V				
12+45	0.0014	0.00	Q	V				
12+50	0.0014	0.00	Q	V				
12+55	0.0014	0.00	Q	V				
13+ 0	0.0014	0.00	Q	V				
13+ 5	0.0015	0.00	Q	V				
13+10	0.0015	0.00	Q	V				

13+15	0.0015	0.00	Q			V		
13+20	0.0016	0.00	Q			V		
13+25	0.0016	0.00	Q			V		
13+30	0.0016	0.00	Q			V		
13+35	0.0016	0.00	Q			V		
13+40	0.0016	0.00	Q			V		
13+45	0.0017	0.00	Q			V		
13+50	0.0017	0.00	Q			V		
13+55	0.0017	0.00	Q			V		
14+ 0	0.0017	0.00	Q			V		
14+ 5	0.0017	0.00	Q			V		
14+10	0.0018	0.00	Q			V		
14+15	0.0018	0.00	Q			V		
14+20	0.0018	0.00	Q			V		
14+25	0.0018	0.00	Q			V		
14+30	0.0018	0.00	Q			V		
14+35	0.0019	0.00	Q			V		
14+40	0.0019	0.00	Q			V		
14+45	0.0019	0.00	Q			V		
14+50	0.0019	0.00	Q			V		
14+55	0.0019	0.00	Q			V		
15+ 0	0.0020	0.00	Q			V		
15+ 5	0.0020	0.00	Q			V		
15+10	0.0020	0.00	Q			V		
15+15	0.0020	0.00	Q			V		
15+20	0.0020	0.00	Q			V		
15+25	0.0021	0.00	Q			V		
15+30	0.0021	0.00	Q			V		
15+35	0.0021	0.00	Q			V		
15+40	0.0021	0.00	Q			V		
15+45	0.0021	0.00	Q			V		
15+50	0.0021	0.00	Q			V		
15+55	0.0022	0.00	Q			V		
16+ 0	0.0022	0.00	Q			V		
16+ 5	0.0022	0.00	Q			V		
16+10	0.0022	0.00	Q			V		
16+15	0.0022	0.00	Q			V		
16+20	0.0022	0.00	Q			V		
16+25	0.0022	0.00	Q			V		
16+30	0.0022	0.00	Q			V		
16+35	0.0022	0.00	Q			V		
16+40	0.0022	0.00	Q			V		
16+45	0.0022	0.00	Q			V		
16+50	0.0022	0.00	Q			V		
16+55	0.0022	0.00	Q			V		
17+ 0	0.0022	0.00	Q			V		
17+ 5	0.0022	0.00	Q			V		
17+10	0.0022	0.00	Q			V		
17+15	0.0022	0.00	Q			V		
17+20	0.0022	0.00	Q			V		
17+25	0.0022	0.00	Q			V		
17+30	0.0022	0.00	Q			V		
17+35	0.0022	0.00	Q			V		
17+40	0.0022	0.00	Q			V		
17+45	0.0022	0.00	Q			V		
17+50	0.0022	0.00	Q			V		
17+55	0.0022	0.00	Q			V		
18+ 0	0.0022	0.00	Q			V		
18+ 5	0.0023	0.00	Q			V		
18+10	0.0023	0.00	Q			V		
18+15	0.0023	0.00	Q			V		
18+20	0.0023	0.00	Q			V		
18+25	0.0023	0.00	Q			V		
18+30	0.0023	0.00	Q			V		
18+35	0.0023	0.00	Q			V		
18+40	0.0023	0.00	Q			V		
18+45	0.0023	0.00	Q			V		
18+50	0.0023	0.00	Q			V		
18+55	0.0023	0.00	Q			V		
19+ 0	0.0023	0.00	Q			V		
19+ 5	0.0023	0.00	Q			V		

19+10	0.0023	0.00	Q				V
19+15	0.0023	0.00	Q				V
19+20	0.0023	0.00	Q				V
19+25	0.0023	0.00	Q				V
19+30	0.0023	0.00	Q				V
19+35	0.0023	0.00	Q				V
19+40	0.0023	0.00	Q				V
19+45	0.0023	0.00	Q				V
19+50	0.0023	0.00	Q				V
19+55	0.0023	0.00	Q				V
20+ 0	0.0023	0.00	Q				V
20+ 5	0.0023	0.00	Q				V
20+10	0.0023	0.00	Q				V
20+15	0.0023	0.00	Q				V
20+20	0.0023	0.00	Q				V
20+25	0.0023	0.00	Q				V
20+30	0.0023	0.00	Q				V
20+35	0.0023	0.00	Q				V
20+40	0.0023	0.00	Q				V
20+45	0.0023	0.00	Q				V
20+50	0.0023	0.00	Q				V
20+55	0.0023	0.00	Q				V
21+ 0	0.0023	0.00	Q				V
21+ 5	0.0023	0.00	Q				V
21+10	0.0023	0.00	Q				V
21+15	0.0023	0.00	Q				V
21+20	0.0023	0.00	Q				V
21+25	0.0023	0.00	Q				V
21+30	0.0023	0.00	Q				V
21+35	0.0023	0.00	Q				V
21+40	0.0024	0.00	Q				V
21+45	0.0024	0.00	Q				V
21+50	0.0024	0.00	Q				V
21+55	0.0024	0.00	Q				V
22+ 0	0.0024	0.00	Q				V
22+ 5	0.0024	0.00	Q				V
22+10	0.0024	0.00	Q				V
22+15	0.0024	0.00	Q				V
22+20	0.0024	0.00	Q				V
22+25	0.0024	0.00	Q				V
22+30	0.0024	0.00	Q				V
22+35	0.0024	0.00	Q				V
22+40	0.0024	0.00	Q				V
22+45	0.0024	0.00	Q				V
22+50	0.0024	0.00	Q				V
22+55	0.0024	0.00	Q				V
23+ 0	0.0024	0.00	Q				V
23+ 5	0.0024	0.00	Q				V
23+10	0.0024	0.00	Q				V
23+15	0.0024	0.00	Q				V
23+20	0.0024	0.00	Q				V
23+25	0.0024	0.00	Q				V
23+30	0.0024	0.00	Q				V
23+35	0.0024	0.00	Q				V
23+40	0.0024	0.00	Q				V
23+45	0.0024	0.00	Q				V
23+50	0.0024	0.00	Q				V
23+55	0.0024	0.00	Q				V
24+ 0	0.0024	0.00	Q				V

Unit Hydrograph Analysis

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Study date 10/31/22 File: D2242.out

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Riverside County Synthetic Unit Hydrology Method
RCFC & WCD Manual date - April 1978

Program License Serial Number 6545

English (in-lb) Input Units Used
English Rainfall Data (Inches) Input Values Used

English Units used in output format

NENIFEE STAXUP STORAGE EXPANSION
PRELIMINARY DRAINAGE STUDY
PROPOSED AREA D2
2-YEAR; 24-HOUR

Drainage Area = 0.18(Ac.) = 0.000 Sq. Mi.
Drainage Area for Depth-Area Areal Adjustment = 0.18(Ac.) = 0.000 Sq. Mi.
Length along longest watercourse = 496.00(Ft.)
Length along longest watercourse measured to centroid = 248.00(Ft.)
Length along longest watercourse = 0.094 Mi.
Length along longest watercourse measured to centroid = 0.047 Mi.
Difference in elevation = 5.50(Ft.)
Slope along watercourse = 58.5484 Ft./Mi.
Average Manning's 'N' = 0.015
Lag time = 0.021 Hr.
Lag time = 1.27 Min.
25% of lag time = 0.32 Min.
40% of lag time = 0.51 Min.
Unit time = 5.00 Min.
Duration of storm = 24 Hour(s)
User Entered Base Flow = 0.00(CFS)

2 YEAR Area rainfall data:

Area(Ac.)[1]	Rainfall(In)[2]	weighting[1*2]
0.18	1.80	0.32

100 YEAR Area rainfall data:

Area(Ac.)[1]	Rainfall(In)[2]	weighting[1*2]
0.18	4.90	0.88

STORM EVENT (YEAR) = 2.00
Area Averaged 2-Year Rainfall = 1.800(In)
Area Averaged 100-Year Rainfall = 4.900(In)

Point rain (area averaged) = 1.800(In)
Areal adjustment factor = 100.00 %
Adjusted average point rain = 1.800(In)

Sub-Area Data:
Area(Ac.) Runoff Index Impervious %
0.180 56.60 0.800
Total Area Entered = 0.18(Ac.)

RI	RI	Infil. Rate	Impervious	Adj. Infil. Rate	Area%	F
AMC2	AMC-1	(In/Hr)	(Dec.%)	(In/Hr)	(Dec.)	(In/Hr)
56.6	36.6	0.701	0.800	0.196	1.000	0.196
						Sum (F) = 0.196

Area averaged mean soil loss (F) (In/Hr) = 0.196
 Minimum soil loss rate ((In/Hr)) = 0.098
 (for 24 hour storm duration)
 Soil loss rate (decimal) = 0.260

U n i t H y d r o g r a p h
 VALLEY S-Curve

Unit Hydrograph Data

Unit time period (hrs)	Time % of lag	Distribution Graph %	Unit Hydrograph (CFS)
1	0.083	393.887	64.658
2	0.167	787.773	32.454
3	0.250	1181.660	2.887
		Sum = 100.000	Sum= 0.181

The following loss rate calculations reflect use of the minimum calculated loss rate subtracted from the Storm Rain to produce the maximum Effective Rain value

Unit Time (Hr.)	Pattern Percent	Storm Rain (In/Hr)	Loss rate(In./Hr)		Effective (In/Hr)
			Max	Low	
1	0.08	0.014	(0.348)	0.004	0.011
2	0.17	0.014	(0.346)	0.004	0.011
3	0.25	0.014	(0.345)	0.004	0.011
4	0.33	0.022	(0.344)	0.006	0.016
5	0.42	0.022	(0.342)	0.006	0.016
6	0.50	0.022	(0.341)	0.006	0.016
7	0.58	0.022	(0.340)	0.006	0.016
8	0.67	0.022	(0.338)	0.006	0.016
9	0.75	0.022	(0.337)	0.006	0.016
10	0.83	0.029	(0.336)	0.007	0.021
11	0.92	0.029	(0.334)	0.007	0.021
12	1.00	0.029	(0.333)	0.007	0.021
13	1.08	0.022	(0.332)	0.006	0.016
14	1.17	0.022	(0.330)	0.006	0.016
15	1.25	0.022	(0.329)	0.006	0.016
16	1.33	0.022	(0.328)	0.006	0.016
17	1.42	0.022	(0.327)	0.006	0.016
18	1.50	0.022	(0.325)	0.006	0.016
19	1.58	0.022	(0.324)	0.006	0.016
20	1.67	0.022	(0.323)	0.006	0.016
21	1.75	0.022	(0.321)	0.006	0.016
22	1.83	0.029	(0.320)	0.007	0.021
23	1.92	0.029	(0.319)	0.007	0.021
24	2.00	0.029	(0.317)	0.007	0.021
25	2.08	0.029	(0.316)	0.007	0.021
26	2.17	0.029	(0.315)	0.007	0.021
27	2.25	0.029	(0.314)	0.007	0.021
28	2.33	0.029	(0.312)	0.007	0.021
29	2.42	0.029	(0.311)	0.007	0.021
30	2.50	0.029	(0.310)	0.007	0.021
31	2.58	0.036	(0.309)	0.009	0.027
32	2.67	0.036	(0.307)	0.009	0.027
33	2.75	0.036	(0.306)	0.009	0.027
34	2.83	0.036	(0.305)	0.009	0.027
35	2.92	0.036	(0.304)	0.009	0.027
36	3.00	0.036	(0.302)	0.009	0.027
37	3.08	0.036	(0.301)	0.009	0.027
38	3.17	0.036	(0.300)	0.009	0.027
39	3.25	0.036	(0.299)	0.009	0.027

40	3.33	0.17	0.036	(0.297)	0.009	0.027
41	3.42	0.17	0.036	(0.296)	0.009	0.027
42	3.50	0.17	0.036	(0.295)	0.009	0.027
43	3.58	0.17	0.036	(0.294)	0.009	0.027
44	3.67	0.17	0.036	(0.292)	0.009	0.027
45	3.75	0.17	0.036	(0.291)	0.009	0.027
46	3.83	0.20	0.043	(0.290)	0.011	0.032
47	3.92	0.20	0.043	(0.289)	0.011	0.032
48	4.00	0.20	0.043	(0.287)	0.011	0.032
49	4.08	0.20	0.043	(0.286)	0.011	0.032
50	4.17	0.20	0.043	(0.285)	0.011	0.032
51	4.25	0.20	0.043	(0.284)	0.011	0.032
52	4.33	0.23	0.050	(0.283)	0.013	0.037
53	4.42	0.23	0.050	(0.281)	0.013	0.037
54	4.50	0.23	0.050	(0.280)	0.013	0.037
55	4.58	0.23	0.050	(0.279)	0.013	0.037
56	4.67	0.23	0.050	(0.278)	0.013	0.037
57	4.75	0.23	0.050	(0.277)	0.013	0.037
58	4.83	0.27	0.058	(0.275)	0.015	0.043
59	4.92	0.27	0.058	(0.274)	0.015	0.043
60	5.00	0.27	0.058	(0.273)	0.015	0.043
61	5.08	0.20	0.043	(0.272)	0.011	0.032
62	5.17	0.20	0.043	(0.271)	0.011	0.032
63	5.25	0.20	0.043	(0.269)	0.011	0.032
64	5.33	0.23	0.050	(0.268)	0.013	0.037
65	5.42	0.23	0.050	(0.267)	0.013	0.037
66	5.50	0.23	0.050	(0.266)	0.013	0.037
67	5.58	0.27	0.058	(0.265)	0.015	0.043
68	5.67	0.27	0.058	(0.264)	0.015	0.043
69	5.75	0.27	0.058	(0.262)	0.015	0.043
70	5.83	0.27	0.058	(0.261)	0.015	0.043
71	5.92	0.27	0.058	(0.260)	0.015	0.043
72	6.00	0.27	0.058	(0.259)	0.015	0.043
73	6.08	0.30	0.065	(0.258)	0.017	0.048
74	6.17	0.30	0.065	(0.257)	0.017	0.048
75	6.25	0.30	0.065	(0.255)	0.017	0.048
76	6.33	0.30	0.065	(0.254)	0.017	0.048
77	6.42	0.30	0.065	(0.253)	0.017	0.048
78	6.50	0.30	0.065	(0.252)	0.017	0.048
79	6.58	0.33	0.072	(0.251)	0.019	0.053
80	6.67	0.33	0.072	(0.250)	0.019	0.053
81	6.75	0.33	0.072	(0.249)	0.019	0.053
82	6.83	0.33	0.072	(0.248)	0.019	0.053
83	6.92	0.33	0.072	(0.246)	0.019	0.053
84	7.00	0.33	0.072	(0.245)	0.019	0.053
85	7.08	0.33	0.072	(0.244)	0.019	0.053
86	7.17	0.33	0.072	(0.243)	0.019	0.053
87	7.25	0.33	0.072	(0.242)	0.019	0.053
88	7.33	0.37	0.079	(0.241)	0.021	0.059
89	7.42	0.37	0.079	(0.240)	0.021	0.059
90	7.50	0.37	0.079	(0.239)	0.021	0.059
91	7.58	0.40	0.086	(0.238)	0.022	0.064
92	7.67	0.40	0.086	(0.236)	0.022	0.064
93	7.75	0.40	0.086	(0.235)	0.022	0.064
94	7.83	0.43	0.094	(0.234)	0.024	0.069
95	7.92	0.43	0.094	(0.233)	0.024	0.069
96	8.00	0.43	0.094	(0.232)	0.024	0.069
97	8.08	0.50	0.108	(0.231)	0.028	0.080
98	8.17	0.50	0.108	(0.230)	0.028	0.080
99	8.25	0.50	0.108	(0.229)	0.028	0.080
100	8.33	0.50	0.108	(0.228)	0.028	0.080
101	8.42	0.50	0.108	(0.227)	0.028	0.080
102	8.50	0.50	0.108	(0.226)	0.028	0.080
103	8.58	0.53	0.115	(0.225)	0.030	0.085
104	8.67	0.53	0.115	(0.224)	0.030	0.085
105	8.75	0.53	0.115	(0.223)	0.030	0.085
106	8.83	0.57	0.122	(0.222)	0.032	0.091
107	8.92	0.57	0.122	(0.220)	0.032	0.091
108	9.00	0.57	0.122	(0.219)	0.032	0.091
109	9.08	0.63	0.137	(0.218)	0.036	0.101
110	9.17	0.63	0.137	(0.217)	0.036	0.101

111	9.25	0.63	0.137	(0.216)	0.036	0.101
112	9.33	0.67	0.144	(0.215)	0.037	0.107
113	9.42	0.67	0.144	(0.214)	0.037	0.107
114	9.50	0.67	0.144	(0.213)	0.037	0.107
115	9.58	0.70	0.151	(0.212)	0.039	0.112
116	9.67	0.70	0.151	(0.211)	0.039	0.112
117	9.75	0.70	0.151	(0.210)	0.039	0.112
118	9.83	0.73	0.158	(0.209)	0.041	0.117
119	9.92	0.73	0.158	(0.208)	0.041	0.117
120	10.00	0.73	0.158	(0.207)	0.041	0.117
121	10.08	0.50	0.108	(0.206)	0.028	0.080
122	10.17	0.50	0.108	(0.205)	0.028	0.080
123	10.25	0.50	0.108	(0.204)	0.028	0.080
124	10.33	0.50	0.108	(0.203)	0.028	0.080
125	10.42	0.50	0.108	(0.202)	0.028	0.080
126	10.50	0.50	0.108	(0.201)	0.028	0.080
127	10.58	0.67	0.144	(0.200)	0.037	0.107
128	10.67	0.67	0.144	(0.199)	0.037	0.107
129	10.75	0.67	0.144	(0.198)	0.037	0.107
130	10.83	0.67	0.144	(0.197)	0.037	0.107
131	10.92	0.67	0.144	(0.196)	0.037	0.107
132	11.00	0.67	0.144	(0.195)	0.037	0.107
133	11.08	0.63	0.137	(0.194)	0.036	0.101
134	11.17	0.63	0.137	(0.193)	0.036	0.101
135	11.25	0.63	0.137	(0.192)	0.036	0.101
136	11.33	0.63	0.137	(0.192)	0.036	0.101
137	11.42	0.63	0.137	(0.191)	0.036	0.101
138	11.50	0.63	0.137	(0.190)	0.036	0.101
139	11.58	0.57	0.122	(0.189)	0.032	0.091
140	11.67	0.57	0.122	(0.188)	0.032	0.091
141	11.75	0.57	0.122	(0.187)	0.032	0.091
142	11.83	0.60	0.130	(0.186)	0.034	0.096
143	11.92	0.60	0.130	(0.185)	0.034	0.096
144	12.00	0.60	0.130	(0.184)	0.034	0.096
145	12.08	0.83	0.180	(0.183)	0.047	0.133
146	12.17	0.83	0.180	(0.182)	0.047	0.133
147	12.25	0.83	0.180	(0.181)	0.047	0.133
148	12.33	0.87	0.187	(0.180)	0.049	0.139
149	12.42	0.87	0.187	(0.179)	0.049	0.139
150	12.50	0.87	0.187	(0.179)	0.049	0.139
151	12.58	0.93	0.202	(0.178)	0.052	0.149
152	12.67	0.93	0.202	(0.177)	0.052	0.149
153	12.75	0.93	0.202	(0.176)	0.052	0.149
154	12.83	0.97	0.209	(0.175)	0.054	0.155
155	12.92	0.97	0.209	(0.174)	0.054	0.155
156	13.00	0.97	0.209	(0.173)	0.054	0.155
157	13.08	1.13	0.245	(0.172)	0.064	0.181
158	13.17	1.13	0.245	(0.171)	0.064	0.181
159	13.25	1.13	0.245	(0.171)	0.064	0.181
160	13.33	1.13	0.245	(0.170)	0.064	0.181
161	13.42	1.13	0.245	(0.169)	0.064	0.181
162	13.50	1.13	0.245	(0.168)	0.064	0.181
163	13.58	0.77	0.166	(0.167)	0.043	0.123
164	13.67	0.77	0.166	(0.166)	0.043	0.123
165	13.75	0.77	0.166	(0.165)	0.043	0.123
166	13.83	0.77	0.166	(0.165)	0.043	0.123
167	13.92	0.77	0.166	(0.164)	0.043	0.123
168	14.00	0.77	0.166	(0.163)	0.043	0.123
169	14.08	0.90	0.194	(0.162)	0.051	0.144
170	14.17	0.90	0.194	(0.161)	0.051	0.144
171	14.25	0.90	0.194	(0.160)	0.051	0.144
172	14.33	0.87	0.187	(0.160)	0.049	0.139
173	14.42	0.87	0.187	(0.159)	0.049	0.139
174	14.50	0.87	0.187	(0.158)	0.049	0.139
175	14.58	0.87	0.187	(0.157)	0.049	0.139
176	14.67	0.87	0.187	(0.156)	0.049	0.139
177	14.75	0.87	0.187	(0.156)	0.049	0.139
178	14.83	0.83	0.180	(0.155)	0.047	0.133
179	14.92	0.83	0.180	(0.154)	0.047	0.133
180	15.00	0.83	0.180	(0.153)	0.047	0.133
181	15.08	0.80	0.173	(0.152)	0.045	0.128

182	15.17	0.80	0.173	(0.152)	0.045	0.128
183	15.25	0.80	0.173	(0.151)	0.045	0.128
184	15.33	0.77	0.166	(0.150)	0.043	0.123
185	15.42	0.77	0.166	(0.149)	0.043	0.123
186	15.50	0.77	0.166	(0.149)	0.043	0.123
187	15.58	0.63	0.137	(0.148)	0.036	0.101
188	15.67	0.63	0.137	(0.147)	0.036	0.101
189	15.75	0.63	0.137	(0.146)	0.036	0.101
190	15.83	0.63	0.137	(0.146)	0.036	0.101
191	15.92	0.63	0.137	(0.145)	0.036	0.101
192	16.00	0.63	0.137	(0.144)	0.036	0.101
193	16.08	0.13	0.029	(0.143)	0.007	0.021
194	16.17	0.13	0.029	(0.143)	0.007	0.021
195	16.25	0.13	0.029	(0.142)	0.007	0.021
196	16.33	0.13	0.029	(0.141)	0.007	0.021
197	16.42	0.13	0.029	(0.140)	0.007	0.021
198	16.50	0.13	0.029	(0.140)	0.007	0.021
199	16.58	0.10	0.022	(0.139)	0.006	0.016
200	16.67	0.10	0.022	(0.138)	0.006	0.016
201	16.75	0.10	0.022	(0.138)	0.006	0.016
202	16.83	0.10	0.022	(0.137)	0.006	0.016
203	16.92	0.10	0.022	(0.136)	0.006	0.016
204	17.00	0.10	0.022	(0.136)	0.006	0.016
205	17.08	0.17	0.036	(0.135)	0.009	0.027
206	17.17	0.17	0.036	(0.134)	0.009	0.027
207	17.25	0.17	0.036	(0.133)	0.009	0.027
208	17.33	0.17	0.036	(0.133)	0.009	0.027
209	17.42	0.17	0.036	(0.132)	0.009	0.027
210	17.50	0.17	0.036	(0.131)	0.009	0.027
211	17.58	0.17	0.036	(0.131)	0.009	0.027
212	17.67	0.17	0.036	(0.130)	0.009	0.027
213	17.75	0.17	0.036	(0.130)	0.009	0.027
214	17.83	0.13	0.029	(0.129)	0.007	0.021
215	17.92	0.13	0.029	(0.128)	0.007	0.021
216	18.00	0.13	0.029	(0.128)	0.007	0.021
217	18.08	0.13	0.029	(0.127)	0.007	0.021
218	18.17	0.13	0.029	(0.126)	0.007	0.021
219	18.25	0.13	0.029	(0.126)	0.007	0.021
220	18.33	0.13	0.029	(0.125)	0.007	0.021
221	18.42	0.13	0.029	(0.125)	0.007	0.021
222	18.50	0.13	0.029	(0.124)	0.007	0.021
223	18.58	0.10	0.022	(0.123)	0.006	0.016
224	18.67	0.10	0.022	(0.123)	0.006	0.016
225	18.75	0.10	0.022	(0.122)	0.006	0.016
226	18.83	0.07	0.014	(0.122)	0.004	0.011
227	18.92	0.07	0.014	(0.121)	0.004	0.011
228	19.00	0.07	0.014	(0.120)	0.004	0.011
229	19.08	0.10	0.022	(0.120)	0.006	0.016
230	19.17	0.10	0.022	(0.119)	0.006	0.016
231	19.25	0.10	0.022	(0.119)	0.006	0.016
232	19.33	0.13	0.029	(0.118)	0.007	0.021
233	19.42	0.13	0.029	(0.118)	0.007	0.021
234	19.50	0.13	0.029	(0.117)	0.007	0.021
235	19.58	0.10	0.022	(0.117)	0.006	0.016
236	19.67	0.10	0.022	(0.116)	0.006	0.016
237	19.75	0.10	0.022	(0.115)	0.006	0.016
238	19.83	0.07	0.014	(0.115)	0.004	0.011
239	19.92	0.07	0.014	(0.114)	0.004	0.011
240	20.00	0.07	0.014	(0.114)	0.004	0.011
241	20.08	0.10	0.022	(0.113)	0.006	0.016
242	20.17	0.10	0.022	(0.113)	0.006	0.016
243	20.25	0.10	0.022	(0.112)	0.006	0.016
244	20.33	0.10	0.022	(0.112)	0.006	0.016
245	20.42	0.10	0.022	(0.111)	0.006	0.016
246	20.50	0.10	0.022	(0.111)	0.006	0.016
247	20.58	0.10	0.022	(0.111)	0.006	0.016
248	20.67	0.10	0.022	(0.110)	0.006	0.016
249	20.75	0.10	0.022	(0.110)	0.006	0.016
250	20.83	0.07	0.014	(0.109)	0.004	0.011
251	20.92	0.07	0.014	(0.109)	0.004	0.011
252	21.00	0.07	0.014	(0.108)	0.004	0.011

1+15	0.0003	0.00	Q
1+20	0.0003	0.00	Q
1+25	0.0003	0.00	Q
1+30	0.0004	0.00	Q
1+35	0.0004	0.00	Q
1+40	0.0004	0.00	Q
1+45	0.0004	0.00	Q
1+50	0.0004	0.00	Q
1+55	0.0005	0.00	Q
2+ 0	0.0005	0.00	Q
2+ 5	0.0005	0.00	QV
2+10	0.0005	0.00	QV
2+15	0.0006	0.00	QV
2+20	0.0006	0.00	QV
2+25	0.0006	0.00	QV
2+30	0.0006	0.00	QV
2+35	0.0007	0.00	QV
2+40	0.0007	0.00	QV
2+45	0.0007	0.00	QV
2+50	0.0008	0.00	QV
2+55	0.0008	0.00	QV
3+ 0	0.0008	0.00	QV
3+ 5	0.0009	0.00	QV
3+10	0.0009	0.00	QV
3+15	0.0009	0.00	QV
3+20	0.0010	0.00	QV
3+25	0.0010	0.00	Q V
3+30	0.0010	0.00	Q V
3+35	0.0011	0.00	Q V
3+40	0.0011	0.00	Q V
3+45	0.0011	0.00	Q V
3+50	0.0012	0.01	Q V
3+55	0.0012	0.01	Q V
4+ 0	0.0013	0.01	Q V
4+ 5	0.0013	0.01	Q V
4+10	0.0013	0.01	Q V
4+15	0.0014	0.01	Q V
4+20	0.0014	0.01	Q V
4+25	0.0015	0.01	Q V
4+30	0.0015	0.01	Q V
4+35	0.0016	0.01	Q V
4+40	0.0016	0.01	Q V
4+45	0.0017	0.01	Q V
4+50	0.0017	0.01	Q V
4+55	0.0018	0.01	Q V
5+ 0	0.0018	0.01	Q V
5+ 5	0.0019	0.01	Q V
5+10	0.0019	0.01	Q V
5+15	0.0019	0.01	Q V
5+20	0.0020	0.01	Q V
5+25	0.0020	0.01	Q V
5+30	0.0021	0.01	Q V
5+35	0.0021	0.01	Q V
5+40	0.0022	0.01	Q V
5+45	0.0022	0.01	Q V
5+50	0.0023	0.01	Q V
5+55	0.0023	0.01	Q V
6+ 0	0.0024	0.01	Q V
6+ 5	0.0025	0.01	Q V
6+10	0.0025	0.01	Q V
6+15	0.0026	0.01	Q V
6+20	0.0026	0.01	Q V
6+25	0.0027	0.01	Q V
6+30	0.0028	0.01	Q V
6+35	0.0028	0.01	Q V
6+40	0.0029	0.01	Q V
6+45	0.0030	0.01	Q V
6+50	0.0030	0.01	Q V
6+55	0.0031	0.01	Q V
7+ 0	0.0032	0.01	Q V
7+ 5	0.0032	0.01	Q V

7+10	0.0033	0.01	Q	V				
7+15	0.0034	0.01	Q	V				
7+20	0.0034	0.01	Q	V				
7+25	0.0035	0.01	Q	V				
7+30	0.0036	0.01	Q	V				
7+35	0.0036	0.01	Q	V				
7+40	0.0037	0.01	Q	V				
7+45	0.0038	0.01	Q	V				
7+50	0.0039	0.01	Q	V				
7+55	0.0040	0.01	Q	V				
8+ 0	0.0041	0.01	Q	V				
8+ 5	0.0042	0.01	Q	V				
8+10	0.0043	0.01	Q	V				
8+15	0.0044	0.01	Q	V				
8+20	0.0045	0.01	Q	V				
8+25	0.0046	0.01	Q	V				
8+30	0.0047	0.01	Q	V				
8+35	0.0048	0.02	Q	V				
8+40	0.0049	0.02	Q	V				
8+45	0.0050	0.02	Q	V				
8+50	0.0051	0.02	Q	V				
8+55	0.0052	0.02	Q	V				
9+ 0	0.0053	0.02	Q	V				
9+ 5	0.0054	0.02	Q	V				
9+10	0.0056	0.02	Q	V				
9+15	0.0057	0.02	Q	V				
9+20	0.0058	0.02	Q	V				
9+25	0.0059	0.02	Q	V				
9+30	0.0061	0.02	Q	V				
9+35	0.0062	0.02	Q	V				
9+40	0.0064	0.02	Q	V				
9+45	0.0065	0.02	Q	V				
9+50	0.0066	0.02	Q	V				
9+55	0.0068	0.02	Q	V				
10+ 0	0.0069	0.02	Q	V				
10+ 5	0.0071	0.02	Q	V				
10+10	0.0072	0.01	Q	V				
10+15	0.0073	0.01	Q	V				
10+20	0.0074	0.01	Q	V				
10+25	0.0075	0.01	Q	V				
10+30	0.0076	0.01	Q	V				
10+35	0.0077	0.02	Q	V				
10+40	0.0078	0.02	Q	V				
10+45	0.0079	0.02	Q	V				
10+50	0.0081	0.02	Q	V				
10+55	0.0082	0.02	Q	V				
11+ 0	0.0083	0.02	Q	V				
11+ 5	0.0085	0.02	Q	V				
11+10	0.0086	0.02	Q	V				
11+15	0.0087	0.02	Q	V				
11+20	0.0088	0.02	Q	V				
11+25	0.0090	0.02	Q	V				
11+30	0.0091	0.02	Q	V				
11+35	0.0092	0.02	Q	V				
11+40	0.0093	0.02	Q	V				
11+45	0.0094	0.02	Q	V				
11+50	0.0096	0.02	Q	V				
11+55	0.0097	0.02	Q	V				
12+ 0	0.0098	0.02	Q	V				
12+ 5	0.0100	0.02	Q	V				
12+10	0.0101	0.02	Q	V				
12+15	0.0103	0.02	Q	V				
12+20	0.0105	0.02	Q	V				
12+25	0.0106	0.03	Q	V				
12+30	0.0108	0.03	Q	V				
12+35	0.0110	0.03	Q	V				
12+40	0.0112	0.03	Q	V				
12+45	0.0114	0.03	Q	V				
12+50	0.0115	0.03	Q	V				
12+55	0.0117	0.03	Q	V				
13+ 0	0.0119	0.03	Q	V				

13+ 5	0.0121	0.03	Q			V		
13+10	0.0124	0.03	Q			V		
13+15	0.0126	0.03	Q			V		
13+20	0.0128	0.03	Q			V		
13+25	0.0131	0.03	Q			V		
13+30	0.0133	0.03	Q			V		
13+35	0.0135	0.03	Q			V		
13+40	0.0136	0.02	Q			V		
13+45	0.0138	0.02	Q			V		
13+50	0.0139	0.02	Q			V		
13+55	0.0141	0.02	Q			V		
14+ 0	0.0142	0.02	Q			V		
14+ 5	0.0144	0.02	Q			V		
14+10	0.0146	0.03	Q			V		
14+15	0.0148	0.03	Q			V		
14+20	0.0149	0.03	Q			V		
14+25	0.0151	0.03	Q			V		
14+30	0.0153	0.03	Q			V		
14+35	0.0155	0.03	Q			V		
14+40	0.0156	0.03	Q			V		
14+45	0.0158	0.03	Q			V		
14+50	0.0160	0.02	Q			V		
14+55	0.0161	0.02	Q			V		
15+ 0	0.0163	0.02	Q			V		
15+ 5	0.0165	0.02	Q			V		
15+10	0.0166	0.02	Q			V		
15+15	0.0168	0.02	Q			V		
15+20	0.0169	0.02	Q			V		
15+25	0.0171	0.02	Q			V		
15+30	0.0172	0.02	Q			V		
15+35	0.0174	0.02	Q			V		
15+40	0.0175	0.02	Q			V		
15+45	0.0176	0.02	Q			V		
15+50	0.0178	0.02	Q			V		
15+55	0.0179	0.02	Q			V		
16+ 0	0.0180	0.02	Q			V		
16+ 5	0.0181	0.01	Q			V		
16+10	0.0181	0.00	Q			V		
16+15	0.0181	0.00	Q			V		
16+20	0.0182	0.00	Q			V		
16+25	0.0182	0.00	Q			V		
16+30	0.0182	0.00	Q			V		
16+35	0.0182	0.00	Q			V		
16+40	0.0183	0.00	Q			V		
16+45	0.0183	0.00	Q			V		
16+50	0.0183	0.00	Q			V		
16+55	0.0183	0.00	Q			V		
17+ 0	0.0183	0.00	Q			V		
17+ 5	0.0184	0.00	Q			V		
17+10	0.0184	0.00	Q			V		
17+15	0.0184	0.00	Q			V		
17+20	0.0185	0.00	Q			V		
17+25	0.0185	0.00	Q			V		
17+30	0.0185	0.00	Q			V		
17+35	0.0186	0.00	Q			V		
17+40	0.0186	0.00	Q			V		
17+45	0.0186	0.00	Q			V		
17+50	0.0187	0.00	Q			V		
17+55	0.0187	0.00	Q			V		
18+ 0	0.0187	0.00	Q			V		
18+ 5	0.0187	0.00	Q			V		
18+10	0.0188	0.00	Q			V		
18+15	0.0188	0.00	Q			V		
18+20	0.0188	0.00	Q			V		
18+25	0.0188	0.00	Q			V		
18+30	0.0189	0.00	Q			V		
18+35	0.0189	0.00	Q			V		
18+40	0.0189	0.00	Q			V		
18+45	0.0189	0.00	Q			V		
18+50	0.0189	0.00	Q			V		
18+55	0.0190	0.00	Q			V		

19+ 0	0.0190	0.00	Q				V
19+ 5	0.0190	0.00	Q				V
19+10	0.0190	0.00	Q				V
19+15	0.0190	0.00	Q				V
19+20	0.0191	0.00	Q				V
19+25	0.0191	0.00	Q				V
19+30	0.0191	0.00	Q				V
19+35	0.0191	0.00	Q				V
19+40	0.0192	0.00	Q				V
19+45	0.0192	0.00	Q				V
19+50	0.0192	0.00	Q				V
19+55	0.0192	0.00	Q				V
20+ 0	0.0192	0.00	Q				V
20+ 5	0.0192	0.00	Q				V
20+10	0.0193	0.00	Q				V
20+15	0.0193	0.00	Q				V
20+20	0.0193	0.00	Q				V
20+25	0.0193	0.00	Q				V
20+30	0.0193	0.00	Q				V
20+35	0.0194	0.00	Q				V
20+40	0.0194	0.00	Q				V
20+45	0.0194	0.00	Q				V
20+50	0.0194	0.00	Q				V
20+55	0.0194	0.00	Q				V
21+ 0	0.0194	0.00	Q				V
21+ 5	0.0195	0.00	Q				V
21+10	0.0195	0.00	Q				V
21+15	0.0195	0.00	Q				V
21+20	0.0195	0.00	Q				V
21+25	0.0195	0.00	Q				V
21+30	0.0195	0.00	Q				V
21+35	0.0196	0.00	Q				V
21+40	0.0196	0.00	Q				V
21+45	0.0196	0.00	Q				V
21+50	0.0196	0.00	Q				V
21+55	0.0196	0.00	Q				V
22+ 0	0.0196	0.00	Q				V
22+ 5	0.0197	0.00	Q				V
22+10	0.0197	0.00	Q				V
22+15	0.0197	0.00	Q				V
22+20	0.0197	0.00	Q				V
22+25	0.0197	0.00	Q				V
22+30	0.0197	0.00	Q				V
22+35	0.0197	0.00	Q				V
22+40	0.0198	0.00	Q				V
22+45	0.0198	0.00	Q				V
22+50	0.0198	0.00	Q				V
22+55	0.0198	0.00	Q				V
23+ 0	0.0198	0.00	Q				V
23+ 5	0.0198	0.00	Q				V
23+10	0.0198	0.00	Q				V
23+15	0.0199	0.00	Q				V
23+20	0.0199	0.00	Q				V
23+25	0.0199	0.00	Q				V
23+30	0.0199	0.00	Q				V
23+35	0.0199	0.00	Q				V
23+40	0.0199	0.00	Q				V
23+45	0.0199	0.00	Q				V
23+50	0.0199	0.00	Q				V
23+55	0.0200	0.00	Q				V
24+ 0	0.0200	0.00	Q				V
24+ 5	0.0200	0.00	Q				V
24+10	0.0200	0.00	Q				V

Unit Hydrograph Analysis

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Study date 01/19/23 File: P21100.out

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Riverside County Synthetic Unit Hydrology Method
RCFC & WCD Manual date - April 1978

Program License Serial Number 6545

English (in-lb) Input Units Used
English Rainfall Data (Inches) Input Values Used

English Units used in output format

MENIFEE STAXUP STORAGE EXPANSION
PRELIMINARY DRAINAGE STUDY
EXISTING AREA P2
100-YEAR; 1-HOUR

Drainage Area = 0.16(Ac.) = 0.000 Sq. Mi.
Drainage Area for Depth-Area Area Adjustment = 0.16(Ac.) = 0.000 Sq. Mi.
Length along longest watercourse = 116.00(Ft.)
Length along longest watercourse measured to centroid = 58.00(Ft.)
Length along longest watercourse = 0.022 Mi.
Length along longest watercourse measured to centroid = 0.011 Mi.
Difference in elevation = 2.30(Ft.)
Slope along watercourse = 104.6897 Ft./Mi.
Average Manning's 'N' = 0.020
Lag time = 0.008 Hr.
Lag time = 0.50 Min.
25% of lag time = 0.13 Min.
40% of lag time = 0.20 Min.
Unit time = 5.00 Min.
Duration of storm = 1 Hour(s)
User Entered Base Flow = 0.00(CFS)

2 YEAR Area rainfall data:

Area(Ac.)[1]	Rainfall(In)[2]	weighting[1*2]
0.16	0.50	0.08

100 YEAR Area rainfall data:

Area(Ac.)[1]	Rainfall(In)[2]	weighting[1*2]
0.16	1.25	0.20

STORM EVENT (YEAR) = 100.00
Area Averaged 2-Year Rainfall = 0.500(In)
Area Averaged 100-Year Rainfall = 1.250(In)

Point rain (area averaged) = 1.250(In)
Areal adjustment factor = 100.00 %
Adjusted average point rain = 1.250(In)

Sub-Area Data:

Area(Ac.)	Runoff Index	Impervious %
0.160	78.00	0.000
Total Area Entered =	0.16(Ac.)	

RI RI Infil. Rate Impervious Adj. Infil. Rate Area% F
 AMC2 AMC-3 (In/Hr) (Dec.%) (In/Hr) (Dec.) (In/Hr)
 78.0 89.8 0.132 0.000 0.132 1.000 0.132
 Sum (F) = 0.132

Area averaged mean soil loss (F) (In/Hr) = 0.132
 Minimum soil loss rate ((In/Hr)) = 0.066
 (for 24 hour storm duration)
 Soil loss rate (decimal) = 0.900

Slope of intensity-duration curve for a 1 hour storm = 0.5300

U n i t H y d r o g r a p h
 VALLEY S-Curve

Unit Hydrograph Data

Unit time period (hrs)	Time % of lag	Distribution Graph %	Unit Hydrograph (CFS)
1	0.083	995.324	0.161
		Sum = 100.000	Sum = 0.161

The following loss rate calculations reflect use of the minimum calculated loss rate subtracted from the Storm Rain to produce the maximum Effective Rain value

Unit Time (Hr.)	Pattern Percent	Storm Rain (In/Hr)	Loss rate(In./Hr) Max	Loss rate(In./Hr) Low	Effective (In/Hr)
1	0.08	3.40	0.510	(0.132)	0.378
2	0.17	4.70	0.705	(0.132)	0.573
3	0.25	4.70	0.705	(0.132)	0.573
4	0.33	5.10	0.765	(0.132)	0.633
5	0.42	5.80	0.870	(0.132)	0.738
6	0.50	5.90	0.885	(0.132)	0.753
7	0.58	7.10	1.065	(0.132)	0.933
8	0.67	8.70	1.305	(0.132)	1.173
9	0.75	13.20	1.980	(0.132)	1.848
10	0.83	29.70	4.455	(0.132)	4.323
11	0.92	7.70	1.155	(0.132)	1.023
12	1.00	4.00	0.600	(0.132)	0.468

(Loss Rate Not Used)

Sum = 100.0 Sum = 13.4

Flood volume = Effective rainfall 1.12(In)
 times area 0.2(Ac.)/[In]/(Ft.) = 0.0(Ac.Ft)
 Total soil loss = 0.13(In)
 Total soil loss = 0.002(Ac.Ft)
 Total rainfall = 1.25(In)
 Flood volume = 649.2 Cubic Feet
 Total soil loss = 76.8 Cubic Feet

Peak flow rate of this hydrograph = 0.697(CFS)

1 - H O U R S T O R M
 R u n o f f H y d r o g r a p h

Hydrograph in 5 Minute intervals ((CFS))

Time(h+m)	Volume Ac.Ft	Q(CFS)	0	2.5	5.0	7.5	10.0
0+ 5	0.0004	0.06	QV				
0+10	0.0011	0.09	Q V				
0+15	0.0017	0.09	Q V				
0+20	0.0024	0.10	Q V				
0+25	0.0032	0.12	Q V				
0+30	0.0041	0.12	Q V				

0+35	0.0051	0.15	Q		v			
0+40	0.0064	0.19	Q			v		
0+45	0.0084	0.30	Q				v	
0+50	0.0132	0.70	Q					v
0+55	0.0144	0.16	Q					v
1+ 0	0.0149	0.08	Q					v

Unit Hydrograph Analysis

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Study date 01/19/23 File: P23100.out

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Riverside County Synthetic Unit Hydrology Method
RCFC & WCD Manual date - April 1978

Program License Serial Number 6545

English (in-lb) Input Units Used
English Rainfall Data (Inches) Input Values Used

English Units used in output format

MENIFEE STAXUP STORAGE EXPANSION
PRELIMINARY DRAINAGE STUDY
EXISTING AREA P2
100-YEAR; 3-HOUR

Drainage Area = 0.16(Ac.) = 0.000 Sq. Mi.
Drainage Area for Depth-Area Areal Adjustment = 0.16(Ac.) = 0.000 Sq. Mi.
Length along longest watercourse = 116.00(Ft.)
Length along longest watercourse measured to centroid = 58.00(Ft.)
Length along longest watercourse = 0.022 Mi.
Length along longest watercourse measured to centroid = 0.011 Mi.
Difference in elevation = 2.30(Ft.)
Slope along watercourse = 104.6897 Ft./Mi.
Average Manning's 'N' = 0.020
Lag time = 0.008 Hr.
Lag time = 0.50 Min.
25% of lag time = 0.13 Min.
40% of lag time = 0.20 Min.
Unit time = 5.00 Min.
Duration of storm = 3 Hour(s)
User Entered Base Flow = 0.00(CFS)

2 YEAR Area rainfall data:

Area(Ac.)[1]	Rainfall(In)[2]	weighting[1*2]
0.16	0.80	0.13

100 YEAR Area rainfall data:

Area(Ac.)[1]	Rainfall(In)[2]	weighting[1*2]
0.16	1.90	0.30

STORM EVENT (YEAR) = 100.00
Area Averaged 2-Year Rainfall = 0.800(In)
Area Averaged 100-Year Rainfall = 1.900(In)

Point rain (area averaged) = 1.900(In)
Areal adjustment factor = 100.00 %
Adjusted average point rain = 1.900(In)

Sub-Area Data:

Area(Ac.)	Runoff Index	Impervious %
0.160	78.00	0.000
Total Area Entered =	0.16(Ac.)	

RI	RI	Infil. Rate	Impervious	Adj. Infil. Rate	Area%	F
AMC2	AMC-3	(In/Hr)	(Dec.%)	(In/Hr)	(Dec.)	(In/Hr)
78.0	89.8	0.132	0.000	0.132	1.000	0.132
						Sum (F) = 0.132

Area averaged mean soil loss (F) (In/Hr) = 0.132

Minimum soil loss rate ((In/Hr)) = 0.066

(for 24 hour storm duration)

Soil loss rate (decimal) = 0.900

 U n i t H y d r o g r a p h
 VALLEY S-Curve

 Unit Hydrograph Data

Unit time period (hrs)	Time % of lag	Distribution Graph %	Unit Hydrograph (CFS)
1	0.083	995.324	0.161
		Sum = 100.000	Sum= 0.161

The following loss rate calculations reflect use of the minimum calculated loss rate subtracted from the Storm Rain to produce the maximum Effective Rain value

Unit Time (Hr.)	Pattern Percent	Storm Rain (In/Hr)	Loss rate(In./Hr)		Effective (In/Hr)
			Max	Low	
1	0.08	1.30	0.132	(0.267)	0.164
2	0.17	1.30	0.132	(0.267)	0.164
3	0.25	1.10	0.132	(0.226)	0.119
4	0.33	1.50	0.132	(0.308)	0.210
5	0.42	1.50	0.132	(0.308)	0.210
6	0.50	1.80	0.132	(0.369)	0.278
7	0.58	1.50	0.132	(0.308)	0.210
8	0.67	1.80	0.132	(0.369)	0.278
9	0.75	1.80	0.132	(0.369)	0.278
10	0.83	1.50	0.132	(0.308)	0.210
11	0.92	1.60	0.132	(0.328)	0.233
12	1.00	1.80	0.132	(0.369)	0.278
13	1.08	2.20	0.132	(0.451)	0.369
14	1.17	2.20	0.132	(0.451)	0.369
15	1.25	2.20	0.132	(0.451)	0.369
16	1.33	2.00	0.132	(0.410)	0.324
17	1.42	2.60	0.132	(0.534)	0.461
18	1.50	2.70	0.132	(0.554)	0.483
19	1.58	2.40	0.132	(0.492)	0.415
20	1.67	2.70	0.132	(0.554)	0.483
21	1.75	3.30	0.132	(0.677)	0.620
22	1.83	3.10	0.132	(0.636)	0.575
23	1.92	2.90	0.132	(0.595)	0.529
24	2.00	3.00	0.132	(0.616)	0.552
25	2.08	3.10	0.132	(0.636)	0.575
26	2.17	4.20	0.132	(0.862)	0.825
27	2.25	5.00	0.132	(1.026)	1.008
28	2.33	3.50	0.132	(0.718)	0.666
29	2.42	6.80	0.132	(1.395)	1.418
30	2.50	7.30	0.132	(1.498)	1.532
31	2.58	8.20	0.132	(1.683)	1.737
32	2.67	5.90	0.132	(1.211)	1.213
33	2.75	2.00	0.132	(0.410)	0.324
34	2.83	1.80	0.132	(0.369)	0.278
35	2.92	1.80	0.132	(0.369)	0.278
36	3.00	0.60	0.137	(0.123)	0.014

(Loss Rate Not Used)

Sum = 100.0 Sum = 18.0

Flood volume = Effective rainfall 1.50(In)

times area 0.2(Ac.)/[In)/(Ft.)] = 0.0(Ac.Ft)

Total soil loss = 0.40(In)

Total soil loss = 0.005(Ac.Ft)
 Total rainfall = 1.90(In)
 Flood volume = 873.5 Cubic Feet
 Total soil loss = 230.0 Cubic Feet

 Peak flow rate of this hydrograph = 0.280(CFS)

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3 - H O U R S T O R M
 R u n o f f H y d r o g r a p h

 Hydrograph in 5 Minute intervals ((CFS))

Time(h+m)	Volume Ac.Ft	Q(CFS)	0	2.5	5.0	7.5	10.0
0+ 5	0.0002	0.03	Q				
0+10	0.0004	0.03	Q				
0+15	0.0005	0.02	Q				
0+20	0.0007	0.03	QV				
0+25	0.0010	0.03	QV				
0+30	0.0013	0.04	Q V				
0+35	0.0015	0.03	Q V				
0+40	0.0018	0.04	Q V				
0+45	0.0021	0.04	Q V				
0+50	0.0024	0.03	Q V				
0+55	0.0026	0.04	Q V				
1+ 0	0.0029	0.04	Q V				
1+ 5	0.0033	0.06	Q V				
1+10	0.0037	0.06	Q V				
1+15	0.0042	0.06	Q V				
1+20	0.0045	0.05	Q V				
1+25	0.0050	0.07	Q V				
1+30	0.0056	0.08	Q V				
1+35	0.0060	0.07	Q V				
1+40	0.0066	0.08	Q V				
1+45	0.0072	0.10	Q V				
1+50	0.0079	0.09	Q V				
1+55	0.0085	0.09	Q V				
2+ 0	0.0091	0.09	Q V				
2+ 5	0.0097	0.09	Q V				
2+10	0.0106	0.13	Q V				
2+15	0.0118	0.16	Q V				
2+20	0.0125	0.11	Q V				
2+25	0.0141	0.23	Q V				
2+30	0.0158	0.25	Q V				
2+35	0.0177	0.28	Q V				
2+40	0.0191	0.20	Q V				
2+45	0.0194	0.05	Q V				
2+50	0.0197	0.04	Q V				
2+55	0.0200	0.04	Q V				
3+ 0	0.0201	0.00	Q V				

Unit Hydrograph Analysis

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Study date 01/19/23 File: P26100.out

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Riverside County Synthetic Unit Hydrology Method
RCFC & WCD Manual date - April 1978

Program License Serial Number 6545

English (in-lb) Input Units Used
English Rainfall Data (Inches) Input Values Used

English Units used in output format

MENIFEE STAXUP STORAGE EXPANSION
PRELIMINARY DRAINAGE STUDY
EXISTING AREA P2
100-YEAR; 6-HOUR

Drainage Area = 0.16(Ac.) = 0.000 Sq. Mi.
Drainage Area for Depth-Area Areal Adjustment = 0.16(Ac.) = 0.000 Sq. Mi.
Length along longest watercourse = 116.00(Ft.)
Length along longest watercourse measured to centroid = 58.00(Ft.)
Length along longest watercourse = 0.022 Mi.
Length along longest watercourse measured to centroid = 0.011 Mi.
Difference in elevation = 2.30(Ft.)
Slope along watercourse = 104.6897 Ft./Mi.
Average Manning's 'N' = 0.020
Lag time = 0.008 Hr.
Lag time = 0.50 Min.
25% of lag time = 0.13 Min.
40% of lag time = 0.20 Min.
Unit time = 5.00 Min.
Duration of storm = 6 Hour(s)
User Entered Base Flow = 0.00(CFS)

2 YEAR Area rainfall data:

Area(Ac.)[1]	Rainfall(In)[2]	weighting[1*2]
0.16	1.10	0.18

100 YEAR Area rainfall data:

Area(Ac.)[1]	Rainfall(In)[2]	weighting[1*2]
0.16	2.50	0.40

STORM EVENT (YEAR) = 100.00
Area Averaged 2-Year Rainfall = 1.100(In)
Area Averaged 100-Year Rainfall = 2.500(In)

Point rain (area averaged) = 2.500(In)
Areal adjustment factor = 100.00 %
Adjusted average point rain = 2.500(In)

Sub-Area Data:
Area(Ac.) Runoff Index Impervious %
0.160 78.00 0.000
Total Area Entered = 0.16(Ac.)

RI	RI	Infil. Rate	Impervious	Adj. Infil. Rate	Area%	F
AMC2	AMC-3	(In/Hr)	(Dec.%)	(In/Hr)	(Dec.)	(In/Hr)
78.0	89.8	0.132	0.000	0.132	1.000	0.132
						Sum (F) = 0.132

Area averaged mean soil loss (F) (In/Hr) = 0.132

Minimum soil loss rate ((In/Hr)) = 0.066

(for 24 hour storm duration)

Soil loss rate (decimal) = 0.900

U n i t H y d r o g r a p h
VALLEY S-Curve

Unit Hydrograph Data

Unit time period (hrs)	Time % of lag	Distribution Graph %	Unit Hydrograph (CFS)
1	0.083	995.324	0.161
		Sum = 100.000	Sum= 0.161

The following loss rate calculations reflect use of the minimum calculated loss rate subtracted from the Storm Rain to produce the maximum Effective Rain value

Unit Time (Hr.)	Pattern Percent	Storm Rain (In/Hr)	Loss rate(In./Hr)		Effective (In/Hr)
			Max	Low	
1	0.08	0.150	0.132	(0.135)	0.018
2	0.17	0.180	0.132	(0.162)	0.048
3	0.25	0.180	0.132	(0.162)	0.048
4	0.33	0.180	0.132	(0.162)	0.048
5	0.42	0.180	0.132	(0.162)	0.048
6	0.50	0.210	0.132	(0.189)	0.078
7	0.58	0.210	0.132	(0.189)	0.078
8	0.67	0.210	0.132	(0.189)	0.078
9	0.75	0.210	0.132	(0.189)	0.078
10	0.83	0.210	0.132	(0.189)	0.078
11	0.92	0.210	0.132	(0.189)	0.078
12	1.00	0.240	0.132	(0.216)	0.108
13	1.08	0.240	0.132	(0.216)	0.108
14	1.17	0.240	0.132	(0.216)	0.108
15	1.25	0.240	0.132	(0.216)	0.108
16	1.33	0.240	0.132	(0.216)	0.108
17	1.42	0.240	0.132	(0.216)	0.108
18	1.50	0.240	0.132	(0.216)	0.108
19	1.58	0.240	0.132	(0.216)	0.108
20	1.67	0.240	0.132	(0.216)	0.108
21	1.75	0.240	0.132	(0.216)	0.108
22	1.83	0.240	0.132	(0.216)	0.108
23	1.92	0.240	0.132	(0.216)	0.108
24	2.00	0.270	0.132	(0.243)	0.138
25	2.08	0.240	0.132	(0.216)	0.108
26	2.17	0.270	0.132	(0.243)	0.138
27	2.25	0.270	0.132	(0.243)	0.138
28	2.33	0.270	0.132	(0.243)	0.138
29	2.42	0.270	0.132	(0.243)	0.138
30	2.50	0.270	0.132	(0.243)	0.138
31	2.58	0.270	0.132	(0.243)	0.138
32	2.67	0.270	0.132	(0.243)	0.138
33	2.75	0.300	0.132	(0.270)	0.168
34	2.83	0.300	0.132	(0.270)	0.168
35	2.92	0.300	0.132	(0.270)	0.168
36	3.00	0.300	0.132	(0.270)	0.168
37	3.08	0.300	0.132	(0.270)	0.168
38	3.17	0.330	0.132	(0.297)	0.198
39	3.25	0.330	0.132	(0.297)	0.198
40	3.33	0.330	0.132	(0.297)	0.198
41	3.42	0.360	0.132	(0.324)	0.228

42	3.50	1.30	0.390	0.132	(0.351)	0.258
43	3.58	1.40	0.420	0.132	(0.378)	0.288
44	3.67	1.40	0.420	0.132	(0.378)	0.288
45	3.75	1.50	0.450	0.132	(0.405)	0.318
46	3.83	1.50	0.450	0.132	(0.405)	0.318
47	3.92	1.60	0.480	0.132	(0.432)	0.348
48	4.00	1.60	0.480	0.132	(0.432)	0.348
49	4.08	1.70	0.510	0.132	(0.459)	0.378
50	4.17	1.80	0.540	0.132	(0.486)	0.408
51	4.25	1.90	0.570	0.132	(0.513)	0.438
52	4.33	2.00	0.600	0.132	(0.540)	0.468
53	4.42	2.10	0.630	0.132	(0.567)	0.498
54	4.50	2.10	0.630	0.132	(0.567)	0.498
55	4.58	2.20	0.660	0.132	(0.594)	0.528
56	4.67	2.30	0.690	0.132	(0.621)	0.558
57	4.75	2.40	0.720	0.132	(0.648)	0.588
58	4.83	2.40	0.720	0.132	(0.648)	0.588
59	4.92	2.50	0.750	0.132	(0.675)	0.618
60	5.00	2.60	0.780	0.132	(0.702)	0.648
61	5.08	3.10	0.930	0.132	(0.837)	0.798
62	5.17	3.60	1.080	0.132	(0.972)	0.948
63	5.25	3.90	1.170	0.132	(1.053)	1.038
64	5.33	4.20	1.260	0.132	(1.134)	1.128
65	5.42	4.70	1.410	0.132	(1.269)	1.278
66	5.50	5.60	1.680	0.132	(1.512)	1.548
67	5.58	1.90	0.570	0.132	(0.513)	0.438
68	5.67	0.90	0.270	0.132	(0.243)	0.138
69	5.75	0.60	0.180	0.132	(0.162)	0.048
70	5.83	0.50	0.150	0.132	(0.135)	0.018
71	5.92	0.30	0.090	(0.132)	0.081	0.009
72	6.00	0.20	0.060	(0.132)	0.054	0.006

(Loss Rate Not Used)

Sum = 100.0 Sum = 20.6

Flood volume = Effective rainfall 1.72(In)
times area 0.2(Ac.)/[((In)/(Ft.))] = 0.0(Ac.Ft)

Total soil loss = 0.78(In)
Total soil loss = 0.010(Ac.Ft)
Total rainfall = 2.50(In)
Flood volume = 997.3 Cubic Feet
Total soil loss = 454.7 Cubic Feet

Peak flow rate of this hydrograph = 0.250(CFS)

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6 - H O U R S T O R M
R u n o f f H y d r o g r a p h

Hydrograph in 5 Minute intervals ((CFS))

Time(h+m)	Volume Ac.Ft	Q(CFS)	0	2.5	5.0	7.5	10.0
0+ 5	0.0000	0.00	Q				
0+10	0.0001	0.01	Q				
0+15	0.0001	0.01	Q				
0+20	0.0002	0.01	Q				
0+25	0.0002	0.01	Q				
0+30	0.0003	0.01	Q				
0+35	0.0004	0.01	Q				
0+40	0.0005	0.01	Q				
0+45	0.0006	0.01	QV				
0+50	0.0007	0.01	QV				
0+55	0.0007	0.01	QV				
1+ 0	0.0009	0.02	QV				
1+ 5	0.0010	0.02	QV				
1+10	0.0011	0.02	QV				
1+15	0.0012	0.02	Q V				
1+20	0.0013	0.02	Q V				
1+25	0.0015	0.02	Q V				
1+30	0.0016	0.02	Q V				
1+35	0.0017	0.02	Q V				

1+40	0.0018	0.02	Q	V				
1+45	0.0019	0.02	Q	V				
1+50	0.0021	0.02	Q	V				
1+55	0.0022	0.02	Q	V				
2+ 0	0.0023	0.02	Q	V				
2+ 5	0.0025	0.02	Q	V				
2+10	0.0026	0.02	Q	V				
2+15	0.0028	0.02	Q	V				
2+20	0.0029	0.02	Q	V				
2+25	0.0031	0.02	Q	V				
2+30	0.0032	0.02	Q	V				
2+35	0.0034	0.02	Q	V				
2+40	0.0035	0.02	Q	V				
2+45	0.0037	0.03	Q	V				
2+50	0.0039	0.03	Q	V				
2+55	0.0041	0.03	Q	V				
3+ 0	0.0043	0.03	Q	V				
3+ 5	0.0045	0.03	Q	V				
3+10	0.0047	0.03	Q	V				
3+15	0.0049	0.03	Q	V				
3+20	0.0051	0.03	Q	V				
3+25	0.0054	0.04	Q	V				
3+30	0.0057	0.04	Q	V				
3+35	0.0060	0.05	Q	V				
3+40	0.0063	0.05	Q	V				
3+45	0.0067	0.05	Q	V				
3+50	0.0070	0.05	Q	V				
3+55	0.0074	0.06	Q	V				
4+ 0	0.0078	0.06	Q	V				
4+ 5	0.0082	0.06	Q	V				
4+10	0.0087	0.07	Q	V				
4+15	0.0091	0.07	Q	V				
4+20	0.0097	0.08	Q	V				
4+25	0.0102	0.08	Q	V				
4+30	0.0108	0.08	Q	V				
4+35	0.0113	0.09	Q	V				
4+40	0.0120	0.09	Q	V				
4+45	0.0126	0.09	Q	V				
4+50	0.0133	0.09	Q	V				
4+55	0.0140	0.10	Q	V				
5+ 0	0.0147	0.10	Q	V				
5+ 5	0.0156	0.13	Q	V				
5+10	0.0166	0.15	Q	V				
5+15	0.0178	0.17	Q	V				
5+20	0.0190	0.18	Q	V				
5+25	0.0204	0.21	Q	V				
5+30	0.0222	0.25	Q	V				
5+35	0.0227	0.07	Q	V				
5+40	0.0228	0.02	Q	V				
5+45	0.0229	0.01	Q	V				
5+50	0.0229	0.00	Q	V				
5+55	0.0229	0.00	Q	V				
6+ 0	0.0229	0.00	Q	V				

Unit Hydrograph Analysis

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Study date 01/19/23 File: P224100.out

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Riverside County Synthetic Unit Hydrology Method
RCFC & WCD Manual date - April 1978

Program License Serial Number 6545

English (in-lb) Input Units Used
English Rainfall Data (Inches) Input Values Used

English Units used in output format

MENIFEE STAXUP STORAGE EXPANSION
PRELIMINARY DRAINAGE STUDY
EXISTING AREA P2
100-YEAR; 24-HOUR

Drainage Area = 0.16(Ac.) = 0.000 Sq. Mi.
Drainage Area for Depth-Area Areal Adjustment = 0.16(Ac.) = 0.000 Sq. Mi.
Length along longest watercourse = 116.00(Ft.)
Length along longest watercourse measured to centroid = 58.00(Ft.)
Length along longest watercourse = 0.022 Mi.
Length along longest watercourse measured to centroid = 0.011 Mi.
Difference in elevation = 2.30(Ft.)
Slope along watercourse = 104.6897 Ft./Mi.
Average Manning's 'N' = 0.020
Lag time = 0.008 Hr.
Lag time = 0.50 Min.
25% of lag time = 0.13 Min.
40% of lag time = 0.20 Min.
Unit time = 5.00 Min.
Duration of storm = 24 Hour(s)
User Entered Base Flow = 0.00(CFS)

2 YEAR Area rainfall data:

Area(Ac.)[1]	Rainfall(In)[2]	weighting[1*2]
0.16	1.80	0.29

100 YEAR Area rainfall data:

Area(Ac.)[1]	Rainfall(In)[2]	weighting[1*2]
0.16	4.90	0.78

STORM EVENT (YEAR) = 100.00
Area Averaged 2-Year Rainfall = 1.800(In)
Area Averaged 100-Year Rainfall = 4.900(In)

Point rain (area averaged) = 4.900(In)
Areal adjustment factor = 100.00 %
Adjusted average point rain = 4.900(In)

Sub-Area Data:

Area(Ac.)	Runoff Index	Impervious %
0.160	78.00	0.000
Total Area Entered = 0.16(Ac.)		

RI	RI	Infil. Rate	Impervious	Adj. Infil. Rate	Area%	F
AMC2	AMC-3	(In/Hr)	(Dec.%)	(In/Hr)	(Dec.)	(In/Hr)
78.0	89.8	0.132	0.000	0.132	1.000	0.132
						Sum (F) = 0.132

Area averaged mean soil loss (F) (In/Hr) = 0.132

Minimum soil loss rate ((In/Hr)) = 0.066

(for 24 hour storm duration)

Soil loss rate (decimal) = 0.900

U n i t H y d r o g r a p h
VALLEY S-Curve

Unit Hydrograph Data

Unit time period (hrs)	Time % of lag	Distribution Graph %	Unit Hydrograph (CFS)
1	0.083	995.324	0.161
		Sum = 100.000	Sum= 0.161

The following loss rate calculations reflect use of the minimum calculated loss rate subtracted from the Storm Rain to produce the maximum Effective Rain value

Unit Time (Hr.)	Pattern Percent	Storm Rain (In/Hr)	Loss rate(In./Hr)		Effective (In/Hr)
			Max	Low	
1	0.08	0.07	(0.234)	0.035	0.004
2	0.17	0.07	(0.234)	0.035	0.004
3	0.25	0.07	(0.233)	0.035	0.004
4	0.33	0.10	(0.232)	0.053	0.006
5	0.42	0.10	(0.231)	0.053	0.006
6	0.50	0.10	(0.230)	0.053	0.006
7	0.58	0.10	(0.229)	0.053	0.006
8	0.67	0.10	(0.228)	0.053	0.006
9	0.75	0.10	(0.227)	0.053	0.006
10	0.83	0.13	(0.226)	0.071	0.008
11	0.92	0.13	(0.226)	0.071	0.008
12	1.00	0.13	(0.225)	0.071	0.008
13	1.08	0.10	(0.224)	0.053	0.006
14	1.17	0.10	(0.223)	0.053	0.006
15	1.25	0.10	(0.222)	0.053	0.006
16	1.33	0.10	(0.221)	0.053	0.006
17	1.42	0.10	(0.220)	0.053	0.006
18	1.50	0.10	(0.219)	0.053	0.006
19	1.58	0.10	(0.218)	0.053	0.006
20	1.67	0.10	(0.218)	0.053	0.006
21	1.75	0.10	(0.217)	0.053	0.006
22	1.83	0.13	(0.216)	0.071	0.008
23	1.92	0.13	(0.215)	0.071	0.008
24	2.00	0.13	(0.214)	0.071	0.008
25	2.08	0.13	(0.213)	0.071	0.008
26	2.17	0.13	(0.212)	0.071	0.008
27	2.25	0.13	(0.211)	0.071	0.008
28	2.33	0.13	(0.211)	0.071	0.008
29	2.42	0.13	(0.210)	0.071	0.008
30	2.50	0.13	(0.209)	0.071	0.008
31	2.58	0.17	(0.208)	0.088	0.010
32	2.67	0.17	(0.207)	0.088	0.010
33	2.75	0.17	(0.206)	0.088	0.010
34	2.83	0.17	(0.206)	0.088	0.010
35	2.92	0.17	(0.205)	0.088	0.010
36	3.00	0.17	(0.204)	0.088	0.010
37	3.08	0.17	(0.203)	0.088	0.010
38	3.17	0.17	(0.202)	0.088	0.010
39	3.25	0.17	(0.201)	0.088	0.010
40	3.33	0.17	(0.200)	0.088	0.010
41	3.42	0.17	(0.200)	0.088	0.010

42	3.50	0.17	0.098	(0.199)	0.088	0.010
43	3.58	0.17	0.098	(0.198)	0.088	0.010
44	3.67	0.17	0.098	(0.197)	0.088	0.010
45	3.75	0.17	0.098	(0.196)	0.088	0.010
46	3.83	0.20	0.118	(0.195)	0.106	0.012
47	3.92	0.20	0.118	(0.195)	0.106	0.012
48	4.00	0.20	0.118	(0.194)	0.106	0.012
49	4.08	0.20	0.118	(0.193)	0.106	0.012
50	4.17	0.20	0.118	(0.192)	0.106	0.012
51	4.25	0.20	0.118	(0.191)	0.106	0.012
52	4.33	0.23	0.137	(0.191)	0.123	0.014
53	4.42	0.23	0.137	(0.190)	0.123	0.014
54	4.50	0.23	0.137	(0.189)	0.123	0.014
55	4.58	0.23	0.137	(0.188)	0.123	0.014
56	4.67	0.23	0.137	(0.187)	0.123	0.014
57	4.75	0.23	0.137	(0.186)	0.123	0.014
58	4.83	0.27	0.157	(0.186)	0.141	0.016
59	4.92	0.27	0.157	(0.185)	0.141	0.016
60	5.00	0.27	0.157	(0.184)	0.141	0.016
61	5.08	0.20	0.118	(0.183)	0.106	0.012
62	5.17	0.20	0.118	(0.182)	0.106	0.012
63	5.25	0.20	0.118	(0.182)	0.106	0.012
64	5.33	0.23	0.137	(0.181)	0.123	0.014
65	5.42	0.23	0.137	(0.180)	0.123	0.014
66	5.50	0.23	0.137	(0.179)	0.123	0.014
67	5.58	0.27	0.157	(0.179)	0.141	0.016
68	5.67	0.27	0.157	(0.178)	0.141	0.016
69	5.75	0.27	0.157	(0.177)	0.141	0.016
70	5.83	0.27	0.157	(0.176)	0.141	0.016
71	5.92	0.27	0.157	(0.175)	0.141	0.016
72	6.00	0.27	0.157	(0.175)	0.141	0.016
73	6.08	0.30	0.176	(0.174)	0.159	0.018
74	6.17	0.30	0.176	(0.173)	0.159	0.018
75	6.25	0.30	0.176	(0.172)	0.159	0.018
76	6.33	0.30	0.176	(0.172)	0.159	0.018
77	6.42	0.30	0.176	(0.171)	0.159	0.018
78	6.50	0.30	0.176	(0.170)	0.159	0.018
79	6.58	0.33	0.196	0.169 (0.176)		0.027
80	6.67	0.33	0.196	0.168 (0.176)		0.028
81	6.75	0.33	0.196	0.168 (0.176)		0.028
82	6.83	0.33	0.196	0.167 (0.176)		0.029
83	6.92	0.33	0.196	0.166 (0.176)		0.030
84	7.00	0.33	0.196	0.165 (0.176)		0.031
85	7.08	0.33	0.196	0.165 (0.176)		0.031
86	7.17	0.33	0.196	0.164 (0.176)		0.032
87	7.25	0.33	0.196	0.163 (0.176)		0.033
88	7.33	0.37	0.216	0.162 (0.194)		0.053
89	7.42	0.37	0.216	0.162 (0.194)		0.054
90	7.50	0.37	0.216	0.161 (0.194)		0.055
91	7.58	0.40	0.235	0.160 (0.212)		0.075
92	7.67	0.40	0.235	0.159 (0.212)		0.076
93	7.75	0.40	0.235	0.159 (0.212)		0.076
94	7.83	0.43	0.255	0.158 (0.229)		0.097
95	7.92	0.43	0.255	0.157 (0.229)		0.098
96	8.00	0.43	0.255	0.157 (0.229)		0.098
97	8.08	0.50	0.294	0.156 (0.265)		0.138
98	8.17	0.50	0.294	0.155 (0.265)		0.139
99	8.25	0.50	0.294	0.154 (0.265)		0.140
100	8.33	0.50	0.294	0.154 (0.265)		0.140
101	8.42	0.50	0.294	0.153 (0.265)		0.141
102	8.50	0.50	0.294	0.152 (0.265)		0.142
103	8.58	0.53	0.314	0.152 (0.282)		0.162
104	8.67	0.53	0.314	0.151 (0.282)		0.163
105	8.75	0.53	0.314	0.150 (0.282)		0.164
106	8.83	0.57	0.333	0.149 (0.300)		0.184
107	8.92	0.57	0.333	0.149 (0.300)		0.185
108	9.00	0.57	0.333	0.148 (0.300)		0.185
109	9.08	0.63	0.372	0.147 (0.335)		0.225
110	9.17	0.63	0.372	0.147 (0.335)		0.226
111	9.25	0.63	0.372	0.146 (0.335)		0.227
112	9.33	0.67	0.392	0.145 (0.353)		0.247

113	9.42	0.67	0.392	0.144	(0.353)	0.248
114	9.50	0.67	0.392	0.144	(0.353)	0.248
115	9.58	0.70	0.412	0.143	(0.370)	0.269
116	9.67	0.70	0.412	0.142	(0.370)	0.269
117	9.75	0.70	0.412	0.142	(0.370)	0.270
118	9.83	0.73	0.431	0.141	(0.388)	0.290
119	9.92	0.73	0.431	0.140	(0.388)	0.291
120	10.00	0.73	0.431	0.140	(0.388)	0.292
121	10.08	0.50	0.294	0.139	(0.265)	0.155
122	10.17	0.50	0.294	0.138	(0.265)	0.156
123	10.25	0.50	0.294	0.138	(0.265)	0.156
124	10.33	0.50	0.294	0.137	(0.265)	0.157
125	10.42	0.50	0.294	0.136	(0.265)	0.158
126	10.50	0.50	0.294	0.136	(0.265)	0.158
127	10.58	0.67	0.392	0.135	(0.353)	0.257
128	10.67	0.67	0.392	0.134	(0.353)	0.258
129	10.75	0.67	0.392	0.134	(0.353)	0.258
130	10.83	0.67	0.392	0.133	(0.353)	0.259
131	10.92	0.67	0.392	0.132	(0.353)	0.260
132	11.00	0.67	0.392	0.132	(0.353)	0.260
133	11.08	0.63	0.372	0.131	(0.335)	0.241
134	11.17	0.63	0.372	0.130	(0.335)	0.242
135	11.25	0.63	0.372	0.130	(0.335)	0.243
136	11.33	0.63	0.372	0.129	(0.335)	0.243
137	11.42	0.63	0.372	0.129	(0.335)	0.244
138	11.50	0.63	0.372	0.128	(0.335)	0.245
139	11.58	0.57	0.333	0.127	(0.300)	0.206
140	11.67	0.57	0.333	0.127	(0.300)	0.207
141	11.75	0.57	0.333	0.126	(0.300)	0.207
142	11.83	0.60	0.353	0.125	(0.318)	0.227
143	11.92	0.60	0.353	0.125	(0.318)	0.228
144	12.00	0.60	0.353	0.124	(0.318)	0.229
145	12.08	0.83	0.490	0.123	(0.441)	0.367
146	12.17	0.83	0.490	0.123	(0.441)	0.367
147	12.25	0.83	0.490	0.122	(0.441)	0.368
148	12.33	0.87	0.510	0.122	(0.459)	0.388
149	12.42	0.87	0.510	0.121	(0.459)	0.389
150	12.50	0.87	0.510	0.120	(0.459)	0.389
151	12.58	0.93	0.549	0.120	(0.494)	0.429
152	12.67	0.93	0.549	0.119	(0.494)	0.430
153	12.75	0.93	0.549	0.119	(0.494)	0.430
154	12.83	0.97	0.568	0.118	(0.512)	0.450
155	12.92	0.97	0.568	0.117	(0.512)	0.451
156	13.00	0.97	0.568	0.117	(0.512)	0.452
157	13.08	1.13	0.666	0.116	(0.600)	0.550
158	13.17	1.13	0.666	0.116	(0.600)	0.551
159	13.25	1.13	0.666	0.115	(0.600)	0.551
160	13.33	1.13	0.666	0.114	(0.600)	0.552
161	13.42	1.13	0.666	0.114	(0.600)	0.553
162	13.50	1.13	0.666	0.113	(0.600)	0.553
163	13.58	0.77	0.451	0.113	(0.406)	0.338
164	13.67	0.77	0.451	0.112	(0.406)	0.339
165	13.75	0.77	0.451	0.112	(0.406)	0.339
166	13.83	0.77	0.451	0.111	(0.406)	0.340
167	13.92	0.77	0.451	0.110	(0.406)	0.340
168	14.00	0.77	0.451	0.110	(0.406)	0.341
169	14.08	0.90	0.529	0.109	(0.476)	0.420
170	14.17	0.90	0.529	0.109	(0.476)	0.420
171	14.25	0.90	0.529	0.108	(0.476)	0.421
172	14.33	0.87	0.510	0.108	(0.459)	0.402
173	14.42	0.87	0.510	0.107	(0.459)	0.403
174	14.50	0.87	0.510	0.107	(0.459)	0.403
175	14.58	0.87	0.510	0.106	(0.459)	0.404
176	14.67	0.87	0.510	0.105	(0.459)	0.404
177	14.75	0.87	0.510	0.105	(0.459)	0.405
178	14.83	0.83	0.490	0.104	(0.441)	0.386
179	14.92	0.83	0.490	0.104	(0.441)	0.386
180	15.00	0.83	0.490	0.103	(0.441)	0.387
181	15.08	0.80	0.470	0.103	(0.423)	0.368
182	15.17	0.80	0.470	0.102	(0.423)	0.368
183	15.25	0.80	0.470	0.102	(0.423)	0.369

184	15.33	0.77	0.451	0.101	(0.406)	0.350
185	15.42	0.77	0.451	0.101	(0.406)	0.350
186	15.50	0.77	0.451	0.100	(0.406)	0.351
187	15.58	0.63	0.372	0.100	(0.335)	0.273
188	15.67	0.63	0.372	0.099	(0.335)	0.273
189	15.75	0.63	0.372	0.099	(0.335)	0.274
190	15.83	0.63	0.372	0.098	(0.335)	0.274
191	15.92	0.63	0.372	0.098	(0.335)	0.275
192	16.00	0.63	0.372	0.097	(0.335)	0.275
193	16.08	0.13	0.078	(0.097)	0.071	0.008
194	16.17	0.13	0.078	(0.096)	0.071	0.008
195	16.25	0.13	0.078	(0.096)	0.071	0.008
196	16.33	0.13	0.078	(0.095)	0.071	0.008
197	16.42	0.13	0.078	(0.095)	0.071	0.008
198	16.50	0.13	0.078	(0.094)	0.071	0.008
199	16.58	0.10	0.059	(0.094)	0.053	0.006
200	16.67	0.10	0.059	(0.093)	0.053	0.006
201	16.75	0.10	0.059	(0.093)	0.053	0.006
202	16.83	0.10	0.059	(0.092)	0.053	0.006
203	16.92	0.10	0.059	(0.092)	0.053	0.006
204	17.00	0.10	0.059	(0.091)	0.053	0.006
205	17.08	0.17	0.098	(0.091)	0.088	0.010
206	17.17	0.17	0.098	(0.090)	0.088	0.010
207	17.25	0.17	0.098	(0.090)	0.088	0.010
208	17.33	0.17	0.098	(0.090)	0.088	0.010
209	17.42	0.17	0.098	(0.089)	0.088	0.010
210	17.50	0.17	0.098	(0.089)	0.088	0.010
211	17.58	0.17	0.098	(0.088)	0.088	0.010
212	17.67	0.17	0.098	0.088	(0.088)	0.010
213	17.75	0.17	0.098	0.087	(0.088)	0.011
214	17.83	0.13	0.078	(0.087)	0.071	0.008
215	17.92	0.13	0.078	(0.086)	0.071	0.008
216	18.00	0.13	0.078	(0.086)	0.071	0.008
217	18.08	0.13	0.078	(0.086)	0.071	0.008
218	18.17	0.13	0.078	(0.085)	0.071	0.008
219	18.25	0.13	0.078	(0.085)	0.071	0.008
220	18.33	0.13	0.078	(0.084)	0.071	0.008
221	18.42	0.13	0.078	(0.084)	0.071	0.008
222	18.50	0.13	0.078	(0.084)	0.071	0.008
223	18.58	0.10	0.059	(0.083)	0.053	0.006
224	18.67	0.10	0.059	(0.083)	0.053	0.006
225	18.75	0.10	0.059	(0.082)	0.053	0.006
226	18.83	0.07	0.039	(0.082)	0.035	0.004
227	18.92	0.07	0.039	(0.082)	0.035	0.004
228	19.00	0.07	0.039	(0.081)	0.035	0.004
229	19.08	0.10	0.059	(0.081)	0.053	0.006
230	19.17	0.10	0.059	(0.080)	0.053	0.006
231	19.25	0.10	0.059	(0.080)	0.053	0.006
232	19.33	0.13	0.078	(0.080)	0.071	0.008
233	19.42	0.13	0.078	(0.079)	0.071	0.008
234	19.50	0.13	0.078	(0.079)	0.071	0.008
235	19.58	0.10	0.059	(0.079)	0.053	0.006
236	19.67	0.10	0.059	(0.078)	0.053	0.006
237	19.75	0.10	0.059	(0.078)	0.053	0.006
238	19.83	0.07	0.039	(0.078)	0.035	0.004
239	19.92	0.07	0.039	(0.077)	0.035	0.004
240	20.00	0.07	0.039	(0.077)	0.035	0.004
241	20.08	0.10	0.059	(0.076)	0.053	0.006
242	20.17	0.10	0.059	(0.076)	0.053	0.006
243	20.25	0.10	0.059	(0.076)	0.053	0.006
244	20.33	0.10	0.059	(0.075)	0.053	0.006
245	20.42	0.10	0.059	(0.075)	0.053	0.006
246	20.50	0.10	0.059	(0.075)	0.053	0.006
247	20.58	0.10	0.059	(0.075)	0.053	0.006
248	20.67	0.10	0.059	(0.074)	0.053	0.006
249	20.75	0.10	0.059	(0.074)	0.053	0.006
250	20.83	0.07	0.039	(0.074)	0.035	0.004
251	20.92	0.07	0.039	(0.073)	0.035	0.004
252	21.00	0.07	0.039	(0.073)	0.035	0.004
253	21.08	0.10	0.059	(0.073)	0.053	0.006
254	21.17	0.10	0.059	(0.072)	0.053	0.006

1+25	0.0001	0.00	Q
1+30	0.0001	0.00	Q
1+35	0.0001	0.00	Q
1+40	0.0001	0.00	Q
1+45	0.0001	0.00	Q
1+50	0.0001	0.00	Q
1+55	0.0002	0.00	Q
2+ 0	0.0002	0.00	Q
2+ 5	0.0002	0.00	Q
2+10	0.0002	0.00	Q
2+15	0.0002	0.00	Q
2+20	0.0002	0.00	Q
2+25	0.0002	0.00	Q
2+30	0.0002	0.00	Q
2+35	0.0002	0.00	Q
2+40	0.0002	0.00	Q
2+45	0.0002	0.00	Q
2+50	0.0003	0.00	Q
2+55	0.0003	0.00	Q
3+ 0	0.0003	0.00	Q
3+ 5	0.0003	0.00	Q
3+10	0.0003	0.00	Q
3+15	0.0003	0.00	Q
3+20	0.0003	0.00	Q
3+25	0.0003	0.00	Q
3+30	0.0003	0.00	Q
3+35	0.0004	0.00	Q
3+40	0.0004	0.00	Q
3+45	0.0004	0.00	Q
3+50	0.0004	0.00	Q
3+55	0.0004	0.00	Q
4+ 0	0.0004	0.00	Q
4+ 5	0.0004	0.00	Q
4+10	0.0004	0.00	Q
4+15	0.0005	0.00	Q
4+20	0.0005	0.00	Q
4+25	0.0005	0.00	Q
4+30	0.0005	0.00	Q
4+35	0.0005	0.00	Q
4+40	0.0005	0.00	Q
4+45	0.0005	0.00	Q
4+50	0.0006	0.00	Q
4+55	0.0006	0.00	Q
5+ 0	0.0006	0.00	Q
5+ 5	0.0006	0.00	Q
5+10	0.0006	0.00	Q
5+15	0.0006	0.00	Q
5+20	0.0007	0.00	Q
5+25	0.0007	0.00	Q
5+30	0.0007	0.00	Q
5+35	0.0007	0.00	Q
5+40	0.0007	0.00	Q
5+45	0.0007	0.00	Q
5+50	0.0008	0.00	Q
5+55	0.0008	0.00	Q
6+ 0	0.0008	0.00	Q
6+ 5	0.0008	0.00	Q
6+10	0.0008	0.00	Q
6+15	0.0008	0.00	Q
6+20	0.0009	0.00	Q
6+25	0.0009	0.00	QV
6+30	0.0009	0.00	QV
6+35	0.0009	0.00	QV
6+40	0.0010	0.00	QV
6+45	0.0010	0.00	QV
6+50	0.0010	0.00	QV
6+55	0.0011	0.00	QV
7+ 0	0.0011	0.00	QV
7+ 5	0.0011	0.01	QV
7+10	0.0012	0.01	QV
7+15	0.0012	0.01	QV

7+20	0.0013	0.01	QV				
7+25	0.0013	0.01	QV				
7+30	0.0014	0.01	QV				
7+35	0.0015	0.01	QV				
7+40	0.0016	0.01	QV				
7+45	0.0016	0.01	QV				
7+50	0.0017	0.02	QV				
7+55	0.0019	0.02	Q V				
8+ 0	0.0020	0.02	Q V				
8+ 5	0.0021	0.02	Q V				
8+10	0.0023	0.02	Q V				
8+15	0.0024	0.02	Q V				
8+20	0.0026	0.02	Q V				
8+25	0.0027	0.02	Q V				
8+30	0.0029	0.02	Q V				
8+35	0.0031	0.03	Q V				
8+40	0.0033	0.03	Q V				
8+45	0.0034	0.03	Q V				
8+50	0.0036	0.03	Q V				
8+55	0.0038	0.03	Q V				
9+ 0	0.0041	0.03	Q V				
9+ 5	0.0043	0.04	Q V				
9+10	0.0046	0.04	Q V				
9+15	0.0048	0.04	Q V				
9+20	0.0051	0.04	Q V				
9+25	0.0054	0.04	Q V				
9+30	0.0056	0.04	Q V				
9+35	0.0059	0.04	Q V				
9+40	0.0062	0.04	Q V				
9+45	0.0065	0.04	Q V				
9+50	0.0069	0.05	Q V				
9+55	0.0072	0.05	Q V				
10+ 0	0.0075	0.05	Q V				
10+ 5	0.0077	0.03	Q V				
10+10	0.0078	0.03	Q V				
10+15	0.0080	0.03	Q V				
10+20	0.0082	0.03	Q V				
10+25	0.0084	0.03	Q V				
10+30	0.0085	0.03	Q V				
10+35	0.0088	0.04	Q V				
10+40	0.0091	0.04	Q V				
10+45	0.0094	0.04	Q V				
10+50	0.0097	0.04	Q V				
10+55	0.0100	0.04	Q V				
11+ 0	0.0103	0.04	Q V				
11+ 5	0.0105	0.04	Q V				
11+10	0.0108	0.04	Q V				
11+15	0.0111	0.04	Q V				
11+20	0.0113	0.04	Q V				
11+25	0.0116	0.04	Q V				
11+30	0.0119	0.04	Q V				
11+35	0.0121	0.03	Q V				
11+40	0.0123	0.03	Q V				
11+45	0.0126	0.03	Q V				
11+50	0.0128	0.04	Q V				
11+55	0.0131	0.04	Q V				
12+ 0	0.0133	0.04	Q V				
12+ 5	0.0137	0.06	Q V				
12+10	0.0142	0.06	Q V				
12+15	0.0146	0.06	Q V				
12+20	0.0150	0.06	Q V				
12+25	0.0154	0.06	Q V				
12+30	0.0159	0.06	Q V				
12+35	0.0163	0.07	Q V				
12+40	0.0168	0.07	Q V				
12+45	0.0173	0.07	Q V				
12+50	0.0178	0.07	Q V				
12+55	0.0183	0.07	Q V				
13+ 0	0.0188	0.07	Q V				
13+ 5	0.0194	0.09	Q V				
13+10	0.0200	0.09	Q V				

13+15	0.0206	0.09	Q						
13+20	0.0212	0.09	Q						
13+25	0.0219	0.09	Q						
13+30	0.0225	0.09	Q						
13+35	0.0228	0.05	Q						
13+40	0.0232	0.05	Q						
13+45	0.0236	0.05	Q						
13+50	0.0240	0.05	Q						
13+55	0.0244	0.05	Q						
14+ 0	0.0247	0.06	Q						
14+ 5	0.0252	0.07	Q						
14+10	0.0257	0.07	Q						
14+15	0.0261	0.07	Q						
14+20	0.0266	0.06	Q						
14+25	0.0270	0.06	Q						
14+30	0.0275	0.07	Q						
14+35	0.0279	0.07	Q						
14+40	0.0284	0.07	Q						
14+45	0.0288	0.07	Q						
14+50	0.0293	0.06	Q						
14+55	0.0297	0.06	Q						
15+ 0	0.0301	0.06	Q						
15+ 5	0.0305	0.06	Q						
15+10	0.0309	0.06	Q						
15+15	0.0313	0.06	Q						
15+20	0.0317	0.06	Q						
15+25	0.0321	0.06	Q						
15+30	0.0325	0.06	Q						
15+35	0.0328	0.04	Q						
15+40	0.0331	0.04	Q						
15+45	0.0334	0.04	Q						
15+50	0.0337	0.04	Q						
15+55	0.0340	0.04	Q						
16+ 0	0.0343	0.04	Q						
16+ 5	0.0343	0.00	Q						
16+10	0.0343	0.00	Q						
16+15	0.0344	0.00	Q						
16+20	0.0344	0.00	Q						
16+25	0.0344	0.00	Q						
16+30	0.0344	0.00	Q						
16+35	0.0344	0.00	Q						
16+40	0.0344	0.00	Q						
16+45	0.0344	0.00	Q						
16+50	0.0344	0.00	Q						
16+55	0.0344	0.00	Q						
17+ 0	0.0344	0.00	Q						
17+ 5	0.0344	0.00	Q						
17+10	0.0344	0.00	Q						
17+15	0.0345	0.00	Q						
17+20	0.0345	0.00	Q						
17+25	0.0345	0.00	Q						
17+30	0.0345	0.00	Q						
17+35	0.0345	0.00	Q						
17+40	0.0345	0.00	Q						
17+45	0.0345	0.00	Q						
17+50	0.0345	0.00	Q						
17+55	0.0345	0.00	Q						
18+ 0	0.0345	0.00	Q						
18+ 5	0.0346	0.00	Q						
18+10	0.0346	0.00	Q						
18+15	0.0346	0.00	Q						
18+20	0.0346	0.00	Q						
18+25	0.0346	0.00	Q						
18+30	0.0346	0.00	Q						
18+35	0.0346	0.00	Q						
18+40	0.0346	0.00	Q						
18+45	0.0346	0.00	Q						
18+50	0.0346	0.00	Q						
18+55	0.0346	0.00	Q						
19+ 0	0.0346	0.00	Q						
19+ 5	0.0346	0.00	Q						

19+10	0.0346	0.00	Q				V
19+15	0.0347	0.00	Q				V
19+20	0.0347	0.00	Q				V
19+25	0.0347	0.00	Q				V
19+30	0.0347	0.00	Q				V
19+35	0.0347	0.00	Q				V
19+40	0.0347	0.00	Q				V
19+45	0.0347	0.00	Q				V
19+50	0.0347	0.00	Q				V
19+55	0.0347	0.00	Q				V
20+ 0	0.0347	0.00	Q				V
20+ 5	0.0347	0.00	Q				V
20+10	0.0347	0.00	Q				V
20+15	0.0347	0.00	Q				V
20+20	0.0347	0.00	Q				V
20+25	0.0347	0.00	Q				V
20+30	0.0347	0.00	Q				V
20+35	0.0348	0.00	Q				V
20+40	0.0348	0.00	Q				V
20+45	0.0348	0.00	Q				V
20+50	0.0348	0.00	Q				V
20+55	0.0348	0.00	Q				V
21+ 0	0.0348	0.00	Q				V
21+ 5	0.0348	0.00	Q				V
21+10	0.0348	0.00	Q				V
21+15	0.0348	0.00	Q				V
21+20	0.0348	0.00	Q				V
21+25	0.0348	0.00	Q				V
21+30	0.0348	0.00	Q				V
21+35	0.0348	0.00	Q				V
21+40	0.0348	0.00	Q				V
21+45	0.0348	0.00	Q				V
21+50	0.0348	0.00	Q				V
21+55	0.0348	0.00	Q				V
22+ 0	0.0348	0.00	Q				V
22+ 5	0.0349	0.00	Q				V
22+10	0.0349	0.00	Q				V
22+15	0.0349	0.00	Q				V
22+20	0.0349	0.00	Q				V
22+25	0.0349	0.00	Q				V
22+30	0.0349	0.00	Q				V
22+35	0.0349	0.00	Q				V
22+40	0.0349	0.00	Q				V
22+45	0.0349	0.00	Q				V
22+50	0.0349	0.00	Q				V
22+55	0.0349	0.00	Q				V
23+ 0	0.0349	0.00	Q				V
23+ 5	0.0349	0.00	Q				V
23+10	0.0349	0.00	Q				V
23+15	0.0349	0.00	Q				V
23+20	0.0349	0.00	Q				V
23+25	0.0349	0.00	Q				V
23+30	0.0349	0.00	Q				V
23+35	0.0349	0.00	Q				V
23+40	0.0349	0.00	Q				V
23+45	0.0349	0.00	Q				V
23+50	0.0349	0.00	Q				V
23+55	0.0350	0.00	Q				V
24+ 0	0.0350	0.00	Q				V

Unit Hydrograph Analysis

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Study date 10/31/22 File: D112.out

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Riverside County Synthetic Unit Hydrology Method
RCFC & WCD Manual date - April 1978

Program License Serial Number 6545

English (in-lb) Input Units Used
English Rainfall Data (Inches) Input Values Used

English Units used in output format

NENIFEE STAXUP STORAGE EXPANSION
PRELIMINARY DRAINAGE STUDY
PROPOSED AREA D1
2-YEAR; 1-HOUR

Drainage Area = 0.89(Ac.) = 0.001 Sq. Mi.
Drainage Area for Depth-Area Areal Adjustment = 0.89(Ac.) = 0.001 Sq. Mi.
Length along longest watercourse = 409.00(Ft.)
Length along longest watercourse measured to centroid = 204.00(Ft.)
Length along longest watercourse = 0.077 Mi.
Length along longest watercourse measured to centroid = 0.039 Mi.
Difference in elevation = 5.30(Ft.)
Slope along watercourse = 68.4205 Ft./Mi.
Average Manning's 'N' = 0.015
Lag time = 0.018 Hr.
Lag time = 1.06 Min.
25% of lag time = 0.27 Min.
40% of lag time = 0.43 Min.
Unit time = 5.00 Min.
Duration of storm = 1 Hour(s)
User Entered Base Flow = 0.00(CFS)

2 YEAR Area rainfall data:

Area(Ac.)[1]	Rainfall(In)[2]	weighting[1*2]
0.89	0.50	0.45

100 YEAR Area rainfall data:

Area(Ac.)[1]	Rainfall(In)[2]	weighting[1*2]
0.89	1.25	1.11

STORM EVENT (YEAR) = 2.00
Area Averaged 2-Year Rainfall = 0.500(In)
Area Averaged 100-Year Rainfall = 1.250(In)

Point rain (area averaged) = 0.500(In)
Areal adjustment factor = 100.00 %
Adjusted average point rain = 0.500(In)

Sub-Area Data:

Area(Ac.)	Runoff Index	Impervious %
0.890	57.80	0.576
Total Area Entered =	0.89(Ac.)	

RI	RI	Infil. Rate	Impervious	Adj. Infil. Rate	Area%	F
AMC2	AMC-1	(In/Hr)	(Dec.%)	(In/Hr)	(Dec.)	(In/Hr)
57.8	37.8	0.690	0.576	0.332	1.000	0.332
						Sum (F) = 0.332

Area averaged mean soil loss (F) (In/Hr) = 0.332

Minimum soil loss rate ((In/Hr)) = 0.166

(for 24 hour storm duration)

Soil loss rate (decimal) = 0.439

 Slope of intensity-duration curve for a 1 hour storm = 0.5300

Unit Hydrograph
VALLEY S-Curve

 Unit Hydrograph Data

Unit time period (hrs)	Time % of lag	Distribution Graph %	Unit Hydrograph (CFS)
1	0.083	470.207	69.375
2	0.167	940.414	30.625
		Sum = 100.000	Sum= 0.897

The following loss rate calculations reflect use of the minimum calculated loss rate subtracted from the Storm Rain to produce the maximum Effective Rain value

Unit Time (Hr.)	Pattern Percent	Storm Rain (In/Hr)	Loss rate(In./Hr)		Effective (In/Hr)
			Max	Low	
1	0.08	3.40	(0.332)	0.090	0.114
2	0.17	4.70	(0.332)	0.124	0.158
3	0.25	4.70	(0.332)	0.124	0.158
4	0.33	5.10	(0.332)	0.134	0.172
5	0.42	5.80	(0.332)	0.153	0.195
6	0.50	5.90	(0.332)	0.155	0.199
7	0.58	7.10	(0.332)	0.187	0.239
8	0.67	8.70	(0.332)	0.229	0.293
9	0.75	13.20	0.332	(0.348)	0.460
10	0.83	29.70	0.332	(0.783)	1.450
11	0.92	7.70	(0.332)	0.203	0.259
12	1.00	4.00	(0.332)	0.105	0.135

(Loss Rate Not Used)
 Sum = 100.0

Sum = 3.8

Flood volume = Effective rainfall 0.32(In)
 times area 0.9(Ac.)/[(In)/(Ft.)] = 0.0(Ac.Ft)

Total soil loss = 0.18(In)

Total soil loss = 0.013(Ac.Ft)

Total rainfall = 0.50(In)

Flood volume = 1031.4 Cubic Feet

Total soil loss = 584.0 Cubic Feet

 Peak flow rate of this hydrograph = 1.029(CFS)

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 1 - H O U R S T O R M
 Runoff Hydrograph

Hydrograph in 5 Minute intervals ((CFS))

Time(h+m)	Volume Ac.Ft	Q(CFS)	0	2.5	5.0	7.5	10.0
0+ 5	0.0005	0.07	Q				
0+10	0.0014	0.13	Q V				
0+15	0.0024	0.14	Q V				
0+20	0.0034	0.15	Q	V			
0+25	0.0046	0.17	Q	V			

0+30	0.0058	0.18	Q	V			
0+35	0.0072	0.20	Q		V		
0+40	0.0089	0.25	Q			V	
0+45	0.0114	0.37	Q				V
0+50	0.0185	1.03	Q				V
0+55	0.0224	0.56	Q				V
1+ 0	0.0234	0.15	Q				V
1+ 5	0.0237	0.04	Q				V

Unit Hydrograph Analysis

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Study date 10/31/22 File: D132.out

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Riverside County Synthetic Unit Hydrology Method
RCFC & WCD Manual date - April 1978

Program License Serial Number 6545

English (in-lb) Input Units Used
English Rainfall Data (Inches) Input Values Used

English Units used in output format

NENIFEE STAXUP STORAGE EXPANSION
PRELIMINARY DRAINAGE STUDY
PROPOSED AREA D1
2-YEAR; 3-HOUR

Drainage Area = 0.89(Ac.) = 0.001 Sq. Mi.
Drainage Area for Depth-Area Areal Adjustment = 0.89(Ac.) = 0.001 Sq. Mi.
Length along longest watercourse = 409.00(Ft.)
Length along longest watercourse measured to centroid = 204.00(Ft.)
Length along longest watercourse = 0.077 Mi.
Length along longest watercourse measured to centroid = 0.039 Mi.
Difference in elevation = 5.30(Ft.)
Slope along watercourse = 68.4205 Ft./Mi.
Average Manning's 'N' = 0.015
Lag time = 0.018 Hr.
Lag time = 1.06 Min.
25% of lag time = 0.27 Min.
40% of lag time = 0.43 Min.
Unit time = 5.00 Min.
Duration of storm = 3 Hour(s)
User Entered Base Flow = 0.00(CFS)

2 YEAR Area rainfall data:

Area(Ac.)[1]	Rainfall(In)[2]	weighting[1*2]
0.89	0.80	0.71

100 YEAR Area rainfall data:

Area(Ac.)[1]	Rainfall(In)[2]	weighting[1*2]
0.89	1.90	1.69

STORM EVENT (YEAR) = 2.00
Area Averaged 2-Year Rainfall = 0.800(In)
Area Averaged 100-Year Rainfall = 1.900(In)

Point rain (area averaged) = 0.800(In)
Areal adjustment factor = 100.00 %
Adjusted average point rain = 0.800(In)

Sub-Area Data:

Area(Ac.)	Runoff Index	Impervious %
0.890	57.80	0.576
Total Area Entered =	0.89(Ac.)	

RI	RI	Infil. Rate	Impervious	Adj. Infil. Rate	Area%	F
AMC2	AMC-1	(In/Hr)	(Dec.%)	(In/Hr)	(Dec.)	(In/Hr)
57.8	37.8	0.690	0.576	0.332	1.000	0.332
						Sum (F) = 0.332

Area averaged mean soil loss (F) (In/Hr) = 0.332
 Minimum soil loss rate ((In/Hr)) = 0.166
 (for 24 hour storm duration)
 Soil low loss rate (decimal) = 0.439

U n i t H y d r o g r a p h
 VALLEY S-Curve

Unit Hydrograph Data

Unit time period (hrs)	Time % of lag	Distribution Graph %	Unit Hydrograph (CFS)
1	0.083	470.207	69.375
2	0.167	940.414	30.625
		Sum = 100.000	Sum= 0.897

The following loss rate calculations reflect use of the minimum calculated loss rate subtracted from the Storm Rain to produce the maximum Effective Rain value

Unit	Time (Hr.)	Pattern Percent	Storm Rain (In/Hr)	Loss rate(In./Hr)		Effective (In/Hr)
				Max	Low	
1	0.08	1.30	0.125	(0.332)	0.055	0.070
2	0.17	1.30	0.125	(0.332)	0.055	0.070
3	0.25	1.10	0.106	(0.332)	0.046	0.059
4	0.33	1.50	0.144	(0.332)	0.063	0.081
5	0.42	1.50	0.144	(0.332)	0.063	0.081
6	0.50	1.80	0.173	(0.332)	0.076	0.097
7	0.58	1.50	0.144	(0.332)	0.063	0.081
8	0.67	1.80	0.173	(0.332)	0.076	0.097
9	0.75	1.80	0.173	(0.332)	0.076	0.097
10	0.83	1.50	0.144	(0.332)	0.063	0.081
11	0.92	1.60	0.154	(0.332)	0.067	0.086
12	1.00	1.80	0.173	(0.332)	0.076	0.097
13	1.08	2.20	0.211	(0.332)	0.093	0.118
14	1.17	2.20	0.211	(0.332)	0.093	0.118
15	1.25	2.20	0.211	(0.332)	0.093	0.118
16	1.33	2.00	0.192	(0.332)	0.084	0.108
17	1.42	2.60	0.250	(0.332)	0.110	0.140
18	1.50	2.70	0.259	(0.332)	0.114	0.145
19	1.58	2.40	0.230	(0.332)	0.101	0.129
20	1.67	2.70	0.259	(0.332)	0.114	0.145
21	1.75	3.30	0.317	(0.332)	0.139	0.178
22	1.83	3.10	0.298	(0.332)	0.131	0.167
23	1.92	2.90	0.278	(0.332)	0.122	0.156
24	2.00	3.00	0.288	(0.332)	0.126	0.162
25	2.08	3.10	0.298	(0.332)	0.131	0.167
26	2.17	4.20	0.403	(0.332)	0.177	0.226
27	2.25	5.00	0.480	(0.332)	0.211	0.269
28	2.33	3.50	0.336	(0.332)	0.148	0.188
29	2.42	6.80	0.653	(0.332)	0.287	0.366
30	2.50	7.30	0.701	(0.332)	0.308	0.393
31	2.58	8.20	0.787	(0.332)	(0.346)	0.455
32	2.67	5.90	0.566	(0.332)	0.249	0.318
33	2.75	2.00	0.192	(0.332)	0.084	0.108
34	2.83	1.80	0.173	(0.332)	0.076	0.097
35	2.92	1.80	0.173	(0.332)	0.076	0.097
36	3.00	0.60	0.058	(0.332)	0.025	0.032

(Loss Rate Not Used)

Sum = 100.0 Sum = 5.4

Flood volume = Effective rainfall 0.45(In)
 times area 0.9(Ac.)/[(In)/(Ft.)] = 0.0(Ac.Ft)

Total soil loss = 0.35(In)
 Total soil loss = 0.026(Ac.Ft)
 Total rainfall = 0.80(In)
 Flood volume = 1453.1 Cubic Feet
 Total soil loss = 1131.5 Cubic Feet

 Peak flow rate of this hydrograph = 0.391(CFS)

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 3 - H O U R S T O R M
 R u n o f f H y d r o g r a p h

Hydrograph in 5 Minute intervals ((CFS))

Time(h+m)	Volume Ac.Ft	Q(CFS)	0	2.5	5.0	7.5	10.0
0+ 5	0.0003	0.04	Q				
0+10	0.0007	0.06	Q				
0+15	0.0011	0.06	QV				
0+20	0.0016	0.07	QV				
0+25	0.0021	0.07	Q V				
0+30	0.0026	0.08	Q V				
0+35	0.0032	0.08	Q V				
0+40	0.0037	0.08	Q V				
0+45	0.0043	0.09	Q V				
0+50	0.0049	0.08	Q V				
0+55	0.0054	0.08	Q V				
1+ 0	0.0060	0.08	Q V				
1+ 5	0.0067	0.10	Q V				
1+10	0.0074	0.11	Q V				
1+15	0.0081	0.11	Q V				
1+20	0.0088	0.10	Q V				
1+25	0.0096	0.12	Q V				
1+30	0.0105	0.13	Q V				
1+35	0.0113	0.12	Q V				
1+40	0.0122	0.13	Q V				
1+45	0.0132	0.15	Q V				
1+50	0.0143	0.15	Q V				
1+55	0.0153	0.14	Q V				
2+ 0	0.0163	0.14	Q V				
2+ 5	0.0173	0.15	Q V				
2+10	0.0186	0.19	Q V				
2+15	0.0202	0.23	Q V				
2+20	0.0215	0.19	Q V				
2+25	0.0234	0.28	Q V				
2+30	0.0258	0.35	Q V				
2+35	0.0285	0.39	Q V				
2+40	0.0307	0.32	Q V				
2+45	0.0318	0.15	Q V				
2+50	0.0324	0.09	Q V				
2+55	0.0330	0.09	Q V				
3+ 0	0.0333	0.05	Q V				
3+ 5	0.0334	0.01	Q V				

Unit Hydrograph Analysis

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Study date 10/31/22 File: D162.out

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Riverside County Synthetic Unit Hydrology Method
RCFC & WCD Manual date - April 1978

Program License Serial Number 6545

English (in-lb) Input Units Used
English Rainfall Data (Inches) Input Values Used

English Units used in output format

NENIFEE STAXUP STORAGE EXPANSION
PRELIMINARY DRAINAGE STUDY
PROPOSED AREA D1
2-YEAR; 6-HOUR

Drainage Area = 0.89(Ac.) = 0.001 Sq. Mi.
Drainage Area for Depth-Area Areal Adjustment = 0.89(Ac.) = 0.001 Sq. Mi.
Length along longest watercourse = 409.00(Ft.)
Length along longest watercourse measured to centroid = 204.00(Ft.)
Length along longest watercourse = 0.077 Mi.
Length along longest watercourse measured to centroid = 0.039 Mi.
Difference in elevation = 5.30(Ft.)
Slope along watercourse = 68.4205 Ft./Mi.
Average Manning's 'N' = 0.015
Lag time = 0.018 Hr.
Lag time = 1.06 Min.
25% of lag time = 0.27 Min.
40% of lag time = 0.43 Min.
Unit time = 5.00 Min.
Duration of storm = 6 Hour(s)
User Entered Base Flow = 0.00(CFS)

2 YEAR Area rainfall data:

Area(Ac.)[1]	Rainfall(In)[2]	weighting[1*2]
0.89	1.10	0.98

100 YEAR Area rainfall data:

Area(Ac.)[1]	Rainfall(In)[2]	weighting[1*2]
0.89	2.50	2.23

STORM EVENT (YEAR) = 2.00
Area Averaged 2-Year Rainfall = 1.100(In)
Area Averaged 100-Year Rainfall = 2.500(In)

Point rain (area averaged) = 1.100(In)
Areal adjustment factor = 100.00 %
Adjusted average point rain = 1.100(In)

Sub-Area Data:
Area(Ac.) Runoff Index Impervious %
0.890 57.80 0.576
Total Area Entered = 0.89(Ac.)

RI	RI	Infil. Rate	Impervious	Adj. Infil. Rate	Area%	F
AMC2	AMC-1	(In/Hr)	(Dec.%)	(In/Hr)	(Dec.)	(In/Hr)
57.8	37.8	0.690	0.576	0.332	1.000	0.332
						Sum (F) = 0.332

Area averaged mean soil loss (F) (In/Hr) = 0.332

Minimum soil loss rate ((In/Hr)) = 0.166

(for 24 hour storm duration)

Soil low loss rate (decimal) = 0.439

U n i t H y d r o g r a p h
VALLEY S-Curve

Unit Hydrograph Data

Unit time period (hrs)	Time % of lag	Distribution Graph %	Unit Hydrograph (CFS)
1	0.083	470.207	69.375
2	0.167	940.414	30.625
		Sum = 100.000	Sum= 0.897

The following loss rate calculations reflect use of the minimum calculated loss rate subtracted from the Storm Rain to produce the maximum Effective Rain value

Unit Time (Hr.)	Pattern Percent	Storm Rain (In/Hr)	Loss rate(In./Hr)		Effective (In/Hr)
			Max	Low	
1	0.08	0.066	(0.332)	0.029	0.037
2	0.17	0.079	(0.332)	0.035	0.044
3	0.25	0.079	(0.332)	0.035	0.044
4	0.33	0.079	(0.332)	0.035	0.044
5	0.42	0.079	(0.332)	0.035	0.044
6	0.50	0.092	(0.332)	0.041	0.052
7	0.58	0.092	(0.332)	0.041	0.052
8	0.67	0.092	(0.332)	0.041	0.052
9	0.75	0.092	(0.332)	0.041	0.052
10	0.83	0.092	(0.332)	0.041	0.052
11	0.92	0.092	(0.332)	0.041	0.052
12	1.00	0.106	(0.332)	0.046	0.059
13	1.08	0.106	(0.332)	0.046	0.059
14	1.17	0.106	(0.332)	0.046	0.059
15	1.25	0.106	(0.332)	0.046	0.059
16	1.33	0.106	(0.332)	0.046	0.059
17	1.42	0.106	(0.332)	0.046	0.059
18	1.50	0.106	(0.332)	0.046	0.059
19	1.58	0.106	(0.332)	0.046	0.059
20	1.67	0.106	(0.332)	0.046	0.059
21	1.75	0.106	(0.332)	0.046	0.059
22	1.83	0.106	(0.332)	0.046	0.059
23	1.92	0.106	(0.332)	0.046	0.059
24	2.00	0.119	(0.332)	0.052	0.067
25	2.08	0.106	(0.332)	0.046	0.059
26	2.17	0.119	(0.332)	0.052	0.067
27	2.25	0.119	(0.332)	0.052	0.067
28	2.33	0.119	(0.332)	0.052	0.067
29	2.42	0.119	(0.332)	0.052	0.067
30	2.50	0.119	(0.332)	0.052	0.067
31	2.58	0.119	(0.332)	0.052	0.067
32	2.67	0.119	(0.332)	0.052	0.067
33	2.75	0.132	(0.332)	0.058	0.074
34	2.83	0.132	(0.332)	0.058	0.074
35	2.92	0.132	(0.332)	0.058	0.074
36	3.00	0.132	(0.332)	0.058	0.074
37	3.08	0.132	(0.332)	0.058	0.074
38	3.17	0.145	(0.332)	0.064	0.081
39	3.25	0.145	(0.332)	0.064	0.081
40	3.33	0.145	(0.332)	0.064	0.081

41	3.42	1.20	0.158	(0.332)	0.070	0.089
42	3.50	1.30	0.172	(0.332)	0.075	0.096
43	3.58	1.40	0.185	(0.332)	0.081	0.104
44	3.67	1.40	0.185	(0.332)	0.081	0.104
45	3.75	1.50	0.198	(0.332)	0.087	0.111
46	3.83	1.50	0.198	(0.332)	0.087	0.111
47	3.92	1.60	0.211	(0.332)	0.093	0.118
48	4.00	1.60	0.211	(0.332)	0.093	0.118
49	4.08	1.70	0.224	(0.332)	0.099	0.126
50	4.17	1.80	0.238	(0.332)	0.104	0.133
51	4.25	1.90	0.251	(0.332)	0.110	0.141
52	4.33	2.00	0.264	(0.332)	0.116	0.148
53	4.42	2.10	0.277	(0.332)	0.122	0.155
54	4.50	2.10	0.277	(0.332)	0.122	0.155
55	4.58	2.20	0.290	(0.332)	0.128	0.163
56	4.67	2.30	0.304	(0.332)	0.133	0.170
57	4.75	2.40	0.317	(0.332)	0.139	0.178
58	4.83	2.40	0.317	(0.332)	0.139	0.178
59	4.92	2.50	0.330	(0.332)	0.145	0.185
60	5.00	2.60	0.343	(0.332)	0.151	0.192
61	5.08	3.10	0.409	(0.332)	0.180	0.229
62	5.17	3.60	0.475	(0.332)	0.209	0.266
63	5.25	3.90	0.515	(0.332)	0.226	0.289
64	5.33	4.20	0.554	(0.332)	0.243	0.311
65	5.42	4.70	0.620	(0.332)	0.272	0.348
66	5.50	5.60	0.739	(0.332)	0.325	0.415
67	5.58	1.90	0.251	(0.332)	0.110	0.141
68	5.67	0.90	0.119	(0.332)	0.052	0.067
69	5.75	0.60	0.079	(0.332)	0.035	0.044
70	5.83	0.50	0.066	(0.332)	0.029	0.037
71	5.92	0.30	0.040	(0.332)	0.017	0.022
72	6.00	0.20	0.026	(0.332)	0.012	0.015

(Loss Rate Not Used)

Sum = 100.0 Sum = 7.4

Flood volume = Effective rainfall 0.62(In)
times area 0.9(Ac.)/[((In)/(Ft.))] = 0.0(Ac.Ft)
Total soil loss = 0.48(In)
Total soil loss = 0.036(Ac.Ft)
Total rainfall = 1.10(In)
Flood volume = 1992.9 Cubic Feet
Total soil loss = 1560.8 Cubic Feet

Peak flow rate of this hydrograph = 0.354(CFS)

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6 - H O U R S T O R M
R u n o f f H y d r o g r a p h

Hydrograph in 5 Minute intervals ((CFS))

Time(h+m)	Volume Ac.Ft	Q(CFS)	0	2.5	5.0	7.5	10.0
0+ 5	0.0002	0.02	Q				
0+10	0.0004	0.04	Q				
0+15	0.0007	0.04	Q				
0+20	0.0010	0.04	Q				
0+25	0.0012	0.04	QV				
0+30	0.0015	0.04	QV				
0+35	0.0019	0.05	QV				
0+40	0.0022	0.05	QV				
0+45	0.0025	0.05	Q V				
0+50	0.0028	0.05	Q V				
0+55	0.0032	0.05	Q V				
1+ 0	0.0035	0.05	Q V				
1+ 5	0.0039	0.05	Q V				
1+10	0.0042	0.05	Q V				
1+15	0.0046	0.05	Q V				
1+20	0.0050	0.05	Q V				
1+25	0.0053	0.05	Q V				
1+30	0.0057	0.05	Q V				

1+35	0.0061	0.05	Q	V				
1+40	0.0064	0.05	Q	V				
1+45	0.0068	0.05	Q	V				
1+50	0.0072	0.05	Q	V				
1+55	0.0075	0.05	Q	V				
2+ 0	0.0079	0.06	Q	V				
2+ 5	0.0083	0.06	Q	V				
2+10	0.0087	0.06	Q	V				
2+15	0.0091	0.06	Q	V				
2+20	0.0095	0.06	Q	V				
2+25	0.0099	0.06	Q	V				
2+30	0.0104	0.06	Q	V				
2+35	0.0108	0.06	Q	V				
2+40	0.0112	0.06	Q	V				
2+45	0.0116	0.06	Q	V				
2+50	0.0121	0.07	Q	V				
2+55	0.0125	0.07	Q	V				
3+ 0	0.0130	0.07	Q	V				
3+ 5	0.0134	0.07	Q	V				
3+10	0.0139	0.07	Q	V				
3+15	0.0144	0.07	Q	V				
3+20	0.0149	0.07	Q	V				
3+25	0.0155	0.08	Q	V				
3+30	0.0161	0.08	Q	V				
3+35	0.0167	0.09	Q	V				
3+40	0.0173	0.09	Q	V				
3+45	0.0180	0.10	Q	V				
3+50	0.0187	0.10	Q	V				
3+55	0.0194	0.10	Q	V				
4+ 0	0.0201	0.11	Q	V				
4+ 5	0.0209	0.11	Q	V				
4+10	0.0217	0.12	Q	V				
4+15	0.0226	0.12	Q	V				
4+20	0.0235	0.13	Q	V				
4+25	0.0244	0.14	Q	V				
4+30	0.0254	0.14	Q	V				
4+35	0.0264	0.14	Q	V				
4+40	0.0274	0.15	Q	V				
4+45	0.0285	0.16	Q	V				
4+50	0.0296	0.16	Q	V				
4+55	0.0307	0.16	Q	V				
5+ 0	0.0319	0.17	Q	V				
5+ 5	0.0332	0.20	Q	V				
5+10	0.0348	0.23	Q	V				
5+15	0.0366	0.25	Q	V				
5+20	0.0384	0.27	Q	V				
5+25	0.0405	0.30	Q	V				
5+30	0.0430	0.35	Q	V				
5+35	0.0443	0.20	Q	V				
5+40	0.0449	0.08	Q	V				
5+45	0.0452	0.05	Q	V				
5+50	0.0455	0.04	Q	V				
5+55	0.0456	0.02	Q	V				
6+ 0	0.0457	0.02	Q	V				
6+ 5	0.0458	0.00	Q	V				

Unit Hydrograph Analysis

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Study date 10/31/22 File: D1242.out

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Riverside County Synthetic Unit Hydrology Method
RCFC & WCD Manual date - April 1978

Program License Serial Number 6545

English (in-lb) Input Units Used
English Rainfall Data (Inches) Input Values Used

English Units used in output format

NENIFEE STAXUP STORAGE EXPANSION
PRELIMINARY DRAINAGE STUDY
PROPOSED AREA D1
2-YEAR; 24-HOUR

Drainage Area = 0.89(Ac.) = 0.001 Sq. Mi.
Drainage Area for Depth-Area Areal Adjustment = 0.89(Ac.) = 0.001 Sq. Mi.
Length along longest watercourse = 409.00(Ft.)
Length along longest watercourse measured to centroid = 204.00(Ft.)
Length along longest watercourse = 0.077 Mi.
Length along longest watercourse measured to centroid = 0.039 Mi.
Difference in elevation = 5.30(Ft.)
Slope along watercourse = 68.4205 Ft./Mi.
Average Manning's 'N' = 0.015
Lag time = 0.018 Hr.
Lag time = 1.06 Min.
25% of lag time = 0.27 Min.
40% of lag time = 0.43 Min.
Unit time = 5.00 Min.
Duration of storm = 24 Hour(s)
User Entered Base Flow = 0.00(CFS)

2 YEAR Area rainfall data:

Area(Ac.)[1]	Rainfall(In)[2]	weighting[1*2]
0.89	1.80	1.60

100 YEAR Area rainfall data:

Area(Ac.)[1]	Rainfall(In)[2]	weighting[1*2]
0.89	4.90	4.36

STORM EVENT (YEAR) = 2.00
Area Averaged 2-Year Rainfall = 1.800(In)
Area Averaged 100-Year Rainfall = 4.900(In)

Point rain (area averaged) = 1.800(In)
Areal adjustment factor = 100.00 %
Adjusted average point rain = 1.800(In)

Sub-Area Data:
Area(Ac.) Runoff Index Impervious %
0.890 57.80 0.576
Total Area Entered = 0.89(Ac.)

RI	RI	Infil. Rate	Impervious	Adj. Infil. Rate	Area%	F
AMC2	AMC-1	(In/Hr)	(Dec.%)	(In/Hr)	(Dec.)	(In/Hr)
57.8	37.8	0.690	0.576	0.332	1.000	0.332
						Sum (F) = 0.332

Area averaged mean soil loss (F) (In/Hr) = 0.332

Minimum soil loss rate ((In/Hr)) = 0.166

(for 24 hour storm duration)

Soil loss rate (decimal) = 0.439

U n i t H y d r o g r a p h
VALLEY S-Curve

Unit Hydrograph Data

Unit time period (hrs)	Time % of lag	Distribution Graph %	Unit Hydrograph (CFS)
1	0.083	470.207	69.375
2	0.167	940.414	30.625
		Sum = 100.000	Sum= 0.897

The following loss rate calculations reflect use of the minimum calculated loss rate subtracted from the Storm Rain to produce the maximum Effective Rain value

Unit Time (Hr.)	Pattern Percent	Storm Rain (In/Hr)	Loss rate(In./Hr)		Effective (In/Hr)
			Max	Low	
1	0.08	0.014	(0.589)	0.006	0.008
2	0.17	0.014	(0.587)	0.006	0.008
3	0.25	0.014	(0.584)	0.006	0.008
4	0.33	0.022	(0.582)	0.009	0.012
5	0.42	0.022	(0.580)	0.009	0.012
6	0.50	0.022	(0.578)	0.009	0.012
7	0.58	0.022	(0.575)	0.009	0.012
8	0.67	0.022	(0.573)	0.009	0.012
9	0.75	0.022	(0.571)	0.009	0.012
10	0.83	0.029	(0.569)	0.013	0.016
11	0.92	0.029	(0.566)	0.013	0.016
12	1.00	0.029	(0.564)	0.013	0.016
13	1.08	0.022	(0.562)	0.009	0.012
14	1.17	0.022	(0.560)	0.009	0.012
15	1.25	0.022	(0.557)	0.009	0.012
16	1.33	0.022	(0.555)	0.009	0.012
17	1.42	0.022	(0.553)	0.009	0.012
18	1.50	0.022	(0.551)	0.009	0.012
19	1.58	0.022	(0.549)	0.009	0.012
20	1.67	0.022	(0.546)	0.009	0.012
21	1.75	0.022	(0.544)	0.009	0.012
22	1.83	0.029	(0.542)	0.013	0.016
23	1.92	0.029	(0.540)	0.013	0.016
24	2.00	0.029	(0.538)	0.013	0.016
25	2.08	0.029	(0.535)	0.013	0.016
26	2.17	0.029	(0.533)	0.013	0.016
27	2.25	0.029	(0.531)	0.013	0.016
28	2.33	0.029	(0.529)	0.013	0.016
29	2.42	0.029	(0.527)	0.013	0.016
30	2.50	0.029	(0.525)	0.013	0.016
31	2.58	0.036	(0.523)	0.016	0.020
32	2.67	0.036	(0.520)	0.016	0.020
33	2.75	0.036	(0.518)	0.016	0.020
34	2.83	0.036	(0.516)	0.016	0.020
35	2.92	0.036	(0.514)	0.016	0.020
36	3.00	0.036	(0.512)	0.016	0.020
37	3.08	0.036	(0.510)	0.016	0.020
38	3.17	0.036	(0.508)	0.016	0.020
39	3.25	0.036	(0.506)	0.016	0.020
40	3.33	0.036	(0.503)	0.016	0.020

41	3.42	0.17	0.036	(0.501)	0.016	0.020
42	3.50	0.17	0.036	(0.499)	0.016	0.020
43	3.58	0.17	0.036	(0.497)	0.016	0.020
44	3.67	0.17	0.036	(0.495)	0.016	0.020
45	3.75	0.17	0.036	(0.493)	0.016	0.020
46	3.83	0.20	0.043	(0.491)	0.019	0.024
47	3.92	0.20	0.043	(0.489)	0.019	0.024
48	4.00	0.20	0.043	(0.487)	0.019	0.024
49	4.08	0.20	0.043	(0.485)	0.019	0.024
50	4.17	0.20	0.043	(0.483)	0.019	0.024
51	4.25	0.20	0.043	(0.481)	0.019	0.024
52	4.33	0.23	0.050	(0.478)	0.022	0.028
53	4.42	0.23	0.050	(0.476)	0.022	0.028
54	4.50	0.23	0.050	(0.474)	0.022	0.028
55	4.58	0.23	0.050	(0.472)	0.022	0.028
56	4.67	0.23	0.050	(0.470)	0.022	0.028
57	4.75	0.23	0.050	(0.468)	0.022	0.028
58	4.83	0.27	0.058	(0.466)	0.025	0.032
59	4.92	0.27	0.058	(0.464)	0.025	0.032
60	5.00	0.27	0.058	(0.462)	0.025	0.032
61	5.08	0.20	0.043	(0.460)	0.019	0.024
62	5.17	0.20	0.043	(0.458)	0.019	0.024
63	5.25	0.20	0.043	(0.456)	0.019	0.024
64	5.33	0.23	0.050	(0.454)	0.022	0.028
65	5.42	0.23	0.050	(0.452)	0.022	0.028
66	5.50	0.23	0.050	(0.450)	0.022	0.028
67	5.58	0.27	0.058	(0.448)	0.025	0.032
68	5.67	0.27	0.058	(0.446)	0.025	0.032
69	5.75	0.27	0.058	(0.444)	0.025	0.032
70	5.83	0.27	0.058	(0.442)	0.025	0.032
71	5.92	0.27	0.058	(0.440)	0.025	0.032
72	6.00	0.27	0.058	(0.439)	0.025	0.032
73	6.08	0.30	0.065	(0.437)	0.028	0.036
74	6.17	0.30	0.065	(0.435)	0.028	0.036
75	6.25	0.30	0.065	(0.433)	0.028	0.036
76	6.33	0.30	0.065	(0.431)	0.028	0.036
77	6.42	0.30	0.065	(0.429)	0.028	0.036
78	6.50	0.30	0.065	(0.427)	0.028	0.036
79	6.58	0.33	0.072	(0.425)	0.032	0.040
80	6.67	0.33	0.072	(0.423)	0.032	0.040
81	6.75	0.33	0.072	(0.421)	0.032	0.040
82	6.83	0.33	0.072	(0.419)	0.032	0.040
83	6.92	0.33	0.072	(0.417)	0.032	0.040
84	7.00	0.33	0.072	(0.415)	0.032	0.040
85	7.08	0.33	0.072	(0.414)	0.032	0.040
86	7.17	0.33	0.072	(0.412)	0.032	0.040
87	7.25	0.33	0.072	(0.410)	0.032	0.040
88	7.33	0.37	0.079	(0.408)	0.035	0.044
89	7.42	0.37	0.079	(0.406)	0.035	0.044
90	7.50	0.37	0.079	(0.404)	0.035	0.044
91	7.58	0.40	0.086	(0.402)	0.038	0.048
92	7.67	0.40	0.086	(0.401)	0.038	0.048
93	7.75	0.40	0.086	(0.399)	0.038	0.048
94	7.83	0.43	0.094	(0.397)	0.041	0.052
95	7.92	0.43	0.094	(0.395)	0.041	0.052
96	8.00	0.43	0.094	(0.393)	0.041	0.052
97	8.08	0.50	0.108	(0.391)	0.047	0.061
98	8.17	0.50	0.108	(0.390)	0.047	0.061
99	8.25	0.50	0.108	(0.388)	0.047	0.061
100	8.33	0.50	0.108	(0.386)	0.047	0.061
101	8.42	0.50	0.108	(0.384)	0.047	0.061
102	8.50	0.50	0.108	(0.382)	0.047	0.061
103	8.58	0.53	0.115	(0.380)	0.051	0.065
104	8.67	0.53	0.115	(0.379)	0.051	0.065
105	8.75	0.53	0.115	(0.377)	0.051	0.065
106	8.83	0.57	0.122	(0.375)	0.054	0.069
107	8.92	0.57	0.122	(0.373)	0.054	0.069
108	9.00	0.57	0.122	(0.372)	0.054	0.069
109	9.08	0.63	0.137	(0.370)	0.060	0.077
110	9.17	0.63	0.137	(0.368)	0.060	0.077
111	9.25	0.63	0.137	(0.366)	0.060	0.077

112	9.33	0.67	0.144	(0.365)	0.063	0.081
113	9.42	0.67	0.144	(0.363)	0.063	0.081
114	9.50	0.67	0.144	(0.361)	0.063	0.081
115	9.58	0.70	0.151	(0.359)	0.066	0.085
116	9.67	0.70	0.151	(0.358)	0.066	0.085
117	9.75	0.70	0.151	(0.356)	0.066	0.085
118	9.83	0.73	0.158	(0.354)	0.070	0.089
119	9.92	0.73	0.158	(0.353)	0.070	0.089
120	10.00	0.73	0.158	(0.351)	0.070	0.089
121	10.08	0.50	0.108	(0.349)	0.047	0.061
122	10.17	0.50	0.108	(0.347)	0.047	0.061
123	10.25	0.50	0.108	(0.346)	0.047	0.061
124	10.33	0.50	0.108	(0.344)	0.047	0.061
125	10.42	0.50	0.108	(0.342)	0.047	0.061
126	10.50	0.50	0.108	(0.341)	0.047	0.061
127	10.58	0.67	0.144	(0.339)	0.063	0.081
128	10.67	0.67	0.144	(0.337)	0.063	0.081
129	10.75	0.67	0.144	(0.336)	0.063	0.081
130	10.83	0.67	0.144	(0.334)	0.063	0.081
131	10.92	0.67	0.144	(0.332)	0.063	0.081
132	11.00	0.67	0.144	(0.331)	0.063	0.081
133	11.08	0.63	0.137	(0.329)	0.060	0.077
134	11.17	0.63	0.137	(0.328)	0.060	0.077
135	11.25	0.63	0.137	(0.326)	0.060	0.077
136	11.33	0.63	0.137	(0.324)	0.060	0.077
137	11.42	0.63	0.137	(0.323)	0.060	0.077
138	11.50	0.63	0.137	(0.321)	0.060	0.077
139	11.58	0.57	0.122	(0.320)	0.054	0.069
140	11.67	0.57	0.122	(0.318)	0.054	0.069
141	11.75	0.57	0.122	(0.316)	0.054	0.069
142	11.83	0.60	0.130	(0.315)	0.057	0.073
143	11.92	0.60	0.130	(0.313)	0.057	0.073
144	12.00	0.60	0.130	(0.312)	0.057	0.073
145	12.08	0.83	0.180	(0.310)	0.079	0.101
146	12.17	0.83	0.180	(0.309)	0.079	0.101
147	12.25	0.83	0.180	(0.307)	0.079	0.101
148	12.33	0.87	0.187	(0.305)	0.082	0.105
149	12.42	0.87	0.187	(0.304)	0.082	0.105
150	12.50	0.87	0.187	(0.302)	0.082	0.105
151	12.58	0.93	0.202	(0.301)	0.089	0.113
152	12.67	0.93	0.202	(0.299)	0.089	0.113
153	12.75	0.93	0.202	(0.298)	0.089	0.113
154	12.83	0.97	0.209	(0.296)	0.092	0.117
155	12.92	0.97	0.209	(0.295)	0.092	0.117
156	13.00	0.97	0.209	(0.293)	0.092	0.117
157	13.08	1.13	0.245	(0.292)	0.108	0.137
158	13.17	1.13	0.245	(0.290)	0.108	0.137
159	13.25	1.13	0.245	(0.289)	0.108	0.137
160	13.33	1.13	0.245	(0.287)	0.108	0.137
161	13.42	1.13	0.245	(0.286)	0.108	0.137
162	13.50	1.13	0.245	(0.285)	0.108	0.137
163	13.58	0.77	0.166	(0.283)	0.073	0.093
164	13.67	0.77	0.166	(0.282)	0.073	0.093
165	13.75	0.77	0.166	(0.280)	0.073	0.093
166	13.83	0.77	0.166	(0.279)	0.073	0.093
167	13.92	0.77	0.166	(0.277)	0.073	0.093
168	14.00	0.77	0.166	(0.276)	0.073	0.093
169	14.08	0.90	0.194	(0.275)	0.085	0.109
170	14.17	0.90	0.194	(0.273)	0.085	0.109
171	14.25	0.90	0.194	(0.272)	0.085	0.109
172	14.33	0.87	0.187	(0.270)	0.082	0.105
173	14.42	0.87	0.187	(0.269)	0.082	0.105
174	14.50	0.87	0.187	(0.268)	0.082	0.105
175	14.58	0.87	0.187	(0.266)	0.082	0.105
176	14.67	0.87	0.187	(0.265)	0.082	0.105
177	14.75	0.87	0.187	(0.263)	0.082	0.105
178	14.83	0.83	0.180	(0.262)	0.079	0.101
179	14.92	0.83	0.180	(0.261)	0.079	0.101
180	15.00	0.83	0.180	(0.259)	0.079	0.101
181	15.08	0.80	0.173	(0.258)	0.076	0.097
182	15.17	0.80	0.173	(0.257)	0.076	0.097

183	15.25	0.80	0.173	(0.255)	0.076	0.097
184	15.33	0.77	0.166	(0.254)	0.073	0.093
185	15.42	0.77	0.166	(0.253)	0.073	0.093
186	15.50	0.77	0.166	(0.252)	0.073	0.093
187	15.58	0.63	0.137	(0.250)	0.060	0.077
188	15.67	0.63	0.137	(0.249)	0.060	0.077
189	15.75	0.63	0.137	(0.248)	0.060	0.077
190	15.83	0.63	0.137	(0.246)	0.060	0.077
191	15.92	0.63	0.137	(0.245)	0.060	0.077
192	16.00	0.63	0.137	(0.244)	0.060	0.077
193	16.08	0.13	0.029	(0.243)	0.013	0.016
194	16.17	0.13	0.029	(0.241)	0.013	0.016
195	16.25	0.13	0.029	(0.240)	0.013	0.016
196	16.33	0.13	0.029	(0.239)	0.013	0.016
197	16.42	0.13	0.029	(0.238)	0.013	0.016
198	16.50	0.13	0.029	(0.237)	0.013	0.016
199	16.58	0.10	0.022	(0.235)	0.009	0.012
200	16.67	0.10	0.022	(0.234)	0.009	0.012
201	16.75	0.10	0.022	(0.233)	0.009	0.012
202	16.83	0.10	0.022	(0.232)	0.009	0.012
203	16.92	0.10	0.022	(0.231)	0.009	0.012
204	17.00	0.10	0.022	(0.229)	0.009	0.012
205	17.08	0.17	0.036	(0.228)	0.016	0.020
206	17.17	0.17	0.036	(0.227)	0.016	0.020
207	17.25	0.17	0.036	(0.226)	0.016	0.020
208	17.33	0.17	0.036	(0.225)	0.016	0.020
209	17.42	0.17	0.036	(0.224)	0.016	0.020
210	17.50	0.17	0.036	(0.223)	0.016	0.020
211	17.58	0.17	0.036	(0.222)	0.016	0.020
212	17.67	0.17	0.036	(0.220)	0.016	0.020
213	17.75	0.17	0.036	(0.219)	0.016	0.020
214	17.83	0.13	0.029	(0.218)	0.013	0.016
215	17.92	0.13	0.029	(0.217)	0.013	0.016
216	18.00	0.13	0.029	(0.216)	0.013	0.016
217	18.08	0.13	0.029	(0.215)	0.013	0.016
218	18.17	0.13	0.029	(0.214)	0.013	0.016
219	18.25	0.13	0.029	(0.213)	0.013	0.016
220	18.33	0.13	0.029	(0.212)	0.013	0.016
221	18.42	0.13	0.029	(0.211)	0.013	0.016
222	18.50	0.13	0.029	(0.210)	0.013	0.016
223	18.58	0.10	0.022	(0.209)	0.009	0.012
224	18.67	0.10	0.022	(0.208)	0.009	0.012
225	18.75	0.10	0.022	(0.207)	0.009	0.012
226	18.83	0.07	0.014	(0.206)	0.006	0.008
227	18.92	0.07	0.014	(0.205)	0.006	0.008
228	19.00	0.07	0.014	(0.204)	0.006	0.008
229	19.08	0.10	0.022	(0.203)	0.009	0.012
230	19.17	0.10	0.022	(0.202)	0.009	0.012
231	19.25	0.10	0.022	(0.201)	0.009	0.012
232	19.33	0.13	0.029	(0.200)	0.013	0.016
233	19.42	0.13	0.029	(0.199)	0.013	0.016
234	19.50	0.13	0.029	(0.198)	0.013	0.016
235	19.58	0.10	0.022	(0.197)	0.009	0.012
236	19.67	0.10	0.022	(0.196)	0.009	0.012
237	19.75	0.10	0.022	(0.196)	0.009	0.012
238	19.83	0.07	0.014	(0.195)	0.006	0.008
239	19.92	0.07	0.014	(0.194)	0.006	0.008
240	20.00	0.07	0.014	(0.193)	0.006	0.008
241	20.08	0.10	0.022	(0.192)	0.009	0.012
242	20.17	0.10	0.022	(0.191)	0.009	0.012
243	20.25	0.10	0.022	(0.190)	0.009	0.012
244	20.33	0.10	0.022	(0.190)	0.009	0.012
245	20.42	0.10	0.022	(0.189)	0.009	0.012
246	20.50	0.10	0.022	(0.188)	0.009	0.012
247	20.58	0.10	0.022	(0.187)	0.009	0.012
248	20.67	0.10	0.022	(0.186)	0.009	0.012
249	20.75	0.10	0.022	(0.186)	0.009	0.012
250	20.83	0.07	0.014	(0.185)	0.006	0.008
251	20.92	0.07	0.014	(0.184)	0.006	0.008
252	21.00	0.07	0.014	(0.183)	0.006	0.008
253	21.08	0.10	0.022	(0.183)	0.009	0.012

254	21.17	0.10	0.022	(0.182)	0.009	0.012
255	21.25	0.10	0.022	(0.181)	0.009	0.012
256	21.33	0.07	0.014	(0.181)	0.006	0.008
257	21.42	0.07	0.014	(0.180)	0.006	0.008
258	21.50	0.07	0.014	(0.179)	0.006	0.008
259	21.58	0.10	0.022	(0.179)	0.009	0.012
260	21.67	0.10	0.022	(0.178)	0.009	0.012
261	21.75	0.10	0.022	(0.177)	0.009	0.012
262	21.83	0.07	0.014	(0.177)	0.006	0.008
263	21.92	0.07	0.014	(0.176)	0.006	0.008
264	22.00	0.07	0.014	(0.175)	0.006	0.008
265	22.08	0.10	0.022	(0.175)	0.009	0.012
266	22.17	0.10	0.022	(0.174)	0.009	0.012
267	22.25	0.10	0.022	(0.174)	0.009	0.012
268	22.33	0.07	0.014	(0.173)	0.006	0.008
269	22.42	0.07	0.014	(0.173)	0.006	0.008
270	22.50	0.07	0.014	(0.172)	0.006	0.008
271	22.58	0.07	0.014	(0.172)	0.006	0.008
272	22.67	0.07	0.014	(0.171)	0.006	0.008
273	22.75	0.07	0.014	(0.171)	0.006	0.008
274	22.83	0.07	0.014	(0.170)	0.006	0.008
275	22.92	0.07	0.014	(0.170)	0.006	0.008
276	23.00	0.07	0.014	(0.169)	0.006	0.008
277	23.08	0.07	0.014	(0.169)	0.006	0.008
278	23.17	0.07	0.014	(0.169)	0.006	0.008
279	23.25	0.07	0.014	(0.168)	0.006	0.008
280	23.33	0.07	0.014	(0.168)	0.006	0.008
281	23.42	0.07	0.014	(0.168)	0.006	0.008
282	23.50	0.07	0.014	(0.167)	0.006	0.008
283	23.58	0.07	0.014	(0.167)	0.006	0.008
284	23.67	0.07	0.014	(0.167)	0.006	0.008
285	23.75	0.07	0.014	(0.167)	0.006	0.008
286	23.83	0.07	0.014	(0.166)	0.006	0.008
287	23.92	0.07	0.014	(0.166)	0.006	0.008
288	24.00	0.07	0.014	(0.166)	0.006	0.008

(Loss Rate Not Used)

Sum = 100.0 Sum = 12.1

Flood volume = Effective rainfall times area = $1.01(\text{In}) \times 0.9(\text{Ac.}) / [(\text{In}) / (\text{Ft.})] = 0.1(\text{Ac.Ft})$
 Total soil loss = 0.79(In)
 Total soil loss = 0.059(Ac.Ft)
 Total rainfall = 1.80(In)
 Flood volume = 3261.2 Cubic Feet
 Total soil loss = 2554.1 Cubic Feet

Peak flow rate of this hydrograph = 0.123(CFS)

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24 - H O U R S T O R M
R u n o f f H y d r o g r a p h

Hydrograph in 5 Minute intervals ((CFS))

Time(h+m)	Volume Ac.Ft	Q(CFS)	0	2.5	5.0	7.5	10.0
0+ 5	0.0000	0.01	Q				
0+10	0.0001	0.01	Q				
0+15	0.0001	0.01	Q				
0+20	0.0002	0.01	Q				
0+25	0.0003	0.01	Q				
0+30	0.0004	0.01	Q				
0+35	0.0004	0.01	Q				
0+40	0.0005	0.01	Q				
0+45	0.0006	0.01	Q				
0+50	0.0007	0.01	Q				
0+55	0.0008	0.01	Q				
1+ 0	0.0009	0.01	Q				
1+ 5	0.0010	0.01	Q				
1+10	0.0010	0.01	Q				
1+15	0.0011	0.01	Q				

1+20	0.0012	0.01	Q
1+25	0.0012	0.01	Q
1+30	0.0013	0.01	Q
1+35	0.0014	0.01	Q
1+40	0.0015	0.01	Q
1+45	0.0015	0.01	Q
1+50	0.0016	0.01	Q
1+55	0.0017	0.01	Q
2+ 0	0.0018	0.01	Q
2+ 5	0.0019	0.01	QV
2+10	0.0020	0.01	QV
2+15	0.0021	0.01	QV
2+20	0.0022	0.01	QV
2+25	0.0023	0.01	QV
2+30	0.0024	0.01	QV
2+35	0.0026	0.02	QV
2+40	0.0027	0.02	QV
2+45	0.0028	0.02	QV
2+50	0.0029	0.02	QV
2+55	0.0031	0.02	QV
3+ 0	0.0032	0.02	QV
3+ 5	0.0033	0.02	QV
3+10	0.0034	0.02	QV
3+15	0.0036	0.02	QV
3+20	0.0037	0.02	QV
3+25	0.0038	0.02	Q V
3+30	0.0039	0.02	Q V
3+35	0.0041	0.02	Q V
3+40	0.0042	0.02	Q V
3+45	0.0043	0.02	Q V
3+50	0.0044	0.02	Q V
3+55	0.0046	0.02	Q V
4+ 0	0.0047	0.02	Q V
4+ 5	0.0049	0.02	Q V
4+10	0.0050	0.02	Q V
4+15	0.0052	0.02	Q V
4+20	0.0054	0.02	Q V
4+25	0.0055	0.03	Q V
4+30	0.0057	0.03	Q V
4+35	0.0059	0.03	Q V
4+40	0.0061	0.03	Q V
4+45	0.0062	0.03	Q V
4+50	0.0064	0.03	Q V
4+55	0.0066	0.03	Q V
5+ 0	0.0068	0.03	Q V
5+ 5	0.0070	0.02	Q V
5+10	0.0071	0.02	Q V
5+15	0.0073	0.02	Q V
5+20	0.0075	0.02	Q V
5+25	0.0076	0.03	Q V
5+30	0.0078	0.03	Q V
5+35	0.0080	0.03	Q V
5+40	0.0082	0.03	Q V
5+45	0.0084	0.03	Q V
5+50	0.0086	0.03	Q V
5+55	0.0088	0.03	Q V
6+ 0	0.0090	0.03	Q V
6+ 5	0.0092	0.03	Q V
6+10	0.0094	0.03	Q V
6+15	0.0097	0.03	Q V
6+20	0.0099	0.03	Q V
6+25	0.0101	0.03	Q V
6+30	0.0103	0.03	Q V
6+35	0.0106	0.04	Q V
6+40	0.0108	0.04	Q V
6+45	0.0111	0.04	Q V
6+50	0.0113	0.04	Q V
6+55	0.0116	0.04	Q V
7+ 0	0.0118	0.04	Q V
7+ 5	0.0121	0.04	Q V
7+10	0.0123	0.04	Q V

7+15	0.0126	0.04	Q	V					
7+20	0.0128	0.04	Q	V					
7+25	0.0131	0.04	Q	V					
7+30	0.0134	0.04	Q	V					
7+35	0.0137	0.04	Q	V					
7+40	0.0140	0.04	Q	V					
7+45	0.0143	0.04	Q	V					
7+50	0.0146	0.05	Q	V					
7+55	0.0149	0.05	Q	V					
8+ 0	0.0152	0.05	Q	V					
8+ 5	0.0156	0.05	Q	V					
8+10	0.0160	0.05	Q	V					
8+15	0.0164	0.05	Q	V					
8+20	0.0167	0.05	Q	V					
8+25	0.0171	0.05	Q	V					
8+30	0.0175	0.05	Q	V					
8+35	0.0179	0.06	Q	V					
8+40	0.0183	0.06	Q	V					
8+45	0.0187	0.06	Q	V					
8+50	0.0191	0.06	Q	V					
8+55	0.0195	0.06	Q	V					
9+ 0	0.0199	0.06	Q	V					
9+ 5	0.0204	0.07	Q	V					
9+10	0.0209	0.07	Q	V					
9+15	0.0213	0.07	Q	V					
9+20	0.0218	0.07	Q	V					
9+25	0.0223	0.07	Q	V					
9+30	0.0228	0.07	Q	V					
9+35	0.0233	0.07	Q	V					
9+40	0.0239	0.08	Q	V					
9+45	0.0244	0.08	Q	V					
9+50	0.0249	0.08	Q	V					
9+55	0.0255	0.08	Q	V					
10+ 0	0.0260	0.08	Q	V					
10+ 5	0.0265	0.06	Q	V					
10+10	0.0268	0.05	Q	V					
10+15	0.0272	0.05	Q	V					
10+20	0.0276	0.05	Q	V					
10+25	0.0280	0.05	Q	V					
10+30	0.0283	0.05	Q	V					
10+35	0.0288	0.07	Q	V					
10+40	0.0293	0.07	Q	V					
10+45	0.0298	0.07	Q	V					
10+50	0.0303	0.07	Q	V					
10+55	0.0308	0.07	Q	V					
11+ 0	0.0313	0.07	Q	V					
11+ 5	0.0318	0.07	Q	V					
11+10	0.0322	0.07	Q	V					
11+15	0.0327	0.07	Q	V					
11+20	0.0332	0.07	Q	V					
11+25	0.0337	0.07	Q	V					
11+30	0.0341	0.07	Q	V					
11+35	0.0346	0.06	Q	V					
11+40	0.0350	0.06	Q	V					
11+45	0.0354	0.06	Q	V					
11+50	0.0359	0.06	Q	V					
11+55	0.0363	0.07	Q	V					
12+ 0	0.0368	0.07	Q	V					
12+ 5	0.0373	0.08	Q	V					
12+10	0.0380	0.09	Q	V					
12+15	0.0386	0.09	Q	V					
12+20	0.0392	0.09	Q	V					
12+25	0.0399	0.09	Q	V					
12+30	0.0405	0.09	Q	V					
12+35	0.0412	0.10	Q	V					
12+40	0.0419	0.10	Q	V					
12+45	0.0426	0.10	Q	V					
12+50	0.0433	0.10	Q	V					
12+55	0.0440	0.11	Q	V					
13+ 0	0.0448	0.11	Q	V					
13+ 5	0.0456	0.12	Q	V					

13+10	0.0464	0.12	Q			V		
13+15	0.0473	0.12	Q			V		
13+20	0.0481	0.12	Q			V		
13+25	0.0490	0.12	Q			V		
13+30	0.0498	0.12	Q			V		
13+35	0.0505	0.10	Q			V		
13+40	0.0511	0.08	Q			V		
13+45	0.0516	0.08	Q			V		
13+50	0.0522	0.08	Q			V		
13+55	0.0528	0.08	Q			V		
14+ 0	0.0534	0.08	Q			V		
14+ 5	0.0540	0.09	Q			V		
14+10	0.0547	0.10	Q			V		
14+15	0.0553	0.10	Q			V		
14+20	0.0560	0.10	Q			V		
14+25	0.0567	0.09	Q			V		
14+30	0.0573	0.09	Q			V		
14+35	0.0579	0.09	Q			V		
14+40	0.0586	0.09	Q			V		
14+45	0.0592	0.09	Q			V		
14+50	0.0599	0.09	Q			V		
14+55	0.0605	0.09	Q			V		
15+ 0	0.0611	0.09	Q			V		
15+ 5	0.0617	0.09	Q			V		
15+10	0.0623	0.09	Q			V		
15+15	0.0629	0.09	Q			V		
15+20	0.0635	0.08	Q			V		
15+25	0.0641	0.08	Q			V		
15+30	0.0647	0.08	Q			V		
15+35	0.0652	0.07	Q			V		
15+40	0.0656	0.07	Q			V		
15+45	0.0661	0.07	Q			V		
15+50	0.0666	0.07	Q			V		
15+55	0.0671	0.07	Q			V		
16+ 0	0.0675	0.07	Q			V		
16+ 5	0.0677	0.03	Q			V		
16+10	0.0678	0.01	Q			V		
16+15	0.0679	0.01	Q			V		
16+20	0.0680	0.01	Q			V		
16+25	0.0681	0.01	Q			V		
16+30	0.0682	0.01	Q			V		
16+35	0.0683	0.01	Q			V		
16+40	0.0684	0.01	Q			V		
16+45	0.0685	0.01	Q			V		
16+50	0.0686	0.01	Q			V		
16+55	0.0686	0.01	Q			V		
17+ 0	0.0687	0.01	Q			V		
17+ 5	0.0688	0.02	Q			V		
17+10	0.0689	0.02	Q			V		
17+15	0.0691	0.02	Q			V		
17+20	0.0692	0.02	Q			V		
17+25	0.0693	0.02	Q			V		
17+30	0.0694	0.02	Q			V		
17+35	0.0696	0.02	Q			V		
17+40	0.0697	0.02	Q			V		
17+45	0.0698	0.02	Q			V		
17+50	0.0699	0.02	Q			V		
17+55	0.0700	0.01	Q			V		
18+ 0	0.0701	0.01	Q			V		
18+ 5	0.0702	0.01	Q			V		
18+10	0.0703	0.01	Q			V		
18+15	0.0704	0.01	Q			V		
18+20	0.0705	0.01	Q			V		
18+25	0.0706	0.01	Q			V		
18+30	0.0707	0.01	Q			V		
18+35	0.0708	0.01	Q			V		
18+40	0.0709	0.01	Q			V		
18+45	0.0710	0.01	Q			V		
18+50	0.0710	0.01	Q			V		
18+55	0.0711	0.01	Q			V		
19+ 0	0.0711	0.01	Q			V		

19+ 5	0.0712	0.01	Q				V
19+10	0.0713	0.01	Q				V
19+15	0.0713	0.01	Q				V
19+20	0.0714	0.01	Q				V
19+25	0.0715	0.01	Q				V
19+30	0.0716	0.01	Q				V
19+35	0.0717	0.01	Q				V
19+40	0.0718	0.01	Q				V
19+45	0.0718	0.01	Q				V
19+50	0.0719	0.01	Q				V
19+55	0.0720	0.01	Q				V
20+ 0	0.0720	0.01	Q				V
20+ 5	0.0721	0.01	Q				V
20+10	0.0721	0.01	Q				V
20+15	0.0722	0.01	Q				V
20+20	0.0723	0.01	Q				V
20+25	0.0724	0.01	Q				V
20+30	0.0724	0.01	Q				V
20+35	0.0725	0.01	Q				V
20+40	0.0726	0.01	Q				V
20+45	0.0727	0.01	Q				V
20+50	0.0727	0.01	Q				V
20+55	0.0728	0.01	Q				V
21+ 0	0.0728	0.01	Q				V
21+ 5	0.0729	0.01	Q				V
21+10	0.0730	0.01	Q				V
21+15	0.0730	0.01	Q				V
21+20	0.0731	0.01	Q				V
21+25	0.0732	0.01	Q				V
21+30	0.0732	0.01	Q				V
21+35	0.0733	0.01	Q				V
21+40	0.0733	0.01	Q				V
21+45	0.0734	0.01	Q				V
21+50	0.0735	0.01	Q				V
21+55	0.0735	0.01	Q				V
22+ 0	0.0736	0.01	Q				V
22+ 5	0.0736	0.01	Q				V
22+10	0.0737	0.01	Q				V
22+15	0.0738	0.01	Q				V
22+20	0.0739	0.01	Q				V
22+25	0.0739	0.01	Q				V
22+30	0.0740	0.01	Q				V
22+35	0.0740	0.01	Q				V
22+40	0.0741	0.01	Q				V
22+45	0.0741	0.01	Q				V
22+50	0.0742	0.01	Q				V
22+55	0.0742	0.01	Q				V
23+ 0	0.0743	0.01	Q				V
23+ 5	0.0743	0.01	Q				V
23+10	0.0744	0.01	Q				V
23+15	0.0744	0.01	Q				V
23+20	0.0745	0.01	Q				V
23+25	0.0745	0.01	Q				V
23+30	0.0746	0.01	Q				V
23+35	0.0746	0.01	Q				V
23+40	0.0747	0.01	Q				V
23+45	0.0747	0.01	Q				V
23+50	0.0748	0.01	Q				V
23+55	0.0748	0.01	Q				V
24+ 0	0.0749	0.01	Q				V
24+ 5	0.0749	0.00	Q				V

Unit Hydrograph Analysis

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Study date 01/19/23 File: D11100.out

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Riverside County Synthetic Unit Hydrology Method
RCFC & WCD Manual date - April 1978

Program License Serial Number 6545

English (in-lb) Input Units Used
English Rainfall Data (Inches) Input Values Used

English Units used in output format

MENIFEE STAXUP STORAGE EXPANSION
PRELIMINARY DRAINAGE STUDY
PROPOSED AREA D1
100-YEAR; 1-HOUR

Drainage Area = 0.89(Ac.) = 0.001 Sq. Mi.
Drainage Area for Depth-Area Areal Adjustment = 0.89(Ac.) = 0.001 Sq. Mi.
Length along longest watercourse = 409.00(Ft.)
Length along longest watercourse measured to centroid = 204.00(Ft.)
Length along longest watercourse = 0.077 Mi.
Length along longest watercourse measured to centroid = 0.039 Mi.
Difference in elevation = 5.30(Ft.)
Slope along watercourse = 68.4205 Ft./Mi.
Average Manning's 'N' = 0.015
Lag time = 0.018 Hr.
Lag time = 1.06 Min.
25% of lag time = 0.27 Min.
40% of lag time = 0.43 Min.
Unit time = 5.00 Min.
Duration of storm = 1 Hour(s)
User Entered Base Flow = 0.00(CFS)

2 YEAR Area rainfall data:

Area(Ac.)[1]	Rainfall(In)[2]	weighting[1*2]
0.89	0.50	0.45

100 YEAR Area rainfall data:

Area(Ac.)[1]	Rainfall(In)[2]	weighting[1*2]
0.89	1.25	1.11

STORM EVENT (YEAR) = 100.00
Area Averaged 2-Year Rainfall = 0.500(In)
Area Averaged 100-Year Rainfall = 1.250(In)

Point rain (area averaged) = 1.250(In)
Areal adjustment factor = 100.00 %
Adjusted average point rain = 1.250(In)

Sub-Area Data:

Area(Ac.)	Runoff Index	Impervious %
0.890	57.80	0.576
Total Area Entered =	0.89(Ac.)	

RI	RI	Infil. Rate	Impervious	Adj. Infil. Rate	Area%	F
AMC2	AMC-3	(In/Hr)	(Dec.%)	(In/Hr)	(Dec.)	(In/Hr)
57.8	76.2	0.288	0.576	0.139	1.000	0.139
						Sum (F) = 0.139

Area averaged mean soil loss (F) (In/Hr) = 0.139

Minimum soil loss rate ((In/Hr)) = 0.069

(for 24 hour storm duration)

Soil loss rate (decimal) = 0.439

 Slope of intensity-duration curve for a 1 hour storm = 0.5300

U n i t H y d r o g r a p h
 VALLEY S-Curve

 Unit Hydrograph Data

Unit time period (hrs)	Time % of lag	Distribution Graph %	Unit Hydrograph (CFS)
1	0.083	470.207	0.622
2	0.167	940.414	0.275
		Sum = 100.000	Sum= 0.897

The following loss rate calculations reflect use of the minimum calculated loss rate subtracted from the Storm Rain to produce the maximum Effective Rain value

Unit Time (Hr.)	Pattern Percent	Storm Rain (In/Hr)	Loss rate(In./Hr)		Effective (In/Hr)
			Max	Low	
1	0.08	3.40	0.510	0.139 (0.224)	0.371
2	0.17	4.70	0.705	0.139 (0.310)	0.566
3	0.25	4.70	0.705	0.139 (0.310)	0.566
4	0.33	5.10	0.765	0.139 (0.336)	0.626
5	0.42	5.80	0.870	0.139 (0.382)	0.731
6	0.50	5.90	0.885	0.139 (0.389)	0.746
7	0.58	7.10	1.065	0.139 (0.468)	0.926
8	0.67	8.70	1.305	0.139 (0.573)	1.166
9	0.75	13.20	1.980	0.139 (0.870)	1.841
10	0.83	29.70	4.455	0.139 (1.957)	4.316
11	0.92	7.70	1.155	0.139 (0.507)	1.016
12	1.00	4.00	0.600	0.139 (0.264)	0.461
Sum =	100.0	(Loss Rate Not Used)		Sum =	13.3

Flood volume = Effective rainfall 1.11(In)
 times area 0.9(Ac.) / [(In)/(Ft.)] = 0.1(Ac.Ft)
 Total soil loss = 0.14(In)
 Total soil loss = 0.010(Ac.Ft)
 Total rainfall = 1.25(In)
 Flood volume = 3589.7 Cubic Feet
 Total soil loss = 448.7 Cubic Feet

 Peak flow rate of this hydrograph = 3.193(CFS)

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 1 - H O U R S T O R M
 R u n o f f H y d r o g r a p h

Hydrograph in 5 Minute intervals ((CFS))

Time(h+m)	Volume Ac.Ft	Q(CFS)	0	2.5	5.0	7.5	10.0
0+ 5	0.0016	0.23	Q				
0+10	0.0047	0.45	QV				
0+15	0.0082	0.51	QV				
0+20	0.0120	0.55	Q V				
0+25	0.0163	0.63	Q V				

0+30	0.0209	0.67	Q	V			
0+35	0.0263	0.78	Q	V			
0+40	0.0330	0.98	Q	V			
0+45	0.0431	1.47	Q	V			
0+50	0.0651	3.19	Q	V			
0+55	0.0776	1.82	Q	V			
1+ 0	0.0815	0.57	Q	V			
1+ 5	0.0824	0.13	Q	V			

Unit Hydrograph Analysis

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Riverside County Synthetic Unit Hydrology Method
RCFC & WCD Manual date - April 1978

Program License Serial Number 6545

English (in-lb) Input Units Used
English Rainfall Data (Inches) Input Values Used

English Units used in output format

MENIFEE STAXUP STORAGE EXPANSION
PRELIMINARY DRAINAGE STUDY
PROPOSED AREA D1
100-YEAR; 3-HOUR

Drainage Area = 0.89(Ac.) = 0.001 Sq. Mi.
Drainage Area for Depth-Area Areal Adjustment = 0.89(Ac.) = 0.001 Sq. Mi.
Length along longest watercourse = 409.00(Ft.)
Length along longest watercourse measured to centroid = 204.00(Ft.)
Length along longest watercourse = 0.077 Mi.
Length along longest watercourse measured to centroid = 0.039 Mi.
Difference in elevation = 5.30(Ft.)
Slope along watercourse = 68.4205 Ft./Mi.
Average Manning's 'N' = 0.015
Lag time = 0.018 Hr.
Lag time = 1.06 Min.
25% of lag time = 0.27 Min.
40% of lag time = 0.43 Min.
Unit time = 5.00 Min.
Duration of storm = 3 Hour(s)
User Entered Base Flow = 0.00(CFS)

2 YEAR Area rainfall data:

Area(Ac.)[1]	Rainfall(In)[2]	weighting[1*2]
0.89	0.80	0.71

100 YEAR Area rainfall data:

Area(Ac.)[1]	Rainfall(In)[2]	weighting[1*2]
0.89	1.90	1.69

STORM EVENT (YEAR) = 100.00
Area Averaged 2-Year Rainfall = 0.800(In)
Area Averaged 100-Year Rainfall = 1.900(In)

Point rain (area averaged) = 1.900(In)
Areal adjustment factor = 100.00 %
Adjusted average point rain = 1.900(In)

Sub-Area Data:

Area(Ac.)	Runoff Index	Impervious %
0.890	57.80	0.576
Total Area Entered =	0.89(Ac.)	

RI	RI	Infil. Rate	Impervious	Adj. Infil. Rate	Area%	F
AMC2	AMC-3	(In/Hr)	(Dec.%)	(In/Hr)	(Dec.)	(In/Hr)
57.8	76.2	0.288	0.576	0.139	1.000	0.139
						Sum (F) = 0.139

Area averaged mean soil loss (F) (In/Hr) = 0.139
 Minimum soil loss rate ((In/Hr)) = 0.069
 (for 24 hour storm duration)
 Soil loss rate (decimal) = 0.439

U n i t H y d r o g r a p h
 VALLEY S-Curve

Unit Hydrograph Data

Unit time period (hrs)	Time % of lag	Distribution Graph %	Unit Hydrograph (CFS)
1	0.083	470.207	69.375
2	0.167	940.414	30.625
		Sum = 100.000	Sum= 0.897

The following loss rate calculations reflect use of the minimum calculated loss rate subtracted from the Storm Rain to produce the maximum Effective Rain value

Unit Time (Hr.)	Pattern Percent	Storm Rain (In/Hr)	Loss rate(In./Hr) Max Low	Effective (In/Hr)
1	0.08	1.30	(0.139) 0.130	0.166
2	0.17	1.30	(0.139) 0.130	0.166
3	0.25	1.10	(0.139) 0.110	0.141
4	0.33	1.50	0.139 (0.150)	0.203
5	0.42	1.50	0.139 (0.150)	0.203
6	0.50	1.80	0.139 (0.180)	0.272
7	0.58	1.50	0.139 (0.150)	0.203
8	0.67	1.80	0.139 (0.180)	0.272
9	0.75	1.80	0.139 (0.180)	0.272
10	0.83	1.50	0.139 (0.150)	0.203
11	0.92	1.60	0.139 (0.160)	0.226
12	1.00	1.80	0.139 (0.180)	0.272
13	1.08	2.20	0.139 (0.220)	0.363
14	1.17	2.20	0.139 (0.220)	0.363
15	1.25	2.20	0.139 (0.220)	0.363
16	1.33	2.00	0.139 (0.200)	0.317
17	1.42	2.60	0.139 (0.260)	0.454
18	1.50	2.70	0.139 (0.270)	0.477
19	1.58	2.40	0.139 (0.240)	0.408
20	1.67	2.70	0.139 (0.270)	0.477
21	1.75	3.30	0.139 (0.330)	0.614
22	1.83	3.10	0.139 (0.310)	0.568
23	1.92	2.90	0.139 (0.290)	0.522
24	2.00	3.00	0.139 (0.300)	0.545
25	2.08	3.10	0.139 (0.310)	0.568
26	2.17	4.20	0.139 (0.421)	0.819
27	2.25	5.00	0.139 (0.501)	1.001
28	2.33	3.50	0.139 (0.350)	0.659
29	2.42	6.80	0.139 (0.681)	1.412
30	2.50	7.30	0.139 (0.731)	1.526
31	2.58	8.20	0.139 (0.821)	1.731
32	2.67	5.90	0.139 (0.591)	1.206
33	2.75	2.00	0.139 (0.200)	0.317
34	2.83	1.80	0.139 (0.180)	0.272
35	2.92	1.80	0.139 (0.180)	0.272
36	3.00	0.60	(0.139) 0.060	0.077
		(Loss Rate Not Used)		
Sum =	100.0		Sum =	17.9

Flood volume = Effective rainfall 1.49(In)
 times area 0.9(Ac.)/[(In)/(Ft.)] = 0.1(Ac.Ft)

Total soil loss = 0.41(In)
 Total soil loss = 0.030(Ac.Ft)
 Total rainfall = 1.90(In)
 Flood volume = 4825.9 Cubic Feet
 Total soil loss = 1312.4 Cubic Feet

 Peak flow rate of this hydrograph = 1.497(CFS)

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 3 - H O U R S T O R M
 R u n o f f H y d r o g r a p h

Hydrograph in 5 Minute intervals ((CFS))

Time(h+m)	Volume Ac.Ft	Q(CFS)	0	2.5	5.0	7.5	10.0
0+ 5	0.0007	0.10	Q				
0+10	0.0017	0.15	Q				
0+15	0.0027	0.13	Q				
0+20	0.0038	0.17	QV				
0+25	0.0051	0.18	QV				
0+30	0.0066	0.22	Q V				
0+35	0.0080	0.20	Q V				
0+40	0.0095	0.22	Q V				
0+45	0.0112	0.24	Q V				
0+50	0.0126	0.20	Q V				
0+55	0.0139	0.20	Q V				
1+ 0	0.0155	0.23	Q V				
1+ 5	0.0176	0.30	Q V				
1+10	0.0199	0.33	Q V				
1+15	0.0221	0.33	Q V				
1+20	0.0241	0.30	Q V				
1+25	0.0267	0.37	Q V				
1+30	0.0296	0.42	Q V				
1+35	0.0322	0.39	Q V				
1+40	0.0351	0.41	Q V				
1+45	0.0386	0.51	Q V				
1+50	0.0422	0.52	Q V				
1+55	0.0455	0.48	Q V				
2+ 0	0.0488	0.48	Q V				
2+ 5	0.0523	0.50	Q V				
2+10	0.0569	0.67	Q V				
2+15	0.0627	0.85	Q V				
2+20	0.0674	0.69	Q V				
2+25	0.0747	1.06	Q V				
2+30	0.0840	1.34	Q V				
2+35	0.0943	1.50	Q V				
2+40	0.1027	1.23	Q V				
2+45	0.1064	0.53	Q V				
2+50	0.1081	0.26	Q V				
2+55	0.1098	0.24	Q V				
3+ 0	0.1106	0.12	Q V				
3+ 5	0.1108	0.02	Q V				

Unit Hydrograph Analysis

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Study date 01/19/23 File: D16100.out

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Riverside County Synthetic Unit Hydrology Method
RCFC & WCD Manual date - April 1978

Program License Serial Number 6545

English (in-lb) Input Units Used
English Rainfall Data (Inches) Input Values Used

English Units used in output format

MENIFEE STAXUP STORAGE EXPANSION
PRELIMINARY DRAINAGE STUDY
PROPOSED AREA D1
100-YEARV; 6-HOUR

Drainage Area = 0.89(Ac.) = 0.001 Sq. Mi.
Drainage Area for Depth-Area Areal Adjustment = 0.89(Ac.) = 0.001 Sq. Mi.
Length along longest watercourse = 409.00(Ft.)
Length along longest watercourse measured to centroid = 204.00(Ft.)
Length along longest watercourse = 0.077 Mi.
Length along longest watercourse measured to centroid = 0.039 Mi.
Difference in elevation = 5.30(Ft.)
Slope along watercourse = 68.4205 Ft./Mi.
Average Manning's 'N' = 0.015
Lag time = 0.018 Hr.
Lag time = 1.06 Min.
25% of lag time = 0.27 Min.
40% of lag time = 0.43 Min.
Unit time = 5.00 Min.
Duration of storm = 6 Hour(s)
User Entered Base Flow = 0.00(CFS)

2 YEAR Area rainfall data:

Area(Ac.)[1]	Rainfall(In)[2]	weighting[1*2]
0.89	1.10	0.98

100 YEAR Area rainfall data:

Area(Ac.)[1]	Rainfall(In)[2]	weighting[1*2]
0.89	2.50	2.23

STORM EVENT (YEAR) = 100.00
Area Averaged 2-Year Rainfall = 1.100(In)
Area Averaged 100-Year Rainfall = 2.500(In)

Point rain (area averaged) = 2.500(In)
Areal adjustment factor = 100.00 %
Adjusted average point rain = 2.500(In)

Sub-Area Data:

Area(Ac.)	Runoff Index	Impervious %
0.890	57.80	0.576
Total Area Entered = 0.89(Ac.)		

RI	RI	Infil. Rate	Impervious	Adj. Infil. Rate	Area%	F
AMC2	AMC-3	(In/Hr)	(Dec.%)	(In/Hr)	(Dec.)	(In/Hr)
57.8	76.2	0.288	0.576	0.139	1.000	0.139
						Sum (F) = 0.139

Area averaged mean soil loss (F) (In/Hr) = 0.139

Minimum soil loss rate ((In/Hr)) = 0.069

(for 24 hour storm duration)

Soil loss rate (decimal) = 0.439

U n i t H y d r o g r a p h
VALLEY S-Curve

Unit Hydrograph Data

Unit time period (hrs)	Time % of lag	Distribution Graph %	Unit Hydrograph (CFS)
1	0.083	470.207	69.375
2	0.167	940.414	30.625
		Sum = 100.000	Sum= 0.897

The following loss rate calculations reflect use of the minimum calculated loss rate subtracted from the Storm Rain to produce the maximum Effective Rain value

Unit Time (Hr.)	Pattern Percent	Storm Rain (In/Hr)	Loss rate(In./Hr)		Effective (In/Hr)
			Max	Low	
1	0.08	0.150	(0.139)	0.066	0.084
2	0.17	0.180	(0.139)	0.079	0.101
3	0.25	0.180	(0.139)	0.079	0.101
4	0.33	0.180	(0.139)	0.079	0.101
5	0.42	0.180	(0.139)	0.079	0.101
6	0.50	0.210	(0.139)	0.092	0.118
7	0.58	0.210	(0.139)	0.092	0.118
8	0.67	0.210	(0.139)	0.092	0.118
9	0.75	0.210	(0.139)	0.092	0.118
10	0.83	0.210	(0.139)	0.092	0.118
11	0.92	0.210	(0.139)	0.092	0.118
12	1.00	0.240	(0.139)	0.105	0.135
13	1.08	0.240	(0.139)	0.105	0.135
14	1.17	0.240	(0.139)	0.105	0.135
15	1.25	0.240	(0.139)	0.105	0.135
16	1.33	0.240	(0.139)	0.105	0.135
17	1.42	0.240	(0.139)	0.105	0.135
18	1.50	0.240	(0.139)	0.105	0.135
19	1.58	0.240	(0.139)	0.105	0.135
20	1.67	0.240	(0.139)	0.105	0.135
21	1.75	0.240	(0.139)	0.105	0.135
22	1.83	0.240	(0.139)	0.105	0.135
23	1.92	0.240	(0.139)	0.105	0.135
24	2.00	0.270	(0.139)	0.119	0.151
25	2.08	0.240	(0.139)	0.105	0.135
26	2.17	0.270	(0.139)	0.119	0.151
27	2.25	0.270	(0.139)	0.119	0.151
28	2.33	0.270	(0.139)	0.119	0.151
29	2.42	0.270	(0.139)	0.119	0.151
30	2.50	0.270	(0.139)	0.119	0.151
31	2.58	0.270	(0.139)	0.119	0.151
32	2.67	0.270	(0.139)	0.119	0.151
33	2.75	0.300	(0.139)	0.132	0.168
34	2.83	0.300	(0.139)	0.132	0.168
35	2.92	0.300	(0.139)	0.132	0.168
36	3.00	0.300	(0.139)	0.132	0.168
37	3.08	0.300	(0.139)	0.132	0.168
38	3.17	0.330	0.139 (0.145)		0.191
39	3.25	0.330	0.139 (0.145)		0.191
40	3.33	0.330	0.139 (0.145)		0.191

41	3.42	1.20	0.360	0.139	(0.158)	0.221
42	3.50	1.30	0.390	0.139	(0.171)	0.251
43	3.58	1.40	0.420	0.139	(0.184)	0.281
44	3.67	1.40	0.420	0.139	(0.184)	0.281
45	3.75	1.50	0.450	0.139	(0.198)	0.311
46	3.83	1.50	0.450	0.139	(0.198)	0.311
47	3.92	1.60	0.480	0.139	(0.211)	0.341
48	4.00	1.60	0.480	0.139	(0.211)	0.341
49	4.08	1.70	0.510	0.139	(0.224)	0.371
50	4.17	1.80	0.540	0.139	(0.237)	0.401
51	4.25	1.90	0.570	0.139	(0.250)	0.431
52	4.33	2.00	0.600	0.139	(0.264)	0.461
53	4.42	2.10	0.630	0.139	(0.277)	0.491
54	4.50	2.10	0.630	0.139	(0.277)	0.491
55	4.58	2.20	0.660	0.139	(0.290)	0.521
56	4.67	2.30	0.690	0.139	(0.303)	0.551
57	4.75	2.40	0.720	0.139	(0.316)	0.581
58	4.83	2.40	0.720	0.139	(0.316)	0.581
59	4.92	2.50	0.750	0.139	(0.329)	0.611
60	5.00	2.60	0.780	0.139	(0.343)	0.641
61	5.08	3.10	0.930	0.139	(0.408)	0.791
62	5.17	3.60	1.080	0.139	(0.474)	0.941
63	5.25	3.90	1.170	0.139	(0.514)	1.031
64	5.33	4.20	1.260	0.139	(0.553)	1.121
65	5.42	4.70	1.410	0.139	(0.619)	1.271
66	5.50	5.60	1.680	0.139	(0.738)	1.541
67	5.58	1.90	0.570	0.139	(0.250)	0.431
68	5.67	0.90	0.270	(0.139)	0.119	0.151
69	5.75	0.60	0.180	(0.139)	0.079	0.101
70	5.83	0.50	0.150	(0.139)	0.066	0.084
71	5.92	0.30	0.090	(0.139)	0.040	0.050
72	6.00	0.20	0.060	(0.139)	0.026	0.034

(Loss Rate Not Used)

Sum = 100.0

Sum = 21.6

Flood volume = Effective rainfall 1.80(In)
 times area 0.9(Ac.)/[((In)/(Ft.))] = 0.1(Ac.Ft)
 Total soil loss = 0.70(In)
 Total soil loss = 0.052(Ac.Ft)
 Total rainfall = 2.50(In)
 Flood volume = 5812.8 Cubic Feet
 Total soil loss = 2263.9 Cubic Feet

 Peak flow rate of this hydrograph = 1.309(CFS)

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 6 - H O U R S T O R M
 R u n o f f H y d r o g r a p h

Hydrograph in 5 Minute intervals ((CFS))

Time(h+m)	Volume Ac.Ft	Q(CFS)	0	2.5	5.0	7.5	10.0
0+ 5	0.0004	0.05	Q				
0+10	0.0010	0.09	Q				
0+15	0.0016	0.09	Q				
0+20	0.0022	0.09	Q				
0+25	0.0028	0.09	Q				
0+30	0.0035	0.10	QV				
0+35	0.0042	0.11	QV				
0+40	0.0050	0.11	QV				
0+45	0.0057	0.11	QV				
0+50	0.0064	0.11	QV				
0+55	0.0072	0.11	Q V				
1+ 0	0.0080	0.12	Q V				
1+ 5	0.0088	0.12	Q V				
1+10	0.0096	0.12	Q V				
1+15	0.0105	0.12	Q V				
1+20	0.0113	0.12	Q V				
1+25	0.0121	0.12	Q V				
1+30	0.0130	0.12	Q V				

1+35	0.0138	0.12	Q	V				
1+40	0.0146	0.12	Q	V				
1+45	0.0154	0.12	Q	V				
1+50	0.0163	0.12	Q	V				
1+55	0.0171	0.12	Q	V				
2+ 0	0.0180	0.13	Q	V				
2+ 5	0.0189	0.13	Q	V				
2+10	0.0198	0.13	Q	V				
2+15	0.0207	0.14	Q	V				
2+20	0.0217	0.14	Q	V				
2+25	0.0226	0.14	Q	V				
2+30	0.0235	0.14	Q	V				
2+35	0.0245	0.14	Q	V				
2+40	0.0254	0.14	Q	V				
2+45	0.0264	0.15	Q	V				
2+50	0.0274	0.15	Q	V				
2+55	0.0285	0.15	Q	V				
3+ 0	0.0295	0.15	Q	V				
3+ 5	0.0306	0.15	Q	V				
3+10	0.0317	0.17	Q	V				
3+15	0.0329	0.17	Q	V				
3+20	0.0341	0.17	Q	V				
3+25	0.0354	0.19	Q	V				
3+30	0.0369	0.22	Q	V				
3+35	0.0386	0.24	Q	V				
3+40	0.0403	0.25	Q	V				
3+45	0.0422	0.27	Q	V				
3+50	0.0441	0.28	Q	V				
3+55	0.0461	0.30	Q	V				
4+ 0	0.0482	0.31	Q	V				
4+ 5	0.0505	0.32	Q	V				
4+10	0.0529	0.35	Q	V				
4+15	0.0555	0.38	Q	V				
4+20	0.0583	0.41	Q	V				
4+25	0.0613	0.43	Q	V				
4+30	0.0643	0.44	Q	V				
4+35	0.0675	0.46	Q	V				
4+40	0.0708	0.49	Q	V				
4+45	0.0744	0.51	Q	V				
4+50	0.0780	0.52	Q	V				
4+55	0.0817	0.54	Q	V				
5+ 0	0.0856	0.57	Q	V				
5+ 5	0.0902	0.67	Q	V				
5+10	0.0957	0.80	Q	V				
5+15	0.1019	0.90	Q	V				
5+20	0.1087	0.98	Q	V				
5+25	0.1162	1.10	Q	V				
5+30	0.1253	1.31	Q	V				
5+35	0.1300	0.69	Q	V				
5+40	0.1315	0.21	Q	V				
5+45	0.1322	0.10	Q	V				
5+50	0.1328	0.08	Q	V				
5+55	0.1331	0.05	Q	V				
6+ 0	0.1334	0.03	Q	V				
6+ 5	0.1334	0.01	Q	V				

Unit Hydrograph Analysis

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Study date 01/19/23 File: D124100.out

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Riverside County Synthetic Unit Hydrology Method
RCFC & WCD Manual date - April 1978

Program License Serial Number 6545

English (in-lb) Input Units Used
English Rainfall Data (Inches) Input Values Used

English Units used in output format

MENIFEE STAXUP STORAGE EXPANSION
PRELIMINARY DRAINAGE STUDY
PROPOSED AREA D1
100-YEAR; 24-HOUR

Drainage Area = 0.89(Ac.) = 0.001 Sq. Mi.
Drainage Area for Depth-Area Areal Adjustment = 0.89(Ac.) = 0.001 Sq. Mi.
Length along longest watercourse = 409.00(Ft.)
Length along longest watercourse measured to centroid = 204.00(Ft.)
Length along longest watercourse = 0.077 Mi.
Length along longest watercourse measured to centroid = 0.039 Mi.
Difference in elevation = 5.30(Ft.)
Slope along watercourse = 68.4205 Ft./Mi.
Average Manning's 'N' = 0.015
Lag time = 0.018 Hr.
Lag time = 1.06 Min.
25% of lag time = 0.27 Min.
40% of lag time = 0.43 Min.
Unit time = 5.00 Min.
Duration of storm = 24 Hour(s)
User Entered Base Flow = 0.00(CFS)

2 YEAR Area rainfall data:

Area(Ac.)[1]	Rainfall(In)[2]	weighting[1*2]
0.89	1.80	1.60

100 YEAR Area rainfall data:

Area(Ac.)[1]	Rainfall(In)[2]	weighting[1*2]
0.89	4.90	4.36

STORM EVENT (YEAR) = 100.00
Area Averaged 2-Year Rainfall = 1.800(In)
Area Averaged 100-Year Rainfall = 4.900(In)

Point rain (area averaged) = 4.900(In)
Areal adjustment factor = 100.00 %
Adjusted average point rain = 4.900(In)

Sub-Area Data:

Area(Ac.)	Runoff Index	Impervious %
0.890	57.80	0.576
Total Area Entered = 0.89(Ac.)		

RI	RI	Infil. Rate	Impervious	Adj. Infil. Rate	Area%	F
AMC2	AMC-3	(In/Hr)	(Dec.%)	(In/Hr)	(Dec.)	(In/Hr)
57.8	76.2	0.288	0.576	0.139	1.000	0.139
						Sum (F) = 0.139

Area averaged mean soil loss (F) (In/Hr) = 0.139

Minimum soil loss rate ((In/Hr)) = 0.069

(for 24 hour storm duration)

Soil loss rate (decimal) = 0.439

U n i t H y d r o g r a p h
VALLEY S-Curve

Unit Hydrograph Data

Unit time period (hrs)	Time % of lag	Distribution Graph %	Unit Hydrograph (CFS)
1	0.083	470.207	69.375
2	0.167	940.414	30.625
		Sum = 100.000	Sum= 0.897

The following loss rate calculations reflect use of the minimum calculated loss rate subtracted from the Storm Rain to produce the maximum Effective Rain value

Unit Time (Hr.)	Pattern Percent	Storm Rain (In/Hr)	Loss rate(In./Hr)		Effective (In/Hr)
			Max	Low	
1	0.08	0.039	(0.246)	0.017	0.022
2	0.17	0.039	(0.245)	0.017	0.022
3	0.25	0.039	(0.244)	0.017	0.022
4	0.33	0.059	(0.243)	0.026	0.033
5	0.42	0.059	(0.242)	0.026	0.033
6	0.50	0.059	(0.241)	0.026	0.033
7	0.58	0.059	(0.241)	0.026	0.033
8	0.67	0.059	(0.240)	0.026	0.033
9	0.75	0.059	(0.239)	0.026	0.033
10	0.83	0.078	(0.238)	0.034	0.044
11	0.92	0.078	(0.237)	0.034	0.044
12	1.00	0.078	(0.236)	0.034	0.044
13	1.08	0.059	(0.235)	0.026	0.033
14	1.17	0.059	(0.234)	0.026	0.033
15	1.25	0.059	(0.233)	0.026	0.033
16	1.33	0.059	(0.232)	0.026	0.033
17	1.42	0.059	(0.231)	0.026	0.033
18	1.50	0.059	(0.230)	0.026	0.033
19	1.58	0.059	(0.229)	0.026	0.033
20	1.67	0.059	(0.228)	0.026	0.033
21	1.75	0.059	(0.228)	0.026	0.033
22	1.83	0.078	(0.227)	0.034	0.044
23	1.92	0.078	(0.226)	0.034	0.044
24	2.00	0.078	(0.225)	0.034	0.044
25	2.08	0.078	(0.224)	0.034	0.044
26	2.17	0.078	(0.223)	0.034	0.044
27	2.25	0.078	(0.222)	0.034	0.044
28	2.33	0.078	(0.221)	0.034	0.044
29	2.42	0.078	(0.220)	0.034	0.044
30	2.50	0.078	(0.219)	0.034	0.044
31	2.58	0.098	(0.218)	0.043	0.055
32	2.67	0.098	(0.218)	0.043	0.055
33	2.75	0.098	(0.217)	0.043	0.055
34	2.83	0.098	(0.216)	0.043	0.055
35	2.92	0.098	(0.215)	0.043	0.055
36	3.00	0.098	(0.214)	0.043	0.055
37	3.08	0.098	(0.213)	0.043	0.055
38	3.17	0.098	(0.212)	0.043	0.055
39	3.25	0.098	(0.211)	0.043	0.055
40	3.33	0.098	(0.210)	0.043	0.055

41	3.42	0.17	0.098	(0.210)	0.043	0.055
42	3.50	0.17	0.098	(0.209)	0.043	0.055
43	3.58	0.17	0.098	(0.208)	0.043	0.055
44	3.67	0.17	0.098	(0.207)	0.043	0.055
45	3.75	0.17	0.098	(0.206)	0.043	0.055
46	3.83	0.20	0.118	(0.205)	0.052	0.066
47	3.92	0.20	0.118	(0.204)	0.052	0.066
48	4.00	0.20	0.118	(0.203)	0.052	0.066
49	4.08	0.20	0.118	(0.203)	0.052	0.066
50	4.17	0.20	0.118	(0.202)	0.052	0.066
51	4.25	0.20	0.118	(0.201)	0.052	0.066
52	4.33	0.23	0.137	(0.200)	0.060	0.077
53	4.42	0.23	0.137	(0.199)	0.060	0.077
54	4.50	0.23	0.137	(0.198)	0.060	0.077
55	4.58	0.23	0.137	(0.197)	0.060	0.077
56	4.67	0.23	0.137	(0.197)	0.060	0.077
57	4.75	0.23	0.137	(0.196)	0.060	0.077
58	4.83	0.27	0.157	(0.195)	0.069	0.088
59	4.92	0.27	0.157	(0.194)	0.069	0.088
60	5.00	0.27	0.157	(0.193)	0.069	0.088
61	5.08	0.20	0.118	(0.192)	0.052	0.066
62	5.17	0.20	0.118	(0.192)	0.052	0.066
63	5.25	0.20	0.118	(0.191)	0.052	0.066
64	5.33	0.23	0.137	(0.190)	0.060	0.077
65	5.42	0.23	0.137	(0.189)	0.060	0.077
66	5.50	0.23	0.137	(0.188)	0.060	0.077
67	5.58	0.27	0.157	(0.187)	0.069	0.088
68	5.67	0.27	0.157	(0.187)	0.069	0.088
69	5.75	0.27	0.157	(0.186)	0.069	0.088
70	5.83	0.27	0.157	(0.185)	0.069	0.088
71	5.92	0.27	0.157	(0.184)	0.069	0.088
72	6.00	0.27	0.157	(0.183)	0.069	0.088
73	6.08	0.30	0.176	(0.183)	0.077	0.099
74	6.17	0.30	0.176	(0.182)	0.077	0.099
75	6.25	0.30	0.176	(0.181)	0.077	0.099
76	6.33	0.30	0.176	(0.180)	0.077	0.099
77	6.42	0.30	0.176	(0.179)	0.077	0.099
78	6.50	0.30	0.176	(0.178)	0.077	0.099
79	6.58	0.33	0.196	(0.178)	0.086	0.110
80	6.67	0.33	0.196	(0.177)	0.086	0.110
81	6.75	0.33	0.196	(0.176)	0.086	0.110
82	6.83	0.33	0.196	(0.175)	0.086	0.110
83	6.92	0.33	0.196	(0.174)	0.086	0.110
84	7.00	0.33	0.196	(0.174)	0.086	0.110
85	7.08	0.33	0.196	(0.173)	0.086	0.110
86	7.17	0.33	0.196	(0.172)	0.086	0.110
87	7.25	0.33	0.196	(0.171)	0.086	0.110
88	7.33	0.37	0.216	(0.171)	0.095	0.121
89	7.42	0.37	0.216	(0.170)	0.095	0.121
90	7.50	0.37	0.216	(0.169)	0.095	0.121
91	7.58	0.40	0.235	(0.168)	0.103	0.132
92	7.67	0.40	0.235	(0.167)	0.103	0.132
93	7.75	0.40	0.235	(0.167)	0.103	0.132
94	7.83	0.43	0.255	(0.166)	0.112	0.143
95	7.92	0.43	0.255	(0.165)	0.112	0.143
96	8.00	0.43	0.255	(0.164)	0.112	0.143
97	8.08	0.50	0.294	(0.164)	0.129	0.165
98	8.17	0.50	0.294	(0.163)	0.129	0.165
99	8.25	0.50	0.294	(0.162)	0.129	0.165
100	8.33	0.50	0.294	(0.161)	0.129	0.165
101	8.42	0.50	0.294	(0.161)	0.129	0.165
102	8.50	0.50	0.294	(0.160)	0.129	0.165
103	8.58	0.53	0.314	(0.159)	0.138	0.176
104	8.67	0.53	0.314	(0.158)	0.138	0.176
105	8.75	0.53	0.314	(0.158)	0.138	0.176
106	8.83	0.57	0.333	(0.157)	0.146	0.187
107	8.92	0.57	0.333	(0.156)	0.146	0.187
108	9.00	0.57	0.333	(0.155)	0.146	0.187
109	9.08	0.63	0.372	0.155 (0.164)		0.218
110	9.17	0.63	0.372	0.154 (0.164)		0.219
111	9.25	0.63	0.372	0.153 (0.164)		0.219

112	9.33	0.67	0.392	0.152	(0.172)	0.240
113	9.42	0.67	0.392	0.152	(0.172)	0.240
114	9.50	0.67	0.392	0.151	(0.172)	0.241
115	9.58	0.70	0.412	0.150	(0.181)	0.261
116	9.67	0.70	0.412	0.150	(0.181)	0.262
117	9.75	0.70	0.412	0.149	(0.181)	0.263
118	9.83	0.73	0.431	0.148	(0.189)	0.283
119	9.92	0.73	0.431	0.147	(0.189)	0.284
120	10.00	0.73	0.431	0.147	(0.189)	0.285
121	10.08	0.50	0.294	(0.146)	0.129	0.165
122	10.17	0.50	0.294	(0.145)	0.129	0.165
123	10.25	0.50	0.294	(0.145)	0.129	0.165
124	10.33	0.50	0.294	(0.144)	0.129	0.165
125	10.42	0.50	0.294	(0.143)	0.129	0.165
126	10.50	0.50	0.294	(0.142)	0.129	0.165
127	10.58	0.67	0.392	0.142	(0.172)	0.250
128	10.67	0.67	0.392	0.141	(0.172)	0.251
129	10.75	0.67	0.392	0.140	(0.172)	0.252
130	10.83	0.67	0.392	0.140	(0.172)	0.252
131	10.92	0.67	0.392	0.139	(0.172)	0.253
132	11.00	0.67	0.392	0.138	(0.172)	0.254
133	11.08	0.63	0.372	0.138	(0.164)	0.235
134	11.17	0.63	0.372	0.137	(0.164)	0.235
135	11.25	0.63	0.372	0.136	(0.164)	0.236
136	11.33	0.63	0.372	0.136	(0.164)	0.237
137	11.42	0.63	0.372	0.135	(0.164)	0.237
138	11.50	0.63	0.372	0.134	(0.164)	0.238
139	11.58	0.57	0.333	0.134	(0.146)	0.200
140	11.67	0.57	0.333	0.133	(0.146)	0.200
141	11.75	0.57	0.333	0.132	(0.146)	0.201
142	11.83	0.60	0.353	0.132	(0.155)	0.221
143	11.92	0.60	0.353	0.131	(0.155)	0.222
144	12.00	0.60	0.353	0.130	(0.155)	0.223
145	12.08	0.83	0.490	0.130	(0.215)	0.360
146	12.17	0.83	0.490	0.129	(0.215)	0.361
147	12.25	0.83	0.490	0.128	(0.215)	0.362
148	12.33	0.87	0.510	0.128	(0.224)	0.382
149	12.42	0.87	0.510	0.127	(0.224)	0.383
150	12.50	0.87	0.510	0.126	(0.224)	0.383
151	12.58	0.93	0.549	0.126	(0.241)	0.423
152	12.67	0.93	0.549	0.125	(0.241)	0.424
153	12.75	0.93	0.549	0.125	(0.241)	0.424
154	12.83	0.97	0.568	0.124	(0.250)	0.445
155	12.92	0.97	0.568	0.123	(0.250)	0.445
156	13.00	0.97	0.568	0.123	(0.250)	0.446
157	13.08	1.13	0.666	0.122	(0.293)	0.544
158	13.17	1.13	0.666	0.121	(0.293)	0.545
159	13.25	1.13	0.666	0.121	(0.293)	0.546
160	13.33	1.13	0.666	0.120	(0.293)	0.546
161	13.42	1.13	0.666	0.120	(0.293)	0.547
162	13.50	1.13	0.666	0.119	(0.293)	0.547
163	13.58	0.77	0.451	0.118	(0.198)	0.332
164	13.67	0.77	0.451	0.118	(0.198)	0.333
165	13.75	0.77	0.451	0.117	(0.198)	0.334
166	13.83	0.77	0.451	0.117	(0.198)	0.334
167	13.92	0.77	0.451	0.116	(0.198)	0.335
168	14.00	0.77	0.451	0.115	(0.198)	0.335
169	14.08	0.90	0.529	0.115	(0.232)	0.414
170	14.17	0.90	0.529	0.114	(0.232)	0.415
171	14.25	0.90	0.529	0.114	(0.232)	0.416
172	14.33	0.87	0.510	0.113	(0.224)	0.397
173	14.42	0.87	0.510	0.112	(0.224)	0.397
174	14.50	0.87	0.510	0.112	(0.224)	0.398
175	14.58	0.87	0.510	0.111	(0.224)	0.398
176	14.67	0.87	0.510	0.111	(0.224)	0.399
177	14.75	0.87	0.510	0.110	(0.224)	0.399
178	14.83	0.83	0.490	0.110	(0.215)	0.380
179	14.92	0.83	0.490	0.109	(0.215)	0.381
180	15.00	0.83	0.490	0.108	(0.215)	0.382
181	15.08	0.80	0.470	0.108	(0.207)	0.362
182	15.17	0.80	0.470	0.107	(0.207)	0.363

183	15.25	0.80	0.470	0.107	(0.207)	0.364
184	15.33	0.77	0.451	0.106	(0.198)	0.345
185	15.42	0.77	0.451	0.106	(0.198)	0.345
186	15.50	0.77	0.451	0.105	(0.198)	0.346
187	15.58	0.63	0.372	0.105	(0.164)	0.268
188	15.67	0.63	0.372	0.104	(0.164)	0.268
189	15.75	0.63	0.372	0.104	(0.164)	0.269
190	15.83	0.63	0.372	0.103	(0.164)	0.269
191	15.92	0.63	0.372	0.103	(0.164)	0.270
192	16.00	0.63	0.372	0.102	(0.164)	0.270
193	16.08	0.13	0.078	(0.101)	0.034	0.044
194	16.17	0.13	0.078	(0.101)	0.034	0.044
195	16.25	0.13	0.078	(0.100)	0.034	0.044
196	16.33	0.13	0.078	(0.100)	0.034	0.044
197	16.42	0.13	0.078	(0.099)	0.034	0.044
198	16.50	0.13	0.078	(0.099)	0.034	0.044
199	16.58	0.10	0.059	(0.098)	0.026	0.033
200	16.67	0.10	0.059	(0.098)	0.026	0.033
201	16.75	0.10	0.059	(0.097)	0.026	0.033
202	16.83	0.10	0.059	(0.097)	0.026	0.033
203	16.92	0.10	0.059	(0.096)	0.026	0.033
204	17.00	0.10	0.059	(0.096)	0.026	0.033
205	17.08	0.17	0.098	(0.095)	0.043	0.055
206	17.17	0.17	0.098	(0.095)	0.043	0.055
207	17.25	0.17	0.098	(0.094)	0.043	0.055
208	17.33	0.17	0.098	(0.094)	0.043	0.055
209	17.42	0.17	0.098	(0.094)	0.043	0.055
210	17.50	0.17	0.098	(0.093)	0.043	0.055
211	17.58	0.17	0.098	(0.093)	0.043	0.055
212	17.67	0.17	0.098	(0.092)	0.043	0.055
213	17.75	0.17	0.098	(0.092)	0.043	0.055
214	17.83	0.13	0.078	(0.091)	0.034	0.044
215	17.92	0.13	0.078	(0.091)	0.034	0.044
216	18.00	0.13	0.078	(0.090)	0.034	0.044
217	18.08	0.13	0.078	(0.090)	0.034	0.044
218	18.17	0.13	0.078	(0.089)	0.034	0.044
219	18.25	0.13	0.078	(0.089)	0.034	0.044
220	18.33	0.13	0.078	(0.089)	0.034	0.044
221	18.42	0.13	0.078	(0.088)	0.034	0.044
222	18.50	0.13	0.078	(0.088)	0.034	0.044
223	18.58	0.10	0.059	(0.087)	0.026	0.033
224	18.67	0.10	0.059	(0.087)	0.026	0.033
225	18.75	0.10	0.059	(0.086)	0.026	0.033
226	18.83	0.07	0.039	(0.086)	0.017	0.022
227	18.92	0.07	0.039	(0.086)	0.017	0.022
228	19.00	0.07	0.039	(0.085)	0.017	0.022
229	19.08	0.10	0.059	(0.085)	0.026	0.033
230	19.17	0.10	0.059	(0.084)	0.026	0.033
231	19.25	0.10	0.059	(0.084)	0.026	0.033
232	19.33	0.13	0.078	(0.084)	0.034	0.044
233	19.42	0.13	0.078	(0.083)	0.034	0.044
234	19.50	0.13	0.078	(0.083)	0.034	0.044
235	19.58	0.10	0.059	(0.082)	0.026	0.033
236	19.67	0.10	0.059	(0.082)	0.026	0.033
237	19.75	0.10	0.059	(0.082)	0.026	0.033
238	19.83	0.07	0.039	(0.081)	0.017	0.022
239	19.92	0.07	0.039	(0.081)	0.017	0.022
240	20.00	0.07	0.039	(0.081)	0.017	0.022
241	20.08	0.10	0.059	(0.080)	0.026	0.033
242	20.17	0.10	0.059	(0.080)	0.026	0.033
243	20.25	0.10	0.059	(0.080)	0.026	0.033
244	20.33	0.10	0.059	(0.079)	0.026	0.033
245	20.42	0.10	0.059	(0.079)	0.026	0.033
246	20.50	0.10	0.059	(0.079)	0.026	0.033
247	20.58	0.10	0.059	(0.078)	0.026	0.033
248	20.67	0.10	0.059	(0.078)	0.026	0.033
249	20.75	0.10	0.059	(0.078)	0.026	0.033
250	20.83	0.07	0.039	(0.077)	0.017	0.022
251	20.92	0.07	0.039	(0.077)	0.017	0.022
252	21.00	0.07	0.039	(0.077)	0.017	0.022
253	21.08	0.10	0.059	(0.076)	0.026	0.033

254	21.17	0.10	0.059	(0.076)	0.026	0.033
255	21.25	0.10	0.059	(0.076)	0.026	0.033
256	21.33	0.07	0.039	(0.075)	0.017	0.022
257	21.42	0.07	0.039	(0.075)	0.017	0.022
258	21.50	0.07	0.039	(0.075)	0.017	0.022
259	21.58	0.10	0.059	(0.075)	0.026	0.033
260	21.67	0.10	0.059	(0.074)	0.026	0.033
261	21.75	0.10	0.059	(0.074)	0.026	0.033
262	21.83	0.07	0.039	(0.074)	0.017	0.022
263	21.92	0.07	0.039	(0.074)	0.017	0.022
264	22.00	0.07	0.039	(0.073)	0.017	0.022
265	22.08	0.10	0.059	(0.073)	0.026	0.033
266	22.17	0.10	0.059	(0.073)	0.026	0.033
267	22.25	0.10	0.059	(0.073)	0.026	0.033
268	22.33	0.07	0.039	(0.072)	0.017	0.022
269	22.42	0.07	0.039	(0.072)	0.017	0.022
270	22.50	0.07	0.039	(0.072)	0.017	0.022
271	22.58	0.07	0.039	(0.072)	0.017	0.022
272	22.67	0.07	0.039	(0.072)	0.017	0.022
273	22.75	0.07	0.039	(0.071)	0.017	0.022
274	22.83	0.07	0.039	(0.071)	0.017	0.022
275	22.92	0.07	0.039	(0.071)	0.017	0.022
276	23.00	0.07	0.039	(0.071)	0.017	0.022
277	23.08	0.07	0.039	(0.071)	0.017	0.022
278	23.17	0.07	0.039	(0.070)	0.017	0.022
279	23.25	0.07	0.039	(0.070)	0.017	0.022
280	23.33	0.07	0.039	(0.070)	0.017	0.022
281	23.42	0.07	0.039	(0.070)	0.017	0.022
282	23.50	0.07	0.039	(0.070)	0.017	0.022
283	23.58	0.07	0.039	(0.070)	0.017	0.022
284	23.67	0.07	0.039	(0.070)	0.017	0.022
285	23.75	0.07	0.039	(0.070)	0.017	0.022
286	23.83	0.07	0.039	(0.070)	0.017	0.022
287	23.92	0.07	0.039	(0.069)	0.017	0.022
288	24.00	0.07	0.039	(0.069)	0.017	0.022

(Loss Rate Not Used)

Sum = 100.0 Sum = 38.8

Flood volume = Effective rainfall 3.24(In)
times area 0.9(Ac.)/[(In)/(Ft.)] = 0.2(Ac.Ft)
Total soil loss = 1.66(In)
Total soil loss = 0.123(Ac.Ft)
Total rainfall = 4.90(In)
Flood volume = 10455.3 Cubic Feet
Total soil loss = 5375.1 Cubic Feet

Peak flow rate of this hydrograph = 0.491(CFS)

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24 - H O U R S T O R M
R u n o f f H y d r o g r a p h

Hydrograph in 5 Minute intervals ((CFS))

Time(h+m)	Volume Ac.Ft	Q(CFS)	0	2.5	5.0	7.5	10.0
0+ 5	0.0001	0.01	Q				
0+10	0.0002	0.02	Q				
0+15	0.0004	0.02	Q				
0+20	0.0005	0.03	Q				
0+25	0.0008	0.03	Q				
0+30	0.0010	0.03	Q				
0+35	0.0012	0.03	Q				
0+40	0.0014	0.03	Q				
0+45	0.0016	0.03	Q				
0+50	0.0018	0.04	Q				
0+55	0.0021	0.04	Q				
1+ 0	0.0024	0.04	Q				
1+ 5	0.0026	0.03	Q				
1+10	0.0028	0.03	Q				
1+15	0.0030	0.03	Q				

1+20	0.0032	0.03	Q				
1+25	0.0034	0.03	Q				
1+30	0.0036	0.03	Q				
1+35	0.0038	0.03	Q				
1+40	0.0040	0.03	Q				
1+45	0.0042	0.03	Q				
1+50	0.0045	0.04	Q				
1+55	0.0047	0.04	Q				
2+ 0	0.0050	0.04	Q				
2+ 5	0.0053	0.04	Q				
2+10	0.0056	0.04	Q				
2+15	0.0058	0.04	Q				
2+20	0.0061	0.04	QV				
2+25	0.0064	0.04	QV				
2+30	0.0066	0.04	QV				
2+35	0.0070	0.05	QV				
2+40	0.0073	0.05	QV				
2+45	0.0076	0.05	QV				
2+50	0.0080	0.05	QV				
2+55	0.0083	0.05	QV				
3+ 0	0.0087	0.05	QV				
3+ 5	0.0090	0.05	QV				
3+10	0.0093	0.05	QV				
3+15	0.0097	0.05	QV				
3+20	0.0100	0.05	QV				
3+25	0.0104	0.05	QV				
3+30	0.0107	0.05	QV				
3+35	0.0110	0.05	QV				
3+40	0.0114	0.05	QV				
3+45	0.0117	0.05	QV				
3+50	0.0121	0.06	Q V				
3+55	0.0125	0.06	Q V				
4+ 0	0.0129	0.06	Q V				
4+ 5	0.0133	0.06	Q V				
4+10	0.0137	0.06	Q V				
4+15	0.0141	0.06	Q V				
4+20	0.0146	0.07	Q V				
4+25	0.0151	0.07	Q V				
4+30	0.0155	0.07	Q V				
4+35	0.0160	0.07	Q V				
4+40	0.0165	0.07	Q V				
4+45	0.0170	0.07	Q V				
4+50	0.0175	0.08	Q V				
4+55	0.0180	0.08	Q V				
5+ 0	0.0186	0.08	Q V				
5+ 5	0.0190	0.07	Q V				
5+10	0.0194	0.06	Q V				
5+15	0.0198	0.06	Q V				
5+20	0.0203	0.07	Q V				
5+25	0.0208	0.07	Q V				
5+30	0.0213	0.07	Q V				
5+35	0.0218	0.08	Q V				
5+40	0.0223	0.08	Q V				
5+45	0.0229	0.08	Q V				
5+50	0.0234	0.08	Q V				
5+55	0.0240	0.08	Q V				
6+ 0	0.0245	0.08	Q V				
6+ 5	0.0251	0.09	Q V				
6+10	0.0257	0.09	Q V				
6+15	0.0263	0.09	Q V				
6+20	0.0269	0.09	Q V				
6+25	0.0275	0.09	Q V				
6+30	0.0281	0.09	Q V				
6+35	0.0288	0.10	Q V				
6+40	0.0295	0.10	Q V				
6+45	0.0302	0.10	Q V				
6+50	0.0308	0.10	Q V				
6+55	0.0315	0.10	Q V				
7+ 0	0.0322	0.10	Q V				
7+ 5	0.0329	0.10	Q V				
7+10	0.0336	0.10	Q V				

7+15	0.0342	0.10	Q	V					
7+20	0.0350	0.11	Q	V					
7+25	0.0357	0.11	Q	V					
7+30	0.0365	0.11	Q	V					
7+35	0.0373	0.12	Q	V					
7+40	0.0381	0.12	Q	V					
7+45	0.0389	0.12	Q	V					
7+50	0.0397	0.13	Q	V					
7+55	0.0406	0.13	Q	V					
8+ 0	0.0415	0.13	Q	V					
8+ 5	0.0425	0.14	Q	V					
8+10	0.0435	0.15	Q	V					
8+15	0.0445	0.15	Q	V					
8+20	0.0455	0.15	Q	V					
8+25	0.0466	0.15	Q	V					
8+30	0.0476	0.15	Q	V					
8+35	0.0486	0.15	Q	V					
8+40	0.0497	0.16	Q	V					
8+45	0.0508	0.16	Q	V					
8+50	0.0520	0.16	Q	V					
8+55	0.0531	0.17	Q	V					
9+ 0	0.0543	0.17	Q	V					
9+ 5	0.0556	0.19	Q	V					
9+10	0.0569	0.20	Q	V					
9+15	0.0583	0.20	Q	V					
9+20	0.0597	0.21	Q	V					
9+25	0.0612	0.22	Q	V					
9+30	0.0627	0.22	Q	V					
9+35	0.0642	0.23	Q	V					
9+40	0.0659	0.24	Q	V					
9+45	0.0675	0.24	Q	V					
9+50	0.0692	0.25	Q	V					
9+55	0.0710	0.25	Q	V					
10+ 0	0.0727	0.26	Q	V					
10+ 5	0.0740	0.18	Q	V					
10+10	0.0750	0.15	Q	V					
10+15	0.0760	0.15	Q	V					
10+20	0.0770	0.15	Q	V					
10+25	0.0780	0.15	Q	V					
10+30	0.0791	0.15	Q	V					
10+35	0.0804	0.20	Q	V					
10+40	0.0820	0.23	Q	V					
10+45	0.0835	0.23	Q	V					
10+50	0.0851	0.23	Q	V					
10+55	0.0867	0.23	Q	V					
11+ 0	0.0882	0.23	Q	V					
11+ 5	0.0897	0.22	Q	V					
11+10	0.0912	0.21	Q	V					
11+15	0.0926	0.21	Q	V					
11+20	0.0941	0.21	Q	V					
11+25	0.0956	0.21	Q	V					
11+30	0.0970	0.21	Q	V					
11+35	0.0983	0.19	Q	V					
11+40	0.0996	0.18	Q	V					
11+45	0.1008	0.18	Q	V					
11+50	0.1021	0.19	Q	V					
11+55	0.1035	0.20	Q	V					
12+ 0	0.1049	0.20	Q	V					
12+ 5	0.1068	0.29	Q	V					
12+10	0.1091	0.32	Q	V					
12+15	0.1113	0.32	Q	V					
12+20	0.1136	0.34	Q	V					
12+25	0.1160	0.34	Q	V					
12+30	0.1184	0.34	Q	V					
12+35	0.1209	0.37	Q	V					
12+40	0.1235	0.38	Q	V					
12+45	0.1261	0.38	Q	V					
12+50	0.1289	0.39	Q	V					
12+55	0.1316	0.40	Q	V					
13+ 0	0.1344	0.40	Q	V					
13+ 5	0.1375	0.46	Q	V					

13+10	0.1409	0.49	Q			V		
13+15	0.1443	0.49	Q			V		
13+20	0.1476	0.49	Q			V		
13+25	0.1510	0.49	Q			V		
13+30	0.1544	0.49	Q			V		
13+35	0.1569	0.36	Q			V		
13+40	0.1589	0.30	Q			V		
13+45	0.1610	0.30	Q			V		
13+50	0.1631	0.30	Q			V		
13+55	0.1651	0.30	Q			V		
14+ 0	0.1672	0.30	Q			V		
14+ 5	0.1696	0.35	Q			V		
14+10	0.1722	0.37	Q			V		
14+15	0.1747	0.37	Q			V		
14+20	0.1772	0.36	Q			V		
14+25	0.1797	0.36	Q			V		
14+30	0.1821	0.36	Q			V		
14+35	0.1846	0.36	Q			V		
14+40	0.1871	0.36	Q			V		
14+45	0.1895	0.36	Q			V		
14+50	0.1919	0.35	Q			V		
14+55	0.1943	0.34	Q			V		
15+ 0	0.1966	0.34	Q			V		
15+ 5	0.1989	0.33	Q			V		
15+10	0.2011	0.33	Q			V		
15+15	0.2034	0.33	Q			V		
15+20	0.2056	0.31	Q			V		
15+25	0.2077	0.31	Q			V		
15+30	0.2098	0.31	Q			V		
15+35	0.2116	0.26	Q			V		
15+40	0.2133	0.24	Q			V		
15+45	0.2149	0.24	Q			V		
15+50	0.2166	0.24	Q			V		
15+55	0.2183	0.24	Q			V		
16+ 0	0.2199	0.24	Q			V		
16+ 5	0.2206	0.10	Q			V		
16+10	0.2209	0.04	Q			V		
16+15	0.2212	0.04	Q			V		
16+20	0.2215	0.04	Q			V		
16+25	0.2217	0.04	Q			V		
16+30	0.2220	0.04	Q			V		
16+35	0.2222	0.03	Q			V		
16+40	0.2224	0.03	Q			V		
16+45	0.2226	0.03	Q			V		
16+50	0.2228	0.03	Q			V		
16+55	0.2230	0.03	Q			V		
17+ 0	0.2232	0.03	Q			V		
17+ 5	0.2235	0.04	Q			V		
17+10	0.2239	0.05	Q			V		
17+15	0.2242	0.05	Q			V		
17+20	0.2246	0.05	Q			V		
17+25	0.2249	0.05	Q			V		
17+30	0.2252	0.05	Q			V		
17+35	0.2256	0.05	Q			V		
17+40	0.2259	0.05	Q			V		
17+45	0.2263	0.05	Q			V		
17+50	0.2266	0.04	Q			V		
17+55	0.2268	0.04	Q			V		
18+ 0	0.2271	0.04	Q			V		
18+ 5	0.2274	0.04	Q			V		
18+10	0.2276	0.04	Q			V		
18+15	0.2279	0.04	Q			V		
18+20	0.2282	0.04	Q			V		
18+25	0.2285	0.04	Q			V		
18+30	0.2287	0.04	Q			V		
18+35	0.2290	0.03	Q			V		
18+40	0.2292	0.03	Q			V		
18+45	0.2294	0.03	Q			V		
18+50	0.2295	0.02	Q			V		
18+55	0.2297	0.02	Q			V		
19+ 0	0.2298	0.02	Q			V		

19+ 5	0.2300	0.03	Q				V
19+10	0.2302	0.03	Q				V
19+15	0.2304	0.03	Q				V
19+20	0.2306	0.04	Q				V
19+25	0.2309	0.04	Q				V
19+30	0.2312	0.04	Q				V
19+35	0.2314	0.03	Q				V
19+40	0.2316	0.03	Q				V
19+45	0.2318	0.03	Q				V
19+50	0.2320	0.02	Q				V
19+55	0.2321	0.02	Q				V
20+ 0	0.2322	0.02	Q				V
20+ 5	0.2324	0.03	Q				V
20+10	0.2326	0.03	Q				V
20+15	0.2328	0.03	Q				V
20+20	0.2330	0.03	Q				V
20+25	0.2332	0.03	Q				V
20+30	0.2334	0.03	Q				V
20+35	0.2336	0.03	Q				V
20+40	0.2338	0.03	Q				V
20+45	0.2340	0.03	Q				V
20+50	0.2342	0.02	Q				V
20+55	0.2343	0.02	Q				V
21+ 0	0.2345	0.02	Q				V
21+ 5	0.2347	0.03	Q				V
21+10	0.2349	0.03	Q				V
21+15	0.2351	0.03	Q				V
21+20	0.2352	0.02	Q				V
21+25	0.2354	0.02	Q				V
21+30	0.2355	0.02	Q				V
21+35	0.2357	0.03	Q				V
21+40	0.2359	0.03	Q				V
21+45	0.2361	0.03	Q				V
21+50	0.2362	0.02	Q				V
21+55	0.2364	0.02	Q				V
22+ 0	0.2365	0.02	Q				V
22+ 5	0.2367	0.03	Q				V
22+10	0.2369	0.03	Q				V
22+15	0.2371	0.03	Q				V
22+20	0.2373	0.02	Q				V
22+25	0.2374	0.02	Q				V
22+30	0.2375	0.02	Q				V
22+35	0.2377	0.02	Q				V
22+40	0.2378	0.02	Q				V
22+45	0.2379	0.02	Q				V
22+50	0.2381	0.02	Q				V
22+55	0.2382	0.02	Q				V
23+ 0	0.2383	0.02	Q				V
23+ 5	0.2385	0.02	Q				V
23+10	0.2386	0.02	Q				V
23+15	0.2388	0.02	Q				V
23+20	0.2389	0.02	Q				V
23+25	0.2390	0.02	Q				V
23+30	0.2392	0.02	Q				V
23+35	0.2393	0.02	Q				V
23+40	0.2394	0.02	Q				V
23+45	0.2396	0.02	Q				V
23+50	0.2397	0.02	Q				V
23+55	0.2398	0.02	Q				V
24+ 0	0.2400	0.02	Q				V
24+ 5	0.2400	0.01	Q				V

Unit Hydrograph Analysis

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Study date 10/31/22 File: D212.out

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Riverside County Synthetic Unit Hydrology Method
RCFC & WCD Manual date - April 1978

Program License Serial Number 6545

English (in-lb) Input Units Used
English Rainfall Data (Inches) Input Values Used

English Units used in output format

NENIFEE STAXUP STORAGE EXPANSION
PRELIMINARY DRAINAGE STUDY
PROPOSED AREA D2
2-YEAR; 1-HOUR

Drainage Area = 0.18(Ac.) = 0.000 Sq. Mi.
Drainage Area for Depth-Area Area Adjustment = 0.18(Ac.) = 0.000 Sq. Mi.
Length along longest watercourse = 496.00(Ft.)
Length along longest watercourse measured to centroid = 248.00(Ft.)
Length along longest watercourse = 0.094 Mi.
Length along longest watercourse measured to centroid = 0.047 Mi.
Difference in elevation = 5.50(Ft.)
Slope along watercourse = 58.5484 Ft./Mi.
Average Manning's 'N' = 0.015
Lag time = 0.021 Hr.
Lag time = 1.27 Min.
25% of lag time = 0.32 Min.
40% of lag time = 0.51 Min.
Unit time = 5.00 Min.
Duration of storm = 1 Hour(s)
User Entered Base Flow = 0.00(CFS)

2 YEAR Area rainfall data:

Area(Ac.)[1]	Rainfall(In)[2]	weighting[1*2]
0.18	0.50	0.09

100 YEAR Area rainfall data:

Area(Ac.)[1]	Rainfall(In)[2]	weighting[1*2]
0.18	1.25	0.22

STORM EVENT (YEAR) = 2.00
Area Averaged 2-Year Rainfall = 0.500(In)
Area Averaged 100-Year Rainfall = 1.250(In)

Point rain (area averaged) = 0.500(In)
Areal adjustment factor = 100.00 %
Adjusted average point rain = 0.500(In)

Sub-Area Data:

Area(Ac.)	Runoff Index	Impervious %
0.180	56.60	0.800
Total Area Entered =	0.18(Ac.)	

RI RI Infil. Rate Impervious Adj. Infil. Rate Area% F
AMC2 AMC-1 (In/Hr) (Dec.%) (In/Hr) (Dec.) (In/Hr)
56.6 36.6 0.701 0.800 0.196 1.000 0.196
Sum (F) = 0.196

Area averaged mean soil loss (F) (In/Hr) = 0.196
Minimum soil loss rate ((In/Hr)) = 0.098
(for 24 hour storm duration)
Soil loss rate (decimal) = 0.260

Slope of intensity-duration curve for a 1 hour storm = 0.5300

U n i t H y d r o g r a p h
VALLEY S-Curve

Unit Hydrograph Data

Unit time period (hrs)	Time % of lag	Distribution Graph %	Unit Hydrograph (CFS)	
1	0.083	393.887	64.658	0.117
2	0.167	787.773	32.454	0.059
3	0.250	1181.660	2.887	0.005
		Sum = 100.000	Sum=	0.181

The following loss rate calculations reflect use of the minimum calculated loss rate subtracted from the Storm Rain to produce the maximum Effective Rain value

Unit Time (Hr.)	Pattern Percent	Storm Rain (In/Hr)	Loss rate(In./Hr)		Effective (In/Hr)
			Max	Low	
1	0.08	3.40	(0.196)	0.053	0.151
2	0.17	4.70	(0.196)	0.073	0.209
3	0.25	4.70	(0.196)	0.073	0.209
4	0.33	5.10	(0.196)	0.080	0.226
5	0.42	5.80	(0.196)	0.090	0.258
6	0.50	5.90	(0.196)	0.092	0.262
7	0.58	7.10	(0.196)	0.111	0.315
8	0.67	8.70	(0.196)	0.136	0.386
9	0.75	13.20	0.196	(0.206)	0.596
10	0.83	29.70	0.196	(0.463)	1.586
11	0.92	7.70	(0.196)	0.120	0.342
12	1.00	4.00	(0.196)	0.062	0.178

Sum = 100.0 (Loss Rate Not Used) Sum = 4.7

Flood volume = Effective rainfall 0.39(In)
times area 0.2(Ac.)/[(In)/(Ft.)] = 0.0(Ac.Ft)
Total soil loss = 0.11(In)
Total soil loss = 0.002(Ac.Ft)
Total rainfall = 0.50(In)
Flood volume = 256.8 Cubic Feet
Total soil loss = 69.9 Cubic Feet

Peak flow rate of this hydrograph = 0.223(CFS)

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1 - H O U R S T O R M
R u n o f f H y d r o g r a p h

Hydrograph in 5 Minute intervals ((CFS))

Time(h+m)	Volume Ac.Ft	Q(CFS)	0	2.5	5.0	7.5	10.0
0+ 5	0.0001	0.02	Q				
0+10	0.0004	0.03	Q V				
0+15	0.0006	0.04	Q V				
0+20	0.0009	0.04	Q	V			

0+25	0.0012	0.04	Q	v				
0+30	0.0015	0.05	Q		v			
0+35	0.0019	0.05	Q			v		
0+40	0.0023	0.07	Q				v	
0+45	0.0030	0.09	Q					v
0+50	0.0045	0.22	Q					v
0+55	0.0055	0.14	Q					v
1+ 0	0.0058	0.05	Q					v
1+ 5	0.0059	0.01	Q					v
1+10	0.0059	0.00	Q					v

Unit Hydrograph Analysis

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Study date 10/31/22 File: D232.out

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Riverside County Synthetic Unit Hydrology Method
RCFC & WCD Manual date - April 1978

Program License Serial Number 6545

English (in-lb) Input Units Used
English Rainfall Data (Inches) Input Values Used

English Units used in output format

NENIFEE STAXUP STORAGE EXPANSION
PRELIMINARY DRAINAGE STUDY
PROPOSED AREA D2
2-YEAR; 3-HOUR

Drainage Area = 0.18(Ac.) = 0.000 Sq. Mi.
Drainage Area for Depth-Area Areal Adjustment = 0.18(Ac.) = 0.000 Sq. Mi.
Length along longest watercourse = 496.00(Ft.)
Length along longest watercourse measured to centroid = 248.00(Ft.)
Length along longest watercourse = 0.094 Mi.
Length along longest watercourse measured to centroid = 0.047 Mi.
Difference in elevation = 5.50(Ft.)
Slope along watercourse = 58.5484 Ft./Mi.
Average Manning's 'N' = 0.015
Lag time = 0.021 Hr.
Lag time = 1.27 Min.
25% of lag time = 0.32 Min.
40% of lag time = 0.51 Min.
Unit time = 5.00 Min.
Duration of storm = 3 Hour(s)
User Entered Base Flow = 0.00(CFS)

2 YEAR Area rainfall data:

Area(Ac.)[1]	Rainfall(In)[2]	weighting[1*2]
0.18	0.80	0.14

100 YEAR Area rainfall data:

Area(Ac.)[1]	Rainfall(In)[2]	weighting[1*2]
0.18	1.90	0.34

STORM EVENT (YEAR) = 2.00
Area Averaged 2-Year Rainfall = 0.800(In)
Area Averaged 100-Year Rainfall = 1.900(In)

Point rain (area averaged) = 0.800(In)
Areal adjustment factor = 100.00 %
Adjusted average point rain = 0.800(In)

Sub-Area Data:

Area(Ac.)	Runoff Index	Impervious %
0.180	56.60	0.800
Total Area Entered =	0.18(Ac.)	

RI	RI	Infil. Rate	Impervious	Adj. Infil. Rate	Area%	F
AMC2	AMC-1	(In/Hr)	(Dec.%)	(In/Hr)	(Dec.)	(In/Hr)
56.6	36.6	0.701	0.800	0.196	1.000	0.196
						Sum (F) = 0.196

Area averaged mean soil loss (F) (In/Hr) = 0.196

Minimum soil loss rate ((In/Hr)) = 0.098

(for 24 hour storm duration)

Soil low loss rate (decimal) = 0.260

U n i t H y d r o g r a p h
VALLEY S-Curve

Unit Hydrograph Data

Unit time period (hrs)	Time % of lag	Distribution Graph %	Unit Hydrograph (CFS)
1	0.083	393.887	64.658
2	0.167	787.773	32.454
3	0.250	1181.660	2.887
		Sum = 100.000	Sum = 0.181

The following loss rate calculations reflect use of the minimum calculated loss rate subtracted from the Storm Rain to produce the maximum Effective Rain value

Unit Time (Hr.)	Pattern Percent	Storm Rain (In/Hr)	Loss rate(In./Hr) Max Low	Effective (In/Hr)
1	0.08	1.30	(0.196)	0.092
2	0.17	1.30	(0.196)	0.092
3	0.25	1.10	(0.196)	0.078
4	0.33	1.50	(0.196)	0.107
5	0.42	1.50	(0.196)	0.107
6	0.50	1.80	(0.196)	0.128
7	0.58	1.50	(0.196)	0.107
8	0.67	1.80	(0.196)	0.128
9	0.75	1.80	(0.196)	0.128
10	0.83	1.50	(0.196)	0.107
11	0.92	1.60	(0.196)	0.114
12	1.00	1.80	(0.196)	0.128
13	1.08	2.20	(0.196)	0.156
14	1.17	2.20	(0.196)	0.156
15	1.25	2.20	(0.196)	0.156
16	1.33	2.00	(0.196)	0.142
17	1.42	2.60	(0.196)	0.185
18	1.50	2.70	(0.196)	0.192
19	1.58	2.40	(0.196)	0.170
20	1.67	2.70	(0.196)	0.192
21	1.75	3.30	(0.196)	0.234
22	1.83	3.10	(0.196)	0.220
23	1.92	2.90	(0.196)	0.206
24	2.00	3.00	(0.196)	0.213
25	2.08	3.10	(0.196)	0.220
26	2.17	4.20	(0.196)	0.298
27	2.25	5.00	(0.196)	0.355
28	2.33	3.50	(0.196)	0.249
29	2.42	6.80	(0.196)	0.483
30	2.50	7.30	(0.196)	0.519
31	2.58	8.20	(0.196) (0.205)	0.591
32	2.67	5.90	(0.196)	0.419
33	2.75	2.00	(0.196)	0.142
34	2.83	1.80	(0.196)	0.128
35	2.92	1.80	(0.196)	0.128
36	3.00	0.60	(0.196)	0.043
	(Loss Rate Not Used)			
Sum =	100.0		Sum =	7.1
Flood volume = Effective rainfall		0.59(In)		

times area 0.2(Ac.)/[In]/(Ft.) = 0.0(Ac.Ft)
 Total soil loss = 0.21(In)
 Total soil loss = 0.003(Ac.Ft)
 Total rainfall = 0.80(In)
 Flood volume = 387.3 Cubic Feet
 Total soil loss = 135.4 Cubic Feet

 Peak flow rate of this hydrograph = 0.102(CFS)

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3 - H O U R S T O R M
 R u n o f f H y d r o g r a p h

 Hydrograph in 5 Minute intervals ((CFS))

Time(h+m)	Volume Ac.Ft	Q(CFS)	0	2.5	5.0	7.5	10.0
0+ 5	0.0001	0.01	Q				
0+10	0.0002	0.02	Q				
0+15	0.0003	0.02	QV				
0+20	0.0004	0.02	QV				
0+25	0.0005	0.02	Q V				
0+30	0.0007	0.02	Q V				
0+35	0.0008	0.02	Q V				
0+40	0.0010	0.02	Q V				
0+45	0.0011	0.02	Q V				
0+50	0.0013	0.02	Q V				
0+55	0.0014	0.02	Q V				
1+ 0	0.0016	0.02	Q V				
1+ 5	0.0018	0.03	Q V				
1+10	0.0020	0.03	Q V				
1+15	0.0022	0.03	Q V				
1+20	0.0023	0.03	Q V				
1+25	0.0026	0.03	Q V				
1+30	0.0028	0.03	Q V				
1+35	0.0030	0.03	Q V				
1+40	0.0032	0.03	Q V				
1+45	0.0035	0.04	Q V				
1+50	0.0038	0.04	Q V				
1+55	0.0041	0.04	Q V				
2+ 0	0.0043	0.04	Q V				
2+ 5	0.0046	0.04	Q V				
2+10	0.0049	0.05	Q V				
2+15	0.0053	0.06	Q V				
2+20	0.0057	0.05	Q V				
2+25	0.0062	0.07	Q V				
2+30	0.0068	0.09	Q V				
2+35	0.0075	0.10	Q V				
2+40	0.0081	0.09	Q V				
2+45	0.0084	0.04	Q V				
2+50	0.0086	0.03	Q V				
2+55	0.0088	0.02	Q V				
3+ 0	0.0089	0.01	Q V				
3+ 5	0.0089	0.00	Q V				
3+10	0.0089	0.00	Q V				

Unit Hydrograph Analysis

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Study date 10/31/22 File: D262.out

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Riverside County Synthetic Unit Hydrology Method
RCFC & WCD Manual date - April 1978

Program License Serial Number 6545

English (in-lb) Input Units Used
English Rainfall Data (Inches) Input Values Used

English Units used in output format

NENIFEE STAXUP STORAGE EXPANSION
PRELIMINARY DRAINAGE STUDY
PROPOSED AREA D2
2-YEAR; 6-HOUR

Drainage Area = 0.18(Ac.) = 0.000 Sq. Mi.
Drainage Area for Depth-Area Areal Adjustment = 0.18(Ac.) = 0.000 Sq. Mi.
Length along longest watercourse = 496.00(Ft.)
Length along longest watercourse measured to centroid = 248.00(Ft.)
Length along longest watercourse = 0.094 Mi.
Length along longest watercourse measured to centroid = 0.047 Mi.
Difference in elevation = 5.50(Ft.)
Slope along watercourse = 58.5484 Ft./Mi.
Average Manning's 'N' = 0.015
Lag time = 0.021 Hr.
Lag time = 1.27 Min.
25% of lag time = 0.32 Min.
40% of lag time = 0.51 Min.
Unit time = 5.00 Min.
Duration of storm = 6 Hour(s)
User Entered Base Flow = 0.00(CFS)

2 YEAR Area rainfall data:

Area(Ac.)[1]	Rainfall(In)[2]	weighting[1*2]
0.18	1.10	0.20

100 YEAR Area rainfall data:

Area(Ac.)[1]	Rainfall(In)[2]	weighting[1*2]
0.18	2.50	0.45

STORM EVENT (YEAR) = 2.00
Area Averaged 2-Year Rainfall = 1.100(In)
Area Averaged 100-Year Rainfall = 2.500(In)

Point rain (area averaged) = 1.100(In)
Areal adjustment factor = 100.00 %
Adjusted average point rain = 1.100(In)

Sub-Area Data:

Area(Ac.)	Runoff Index	Impervious %
0.180	56.60	0.800
Total Area Entered =	0.18(Ac.)	

RI	RI	Infil. Rate	Impervious	Adj. Infil. Rate	Area%	F
AMC2	AMC-1	(In/Hr)	(Dec.%)	(In/Hr)	(Dec.)	(In/Hr)
56.6	36.6	0.701	0.800	0.196	1.000	0.196
						Sum (F) = 0.196

Area averaged mean soil loss (F) (In/Hr) = 0.196
 Minimum soil loss rate ((In/Hr)) = 0.098
 (for 24 hour storm duration)
 Soil loss rate (decimal) = 0.260

 U n i t H y d r o g r a p h
 VALLEY S-Curve

Unit Hydrograph Data

Unit time period (hrs)	Time % of lag	Distribution Graph %	Unit Hydrograph (CFS)
1	0.083	393.887	64.658
2	0.167	787.773	32.454
3	0.250	1181.660	2.887
		Sum = 100.000	Sum= 0.181

The following loss rate calculations reflect use of the minimum calculated loss rate subtracted from the Storm Rain to produce the maximum Effective Rain value

Unit Time (Hr.)	Pattern Percent	Storm Rain (In/Hr)	Loss rate(In./Hr)		Effective (In/Hr)
			Max	Low	
1	0.08	0.50	(0.196)	0.017	0.049
2	0.17	0.60	(0.196)	0.021	0.059
3	0.25	0.60	(0.196)	0.021	0.059
4	0.33	0.60	(0.196)	0.021	0.059
5	0.42	0.60	(0.196)	0.021	0.059
6	0.50	0.70	(0.196)	0.024	0.068
7	0.58	0.70	(0.196)	0.024	0.068
8	0.67	0.70	(0.196)	0.024	0.068
9	0.75	0.70	(0.196)	0.024	0.068
10	0.83	0.70	(0.196)	0.024	0.068
11	0.92	0.70	(0.196)	0.024	0.068
12	1.00	0.80	(0.196)	0.027	0.078
13	1.08	0.80	(0.196)	0.027	0.078
14	1.17	0.80	(0.196)	0.027	0.078
15	1.25	0.80	(0.196)	0.027	0.078
16	1.33	0.80	(0.196)	0.027	0.078
17	1.42	0.80	(0.196)	0.027	0.078
18	1.50	0.80	(0.196)	0.027	0.078
19	1.58	0.80	(0.196)	0.027	0.078
20	1.67	0.80	(0.196)	0.027	0.078
21	1.75	0.80	(0.196)	0.027	0.078
22	1.83	0.80	(0.196)	0.027	0.078
23	1.92	0.80	(0.196)	0.027	0.078
24	2.00	0.90	(0.196)	0.031	0.088
25	2.08	0.80	(0.196)	0.027	0.078
26	2.17	0.90	(0.196)	0.031	0.088
27	2.25	0.90	(0.196)	0.031	0.088
28	2.33	0.90	(0.196)	0.031	0.088
29	2.42	0.90	(0.196)	0.031	0.088
30	2.50	0.90	(0.196)	0.031	0.088
31	2.58	0.90	(0.196)	0.031	0.088
32	2.67	0.90	(0.196)	0.031	0.088
33	2.75	1.00	(0.196)	0.034	0.098
34	2.83	1.00	(0.196)	0.034	0.098
35	2.92	1.00	(0.196)	0.034	0.098
36	3.00	1.00	(0.196)	0.034	0.098
37	3.08	1.00	(0.196)	0.034	0.098
38	3.17	1.10	(0.196)	0.038	0.107
39	3.25	1.10	(0.196)	0.038	0.107

40	3.33	1.10	0.145	(0.196)	0.038	0.107
41	3.42	1.20	0.158	(0.196)	0.041	0.117
42	3.50	1.30	0.172	(0.196)	0.045	0.127
43	3.58	1.40	0.185	(0.196)	0.048	0.137
44	3.67	1.40	0.185	(0.196)	0.048	0.137
45	3.75	1.50	0.198	(0.196)	0.051	0.147
46	3.83	1.50	0.198	(0.196)	0.051	0.147
47	3.92	1.60	0.211	(0.196)	0.055	0.156
48	4.00	1.60	0.211	(0.196)	0.055	0.156
49	4.08	1.70	0.224	(0.196)	0.058	0.166
50	4.17	1.80	0.238	(0.196)	0.062	0.176
51	4.25	1.90	0.251	(0.196)	0.065	0.186
52	4.33	2.00	0.264	(0.196)	0.069	0.195
53	4.42	2.10	0.277	(0.196)	0.072	0.205
54	4.50	2.10	0.277	(0.196)	0.072	0.205
55	4.58	2.20	0.290	(0.196)	0.076	0.215
56	4.67	2.30	0.304	(0.196)	0.079	0.225
57	4.75	2.40	0.317	(0.196)	0.082	0.234
58	4.83	2.40	0.317	(0.196)	0.082	0.234
59	4.92	2.50	0.330	(0.196)	0.086	0.244
60	5.00	2.60	0.343	(0.196)	0.089	0.254
61	5.08	3.10	0.409	(0.196)	0.106	0.303
62	5.17	3.60	0.475	(0.196)	0.124	0.352
63	5.25	3.90	0.515	(0.196)	0.134	0.381
64	5.33	4.20	0.554	(0.196)	0.144	0.410
65	5.42	4.70	0.620	(0.196)	0.161	0.459
66	5.50	5.60	0.739	(0.196)	0.192	0.547
67	5.58	1.90	0.251	(0.196)	0.065	0.186
68	5.67	0.90	0.119	(0.196)	0.031	0.088
69	5.75	0.60	0.079	(0.196)	0.021	0.059
70	5.83	0.50	0.066	(0.196)	0.017	0.049
71	5.92	0.30	0.040	(0.196)	0.010	0.029
72	6.00	0.20	0.026	(0.196)	0.007	0.020

(Loss Rate Not Used)

Sum = 100.0

Sum = 9.8

Flood volume = Effective rainfall 0.81(In)
times area 0.2(Ac.)/[(In)/(Ft.)] = 0.0(Ac.Ft)
Total soil loss = 0.29(In)
Total soil loss = 0.004(Ac.Ft)
Total rainfall = 1.10(In)
Flood volume = 531.9 Cubic Feet
Total soil loss = 186.9 Cubic Feet

Peak flow rate of this hydrograph = 0.093(CFS)

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6 - H O U R S T O R M
R u n o f f H y d r o g r a p h

Hydrograph in 5 Minute intervals ((CFS))

Time(h+m)	Volume Ac.Ft	Q(CFS)	0	2.5	5.0	7.5	10.0
0+ 5	0.0000	0.01	Q				
0+10	0.0001	0.01	Q				
0+15	0.0002	0.01	Q				
0+20	0.0003	0.01	Q				
0+25	0.0003	0.01	QV				
0+30	0.0004	0.01	QV				
0+35	0.0005	0.01	QV				
0+40	0.0006	0.01	QV				
0+45	0.0007	0.01	Q V				
0+50	0.0007	0.01	Q V				
0+55	0.0008	0.01	Q V				
1+ 0	0.0009	0.01	Q V				
1+ 5	0.0010	0.01	Q V				
1+10	0.0011	0.01	Q V				
1+15	0.0012	0.01	Q V				
1+20	0.0013	0.01	Q V				
1+25	0.0014	0.01	Q V				

1+30	0.0015	0.01	Q	V				
1+35	0.0016	0.01	Q	V				
1+40	0.0017	0.01	Q	V				
1+45	0.0018	0.01	Q	V				
1+50	0.0019	0.01	Q	V				
1+55	0.0020	0.01	Q	V				
2+ 0	0.0021	0.02	Q	V				
2+ 5	0.0022	0.01	Q	V				
2+10	0.0023	0.02	Q	V				
2+15	0.0024	0.02	Q	V				
2+20	0.0025	0.02	Q	V				
2+25	0.0026	0.02	Q	V				
2+30	0.0028	0.02	Q	V				
2+35	0.0029	0.02	Q	V				
2+40	0.0030	0.02	Q	V				
2+45	0.0031	0.02	Q	V				
2+50	0.0032	0.02	Q	V				
2+55	0.0033	0.02	Q	V				
3+ 0	0.0035	0.02	Q	V				
3+ 5	0.0036	0.02	Q	V				
3+10	0.0037	0.02	Q	V				
3+15	0.0038	0.02	Q	V				
3+20	0.0040	0.02	Q	V				
3+25	0.0041	0.02	Q	V				
3+30	0.0043	0.02	Q	V				
3+35	0.0044	0.02	Q	V				
3+40	0.0046	0.02	Q	V				
3+45	0.0048	0.03	Q	V				
3+50	0.0050	0.03	Q	V				
3+55	0.0052	0.03	Q	V				
4+ 0	0.0054	0.03	Q	V				
4+ 5	0.0056	0.03	Q	V				
4+10	0.0058	0.03	Q	V				
4+15	0.0060	0.03	Q	V				
4+20	0.0062	0.03	Q	V				
4+25	0.0065	0.04	Q	V				
4+30	0.0068	0.04	Q	V				
4+35	0.0070	0.04	Q	V				
4+40	0.0073	0.04	Q	V				
4+45	0.0076	0.04	Q	V				
4+50	0.0079	0.04	Q	V				
4+55	0.0082	0.04	Q	V				
5+ 0	0.0085	0.05	Q	V				
5+ 5	0.0088	0.05	Q	V				
5+10	0.0093	0.06	Q	V				
5+15	0.0097	0.07	Q	V				
5+20	0.0102	0.07	Q	V				
5+25	0.0108	0.08	Q	V				
5+30	0.0114	0.09	Q	V				
5+35	0.0118	0.06	Q	V				
5+40	0.0120	0.02	Q	V				
5+45	0.0121	0.01	Q	V				
5+50	0.0121	0.01	Q	V				
5+55	0.0122	0.01	Q	V				
6+ 0	0.0122	0.00	Q	V				
6+ 5	0.0122	0.00	Q	V				
6+10	0.0122	0.00	Q	V				

Unit Hydrograph Analysis

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Study date 01/19/23 File: D21100.out

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Riverside County Synthetic Unit Hydrology Method
RCFC & WCD Manual date - April 1978

Program License Serial Number 6545

English (in-lb) Input Units Used
English Rainfall Data (Inches) Input Values Used

English Units used in output format

MENIFEE STAXUP STORAGE EXPANSION
PRELIMINARY DRAINAGE STUDY
PROPOSED AREA D2
100-YEAR; 1-HOUR

Drainage Area = 0.18(Ac.) = 0.000 Sq. Mi.
Drainage Area for Depth-Area Areal Adjustment = 0.18(Ac.) = 0.000 Sq. Mi.
Length along longest watercourse = 496.00(Ft.)
Length along longest watercourse measured to centroid = 248.00(Ft.)
Length along longest watercourse = 0.094 Mi.
Length along longest watercourse measured to centroid = 0.047 Mi.
Difference in elevation = 5.50(Ft.)
Slope along watercourse = 58.5484 Ft./Mi.
Average Manning's 'N' = 0.015
Lag time = 0.021 Hr.
Lag time = 1.27 Min.
25% of lag time = 0.32 Min.
40% of lag time = 0.51 Min.
Unit time = 5.00 Min.
Duration of storm = 1 Hour(s)
User Entered Base Flow = 0.00(CFS)

2 YEAR Area rainfall data:

Area(Ac.)[1]	Rainfall(In)[2]	weighting[1*2]
0.18	0.50	0.09

100 YEAR Area rainfall data:

Area(Ac.)[1]	Rainfall(In)[2]	weighting[1*2]
0.18	1.25	0.22

STORM EVENT (YEAR) = 100.00
Area Averaged 2-Year Rainfall = 0.500(In)
Area Averaged 100-Year Rainfall = 1.250(In)

Point rain (area averaged) = 1.250(In)
Areal adjustment factor = 100.00 %
Adjusted average point rain = 1.250(In)

Sub-Area Data:

Area(Ac.)	Runoff Index	Impervious %
0.180	56.60	0.800
Total Area Entered =	0.18(Ac.)	

RI	RI	Infil. Rate	Impervious	Adj. Infil. Rate	Area%	F
AMC2	AMC-3	(In/Hr)	(Dec.%)	(In/Hr)	(Dec.)	(In/Hr)
56.6	75.3	0.300	0.800	0.084	1.000	0.084
						Sum (F) = 0.084

Area averaged mean soil loss (F) (In/Hr) = 0.084
 Minimum soil loss rate ((In/Hr)) = 0.042
 (for 24 hour storm duration)
 Soil loss rate (decimal) = 0.260

 Slope of intensity-duration curve for a 1 hour storm = 0.5300

Unit Hydrograph
VALLEY S-Curve

 Unit Hydrograph Data

Unit time period (hrs)	Time % of lag	Distribution Graph %	Unit Hydrograph (CFS)	
1	0.083	393.887	64.658	0.117
2	0.167	787.773	32.454	0.059
3	0.250	1181.660	2.887	0.005
Sum = 100.000			Sum=	0.181

The following loss rate calculations reflect use of the minimum calculated loss rate subtracted from the Storm Rain to produce the maximum Effective Rain value

Unit Time (Hr.)	Pattern Percent	Storm Rain (In/Hr)	Loss rate(In./Hr)		Effective (In/Hr)
			Max	Low	
1	0.08	3.40	0.510	0.084 (0.133)	0.426
2	0.17	4.70	0.705	0.084 (0.183)	0.621
3	0.25	4.70	0.705	0.084 (0.183)	0.621
4	0.33	5.10	0.765	0.084 (0.199)	0.681
5	0.42	5.80	0.870	0.084 (0.226)	0.786
6	0.50	5.90	0.885	0.084 (0.230)	0.801
7	0.58	7.10	1.065	0.084 (0.277)	0.981
8	0.67	8.70	1.305	0.084 (0.339)	1.221
9	0.75	13.20	1.980	0.084 (0.515)	1.896
10	0.83	29.70	4.455	0.084 (1.158)	4.371
11	0.92	7.70	1.155	0.084 (0.300)	1.071
12	1.00	4.00	0.600	0.084 (0.156)	0.516

Sum = 100.0 (Loss Rate Not Used) Sum = 14.0

Flood volume = Effective rainfall 1.17(In)
 times area 0.2(Ac.)/[(In)/(Ft.)] = 0.0(Ac.Ft)

Total soil loss = 0.08(In)
 Total soil loss = 0.001(Ac.Ft)
 Total rainfall = 1.25(In)
 Flood volume = 761.9 Cubic Feet
 Total soil loss = 54.8 Cubic Feet

 Peak flow rate of this hydrograph = 0.631(CFS)

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 1 - H O U R S T O R M
 R u n o f f H y d r o g r a p h

Hydrograph in 5 Minute intervals ((CFS))

Time(h+m)	Volume Ac.Ft	Q(CFS)	0	2.5	5.0	7.5	10.0
0+ 5	0.0003	0.05	Q				
0+10	0.0010	0.10	Q V				
0+15	0.0018	0.11	Q V				
0+20	0.0026	0.12	Q V				

0+25	0.0035	0.14	Q	V				
0+30	0.0045	0.14	Q		V			
0+35	0.0057	0.17	Q			V		
0+40	0.0071	0.21	Q				V	
0+45	0.0092	0.30	Q				V	
0+50	0.0135	0.63	Q				V	
0+55	0.0162	0.39	Q					V
1+ 0	0.0172	0.15	Q					V
1+ 5	0.0175	0.04	Q					V
1+10	0.0175	0.00	Q					V

Unit Hydrograph Analysis

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Study date 01/19/23 File: D23100.out

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Riverside County Synthetic Unit Hydrology Method
RCFC & WCD Manual date - April 1978

Program License Serial Number 6545

English (in-lb) Input Units Used
English Rainfall Data (Inches) Input Values Used

English Units used in output format

MENIFEE STAXUP STORAGE EXPANSION
PRELIMINARY DRAINAGE STUDY
PROPOSED AREA D2
100-YEAR; 3-HOUR

Drainage Area = 0.18(Ac.) = 0.000 Sq. Mi.
Drainage Area for Depth-Area Areal Adjustment = 0.18(Ac.) = 0.000 Sq. Mi.
Length along longest watercourse = 496.00(Ft.)
Length along longest watercourse measured to centroid = 248.00(Ft.)
Length along longest watercourse = 0.094 Mi.
Length along longest watercourse measured to centroid = 0.047 Mi.
Difference in elevation = 5.50(Ft.)
Slope along watercourse = 58.5484 Ft./Mi.
Average Manning's 'N' = 0.015
Lag time = 0.021 Hr.
Lag time = 1.27 Min.
25% of lag time = 0.32 Min.
40% of lag time = 0.51 Min.
Unit time = 5.00 Min.
Duration of storm = 3 Hour(s)
User Entered Base Flow = 0.00(CFS)

2 YEAR Area rainfall data:

Area(Ac.)[1]	Rainfall(In)[2]	weighting[1*2]
0.18	0.80	0.14

100 YEAR Area rainfall data:

Area(Ac.)[1]	Rainfall(In)[2]	weighting[1*2]
0.18	1.90	0.34

STORM EVENT (YEAR) = 100.00
Area Averaged 2-Year Rainfall = 0.800(In)
Area Averaged 100-Year Rainfall = 1.900(In)

Point rain (area averaged) = 1.900(In)
Areal adjustment factor = 100.00 %
Adjusted average point rain = 1.900(In)

Sub-Area Data:
Area(Ac.) Runoff Index Impervious %
0.180 56.60 0.800
Total Area Entered = 0.18(Ac.)

RI	RI	Infil. Rate	Impervious	Adj. Infil. Rate	Area%	F
AMC2	AMC-3	(In/Hr)	(Dec.%)	(In/Hr)	(Dec.)	(In/Hr)
56.6	75.3	0.300	0.800	0.084	1.000	0.084
						Sum (F) = 0.084

Area averaged mean soil loss (F) (In/Hr) = 0.084
 Minimum soil loss rate ((In/Hr)) = 0.042
 (for 24 hour storm duration)
 Soil loss rate (decimal) = 0.260

 U n i t H y d r o g r a p h
 VALLEY S-Curve

Unit Hydrograph Data

Unit time period (hrs)	Time % of lag	Distribution Graph %	Unit Hydrograph (CFS)
1	0.083	393.887	64.658
2	0.167	787.773	32.454
3	0.250	1181.660	2.887
		Sum = 100.000	Sum= 0.181

The following loss rate calculations reflect use of the minimum calculated loss rate subtracted from the Storm Rain to produce the maximum Effective Rain value

Unit Time (Hr.)	Pattern Percent	Storm Rain (In/Hr)	Loss rate(In./Hr)		Effective (In/Hr)
			Max	Low	
1	0.08	1.30	(0.084)	0.077	0.219
2	0.17	1.30	(0.084)	0.077	0.219
3	0.25	1.10	(0.084)	0.065	0.186
4	0.33	1.50	0.084	(0.089)	0.258
5	0.42	1.50	0.084	(0.089)	0.258
6	0.50	1.80	0.084	(0.107)	0.326
7	0.58	1.50	0.084	(0.089)	0.258
8	0.67	1.80	0.084	(0.107)	0.326
9	0.75	1.80	0.084	(0.107)	0.326
10	0.83	1.50	0.084	(0.089)	0.258
11	0.92	1.60	0.084	(0.095)	0.281
12	1.00	1.80	0.084	(0.107)	0.326
13	1.08	2.20	0.084	(0.130)	0.418
14	1.17	2.20	0.084	(0.130)	0.418
15	1.25	2.20	0.084	(0.130)	0.418
16	1.33	2.00	0.084	(0.119)	0.372
17	1.42	2.60	0.084	(0.154)	0.509
18	1.50	2.70	0.084	(0.160)	0.532
19	1.58	2.40	0.084	(0.142)	0.463
20	1.67	2.70	0.084	(0.160)	0.532
21	1.75	3.30	0.084	(0.196)	0.668
22	1.83	3.10	0.084	(0.184)	0.623
23	1.92	2.90	0.084	(0.172)	0.577
24	2.00	3.00	0.084	(0.178)	0.600
25	2.08	3.10	0.084	(0.184)	0.623
26	2.17	4.20	0.084	(0.249)	0.874
27	2.25	5.00	0.084	(0.296)	1.056
28	2.33	3.50	0.084	(0.207)	0.714
29	2.42	6.80	0.084	(0.403)	1.466
30	2.50	7.30	0.084	(0.433)	1.580
31	2.58	8.20	0.084	(0.486)	1.786
32	2.67	5.90	0.084	(0.350)	1.261
33	2.75	2.00	0.084	(0.119)	0.372
34	2.83	1.80	0.084	(0.107)	0.326
35	2.92	1.80	0.084	(0.107)	0.326
36	3.00	0.60	(0.084)	0.036	0.101

(Loss Rate Not Used)

Sum = 100.0

Sum = 19.9

Flood volume = Effective rainfall

1.65(In)

times area 0.2(Ac.)/[(In)/(Ft.)] = 0.0(Ac.Ft)
 Total soil loss = 0.25(In)
 Total soil loss = 0.004(Ac.Ft)
 Total rainfall = 1.90(In)
 Flood volume = 1081.4 Cubic Feet
 Total soil loss = 160.1 Cubic Feet

 Peak flow rate of this hydrograph = 0.310(CFS)

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3 - H O U R S T O R M
 R u n o f f H y d r o g r a p h

 Hydrograph in 5 Minute intervals ((CFS))

Time(h+m)	Volume Ac.Ft	Q(CFS)	0	2.5	5.0	7.5	10.0
0+ 5	0.0002	0.03	Q				
0+10	0.0004	0.04	Q				
0+15	0.0007	0.04	QV				
0+20	0.0010	0.04	QV				
0+25	0.0013	0.05	Q V				
0+30	0.0017	0.05	Q V				
0+35	0.0020	0.05	Q V				
0+40	0.0024	0.06	Q V				
0+45	0.0028	0.06	Q V				
0+50	0.0032	0.05	Q V				
0+55	0.0035	0.05	Q V				
1+ 0	0.0039	0.06	Q V				
1+ 5	0.0044	0.07	Q V				
1+10	0.0049	0.08	Q V				
1+15	0.0054	0.08	Q V				
1+20	0.0059	0.07	Q V				
1+25	0.0065	0.08	Q V				
1+30	0.0071	0.09	Q V				
1+35	0.0077	0.09	Q V				
1+40	0.0084	0.09	Q V				
1+45	0.0092	0.11	Q V				
1+50	0.0099	0.12	Q V				
1+55	0.0107	0.11	Q V				
2+ 0	0.0114	0.11	Q V				
2+ 5	0.0122	0.11	Q V				
2+10	0.0132	0.14	Q V				
2+15	0.0144	0.18	Q V				
2+20	0.0154	0.15	Q V				
2+25	0.0170	0.22	Q V				
2+30	0.0189	0.28	Q				
2+35	0.0210	0.31	Q				
2+40	0.0228	0.26	Q				
2+45	0.0237	0.13	Q				
2+50	0.0241	0.07	Q				
2+55	0.0245	0.06	Q				
3+ 0	0.0248	0.03	Q				
3+ 5	0.0248	0.01	Q				
3+10	0.0248	0.00	Q				

Unit Hydrograph Analysis

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Study date 01/19/23 File: D26100.out

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Riverside County Synthetic Unit Hydrology Method
RCFC & WCD Manual date - April 1978

Program License Serial Number 6545

English (in-lb) Input Units Used
English Rainfall Data (Inches) Input Values Used

English Units used in output format

MENIFEE STAXUP STORAGE EXPANSION
PRELIMINARY DRAINAGE STUDY
PROPOSED AREA D2
100-YEAR; 6-HOUR

Drainage Area = 0.18(Ac.) = 0.000 Sq. Mi.
Drainage Area for Depth-Area Areal Adjustment = 0.18(Ac.) = 0.000 Sq. Mi.
Length along longest watercourse = 496.00(Ft.)
Length along longest watercourse measured to centroid = 248.00(Ft.)
Length along longest watercourse = 0.094 Mi.
Length along longest watercourse measured to centroid = 0.047 Mi.
Difference in elevation = 5.50(Ft.)
Slope along watercourse = 58.5484 Ft./Mi.
Average Manning's 'N' = 0.015
Lag time = 0.021 Hr.
Lag time = 1.27 Min.
25% of lag time = 0.32 Min.
40% of lag time = 0.51 Min.
Unit time = 5.00 Min.
Duration of storm = 6 Hour(s)
User Entered Base Flow = 0.00(CFS)

2 YEAR Area rainfall data:

Area(Ac.)[1]	Rainfall(In)[2]	weighting[1*2]
0.18	1.10	0.20

100 YEAR Area rainfall data:

Area(Ac.)[1]	Rainfall(In)[2]	weighting[1*2]
0.18	2.50	0.45

STORM EVENT (YEAR) = 100.00
Area Averaged 2-Year Rainfall = 1.100(In)
Area Averaged 100-Year Rainfall = 2.500(In)

Point rain (area averaged) = 2.500(In)
Areal adjustment factor = 100.00 %
Adjusted average point rain = 2.500(In)

Sub-Area Data:

Area(Ac.)	Runoff Index	Impervious %
0.180	56.60	0.800
Total Area Entered = 0.18(Ac.)		

RI	RI	Infil. Rate	Impervious	Adj. Infil. Rate	Area%	F
AMC2	AMC-3	(In/Hr)	(Dec.%)	(In/Hr)	(Dec.)	(In/Hr)
56.6	75.3	0.300	0.800	0.084	1.000	0.084
						Sum (F) = 0.084

Area averaged mean soil loss (F) (In/Hr) = 0.084

Minimum soil loss rate ((In/Hr)) = 0.042

(for 24 hour storm duration)

Soil loss rate (decimal) = 0.260

U n i t H y d r o g r a p h
VALLEY S-Curve

Unit Hydrograph Data

Unit time period (hrs)	Time % of lag	Distribution Graph %	Unit Hydrograph (CFS)
1	0.083	393.887	64.658
2	0.167	787.773	32.454
3	0.250	1181.660	2.887
		Sum = 100.000	Sum= 0.181

The following loss rate calculations reflect use of the minimum calculated loss rate subtracted from the Storm Rain to produce the maximum Effective Rain value

Unit Time (Hr.)	Pattern Percent	Storm Rain (In/Hr)	Loss rate(In./Hr)		Effective (In/Hr)
			Max	Low	
1	0.08	0.150	(0.084)	0.039	0.111
2	0.17	0.180	(0.084)	0.047	0.133
3	0.25	0.180	(0.084)	0.047	0.133
4	0.33	0.180	(0.084)	0.047	0.133
5	0.42	0.180	(0.084)	0.047	0.133
6	0.50	0.210	(0.084)	0.055	0.155
7	0.58	0.210	(0.084)	0.055	0.155
8	0.67	0.210	(0.084)	0.055	0.155
9	0.75	0.210	(0.084)	0.055	0.155
10	0.83	0.210	(0.084)	0.055	0.155
11	0.92	0.210	(0.084)	0.055	0.155
12	1.00	0.240	(0.084)	0.062	0.178
13	1.08	0.240	(0.084)	0.062	0.178
14	1.17	0.240	(0.084)	0.062	0.178
15	1.25	0.240	(0.084)	0.062	0.178
16	1.33	0.240	(0.084)	0.062	0.178
17	1.42	0.240	(0.084)	0.062	0.178
18	1.50	0.240	(0.084)	0.062	0.178
19	1.58	0.240	(0.084)	0.062	0.178
20	1.67	0.240	(0.084)	0.062	0.178
21	1.75	0.240	(0.084)	0.062	0.178
22	1.83	0.240	(0.084)	0.062	0.178
23	1.92	0.240	(0.084)	0.062	0.178
24	2.00	0.270	(0.084)	0.070	0.200
25	2.08	0.240	(0.084)	0.062	0.178
26	2.17	0.270	(0.084)	0.070	0.200
27	2.25	0.270	(0.084)	0.070	0.200
28	2.33	0.270	(0.084)	0.070	0.200
29	2.42	0.270	(0.084)	0.070	0.200
30	2.50	0.270	(0.084)	0.070	0.200
31	2.58	0.270	(0.084)	0.070	0.200
32	2.67	0.270	(0.084)	0.070	0.200
33	2.75	1.00	(0.084)	0.078	0.222
34	2.83	1.00	(0.084)	0.078	0.222
35	2.92	1.00	(0.084)	0.078	0.222
36	3.00	1.00	(0.084)	0.078	0.222
37	3.08	1.00	(0.084)	0.078	0.222
38	3.17	1.10	0.084 (0.086)		0.246
39	3.25	1.10	0.084 (0.086)		0.246

40	3.33	1.10	0.330	0.084	(0.086)	0.246
41	3.42	1.20	0.360	0.084	(0.094)	0.276
42	3.50	1.30	0.390	0.084	(0.101)	0.306
43	3.58	1.40	0.420	0.084	(0.109)	0.336
44	3.67	1.40	0.420	0.084	(0.109)	0.336
45	3.75	1.50	0.450	0.084	(0.117)	0.366
46	3.83	1.50	0.450	0.084	(0.117)	0.366
47	3.92	1.60	0.480	0.084	(0.125)	0.396
48	4.00	1.60	0.480	0.084	(0.125)	0.396
49	4.08	1.70	0.510	0.084	(0.133)	0.426
50	4.17	1.80	0.540	0.084	(0.140)	0.456
51	4.25	1.90	0.570	0.084	(0.148)	0.486
52	4.33	2.00	0.600	0.084	(0.156)	0.516
53	4.42	2.10	0.630	0.084	(0.164)	0.546
54	4.50	2.10	0.630	0.084	(0.164)	0.546
55	4.58	2.20	0.660	0.084	(0.172)	0.576
56	4.67	2.30	0.690	0.084	(0.179)	0.606
57	4.75	2.40	0.720	0.084	(0.187)	0.636
58	4.83	2.40	0.720	0.084	(0.187)	0.636
59	4.92	2.50	0.750	0.084	(0.195)	0.666
60	5.00	2.60	0.780	0.084	(0.203)	0.696
61	5.08	3.10	0.930	0.084	(0.242)	0.846
62	5.17	3.60	1.080	0.084	(0.281)	0.996
63	5.25	3.90	1.170	0.084	(0.304)	1.086
64	5.33	4.20	1.260	0.084	(0.328)	1.176
65	5.42	4.70	1.410	0.084	(0.367)	1.326
66	5.50	5.60	1.680	0.084	(0.437)	1.596
67	5.58	1.90	0.570	0.084	(0.148)	0.486
68	5.67	0.90	0.270	(0.084)	0.070	0.200
69	5.75	0.60	0.180	(0.084)	0.047	0.133
70	5.83	0.50	0.150	(0.084)	0.039	0.111
71	5.92	0.30	0.090	(0.084)	0.023	0.067
72	6.00	0.20	0.060	(0.084)	0.016	0.044

(Loss Rate Not Used)

Sum = 100.0 Sum = 25.0

Flood volume = Effective rainfall 2.08(In)
times area 0.2(Ac.)/[(In)/(Ft.)] = 0.0(Ac.Ft)
Total soil loss = 0.42(In)
Total soil loss = 0.006(Ac.Ft)
Total rainfall = 2.50(In)
Flood volume = 1359.7 Cubic Feet
Total soil loss = 273.8 Cubic Feet

Peak flow rate of this hydrograph = 0.272(CFS)

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6 - H O U R S T O R M
R u n o f f H y d r o g r a p h

Hydrograph in 5 Minute intervals ((CFS))

Time(h+m)	Volume Ac.Ft	Q(CFS)	0	2.5	5.0	7.5	10.0
0+ 5	0.0001	0.01	Q				
0+10	0.0002	0.02	Q				
0+15	0.0004	0.02	Q				
0+20	0.0006	0.02	Q				
0+25	0.0007	0.02	Q				
0+30	0.0009	0.03	QV				
0+35	0.0011	0.03	QV				
0+40	0.0013	0.03	QV				
0+45	0.0015	0.03	QV				
0+50	0.0017	0.03	Q V				
0+55	0.0019	0.03	Q V				
1+ 0	0.0021	0.03	Q V				
1+ 5	0.0023	0.03	Q V				
1+10	0.0026	0.03	Q V				
1+15	0.0028	0.03	Q V				
1+20	0.0030	0.03	Q V				
1+25	0.0032	0.03	Q V				

1+30	0.0034	0.03	Q	V				
1+35	0.0037	0.03	Q	V				
1+40	0.0039	0.03	Q	V				
1+45	0.0041	0.03	Q	V				
1+50	0.0043	0.03	Q	V				
1+55	0.0045	0.03	Q	V				
2+ 0	0.0048	0.03	Q	V				
2+ 5	0.0050	0.03	Q	V				
2+10	0.0053	0.03	Q	V				
2+15	0.0055	0.04	Q	V				
2+20	0.0058	0.04	Q	V				
2+25	0.0060	0.04	Q	V				
2+30	0.0063	0.04	Q	V				
2+35	0.0065	0.04	Q	V				
2+40	0.0068	0.04	Q	V				
2+45	0.0070	0.04	Q	V				
2+50	0.0073	0.04	Q	V				
2+55	0.0076	0.04	Q	V				
3+ 0	0.0079	0.04	Q	V				
3+ 5	0.0081	0.04	Q	V				
3+10	0.0084	0.04	Q	V				
3+15	0.0087	0.04	Q	V				
3+20	0.0090	0.04	Q	V				
3+25	0.0094	0.05	Q	V				
3+30	0.0097	0.05	Q	V				
3+35	0.0102	0.06	Q	V				
3+40	0.0106	0.06	Q	V				
3+45	0.0110	0.06	Q	V				
3+50	0.0115	0.07	Q	V				
3+55	0.0120	0.07	Q	V				
4+ 0	0.0124	0.07	Q	V				
4+ 5	0.0130	0.08	Q	V				
4+10	0.0135	0.08	Q	V				
4+15	0.0141	0.09	Q	V				
4+20	0.0147	0.09	Q	V				
4+25	0.0154	0.10	Q	V				
4+30	0.0161	0.10	Q	V				
4+35	0.0168	0.10	Q	V				
4+40	0.0175	0.11	Q	V				
4+45	0.0183	0.11	Q	V				
4+50	0.0191	0.12	Q	V				
4+55	0.0199	0.12	Q	V				
5+ 0	0.0208	0.12	Q	V				
5+ 5	0.0218	0.14	Q	V				
5+10	0.0230	0.17	Q	V				
5+15	0.0243	0.19	Q	V				
5+20	0.0257	0.21	Q	V				
5+25	0.0273	0.23	Q	V				
5+30	0.0292	0.27	Q	V				
5+35	0.0302	0.16	Q	V				
5+40	0.0307	0.06	Q	V				
5+45	0.0309	0.03	Q	V				
5+50	0.0310	0.02	Q	V				
5+55	0.0311	0.02	Q	V				
6+ 0	0.0312	0.01	Q	V				
6+ 5	0.0312	0.00	Q	V				
6+10	0.0312	0.00	Q	V				

Unit Hydrograph Analysis

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Study date 01/19/23 File: D224100.out

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Riverside County Synthetic Unit Hydrology Method
RCFC & WCD Manual date - April 1978

Program License Serial Number 6545

English (in-lb) Input Units Used
English Rainfall Data (Inches) Input Values Used

English Units used in output format

MENIFEE STAXUP STORAGE EXPANSION
PRELIMINARY DRAINAGE STUDY
PROPOSED AREA D2
100-YEAR; 24-HOUR

Drainage Area = 0.18(Ac.) = 0.000 Sq. Mi.
Drainage Area for Depth-Area Areal Adjustment = 0.18(Ac.) = 0.000 Sq. Mi.
Length along longest watercourse = 496.00(Ft.)
Length along longest watercourse measured to centroid = 248.00(Ft.)
Length along longest watercourse = 0.094 Mi.
Length along longest watercourse measured to centroid = 0.047 Mi.
Difference in elevation = 5.50(Ft.)
Slope along watercourse = 58.5484 Ft./Mi.
Average Manning's 'N' = 0.015
Lag time = 0.021 Hr.
Lag time = 1.27 Min.
25% of lag time = 0.32 Min.
40% of lag time = 0.51 Min.
Unit time = 5.00 Min.
Duration of storm = 24 Hour(s)
User Entered Base Flow = 0.00(CFS)

2 YEAR Area rainfall data:

Area(Ac.)[1]	Rainfall(In)[2]	weighting[1*2]
0.18	1.80	0.32

100 YEAR Area rainfall data:

Area(Ac.)[1]	Rainfall(In)[2]	weighting[1*2]
0.18	4.90	0.88

STORM EVENT (YEAR) = 100.00
Area Averaged 2-Year Rainfall = 1.800(In)
Area Averaged 100-Year Rainfall = 4.900(In)

Point rain (area averaged) = 4.900(In)
Areal adjustment factor = 100.00 %
Adjusted average point rain = 4.900(In)

Sub-Area Data:

Area(Ac.)	Runoff Index	Impervious %
0.180	56.60	0.800
Total Area Entered = 0.18(Ac.)		

RI	RI	Infil. Rate	Impervious	Adj. Infil. Rate	Area%	F
AMC2	AMC-3	(In/Hr)	(Dec.%)	(In/Hr)	(Dec.)	(In/Hr)
56.6	75.3	0.300	0.800	0.084	1.000	0.084
						Sum (F) = 0.084

Area averaged mean soil loss (F) (In/Hr) = 0.084
 Minimum soil loss rate ((In/Hr)) = 0.042
 (for 24 hour storm duration)
 Soil loss rate (decimal) = 0.260

 U n i t H y d r o g r a p h
 VALLEY S-Curve

Unit Hydrograph Data

Unit time period (hrs)	Time % of lag	Distribution Graph %	Unit Hydrograph (CFS)
1	0.083	393.887	64.658
2	0.167	787.773	32.454
3	0.250	1181.660	2.887
		Sum = 100.000	Sum= 0.181

The following loss rate calculations reflect use of the minimum calculated loss rate subtracted from the Storm Rain to produce the maximum Effective Rain value

Unit Time (Hr.)	Pattern Percent	Storm Rain (In/Hr)	Loss rate(In./Hr)		Effective (In/Hr)
			Max	Low	
1	0.08	0.039	(0.149)	0.010	0.029
2	0.17	0.039	(0.148)	0.010	0.029
3	0.25	0.039	(0.148)	0.010	0.029
4	0.33	0.059	(0.147)	0.015	0.044
5	0.42	0.059	(0.146)	0.015	0.044
6	0.50	0.059	(0.146)	0.015	0.044
7	0.58	0.059	(0.145)	0.015	0.044
8	0.67	0.059	(0.145)	0.015	0.044
9	0.75	0.059	(0.144)	0.015	0.044
10	0.83	0.078	(0.144)	0.020	0.058
11	0.92	0.078	(0.143)	0.020	0.058
12	1.00	0.078	(0.142)	0.020	0.058
13	1.08	0.059	(0.142)	0.015	0.044
14	1.17	0.059	(0.141)	0.015	0.044
15	1.25	0.059	(0.141)	0.015	0.044
16	1.33	0.059	(0.140)	0.015	0.044
17	1.42	0.059	(0.140)	0.015	0.044
18	1.50	0.059	(0.139)	0.015	0.044
19	1.58	0.059	(0.139)	0.015	0.044
20	1.67	0.059	(0.138)	0.015	0.044
21	1.75	0.059	(0.137)	0.015	0.044
22	1.83	0.078	(0.137)	0.020	0.058
23	1.92	0.078	(0.136)	0.020	0.058
24	2.00	0.078	(0.136)	0.020	0.058
25	2.08	0.078	(0.135)	0.020	0.058
26	2.17	0.078	(0.135)	0.020	0.058
27	2.25	0.078	(0.134)	0.020	0.058
28	2.33	0.078	(0.134)	0.020	0.058
29	2.42	0.078	(0.133)	0.020	0.058
30	2.50	0.078	(0.133)	0.020	0.058
31	2.58	0.098	(0.132)	0.025	0.073
32	2.67	0.098	(0.131)	0.025	0.073
33	2.75	0.098	(0.131)	0.025	0.073
34	2.83	0.098	(0.130)	0.025	0.073
35	2.92	0.098	(0.130)	0.025	0.073
36	3.00	0.098	(0.129)	0.025	0.073
37	3.08	0.098	(0.129)	0.025	0.073
38	3.17	0.098	(0.128)	0.025	0.073
39	3.25	0.098	(0.128)	0.025	0.073

40	3.33	0.17	0.098	(0.127)	0.025	0.073
41	3.42	0.17	0.098	(0.127)	0.025	0.073
42	3.50	0.17	0.098	(0.126)	0.025	0.073
43	3.58	0.17	0.098	(0.126)	0.025	0.073
44	3.67	0.17	0.098	(0.125)	0.025	0.073
45	3.75	0.17	0.098	(0.125)	0.025	0.073
46	3.83	0.20	0.118	(0.124)	0.031	0.087
47	3.92	0.20	0.118	(0.123)	0.031	0.087
48	4.00	0.20	0.118	(0.123)	0.031	0.087
49	4.08	0.20	0.118	(0.122)	0.031	0.087
50	4.17	0.20	0.118	(0.122)	0.031	0.087
51	4.25	0.20	0.118	(0.121)	0.031	0.087
52	4.33	0.23	0.137	(0.121)	0.036	0.102
53	4.42	0.23	0.137	(0.120)	0.036	0.102
54	4.50	0.23	0.137	(0.120)	0.036	0.102
55	4.58	0.23	0.137	(0.119)	0.036	0.102
56	4.67	0.23	0.137	(0.119)	0.036	0.102
57	4.75	0.23	0.137	(0.118)	0.036	0.102
58	4.83	0.27	0.157	(0.118)	0.041	0.116
59	4.92	0.27	0.157	(0.117)	0.041	0.116
60	5.00	0.27	0.157	(0.117)	0.041	0.116
61	5.08	0.20	0.118	(0.116)	0.031	0.087
62	5.17	0.20	0.118	(0.116)	0.031	0.087
63	5.25	0.20	0.118	(0.115)	0.031	0.087
64	5.33	0.23	0.137	(0.115)	0.036	0.102
65	5.42	0.23	0.137	(0.114)	0.036	0.102
66	5.50	0.23	0.137	(0.114)	0.036	0.102
67	5.58	0.27	0.157	(0.113)	0.041	0.116
68	5.67	0.27	0.157	(0.113)	0.041	0.116
69	5.75	0.27	0.157	(0.112)	0.041	0.116
70	5.83	0.27	0.157	(0.112)	0.041	0.116
71	5.92	0.27	0.157	(0.111)	0.041	0.116
72	6.00	0.27	0.157	(0.111)	0.041	0.116
73	6.08	0.30	0.176	(0.110)	0.046	0.131
74	6.17	0.30	0.176	(0.110)	0.046	0.131
75	6.25	0.30	0.176	(0.109)	0.046	0.131
76	6.33	0.30	0.176	(0.109)	0.046	0.131
77	6.42	0.30	0.176	(0.108)	0.046	0.131
78	6.50	0.30	0.176	(0.108)	0.046	0.131
79	6.58	0.33	0.196	(0.107)	0.051	0.145
80	6.67	0.33	0.196	(0.107)	0.051	0.145
81	6.75	0.33	0.196	(0.106)	0.051	0.145
82	6.83	0.33	0.196	(0.106)	0.051	0.145
83	6.92	0.33	0.196	(0.105)	0.051	0.145
84	7.00	0.33	0.196	(0.105)	0.051	0.145
85	7.08	0.33	0.196	(0.104)	0.051	0.145
86	7.17	0.33	0.196	(0.104)	0.051	0.145
87	7.25	0.33	0.196	(0.104)	0.051	0.145
88	7.33	0.37	0.216	(0.103)	0.056	0.160
89	7.42	0.37	0.216	(0.103)	0.056	0.160
90	7.50	0.37	0.216	(0.102)	0.056	0.160
91	7.58	0.40	0.235	(0.102)	0.061	0.174
92	7.67	0.40	0.235	(0.101)	0.061	0.174
93	7.75	0.40	0.235	(0.101)	0.061	0.174
94	7.83	0.43	0.255	(0.100)	0.066	0.189
95	7.92	0.43	0.255	(0.100)	0.066	0.189
96	8.00	0.43	0.255	(0.099)	0.066	0.189
97	8.08	0.50	0.294	(0.099)	0.076	0.218
98	8.17	0.50	0.294	(0.098)	0.076	0.218
99	8.25	0.50	0.294	(0.098)	0.076	0.218
100	8.33	0.50	0.294	(0.097)	0.076	0.218
101	8.42	0.50	0.294	(0.097)	0.076	0.218
102	8.50	0.50	0.294	(0.097)	0.076	0.218
103	8.58	0.53	0.314	(0.096)	0.082	0.232
104	8.67	0.53	0.314	(0.096)	0.082	0.232
105	8.75	0.53	0.314	(0.095)	0.082	0.232
106	8.83	0.57	0.333	(0.095)	0.087	0.247
107	8.92	0.57	0.333	(0.094)	0.087	0.247
108	9.00	0.57	0.333	(0.094)	0.087	0.247
109	9.08	0.63	0.372	0.093 (0.097)		0.279
110	9.17	0.63	0.372	0.093 (0.097)		0.279

111	9.25	0.63	0.372	0.093	(0.097)	0.280
112	9.33	0.67	0.392	0.092	(0.102)	0.300
113	9.42	0.67	0.392	0.092	(0.102)	0.300
114	9.50	0.67	0.392	0.091	(0.102)	0.301
115	9.58	0.70	0.412	0.091	(0.107)	0.321
116	9.67	0.70	0.412	0.090	(0.107)	0.321
117	9.75	0.70	0.412	0.090	(0.107)	0.322
118	9.83	0.73	0.431	0.089	(0.112)	0.342
119	9.92	0.73	0.431	0.089	(0.112)	0.342
120	10.00	0.73	0.431	0.089	(0.112)	0.343
121	10.08	0.50	0.294	(0.088)	0.076	0.218
122	10.17	0.50	0.294	(0.088)	0.076	0.218
123	10.25	0.50	0.294	(0.087)	0.076	0.218
124	10.33	0.50	0.294	(0.087)	0.076	0.218
125	10.42	0.50	0.294	(0.086)	0.076	0.218
126	10.50	0.50	0.294	(0.086)	0.076	0.218
127	10.58	0.67	0.392	0.086	(0.102)	0.306
128	10.67	0.67	0.392	0.085	(0.102)	0.307
129	10.75	0.67	0.392	0.085	(0.102)	0.307
130	10.83	0.67	0.392	0.084	(0.102)	0.308
131	10.92	0.67	0.392	0.084	(0.102)	0.308
132	11.00	0.67	0.392	0.084	(0.102)	0.308
133	11.08	0.63	0.372	0.083	(0.097)	0.289
134	11.17	0.63	0.372	0.083	(0.097)	0.290
135	11.25	0.63	0.372	0.082	(0.097)	0.290
136	11.33	0.63	0.372	0.082	(0.097)	0.290
137	11.42	0.63	0.372	0.082	(0.097)	0.291
138	11.50	0.63	0.372	0.081	(0.097)	0.291
139	11.58	0.57	0.333	0.081	(0.087)	0.252
140	11.67	0.57	0.333	0.080	(0.087)	0.253
141	11.75	0.57	0.333	0.080	(0.087)	0.253
142	11.83	0.60	0.353	0.080	(0.092)	0.273
143	11.92	0.60	0.353	0.079	(0.092)	0.274
144	12.00	0.60	0.353	0.079	(0.092)	0.274
145	12.08	0.83	0.490	0.078	(0.127)	0.412
146	12.17	0.83	0.490	0.078	(0.127)	0.412
147	12.25	0.83	0.490	0.078	(0.127)	0.412
148	12.33	0.87	0.510	0.077	(0.132)	0.432
149	12.42	0.87	0.510	0.077	(0.132)	0.433
150	12.50	0.87	0.510	0.076	(0.132)	0.433
151	12.58	0.93	0.549	0.076	(0.143)	0.473
152	12.67	0.93	0.549	0.076	(0.143)	0.473
153	12.75	0.93	0.549	0.075	(0.143)	0.474
154	12.83	0.97	0.568	0.075	(0.148)	0.494
155	12.92	0.97	0.568	0.074	(0.148)	0.494
156	13.00	0.97	0.568	0.074	(0.148)	0.494
157	13.08	1.13	0.666	0.074	(0.173)	0.593
158	13.17	1.13	0.666	0.073	(0.173)	0.593
159	13.25	1.13	0.666	0.073	(0.173)	0.593
160	13.33	1.13	0.666	0.073	(0.173)	0.594
161	13.42	1.13	0.666	0.072	(0.173)	0.594
162	13.50	1.13	0.666	0.072	(0.173)	0.595
163	13.58	0.77	0.451	0.072	(0.117)	0.379
164	13.67	0.77	0.451	0.071	(0.117)	0.380
165	13.75	0.77	0.451	0.071	(0.117)	0.380
166	13.83	0.77	0.451	0.070	(0.117)	0.380
167	13.92	0.77	0.451	0.070	(0.117)	0.381
168	14.00	0.77	0.451	0.070	(0.117)	0.381
169	14.08	0.90	0.529	0.069	(0.138)	0.460
170	14.17	0.90	0.529	0.069	(0.138)	0.460
171	14.25	0.90	0.529	0.069	(0.138)	0.461
172	14.33	0.87	0.510	0.068	(0.132)	0.441
173	14.42	0.87	0.510	0.068	(0.132)	0.442
174	14.50	0.87	0.510	0.068	(0.132)	0.442
175	14.58	0.87	0.510	0.067	(0.132)	0.442
176	14.67	0.87	0.510	0.067	(0.132)	0.443
177	14.75	0.87	0.510	0.067	(0.132)	0.443
178	14.83	0.83	0.490	0.066	(0.127)	0.424
179	14.92	0.83	0.490	0.066	(0.127)	0.424
180	15.00	0.83	0.490	0.066	(0.127)	0.424
181	15.08	0.80	0.470	0.065	(0.122)	0.405

182	15.17	0.80	0.470	0.065	(0.122)	0.406
183	15.25	0.80	0.470	0.065	(0.122)	0.406
184	15.33	0.77	0.451	0.064	(0.117)	0.387
185	15.42	0.77	0.451	0.064	(0.117)	0.387
186	15.50	0.77	0.451	0.064	(0.117)	0.387
187	15.58	0.63	0.372	0.063	(0.097)	0.309
188	15.67	0.63	0.372	0.063	(0.097)	0.309
189	15.75	0.63	0.372	0.063	(0.097)	0.310
190	15.83	0.63	0.372	0.062	(0.097)	0.310
191	15.92	0.63	0.372	0.062	(0.097)	0.310
192	16.00	0.63	0.372	0.062	(0.097)	0.311
193	16.08	0.13	0.078	(0.061)	0.020	0.058
194	16.17	0.13	0.078	(0.061)	0.020	0.058
195	16.25	0.13	0.078	(0.061)	0.020	0.058
196	16.33	0.13	0.078	(0.060)	0.020	0.058
197	16.42	0.13	0.078	(0.060)	0.020	0.058
198	16.50	0.13	0.078	(0.060)	0.020	0.058
199	16.58	0.10	0.059	(0.059)	0.015	0.044
200	16.67	0.10	0.059	(0.059)	0.015	0.044
201	16.75	0.10	0.059	(0.059)	0.015	0.044
202	16.83	0.10	0.059	(0.059)	0.015	0.044
203	16.92	0.10	0.059	(0.058)	0.015	0.044
204	17.00	0.10	0.059	(0.058)	0.015	0.044
205	17.08	0.17	0.098	(0.058)	0.025	0.073
206	17.17	0.17	0.098	(0.057)	0.025	0.073
207	17.25	0.17	0.098	(0.057)	0.025	0.073
208	17.33	0.17	0.098	(0.057)	0.025	0.073
209	17.42	0.17	0.098	(0.057)	0.025	0.073
210	17.50	0.17	0.098	(0.056)	0.025	0.073
211	17.58	0.17	0.098	(0.056)	0.025	0.073
212	17.67	0.17	0.098	(0.056)	0.025	0.073
213	17.75	0.17	0.098	(0.055)	0.025	0.073
214	17.83	0.13	0.078	(0.055)	0.020	0.058
215	17.92	0.13	0.078	(0.055)	0.020	0.058
216	18.00	0.13	0.078	(0.055)	0.020	0.058
217	18.08	0.13	0.078	(0.054)	0.020	0.058
218	18.17	0.13	0.078	(0.054)	0.020	0.058
219	18.25	0.13	0.078	(0.054)	0.020	0.058
220	18.33	0.13	0.078	(0.054)	0.020	0.058
221	18.42	0.13	0.078	(0.053)	0.020	0.058
222	18.50	0.13	0.078	(0.053)	0.020	0.058
223	18.58	0.10	0.059	(0.053)	0.015	0.044
224	18.67	0.10	0.059	(0.052)	0.015	0.044
225	18.75	0.10	0.059	(0.052)	0.015	0.044
226	18.83	0.07	0.039	(0.052)	0.010	0.029
227	18.92	0.07	0.039	(0.052)	0.010	0.029
228	19.00	0.07	0.039	(0.051)	0.010	0.029
229	19.08	0.10	0.059	(0.051)	0.015	0.044
230	19.17	0.10	0.059	(0.051)	0.015	0.044
231	19.25	0.10	0.059	(0.051)	0.015	0.044
232	19.33	0.13	0.078	(0.051)	0.020	0.058
233	19.42	0.13	0.078	(0.050)	0.020	0.058
234	19.50	0.13	0.078	(0.050)	0.020	0.058
235	19.58	0.10	0.059	(0.050)	0.015	0.044
236	19.67	0.10	0.059	(0.050)	0.015	0.044
237	19.75	0.10	0.059	(0.049)	0.015	0.044
238	19.83	0.07	0.039	(0.049)	0.010	0.029
239	19.92	0.07	0.039	(0.049)	0.010	0.029
240	20.00	0.07	0.039	(0.049)	0.010	0.029
241	20.08	0.10	0.059	(0.049)	0.015	0.044
242	20.17	0.10	0.059	(0.048)	0.015	0.044
243	20.25	0.10	0.059	(0.048)	0.015	0.044
244	20.33	0.10	0.059	(0.048)	0.015	0.044
245	20.42	0.10	0.059	(0.048)	0.015	0.044
246	20.50	0.10	0.059	(0.047)	0.015	0.044
247	20.58	0.10	0.059	(0.047)	0.015	0.044
248	20.67	0.10	0.059	(0.047)	0.015	0.044
249	20.75	0.10	0.059	(0.047)	0.015	0.044
250	20.83	0.07	0.039	(0.047)	0.010	0.029
251	20.92	0.07	0.039	(0.047)	0.010	0.029
252	21.00	0.07	0.039	(0.046)	0.010	0.029

253	21.08	0.10	0.059	(0.046)	0.015	0.044
254	21.17	0.10	0.059	(0.046)	0.015	0.044
255	21.25	0.10	0.059	(0.046)	0.015	0.044
256	21.33	0.07	0.039	(0.046)	0.010	0.029
257	21.42	0.07	0.039	(0.045)	0.010	0.029
258	21.50	0.07	0.039	(0.045)	0.010	0.029
259	21.58	0.10	0.059	(0.045)	0.015	0.044
260	21.67	0.10	0.059	(0.045)	0.015	0.044
261	21.75	0.10	0.059	(0.045)	0.015	0.044
262	21.83	0.07	0.039	(0.045)	0.010	0.029
263	21.92	0.07	0.039	(0.044)	0.010	0.029
264	22.00	0.07	0.039	(0.044)	0.010	0.029
265	22.08	0.10	0.059	(0.044)	0.015	0.044
266	22.17	0.10	0.059	(0.044)	0.015	0.044
267	22.25	0.10	0.059	(0.044)	0.015	0.044
268	22.33	0.07	0.039	(0.044)	0.010	0.029
269	22.42	0.07	0.039	(0.044)	0.010	0.029
270	22.50	0.07	0.039	(0.043)	0.010	0.029
271	22.58	0.07	0.039	(0.043)	0.010	0.029
272	22.67	0.07	0.039	(0.043)	0.010	0.029
273	22.75	0.07	0.039	(0.043)	0.010	0.029
274	22.83	0.07	0.039	(0.043)	0.010	0.029
275	22.92	0.07	0.039	(0.043)	0.010	0.029
276	23.00	0.07	0.039	(0.043)	0.010	0.029
277	23.08	0.07	0.039	(0.043)	0.010	0.029
278	23.17	0.07	0.039	(0.043)	0.010	0.029
279	23.25	0.07	0.039	(0.042)	0.010	0.029
280	23.33	0.07	0.039	(0.042)	0.010	0.029
281	23.42	0.07	0.039	(0.042)	0.010	0.029
282	23.50	0.07	0.039	(0.042)	0.010	0.029
283	23.58	0.07	0.039	(0.042)	0.010	0.029
284	23.67	0.07	0.039	(0.042)	0.010	0.029
285	23.75	0.07	0.039	(0.042)	0.010	0.029
286	23.83	0.07	0.039	(0.042)	0.010	0.029
287	23.92	0.07	0.039	(0.042)	0.010	0.029
288	24.00	0.07	0.039	(0.042)	0.010	0.029

(Loss Rate Not Used)

Sum = 100.0

Sum = 46.9

Flood volume = Effective rainfall 3.91(In)
times area 0.2(Ac.)/[(In)/(Ft.)] = 0.1(Ac.Ft)
Total soil loss = 0.99(In)
Total soil loss = 0.015(Ac.Ft)
Total rainfall = 4.90(In)
Flood volume = 2551.6 Cubic Feet
Total soil loss = 650.1 Cubic Feet

Peak flow rate of this hydrograph = 0.108(CFS)

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24 - H O U R S T O R M
R u n o f f H y d r o g r a p h

Hydrograph in 5 Minute intervals ((CFS))

Time(h+m)	Volume Ac.Ft	Q(CFS)	0	2.5	5.0	7.5	10.0
0+ 5	0.0000	0.00	Q				
0+10	0.0001	0.01	Q				
0+15	0.0001	0.01	Q				
0+20	0.0001	0.01	Q				
0+25	0.0002	0.01	Q				
0+30	0.0003	0.01	Q				
0+35	0.0003	0.01	Q				
0+40	0.0004	0.01	Q				
0+45	0.0004	0.01	Q				
0+50	0.0005	0.01	Q				
0+55	0.0006	0.01	Q				
1+ 0	0.0006	0.01	Q				
1+ 5	0.0007	0.01	Q				
1+10	0.0007	0.01	Q				

1+15	0.0008	0.01	Q				
1+20	0.0008	0.01	Q				
1+25	0.0009	0.01	Q				
1+30	0.0010	0.01	Q				
1+35	0.0010	0.01	Q				
1+40	0.0011	0.01	Q				
1+45	0.0011	0.01	Q				
1+50	0.0012	0.01	Q				
1+55	0.0013	0.01	Q				
2+ 0	0.0013	0.01	Q				
2+ 5	0.0014	0.01	Q				
2+10	0.0015	0.01	QV				
2+15	0.0015	0.01	QV				
2+20	0.0016	0.01	QV				
2+25	0.0017	0.01	QV				
2+30	0.0018	0.01	QV				
2+35	0.0019	0.01	QV				
2+40	0.0019	0.01	QV				
2+45	0.0020	0.01	QV				
2+50	0.0021	0.01	QV				
2+55	0.0022	0.01	QV				
3+ 0	0.0023	0.01	QV				
3+ 5	0.0024	0.01	QV				
3+10	0.0025	0.01	QV				
3+15	0.0026	0.01	QV				
3+20	0.0027	0.01	QV				
3+25	0.0028	0.01	QV				
3+30	0.0028	0.01	QV				
3+35	0.0029	0.01	Q V				
3+40	0.0030	0.01	Q V				
3+45	0.0031	0.01	Q V				
3+50	0.0032	0.01	Q V				
3+55	0.0033	0.02	Q V				
4+ 0	0.0034	0.02	Q V				
4+ 5	0.0035	0.02	Q V				
4+10	0.0037	0.02	Q V				
4+15	0.0038	0.02	Q V				
4+20	0.0039	0.02	Q V				
4+25	0.0040	0.02	Q V				
4+30	0.0041	0.02	Q V				
4+35	0.0043	0.02	Q V				
4+40	0.0044	0.02	Q V				
4+45	0.0045	0.02	Q V				
4+50	0.0047	0.02	Q V				
4+55	0.0048	0.02	Q V				
5+ 0	0.0049	0.02	Q V				
5+ 5	0.0051	0.02	Q V				
5+10	0.0052	0.02	Q V				
5+15	0.0053	0.02	Q V				
5+20	0.0054	0.02	Q V				
5+25	0.0055	0.02	Q V				
5+30	0.0057	0.02	Q V				
5+35	0.0058	0.02	Q V				
5+40	0.0059	0.02	Q V				
5+45	0.0061	0.02	Q V				
5+50	0.0062	0.02	Q V				
5+55	0.0064	0.02	Q V				
6+ 0	0.0065	0.02	Q V				
6+ 5	0.0067	0.02	Q V				
6+10	0.0068	0.02	Q V				
6+15	0.0070	0.02	Q V				
6+20	0.0072	0.02	Q V				
6+25	0.0073	0.02	Q V				
6+30	0.0075	0.02	Q V				
6+35	0.0077	0.03	Q V				
6+40	0.0079	0.03	Q V				
6+45	0.0080	0.03	Q V				
6+50	0.0082	0.03	Q V				
6+55	0.0084	0.03	Q V				
7+ 0	0.0086	0.03	Q V				
7+ 5	0.0088	0.03	Q V				

7+10	0.0089	0.03	Q	V				
7+15	0.0091	0.03	Q	V				
7+20	0.0093	0.03	Q	V				
7+25	0.0095	0.03	Q	V				
7+30	0.0097	0.03	Q	V				
7+35	0.0099	0.03	Q	V				
7+40	0.0101	0.03	Q	V				
7+45	0.0104	0.03	Q	V				
7+50	0.0106	0.03	Q	V				
7+55	0.0108	0.03	Q	V				
8+ 0	0.0111	0.03	Q	V				
8+ 5	0.0113	0.04	Q	V				
8+10	0.0116	0.04	Q	V				
8+15	0.0119	0.04	Q	V				
8+20	0.0121	0.04	Q	V				
8+25	0.0124	0.04	Q	V				
8+30	0.0127	0.04	Q	V				
8+35	0.0130	0.04	Q	V				
8+40	0.0133	0.04	Q	V				
8+45	0.0135	0.04	Q	V				
8+50	0.0138	0.04	Q	V				
8+55	0.0142	0.04	Q	V				
9+ 0	0.0145	0.04	Q	V				
9+ 5	0.0148	0.05	Q	V				
9+10	0.0151	0.05	Q	V				
9+15	0.0155	0.05	Q	V				
9+20	0.0159	0.05	Q	V				
9+25	0.0162	0.05	Q	V				
9+30	0.0166	0.05	Q	V				
9+35	0.0170	0.06	Q	V				
9+40	0.0174	0.06	Q	V				
9+45	0.0178	0.06	Q	V				
9+50	0.0182	0.06	Q	V				
9+55	0.0186	0.06	Q	V				
10+ 0	0.0191	0.06	Q	V				
10+ 5	0.0194	0.05	Q	V				
10+10	0.0197	0.04	Q	V				
10+15	0.0200	0.04	Q	V				
10+20	0.0202	0.04	Q	V				
10+25	0.0205	0.04	Q	V				
10+30	0.0208	0.04	Q	V				
10+35	0.0211	0.05	Q	V				
10+40	0.0215	0.06	Q	V				
10+45	0.0219	0.06	Q	V				
10+50	0.0223	0.06	Q	V				
10+55	0.0226	0.06	Q	V				
11+ 0	0.0230	0.06	Q	V				
11+ 5	0.0234	0.05	Q	V				
11+10	0.0238	0.05	Q	V				
11+15	0.0241	0.05	Q	V				
11+20	0.0245	0.05	Q	V				
11+25	0.0248	0.05	Q	V				
11+30	0.0252	0.05	Q	V				
11+35	0.0255	0.05	Q	V				
11+40	0.0259	0.05	Q	V				
11+45	0.0262	0.05	Q	V				
11+50	0.0265	0.05	Q	V				
11+55	0.0269	0.05	Q	V				
12+ 0	0.0272	0.05	Q	V				
12+ 5	0.0277	0.07	Q	V				
12+10	0.0282	0.07	Q	V				
12+15	0.0287	0.07	Q	V				
12+20	0.0292	0.08	Q	V				
12+25	0.0297	0.08	Q	V				
12+30	0.0303	0.08	Q	V				
12+35	0.0309	0.08	Q	V				
12+40	0.0315	0.09	Q	V				
12+45	0.0320	0.09	Q	V				
12+50	0.0327	0.09	Q	V				
12+55	0.0333	0.09	Q	V				
13+ 0	0.0339	0.09	Q	V				

13+ 5	0.0346	0.10	Q			V		
13+10	0.0353	0.11	Q			V		
13+15	0.0361	0.11	Q			V		
13+20	0.0368	0.11	Q			V		
13+25	0.0375	0.11	Q			V		
13+30	0.0383	0.11	Q			V		
13+35	0.0389	0.08	Q			V		
13+40	0.0393	0.07	Q			V		
13+45	0.0398	0.07	Q			V		
13+50	0.0403	0.07	Q			V		
13+55	0.0408	0.07	Q			V		
14+ 0	0.0412	0.07	Q			V		
14+ 5	0.0418	0.08	Q			V		
14+10	0.0424	0.08	Q			V		
14+15	0.0429	0.08	Q			V		
14+20	0.0435	0.08	Q			V		
14+25	0.0440	0.08	Q			V		
14+30	0.0446	0.08	Q			V		
14+35	0.0451	0.08	Q			V		
14+40	0.0457	0.08	Q			V		
14+45	0.0463	0.08	Q			V		
14+50	0.0468	0.08	Q			V		
14+55	0.0473	0.08	Q			V		
15+ 0	0.0479	0.08	Q			V		
15+ 5	0.0484	0.07	Q			V		
15+10	0.0489	0.07	Q			V		
15+15	0.0494	0.07	Q			V		
15+20	0.0499	0.07	Q			V		
15+25	0.0504	0.07	Q			V		
15+30	0.0508	0.07	Q			V		
15+35	0.0513	0.06	Q			V		
15+40	0.0517	0.06	Q			V		
15+45	0.0520	0.06	Q			V		
15+50	0.0524	0.06	Q			V		
15+55	0.0528	0.06	Q			V		
16+ 0	0.0532	0.06	Q			V		
16+ 5	0.0534	0.03	Q			V		
16+10	0.0535	0.01	Q			V		
16+15	0.0535	0.01	Q			V		
16+20	0.0536	0.01	Q			V		
16+25	0.0537	0.01	Q			V		
16+30	0.0538	0.01	Q			V		
16+35	0.0538	0.01	Q			V		
16+40	0.0539	0.01	Q			V		
16+45	0.0539	0.01	Q			V		
16+50	0.0540	0.01	Q			V		
16+55	0.0540	0.01	Q			V		
17+ 0	0.0541	0.01	Q			V		
17+ 5	0.0542	0.01	Q			V		
17+10	0.0543	0.01	Q			V		
17+15	0.0544	0.01	Q			V		
17+20	0.0544	0.01	Q			V		
17+25	0.0545	0.01	Q			V		
17+30	0.0546	0.01	Q			V		
17+35	0.0547	0.01	Q			V		
17+40	0.0548	0.01	Q			V		
17+45	0.0549	0.01	Q			V		
17+50	0.0550	0.01	Q			V		
17+55	0.0550	0.01	Q			V		
18+ 0	0.0551	0.01	Q			V		
18+ 5	0.0552	0.01	Q			V		
18+10	0.0553	0.01	Q			V		
18+15	0.0553	0.01	Q			V		
18+20	0.0554	0.01	Q			V		
18+25	0.0555	0.01	Q			V		
18+30	0.0556	0.01	Q			V		
18+35	0.0556	0.01	Q			V		
18+40	0.0557	0.01	Q			V		
18+45	0.0557	0.01	Q			V		
18+50	0.0558	0.01	Q			V		
18+55	0.0558	0.01	Q			V		

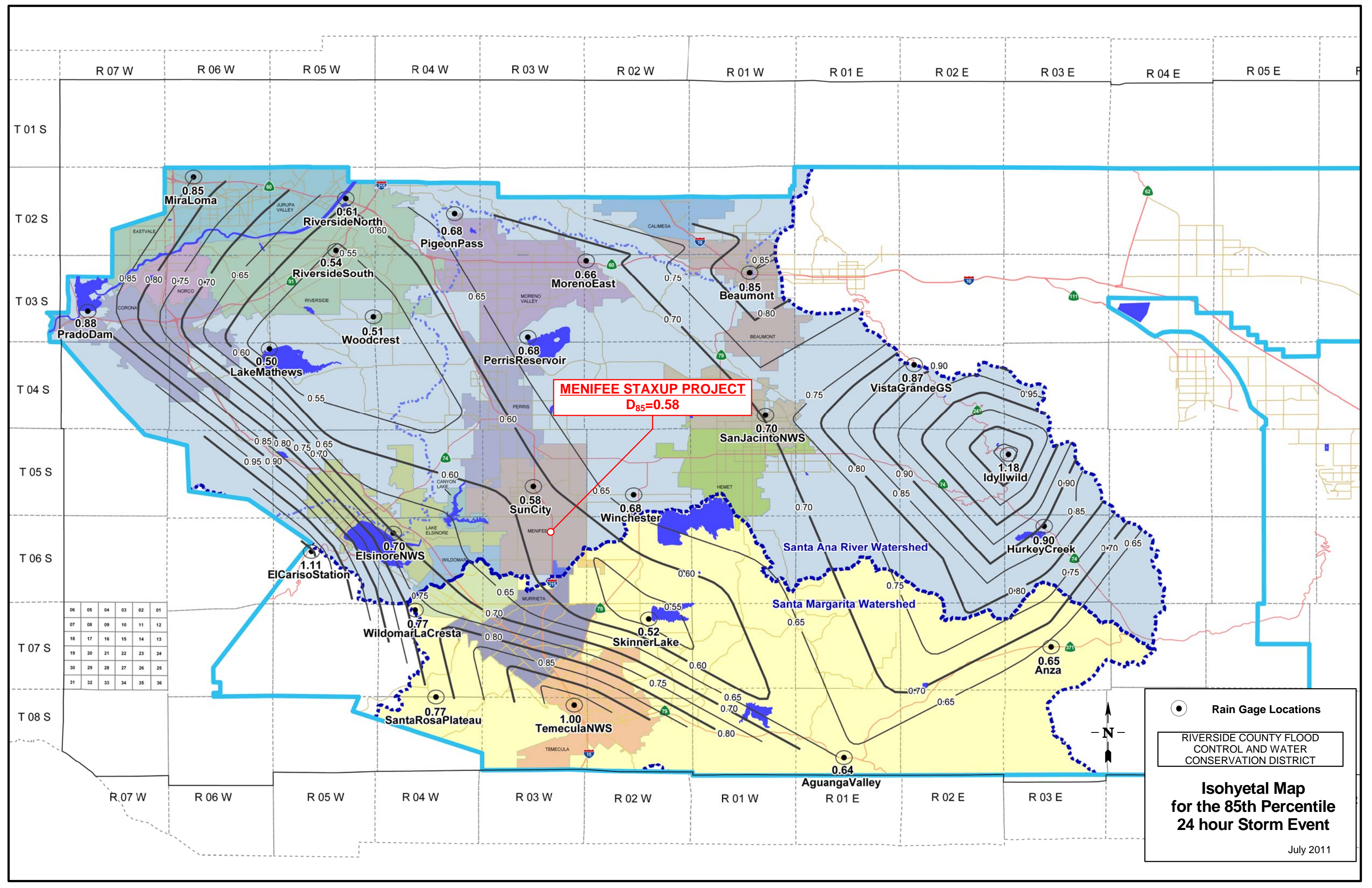
19+ 0	0.0558	0.01	Q				V
19+ 5	0.0559	0.01	Q				V
19+10	0.0559	0.01	Q				V
19+15	0.0560	0.01	Q				V
19+20	0.0561	0.01	Q				V
19+25	0.0561	0.01	Q				V
19+30	0.0562	0.01	Q				V
19+35	0.0563	0.01	Q				V
19+40	0.0563	0.01	Q				V
19+45	0.0564	0.01	Q				V
19+50	0.0564	0.01	Q				V
19+55	0.0565	0.01	Q				V
20+ 0	0.0565	0.01	Q				V
20+ 5	0.0565	0.01	Q				V
20+10	0.0566	0.01	Q				V
20+15	0.0567	0.01	Q				V
20+20	0.0567	0.01	Q				V
20+25	0.0568	0.01	Q				V
20+30	0.0568	0.01	Q				V
20+35	0.0569	0.01	Q				V
20+40	0.0569	0.01	Q				V
20+45	0.0570	0.01	Q				V
20+50	0.0570	0.01	Q				V
20+55	0.0571	0.01	Q				V
21+ 0	0.0571	0.01	Q				V
21+ 5	0.0571	0.01	Q				V
21+10	0.0572	0.01	Q				V
21+15	0.0573	0.01	Q				V
21+20	0.0573	0.01	Q				V
21+25	0.0573	0.01	Q				V
21+30	0.0574	0.01	Q				V
21+35	0.0574	0.01	Q				V
21+40	0.0575	0.01	Q				V
21+45	0.0575	0.01	Q				V
21+50	0.0576	0.01	Q				V
21+55	0.0576	0.01	Q				V
22+ 0	0.0576	0.01	Q				V
22+ 5	0.0577	0.01	Q				V
22+10	0.0577	0.01	Q				V
22+15	0.0578	0.01	Q				V
22+20	0.0578	0.01	Q				V
22+25	0.0579	0.01	Q				V
22+30	0.0579	0.01	Q				V
22+35	0.0579	0.01	Q				V
22+40	0.0580	0.01	Q				V
22+45	0.0580	0.01	Q				V
22+50	0.0581	0.01	Q				V
22+55	0.0581	0.01	Q				V
23+ 0	0.0581	0.01	Q				V
23+ 5	0.0582	0.01	Q				V
23+10	0.0582	0.01	Q				V
23+15	0.0582	0.01	Q				V
23+20	0.0583	0.01	Q				V
23+25	0.0583	0.01	Q				V
23+30	0.0583	0.01	Q				V
23+35	0.0584	0.01	Q				V
23+40	0.0584	0.01	Q				V
23+45	0.0585	0.01	Q				V
23+50	0.0585	0.01	Q				V
23+55	0.0585	0.01	Q				V
24+ 0	0.0586	0.01	Q				V
24+ 5	0.0586	0.00	Q				V
24+10	0.0586	0.00	Q				V

Basin Routing Models.....V

- Basin A & B Stage-Storage-Outflow Summary
- Santa Ana River Watershed V_{BMP} & BMP Worksheets

Basin A: Stage-Storage-Outflow									
ID	Depth	Elev.	Contour (sf)	Incremental Vol. (cf)	Cumulative Vol (cf)	Cumulative Vol. ac-ft)	Orifice Outflow (cfs) [1" dia. @ 0.16']	Overflow Weir Outflow (cfs)	Total Outflow (cfs)
1	0	1439.5	2874	0					
2	0.5	1440	3826	1675	3917	0.090	0.02	0.00	0.02
3	1	1440.5	4811	2159	6076	0.139	0.03	7.40	7.42

Basin B: Stage-Storage-Outflow									
ID	Depth	Elev.	Contour (sf)	Incremental Vol. (cf)	Cumulative Vol (cf)	Cumulative Vol. ac-ft)	Orifice Outflow (cfs) [1.5" dia. @ 0.3']	Overflow Weir Outflow (cfs)	Total Outflow (cfs)
1	0	1439.5	296	0					0.00
2	0.5	1440	720	254	485	0.011	0.03	0.00	0.03
3	1	1440.5	974	423	908	0.021	0.05	7.40	7.45



MENIFEE STAXUP PROJECT
D₈₅=0.58

06	05	04	03	02	01
07	08	09	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

● Rain Gage Locations

RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT

Isohyetal Map for the 85th Percentile 24 hour Storm Event

July 2011

Santa Ana Watershed - BMP Design Volume, V_{BMP}

(Rev. 10-2011)

Legend:

Required Entries

Calculated Cells

*(Note this worksheet shall **only** be used in conjunction with BMP designs from the **LID BMP Design Handbook**)*

Company Name **SP2** Date **10/24/2022**
 Designed by **Alex Jaramillo** Case No **WQ-0287**
 Company Project Number/Name **Menifee Staxup Storage Expansion**

BMP Identification

BMP NAME / ID **DMA "A"**

Must match Name/ID used on BMP Design Calculation Sheet

Design Rainfall Depth

85th Percentile, 24-hour Rainfall Depth, $D_{85} =$ **0.58** inches
 from the Isohyetal Map in Handbook Appendix E

Drainage Management Area Tabulation

Insert additional rows if needed to accommodate all DMAs draining to the BMP

DMA Type/ID	DMA Area (square feet)	Post-Project Surface Type	Effective Imperivous Fraction, I_f	DMA Runoff Factor	DMA Areas x Runoff Factor	Design Storm Depth (in)	Design Capture Volume, V_{BMP} (cubic feet)	Proposed Volume on Plans (cubic feet)
Imperv. Building, Streets, & Sidewalks	27365	Concrete or Asphalt	1	0.89	24409.6			
Landscaping	3217	Ornamental Landscaping	0.1	0.11	355.3			
Bio Basin	4804	Ornamental Landscaping	0.1	0.11	530.6			
	35386				25295.5	0.58	1222.6	3678

Notes:

Bioretention Facility - Design Procedure		BMP ID Basin "A"	Legend:	Required Entries
Company Name: SP2		Date: 10/24/2022		
Designed by: Alex Jaramillo		County/City Case No.: WQ-0287		
Design Volume				
Enter the area tributary to this feature			$A_T =$	0.812 acres
Enter V_{BMP} determined from Section 2.1 of this Handbook			$V_{BMP} =$	1,265 ft ³
Type of Bioretention Facility Design				
<input checked="" type="radio"/> Side slopes required (parallel to parking spaces or adjacent to walkways) <input type="radio"/> No side slopes required (perpendicular to parking space or Planter Boxes)				
Bioretention Facility Surface Area				
Depth of Soil Filter Media Layer			$d_S =$	1.5 ft
Top Width of Bioretention Facility, excluding curb			$w_T =$	10.0 ft
Total Effective Depth, d_E $d_E = (0.3) \times d_S + (0.4) \times 1 - (0.7/w_T) + 0.5$			$d_E =$	1.28 ft
Minimum Surface Area, A_m $A_M (ft^2) = \frac{V_{BMP} (ft^3)}{d_E (ft)}$			$A_M =$	989 ft ²
Proposed Surface Area			$A =$	2,874 ft ²
Bioretention Facility Properties				
Side Slopes in Bioretention Facility			$z =$	4 :1
Diameter of Underdrain				6 inches
Longitudinal Slope of Site (3% maximum)				0.5 %
6" Check Dam Spacing				0 feet
Describe Vegetation:		Natural Grasses		
Notes:				

Santa Ana Watershed - BMP Design Volume, V_{BMP}

(Rev. 10-2011)

Legend:

Required Entries

Calculated Cells

*(Note this worksheet shall **only** be used in conjunction with BMP designs from the **LID BMP Design Handbook**)*

Company Name **SP2**

Date **10/24/2022**

Designed by **Alex Jaramillo**

Case No **WQ-0287**

Company Project Number/Name

Menifee Staxup Storage Expansion

BMP Identification

BMP NAME / ID **DMA "B"**

Must match Name/ID used on BMP Design Calculation Sheet

Design Rainfall Depth

85th Percentile, 24-hour Rainfall Depth,
from the Isohyetal Map in Handbook Appendix E

$D_{85} = 0.58$ inches

Drainage Management Area Tabulation

Insert additional rows if needed to accommodate all DMAs draining to the BMP

DMA Type/ID	DMA Area (square feet)	Post-Project Surface Type	Effective Imperivous Fraction, I_f	DMA Runoff Factor	DMA Areas x Runoff Factor	Design Storm Depth (in)	Design Capture Volume, V_{BMP} (cubic feet)	Proposed Volume on Plans (cubic feet)
Proposed Buildings	5600	Roofs	1	0.89	4995.2			
Landscaping	851	Ornamental Landscaping	0.1	0.11	94			
Proposed Hardscape	700	Concrete or Asphalt	1	0.89	624.4			
Bio Basin	713	Ornamental Landscaping	0.1	0.11	78.8			
7864		Total			5792.4			

Notes:

Bioretention Facility - Design Procedure		BMP ID Basin "B"	Legend:	Required Entries
Company Name: SP2		Date: 10/24/2022		
Designed by: Alex Jaramillo		County/City Case No.: WQ-0287		
Design Volume				
Enter the area tributary to this feature			$A_T =$	0.173 acres
Enter V_{BMP} determined from Section 2.1 of this Handbook			$V_{BMP} =$	290 ft ³
Type of Bioretention Facility Design				
<input checked="" type="radio"/> Side slopes required (parallel to parking spaces or adjacent to walkways) <input type="radio"/> No side slopes required (perpendicular to parking space or Planter Boxes)				
Bioretention Facility Surface Area				
Depth of Soil Filter Media Layer			$d_S =$	1.5 ft
Top Width of Bioretention Facility, excluding curb			$w_T =$	9.0 ft
Total Effective Depth, d_E $d_E = (0.3) \times d_S + (0.4) \times 1 - (0.7/w_T) + 0.5$			$d_E =$	1.27 ft
Minimum Surface Area, A_m $A_M (ft^2) = \frac{V_{BMP} (ft^3)}{d_E (ft)}$			$A_M =$	228 ft ²
Proposed Surface Area			$A =$	296 ft ²
Bioretention Facility Properties				
Side Slopes in Bioretention Facility			$z =$	4 :1
Diameter of Underdrain				6 inches
Longitudinal Slope of Site (3% maximum)				1.5 %
6" Check Dam Spacing				25 feet
Describe Vegetation:			Natural Grasses	
Notes:				

 MENIFEE STAXUP STORAGE EXTENSION
 PRELIMINARY DRAINAGE STUDY
 BASIN A ROUTING MODEL
 2-YEAR; 1-HOUR

Program License Serial Number 6545

***** HYDROGRAPH INFORMATION *****

From study/file name: D112.rte
 *****HYDROGRAPH DATA*****
 Number of intervals = 13
 Time interval = 5.0 (Min.)
 Maximum/Peak flow rate = 1.029 (CFS)
 Total volume = 0.024 (Ac.Ft)
 Status of hydrographs being held in storage
 Stream 1 Stream 2 Stream 3 Stream 4 Stream 5
 Peak (CFS) 0.000 0.000 0.000 0.000 0.000
 Vol (Ac.Ft) 0.000 0.000 0.000 0.000 0.000

+++++
 Process from Point/Station 1.000 to Point/Station 2.000
 **** RETARDING BASIN ROUTING ****

 User entry of depth-outflow-storage data

Total number of inflow hydrograph intervals = 13
 Hydrograph time unit = 5.000 (Min.)
 Initial depth in storage basin = 0.16(Ft.)

Initial basin depth = 0.16 (Ft.)
 Initial basin storage = 0.03 (Ac.Ft)
 Initial basin outflow = 0.01 (CFS)

Depth vs. Storage and Depth vs. Discharge data:

Basin Depth (Ft.)	Storage (Ac.Ft)	Outflow (CFS)	(S-O*dt/2) (Ac.Ft)	(S+O*dt/2) (Ac.Ft)
0.000	0.000	0.000	0.000	0.000
0.500	0.090	0.020	0.090	0.090
1.000	0.139	7.420	0.113	0.165

 Hydrograph Detention Basin Routing

Graph values: 'I'= unit inflow; 'O'=outflow at time shown

Time (Hours)	Inflow (CFS)	Outflow (CFS)	Storage (Ac.Ft)	Depth (Ft.)
0.083	0.07	0.01	0.029	0.16
0.167	0.13	0.01	0.030	0.16
0.250	0.14	0.01	0.031	0.17
0.333	0.15	0.01	0.031	0.17

0.417	0.17	0.01	0.033	O	I					0.18
0.500	0.18	0.01	0.034	O	I					0.19
0.583	0.20	0.01	0.035	O	I					0.19
0.667	0.25	0.01	0.036	O	I					0.20
0.750	0.37	0.01	0.038	O		I				0.21
0.833	1.03	0.01	0.043	O					I	0.24
0.917	0.56	0.01	0.049	O				I		0.27
1.000	0.15	0.01	0.051	O	I					0.28
1.083	0.04	0.01	0.052	O	I					0.29
1.167	0.00	0.01	0.052	O						0.29
1.250	0.00	0.01	0.052	O						0.29
1.333	0.00	0.01	0.051	O						0.29
1.417	0.00	0.01	0.051	O						0.29
1.500	0.00	0.01	0.051	O						0.29
1.583	0.00	0.01	0.051	O						0.28
1.667	0.00	0.01	0.051	O						0.28
1.750	0.00	0.01	0.051	O						0.28
1.833	0.00	0.01	0.051	O						0.28
1.917	0.00	0.01	0.051	O						0.28
2.000	0.00	0.01	0.051	O						0.28
2.083	0.00	0.01	0.051	O						0.28
2.167	0.00	0.01	0.051	O						0.28
2.250	0.00	0.01	0.051	O						0.28
2.333	0.00	0.01	0.051	O						0.28
2.417	0.00	0.01	0.050	O						0.28
2.500	0.00	0.01	0.050	O						0.28
2.583	0.00	0.01	0.050	O						0.28
2.667	0.00	0.01	0.050	O						0.28
2.750	0.00	0.01	0.050	O						0.28
2.833	0.00	0.01	0.050	O						0.28
2.917	0.00	0.01	0.050	O						0.28
3.000	0.00	0.01	0.050	O						0.28
3.083	0.00	0.01	0.050	O						0.28
3.167	0.00	0.01	0.050	O						0.28
3.250	0.00	0.01	0.050	O						0.28
3.333	0.00	0.01	0.050	O						0.28
3.417	0.00	0.01	0.050	O						0.28
3.500	0.00	0.01	0.049	O						0.27
3.583	0.00	0.01	0.049	O						0.27
3.667	0.00	0.01	0.049	O						0.27
3.750	0.00	0.01	0.049	O						0.27
3.833	0.00	0.01	0.049	O						0.27
3.917	0.00	0.01	0.049	O						0.27
4.000	0.00	0.01	0.049	O						0.27
4.083	0.00	0.01	0.049	O						0.27
4.167	0.00	0.01	0.049	O						0.27
4.250	0.00	0.01	0.049	O						0.27
4.333	0.00	0.01	0.049	O						0.27
4.417	0.00	0.01	0.049	O						0.27
4.500	0.00	0.01	0.049	O						0.27
4.583	0.00	0.01	0.049	O						0.27
4.667	0.00	0.01	0.048	O						0.27
4.750	0.00	0.01	0.048	O						0.27
4.833	0.00	0.01	0.048	O						0.27
4.917	0.00	0.01	0.048	O						0.27
5.000	0.00	0.01	0.048	O						0.27
5.083	0.00	0.01	0.048	O						0.27
5.167	0.00	0.01	0.048	O						0.27
5.250	0.00	0.01	0.048	O						0.27
5.333	0.00	0.01	0.048	O						0.27
5.417	0.00	0.01	0.048	O						0.27
5.500	0.00	0.01	0.048	O						0.26
5.583	0.00	0.01	0.048	O						0.26
5.667	0.00	0.01	0.048	O						0.26
5.750	0.00	0.01	0.047	O						0.26
5.833	0.00	0.01	0.047	O						0.26
5.917	0.00	0.01	0.047	O						0.26
6.000	0.00	0.01	0.047	O						0.26
6.083	0.00	0.01	0.047	O						0.26
6.167	0.00	0.01	0.047	O						0.26
6.250	0.00	0.01	0.047	O						0.26

6.333	0.00	0.01	0.047	0					0.26
6.417	0.00	0.01	0.047	0					0.26
6.500	0.00	0.01	0.047	0					0.26
6.583	0.00	0.01	0.047	0					0.26
6.667	0.00	0.01	0.047	0					0.26
6.750	0.00	0.01	0.047	0					0.26
6.833	0.00	0.01	0.047	0					0.26
6.917	0.00	0.01	0.046	0					0.26
7.000	0.00	0.01	0.046	0					0.26
7.083	0.00	0.01	0.046	0					0.26
7.167	0.00	0.01	0.046	0					0.26
7.250	0.00	0.01	0.046	0					0.26
7.333	0.00	0.01	0.046	0					0.26
7.417	0.00	0.01	0.046	0					0.26
7.500	0.00	0.01	0.046	0					0.26
7.583	0.00	0.01	0.046	0					0.26
7.667	0.00	0.01	0.046	0					0.25
7.750	0.00	0.01	0.046	0					0.25
7.833	0.00	0.01	0.046	0					0.25
7.917	0.00	0.01	0.046	0					0.25
8.000	0.00	0.01	0.046	0					0.25
8.083	0.00	0.01	0.045	0					0.25
8.167	0.00	0.01	0.045	0					0.25
8.250	0.00	0.01	0.045	0					0.25
8.333	0.00	0.01	0.045	0					0.25
8.417	0.00	0.01	0.045	0					0.25
8.500	0.00	0.01	0.045	0					0.25
8.583	0.00	0.01	0.045	0					0.25
8.667	0.00	0.01	0.045	0					0.25
8.750	0.00	0.01	0.045	0					0.25
8.833	0.00	0.01	0.045	0					0.25
8.917	0.00	0.01	0.045	0					0.25
9.000	0.00	0.01	0.045	0					0.25
9.083	0.00	0.01	0.045	0					0.25
9.167	0.00	0.01	0.045	0					0.25
9.250	0.00	0.01	0.045	0					0.25
9.333	0.00	0.01	0.044	0					0.25
9.417	0.00	0.01	0.044	0					0.25
9.500	0.00	0.01	0.044	0					0.25
9.583	0.00	0.01	0.044	0					0.25
9.667	0.00	0.01	0.044	0					0.25
9.750	0.00	0.01	0.044	0					0.25
9.833	0.00	0.01	0.044	0					0.24
9.917	0.00	0.01	0.044	0					0.24
10.000	0.00	0.01	0.044	0					0.24
10.083	0.00	0.01	0.044	0					0.24
10.167	0.00	0.01	0.044	0					0.24
10.250	0.00	0.01	0.044	0					0.24
10.333	0.00	0.01	0.044	0					0.24
10.417	0.00	0.01	0.044	0					0.24
10.500	0.00	0.01	0.044	0					0.24
10.583	0.00	0.01	0.043	0					0.24
10.667	0.00	0.01	0.043	0					0.24
10.750	0.00	0.01	0.043	0					0.24
10.833	0.00	0.01	0.043	0					0.24
10.917	0.00	0.01	0.043	0					0.24
11.000	0.00	0.01	0.043	0					0.24
11.083	0.00	0.01	0.043	0					0.24
11.167	0.00	0.01	0.043	0					0.24
11.250	0.00	0.01	0.043	0					0.24
11.333	0.00	0.01	0.043	0					0.24
11.417	0.00	0.01	0.043	0					0.24
11.500	0.00	0.01	0.043	0					0.24
11.583	0.00	0.01	0.043	0					0.24
11.667	0.00	0.01	0.043	0					0.24
11.750	0.00	0.01	0.043	0					0.24
11.833	0.00	0.01	0.042	0					0.24
11.917	0.00	0.01	0.042	0					0.24
12.000	0.00	0.01	0.042	0					0.24
12.083	0.00	0.01	0.042	0					0.23
12.167	0.00	0.01	0.042	0					0.23

12.250	0.00	0.01	0.042	0				0.23
12.333	0.00	0.01	0.042	0				0.23
12.417	0.00	0.01	0.042	0				0.23
12.500	0.00	0.01	0.042	0				0.23
12.583	0.00	0.01	0.042	0				0.23
12.667	0.00	0.01	0.042	0				0.23
12.750	0.00	0.01	0.042	0				0.23
12.833	0.00	0.01	0.042	0				0.23
12.917	0.00	0.01	0.042	0				0.23
13.000	0.00	0.01	0.042	0				0.23
13.083	0.00	0.01	0.041	0				0.23
13.167	0.00	0.01	0.041	0				0.23
13.250	0.00	0.01	0.041	0				0.23
13.333	0.00	0.01	0.041	0				0.23
13.417	0.00	0.01	0.041	0				0.23
13.500	0.00	0.01	0.041	0				0.23
13.583	0.00	0.01	0.041	0				0.23
13.667	0.00	0.01	0.041	0				0.23
13.750	0.00	0.01	0.041	0				0.23
13.833	0.00	0.01	0.041	0				0.23
13.917	0.00	0.01	0.041	0				0.23
14.000	0.00	0.01	0.041	0				0.23
14.083	0.00	0.01	0.041	0				0.23
14.167	0.00	0.01	0.041	0				0.23
14.250	0.00	0.01	0.041	0				0.23
14.333	0.00	0.01	0.041	0				0.23
14.417	0.00	0.01	0.040	0				0.22
14.500	0.00	0.01	0.040	0				0.22
14.583	0.00	0.01	0.040	0				0.22
14.667	0.00	0.01	0.040	0				0.22
14.750	0.00	0.01	0.040	0				0.22
14.833	0.00	0.01	0.040	0				0.22
14.917	0.00	0.01	0.040	0				0.22
15.000	0.00	0.01	0.040	0				0.22
15.083	0.00	0.01	0.040	0				0.22
15.167	0.00	0.01	0.040	0				0.22
15.250	0.00	0.01	0.040	0				0.22
15.333	0.00	0.01	0.040	0				0.22
15.417	0.00	0.01	0.040	0				0.22
15.500	0.00	0.01	0.040	0				0.22
15.583	0.00	0.01	0.040	0				0.22
15.667	0.00	0.01	0.040	0				0.22
15.750	0.00	0.01	0.040	0				0.22
15.833	0.00	0.01	0.039	0				0.22
15.917	0.00	0.01	0.039	0				0.22
16.000	0.00	0.01	0.039	0				0.22
16.083	0.00	0.01	0.039	0				0.22
16.167	0.00	0.01	0.039	0				0.22
16.250	0.00	0.01	0.039	0				0.22
16.333	0.00	0.01	0.039	0				0.22
16.417	0.00	0.01	0.039	0				0.22
16.500	0.00	0.01	0.039	0				0.22
16.583	0.00	0.01	0.039	0				0.22
16.667	0.00	0.01	0.039	0				0.22
16.750	0.00	0.01	0.039	0				0.22
16.833	0.00	0.01	0.039	0				0.22
16.917	0.00	0.01	0.039	0				0.21
17.000	0.00	0.01	0.039	0				0.21
17.083	0.00	0.01	0.039	0				0.21
17.167	0.00	0.01	0.038	0				0.21
17.250	0.00	0.01	0.038	0				0.21
17.333	0.00	0.01	0.038	0				0.21
17.417	0.00	0.01	0.038	0				0.21
17.500	0.00	0.01	0.038	0				0.21
17.583	0.00	0.01	0.038	0				0.21
17.667	0.00	0.01	0.038	0				0.21
17.750	0.00	0.01	0.038	0				0.21
17.833	0.00	0.01	0.038	0				0.21
17.917	0.00	0.01	0.038	0				0.21
18.000	0.00	0.01	0.038	0				0.21
18.083	0.00	0.01	0.038	0				0.21

18.167	0.00	0.01	0.038	0				0.21
18.250	0.00	0.01	0.038	0				0.21
18.333	0.00	0.01	0.038	0				0.21
18.417	0.00	0.01	0.038	0				0.21
18.500	0.00	0.01	0.038	0				0.21
18.583	0.00	0.01	0.038	0				0.21
18.667	0.00	0.01	0.037	0				0.21
18.750	0.00	0.01	0.037	0				0.21
18.833	0.00	0.01	0.037	0				0.21
18.917	0.00	0.01	0.037	0				0.21
19.000	0.00	0.01	0.037	0				0.21
19.083	0.00	0.01	0.037	0				0.21
19.167	0.00	0.01	0.037	0				0.21
19.250	0.00	0.01	0.037	0				0.21
19.333	0.00	0.01	0.037	0				0.21
19.417	0.00	0.01	0.037	0				0.21
19.500	0.00	0.01	0.037	0				0.20
19.583	0.00	0.01	0.037	0				0.20
19.667	0.00	0.01	0.037	0				0.20
19.750	0.00	0.01	0.037	0				0.20
19.833	0.00	0.01	0.037	0				0.20
19.917	0.00	0.01	0.037	0				0.20
20.000	0.00	0.01	0.037	0				0.20
20.083	0.00	0.01	0.036	0				0.20
20.167	0.00	0.01	0.036	0				0.20
20.250	0.00	0.01	0.036	0				0.20
20.333	0.00	0.01	0.036	0				0.20
20.417	0.00	0.01	0.036	0				0.20
20.500	0.00	0.01	0.036	0				0.20
20.583	0.00	0.01	0.036	0				0.20
20.667	0.00	0.01	0.036	0				0.20
20.750	0.00	0.01	0.036	0				0.20
20.833	0.00	0.01	0.036	0				0.20
20.917	0.00	0.01	0.036	0				0.20
21.000	0.00	0.01	0.036	0				0.20
21.083	0.00	0.01	0.036	0				0.20
21.167	0.00	0.01	0.036	0				0.20
21.250	0.00	0.01	0.036	0				0.20
21.333	0.00	0.01	0.036	0				0.20
21.417	0.00	0.01	0.036	0				0.20
21.500	0.00	0.01	0.036	0				0.20
21.583	0.00	0.01	0.035	0				0.20
21.667	0.00	0.01	0.035	0				0.20
21.750	0.00	0.01	0.035	0				0.20
21.833	0.00	0.01	0.035	0				0.20
21.917	0.00	0.01	0.035	0				0.20
22.000	0.00	0.01	0.035	0				0.20
22.083	0.00	0.01	0.035	0				0.20
22.167	0.00	0.01	0.035	0				0.20
22.250	0.00	0.01	0.035	0				0.19
22.333	0.00	0.01	0.035	0				0.19
22.417	0.00	0.01	0.035	0				0.19
22.500	0.00	0.01	0.035	0				0.19
22.583	0.00	0.01	0.035	0				0.19
22.667	0.00	0.01	0.035	0				0.19
22.750	0.00	0.01	0.035	0				0.19
22.833	0.00	0.01	0.035	0				0.19
22.917	0.00	0.01	0.035	0				0.19
23.000	0.00	0.01	0.035	0				0.19
23.083	0.00	0.01	0.035	0				0.19
23.167	0.00	0.01	0.034	0				0.19
23.250	0.00	0.01	0.034	0				0.19
23.333	0.00	0.01	0.034	0				0.19
23.417	0.00	0.01	0.034	0				0.19
23.500	0.00	0.01	0.034	0				0.19
23.583	0.00	0.01	0.034	0				0.19
23.667	0.00	0.01	0.034	0				0.19
23.750	0.00	0.01	0.034	0				0.19
23.833	0.00	0.01	0.034	0				0.19
23.917	0.00	0.01	0.034	0				0.19
24.000	0.00	0.01	0.034	0				0.19

24.083	0.00	0.01	0.034	0				0.19
24.167	0.00	0.01	0.034	0				0.19
24.250	0.00	0.01	0.034	0				0.19
24.333	0.00	0.01	0.034	0				0.19
24.417	0.00	0.01	0.034	0				0.19
24.500	0.00	0.01	0.034	0				0.19
24.583	0.00	0.01	0.034	0				0.19
24.667	0.00	0.01	0.034	0				0.19
24.750	0.00	0.01	0.033	0				0.19
24.833	0.00	0.01	0.033	0				0.19
24.917	0.00	0.01	0.033	0				0.19
25.000	0.00	0.01	0.033	0				0.19
25.083	0.00	0.01	0.033	0				0.18
25.167	0.00	0.01	0.033	0				0.18
25.250	0.00	0.01	0.033	0				0.18
25.333	0.00	0.01	0.033	0				0.18
25.417	0.00	0.01	0.033	0				0.18
25.500	0.00	0.01	0.033	0				0.18
25.583	0.00	0.01	0.033	0				0.18
25.667	0.00	0.01	0.033	0				0.18
25.750	0.00	0.01	0.033	0				0.18
25.833	0.00	0.01	0.033	0				0.18
25.917	0.00	0.01	0.033	0				0.18
26.000	0.00	0.01	0.033	0				0.18
26.083	0.00	0.01	0.033	0				0.18
26.167	0.00	0.01	0.033	0				0.18
26.250	0.00	0.01	0.033	0				0.18
26.333	0.00	0.01	0.033	0				0.18
26.417	0.00	0.01	0.032	0				0.18
26.500	0.00	0.01	0.032	0				0.18
26.583	0.00	0.01	0.032	0				0.18
26.667	0.00	0.01	0.032	0				0.18
26.750	0.00	0.01	0.032	0				0.18
26.833	0.00	0.01	0.032	0				0.18
26.917	0.00	0.01	0.032	0				0.18
27.000	0.00	0.01	0.032	0				0.18
27.083	0.00	0.01	0.032	0				0.18
27.167	0.00	0.01	0.032	0				0.18
27.250	0.00	0.01	0.032	0				0.18
27.333	0.00	0.01	0.032	0				0.18
27.417	0.00	0.01	0.032	0				0.18
27.500	0.00	0.01	0.032	0				0.18
27.583	0.00	0.01	0.032	0				0.18
27.667	0.00	0.01	0.032	0				0.18
27.750	0.00	0.01	0.032	0				0.18
27.833	0.00	0.01	0.032	0				0.18
27.917	0.00	0.01	0.032	0				0.18
28.000	0.00	0.01	0.032	0				0.18
28.083	0.00	0.01	0.032	0				0.18
28.167	0.00	0.01	0.031	0				0.17
28.250	0.00	0.01	0.031	0				0.17
28.333	0.00	0.01	0.031	0				0.17
28.417	0.00	0.01	0.031	0				0.17
28.500	0.00	0.01	0.031	0				0.17
28.583	0.00	0.01	0.031	0				0.17
28.667	0.00	0.01	0.031	0				0.17
28.750	0.00	0.01	0.031	0				0.17
28.833	0.00	0.01	0.031	0				0.17
28.917	0.00	0.01	0.031	0				0.17
29.000	0.00	0.01	0.031	0				0.17
29.083	0.00	0.01	0.031	0				0.17
29.167	0.00	0.01	0.031	0				0.17
29.250	0.00	0.01	0.031	0				0.17
29.333	0.00	0.01	0.031	0				0.17
29.417	0.00	0.01	0.031	0				0.17
29.500	0.00	0.01	0.031	0				0.17
29.583	0.00	0.01	0.031	0				0.17
29.667	0.00	0.01	0.031	0				0.17
29.750	0.00	0.01	0.031	0				0.17
29.833	0.00	0.01	0.031	0				0.17
29.917	0.00	0.01	0.030	0				0.17

30.000	0.00	0.01	0.030	0				0.17
30.083	0.00	0.01	0.030	0				0.17
30.167	0.00	0.01	0.030	0				0.17
30.250	0.00	0.01	0.030	0				0.17
30.333	0.00	0.01	0.030	0				0.17
30.417	0.00	0.01	0.030	0				0.17
30.500	0.00	0.01	0.030	0				0.17
30.583	0.00	0.01	0.030	0				0.17
30.667	0.00	0.01	0.030	0				0.17
30.750	0.00	0.01	0.030	0				0.17
30.833	0.00	0.01	0.030	0				0.17
30.917	0.00	0.01	0.030	0				0.17
31.000	0.00	0.01	0.030	0				0.17
31.083	0.00	0.01	0.030	0				0.17
31.167	0.00	0.01	0.030	0				0.17
31.250	0.00	0.01	0.030	0				0.17
31.333	0.00	0.01	0.030	0				0.16
31.417	0.00	0.01	0.030	0				0.16
31.500	0.00	0.01	0.030	0				0.16
31.583	0.00	0.01	0.030	0				0.16
31.667	0.00	0.01	0.029	0				0.16
31.750	0.00	0.01	0.029	0				0.16
31.833	0.00	0.01	0.029	0				0.16
31.917	0.00	0.01	0.029	0				0.16
32.000	0.00	0.01	0.029	0				0.16
32.083	0.00	0.01	0.029	0				0.16
32.167	0.00	0.01	0.029	0				0.16
32.250	0.00	0.01	0.029	0				0.16
32.333	0.00	0.01	0.029	0				0.16
32.417	0.00	0.01	0.029	0				0.16
32.500	0.00	0.01	0.029	0				0.16
32.583	0.00	0.01	0.029	0				0.16
32.667	0.00	0.01	0.029	0				0.16
32.750	0.00	0.01	0.029	0				0.16
32.833	0.00	0.01	0.029	0				0.16
32.917	0.00	0.01	0.029	0				0.16
33.000	0.00	0.01	0.029	0				0.16
33.083	0.00	0.01	0.029	0				0.16
33.167	0.00	0.01	0.029	0				0.16
33.250	0.00	0.01	0.029	0				0.16
33.333	0.00	0.01	0.029	0				0.16
33.417	0.00	0.01	0.029	0				0.16
33.500	0.00	0.01	0.029	0				0.16
33.583	0.00	0.01	0.028	0				0.16
33.667	0.00	0.01	0.028	0				0.16
33.750	0.00	0.01	0.028	0				0.16
33.833	0.00	0.01	0.028	0				0.16
33.917	0.00	0.01	0.028	0				0.16
34.000	0.00	0.01	0.028	0				0.16
34.083	0.00	0.01	0.028	0				0.16
34.167	0.00	0.01	0.028	0				0.16
34.250	0.00	0.01	0.028	0				0.16
34.333	0.00	0.01	0.028	0				0.16
34.417	0.00	0.01	0.028	0				0.16
34.500	0.00	0.01	0.028	0				0.16
34.583	0.00	0.01	0.028	0				0.16
34.667	0.00	0.01	0.028	0				0.16
34.750	0.00	0.01	0.028	0				0.15
34.833	0.00	0.01	0.028	0				0.15
34.917	0.00	0.01	0.028	0				0.15
35.000	0.00	0.01	0.028	0				0.15
35.083	0.00	0.01	0.028	0				0.15
35.167	0.00	0.01	0.028	0				0.15
35.250	0.00	0.01	0.028	0				0.15
35.333	0.00	0.01	0.028	0				0.15
35.417	0.00	0.01	0.028	0				0.15
35.500	0.00	0.01	0.027	0				0.15
35.583	0.00	0.01	0.027	0				0.15
35.667	0.00	0.01	0.027	0				0.15
35.750	0.00	0.01	0.027	0				0.15
35.833	0.00	0.01	0.027	0				0.15

35.917	0.00	0.01	0.027	0				0.15
36.000	0.00	0.01	0.027	0				0.15
36.083	0.00	0.01	0.027	0				0.15
36.167	0.00	0.01	0.027	0				0.15
36.250	0.00	0.01	0.027	0				0.15
36.333	0.00	0.01	0.027	0				0.15
36.417	0.00	0.01	0.027	0				0.15
36.500	0.00	0.01	0.027	0				0.15
36.583	0.00	0.01	0.027	0				0.15
36.667	0.00	0.01	0.027	0				0.15
36.750	0.00	0.01	0.027	0				0.15
36.833	0.00	0.01	0.027	0				0.15
36.917	0.00	0.01	0.027	0				0.15
37.000	0.00	0.01	0.027	0				0.15
37.083	0.00	0.01	0.027	0				0.15
37.167	0.00	0.01	0.027	0				0.15
37.250	0.00	0.01	0.027	0				0.15
37.333	0.00	0.01	0.027	0				0.15
37.417	0.00	0.01	0.027	0				0.15
37.500	0.00	0.01	0.026	0				0.15
37.583	0.00	0.01	0.026	0				0.15
37.667	0.00	0.01	0.026	0				0.15
37.750	0.00	0.01	0.026	0				0.15
37.833	0.00	0.01	0.026	0				0.15
37.917	0.00	0.01	0.026	0				0.15
38.000	0.00	0.01	0.026	0				0.15
38.083	0.00	0.01	0.026	0				0.15
38.167	0.00	0.01	0.026	0				0.15
38.250	0.00	0.01	0.026	0				0.15
38.333	0.00	0.01	0.026	0				0.14
38.417	0.00	0.01	0.026	0				0.14
38.500	0.00	0.01	0.026	0				0.14
38.583	0.00	0.01	0.026	0				0.14
38.667	0.00	0.01	0.026	0				0.14
38.750	0.00	0.01	0.026	0				0.14
38.833	0.00	0.01	0.026	0				0.14
38.917	0.00	0.01	0.026	0				0.14
39.000	0.00	0.01	0.026	0				0.14
39.083	0.00	0.01	0.026	0				0.14
39.167	0.00	0.01	0.026	0				0.14
39.250	0.00	0.01	0.026	0				0.14
39.333	0.00	0.01	0.026	0				0.14
39.417	0.00	0.01	0.026	0				0.14
39.500	0.00	0.01	0.026	0				0.14
39.583	0.00	0.01	0.026	0				0.14
39.667	0.00	0.01	0.025	0				0.14
39.750	0.00	0.01	0.025	0				0.14
39.833	0.00	0.01	0.025	0				0.14
39.917	0.00	0.01	0.025	0				0.14
40.000	0.00	0.01	0.025	0				0.14
40.083	0.00	0.01	0.025	0				0.14
40.167	0.00	0.01	0.025	0				0.14
40.250	0.00	0.01	0.025	0				0.14
40.333	0.00	0.01	0.025	0				0.14
40.417	0.00	0.01	0.025	0				0.14
40.500	0.00	0.01	0.025	0				0.14
40.583	0.00	0.01	0.025	0				0.14
40.667	0.00	0.01	0.025	0				0.14
40.750	0.00	0.01	0.025	0				0.14
40.833	0.00	0.01	0.025	0				0.14
40.917	0.00	0.01	0.025	0				0.14
41.000	0.00	0.01	0.025	0				0.14
41.083	0.00	0.01	0.025	0				0.14
41.167	0.00	0.01	0.025	0				0.14
41.250	0.00	0.01	0.025	0				0.14
41.333	0.00	0.01	0.025	0				0.14
41.417	0.00	0.01	0.025	0				0.14
41.500	0.00	0.01	0.025	0				0.14
41.583	0.00	0.01	0.025	0				0.14
41.667	0.00	0.01	0.025	0				0.14
41.750	0.00	0.01	0.025	0				0.14

41.833	0.00	0.01	0.024	0				0.14
41.917	0.00	0.01	0.024	0				0.14
42.000	0.00	0.01	0.024	0				0.14
42.083	0.00	0.01	0.024	0				0.14
42.167	0.00	0.01	0.024	0				0.14
42.250	0.00	0.01	0.024	0				0.13
42.333	0.00	0.01	0.024	0				0.13
42.417	0.00	0.01	0.024	0				0.13
42.500	0.00	0.01	0.024	0				0.13
42.583	0.00	0.01	0.024	0				0.13
42.667	0.00	0.01	0.024	0				0.13
42.750	0.00	0.01	0.024	0				0.13
42.833	0.00	0.01	0.024	0				0.13
42.917	0.00	0.01	0.024	0				0.13
43.000	0.00	0.01	0.024	0				0.13
43.083	0.00	0.01	0.024	0				0.13
43.167	0.00	0.01	0.024	0				0.13
43.250	0.00	0.01	0.024	0				0.13
43.333	0.00	0.01	0.024	0				0.13
43.417	0.00	0.01	0.024	0				0.13
43.500	0.00	0.01	0.024	0				0.13
43.583	0.00	0.01	0.024	0				0.13
43.667	0.00	0.01	0.024	0				0.13
43.750	0.00	0.01	0.024	0				0.13
43.833	0.00	0.01	0.024	0				0.13
43.917	0.00	0.01	0.024	0				0.13
44.000	0.00	0.01	0.024	0				0.13
44.083	0.00	0.01	0.023	0				0.13
44.167	0.00	0.01	0.023	0				0.13
44.250	0.00	0.01	0.023	0				0.13
44.333	0.00	0.01	0.023	0				0.13
44.417	0.00	0.01	0.023	0				0.13
44.500	0.00	0.01	0.023	0				0.13
44.583	0.00	0.01	0.023	0				0.13
44.667	0.00	0.01	0.023	0				0.13
44.750	0.00	0.01	0.023	0				0.13
44.833	0.00	0.01	0.023	0				0.13
44.917	0.00	0.01	0.023	0				0.13
45.000	0.00	0.01	0.023	0				0.13
45.083	0.00	0.01	0.023	0				0.13
45.167	0.00	0.01	0.023	0				0.13
45.250	0.00	0.01	0.023	0				0.13
45.333	0.00	0.01	0.023	0				0.13
45.417	0.00	0.01	0.023	0				0.13
45.500	0.00	0.01	0.023	0				0.13
45.583	0.00	0.01	0.023	0				0.13
45.667	0.00	0.01	0.023	0				0.13
45.750	0.00	0.01	0.023	0				0.13
45.833	0.00	0.01	0.023	0				0.13
45.917	0.00	0.01	0.023	0				0.13
46.000	0.00	0.01	0.023	0				0.13
46.083	0.00	0.01	0.023	0				0.13
46.167	0.00	0.01	0.023	0				0.13
46.250	0.00	0.01	0.023	0				0.13
46.333	0.00	0.01	0.023	0				0.13
46.417	0.00	0.00	0.022	0				0.12
46.500	0.00	0.00	0.022	0				0.12
46.583	0.00	0.00	0.022	0				0.12
46.667	0.00	0.00	0.022	0				0.12
46.750	0.00	0.00	0.022	0				0.12
46.833	0.00	0.00	0.022	0				0.12
46.917	0.00	0.00	0.022	0				0.12
47.000	0.00	0.00	0.022	0				0.12
47.083	0.00	0.00	0.022	0				0.12
47.167	0.00	0.00	0.022	0				0.12
47.250	0.00	0.00	0.022	0				0.12
47.333	0.00	0.00	0.022	0				0.12
47.417	0.00	0.00	0.022	0				0.12
47.500	0.00	0.00	0.022	0				0.12
47.583	0.00	0.00	0.022	0				0.12
47.667	0.00	0.00	0.022	0				0.12

47.750	0.00	0.00	0.022	0				0.12
47.833	0.00	0.00	0.022	0				0.12
47.917	0.00	0.00	0.022	0				0.12
48.000	0.00	0.00	0.022	0				0.12
48.083	0.00	0.00	0.022	0				0.12
48.167	0.00	0.00	0.022	0				0.12
48.250	0.00	0.00	0.022	0				0.12
48.333	0.00	0.00	0.022	0				0.12
48.417	0.00	0.00	0.022	0				0.12
48.500	0.00	0.00	0.022	0				0.12
48.583	0.00	0.00	0.022	0				0.12
48.667	0.00	0.00	0.022	0				0.12
48.750	0.00	0.00	0.022	0				0.12
48.833	0.00	0.00	0.022	0				0.12
48.917	0.00	0.00	0.021	0				0.12
49.000	0.00	0.00	0.021	0				0.12
49.083	0.00	0.00	0.021	0				0.12
49.167	0.00	0.00	0.021	0				0.12
49.250	0.00	0.00	0.021	0				0.12
49.333	0.00	0.00	0.021	0				0.12
49.417	0.00	0.00	0.021	0				0.12
49.500	0.00	0.00	0.021	0				0.12
49.583	0.00	0.00	0.021	0				0.12
49.667	0.00	0.00	0.021	0				0.12
49.750	0.00	0.00	0.021	0				0.12
49.833	0.00	0.00	0.021	0				0.12
49.917	0.00	0.00	0.021	0				0.12
50.000	0.00	0.00	0.021	0				0.12
50.083	0.00	0.00	0.021	0				0.12
50.167	0.00	0.00	0.021	0				0.12
50.250	0.00	0.00	0.021	0				0.12
50.333	0.00	0.00	0.021	0				0.12
50.417	0.00	0.00	0.021	0				0.12
50.500	0.00	0.00	0.021	0				0.12
50.583	0.00	0.00	0.021	0				0.12
50.667	0.00	0.00	0.021	0				0.12
50.750	0.00	0.00	0.021	0				0.12
50.833	0.00	0.00	0.021	0				0.12
50.917	0.00	0.00	0.021	0				0.12
51.000	0.00	0.00	0.021	0				0.11
51.083	0.00	0.00	0.021	0				0.11
51.167	0.00	0.00	0.021	0				0.11
51.250	0.00	0.00	0.021	0				0.11
51.333	0.00	0.00	0.021	0				0.11
51.417	0.00	0.00	0.021	0				0.11
51.500	0.00	0.00	0.020	0				0.11
51.583	0.00	0.00	0.020	0				0.11
51.667	0.00	0.00	0.020	0				0.11
51.750	0.00	0.00	0.020	0				0.11
51.833	0.00	0.00	0.020	0				0.11
51.917	0.00	0.00	0.020	0				0.11
52.000	0.00	0.00	0.020	0				0.11
52.083	0.00	0.00	0.020	0				0.11
52.167	0.00	0.00	0.020	0				0.11
52.250	0.00	0.00	0.020	0				0.11
52.333	0.00	0.00	0.020	0				0.11
52.417	0.00	0.00	0.020	0				0.11
52.500	0.00	0.00	0.020	0				0.11
52.583	0.00	0.00	0.020	0				0.11
52.667	0.00	0.00	0.020	0				0.11
52.750	0.00	0.00	0.020	0				0.11
52.833	0.00	0.00	0.020	0				0.11
52.917	0.00	0.00	0.020	0				0.11
53.000	0.00	0.00	0.020	0				0.11
53.083	0.00	0.00	0.020	0				0.11
53.167	0.00	0.00	0.020	0				0.11
53.250	0.00	0.00	0.020	0				0.11
53.333	0.00	0.00	0.020	0				0.11
53.417	0.00	0.00	0.020	0				0.11
53.500	0.00	0.00	0.020	0				0.11
53.583	0.00	0.00	0.020	0				0.11

53.667	0.00	0.00	0.020	0				0.11
53.750	0.00	0.00	0.020	0				0.11
53.833	0.00	0.00	0.020	0				0.11
53.917	0.00	0.00	0.020	0				0.11
54.000	0.00	0.00	0.020	0				0.11
54.083	0.00	0.00	0.020	0				0.11
54.167	0.00	0.00	0.020	0				0.11
54.250	0.00	0.00	0.019	0				0.11
54.333	0.00	0.00	0.019	0				0.11
54.417	0.00	0.00	0.019	0				0.11
54.500	0.00	0.00	0.019	0				0.11
54.583	0.00	0.00	0.019	0				0.11
54.667	0.00	0.00	0.019	0				0.11
54.750	0.00	0.00	0.019	0				0.11
54.833	0.00	0.00	0.019	0				0.11
54.917	0.00	0.00	0.019	0				0.11
55.000	0.00	0.00	0.019	0				0.11
55.083	0.00	0.00	0.019	0				0.11
55.167	0.00	0.00	0.019	0				0.11
55.250	0.00	0.00	0.019	0				0.11
55.333	0.00	0.00	0.019	0				0.11
55.417	0.00	0.00	0.019	0				0.11
55.500	0.00	0.00	0.019	0				0.11
55.583	0.00	0.00	0.019	0				0.11
55.667	0.00	0.00	0.019	0				0.11
55.750	0.00	0.00	0.019	0				0.11
55.833	0.00	0.00	0.019	0				0.11
55.917	0.00	0.00	0.019	0				0.10
56.000	0.00	0.00	0.019	0				0.10
56.083	0.00	0.00	0.019	0				0.10
56.167	0.00	0.00	0.019	0				0.10
56.250	0.00	0.00	0.019	0				0.10
56.333	0.00	0.00	0.019	0				0.10
56.417	0.00	0.00	0.019	0				0.10
56.500	0.00	0.00	0.019	0				0.10
56.583	0.00	0.00	0.019	0				0.10
56.667	0.00	0.00	0.019	0				0.10
56.750	0.00	0.00	0.019	0				0.10
56.833	0.00	0.00	0.019	0				0.10
56.917	0.00	0.00	0.019	0				0.10
57.000	0.00	0.00	0.019	0				0.10
57.083	0.00	0.00	0.018	0				0.10
57.167	0.00	0.00	0.018	0				0.10
57.250	0.00	0.00	0.018	0				0.10
57.333	0.00	0.00	0.018	0				0.10
57.417	0.00	0.00	0.018	0				0.10
57.500	0.00	0.00	0.018	0				0.10
57.583	0.00	0.00	0.018	0				0.10
57.667	0.00	0.00	0.018	0				0.10
57.750	0.00	0.00	0.018	0				0.10
57.833	0.00	0.00	0.018	0				0.10
57.917	0.00	0.00	0.018	0				0.10
58.000	0.00	0.00	0.018	0				0.10
58.083	0.00	0.00	0.018	0				0.10
58.167	0.00	0.00	0.018	0				0.10
58.250	0.00	0.00	0.018	0				0.10
58.333	0.00	0.00	0.018	0				0.10
58.417	0.00	0.00	0.018	0				0.10
58.500	0.00	0.00	0.018	0				0.10
58.583	0.00	0.00	0.018	0				0.10
58.667	0.00	0.00	0.018	0				0.10
58.750	0.00	0.00	0.018	0				0.10
58.833	0.00	0.00	0.018	0				0.10
58.917	0.00	0.00	0.018	0				0.10
59.000	0.00	0.00	0.018	0				0.10
59.083	0.00	0.00	0.018	0				0.10
59.167	0.00	0.00	0.018	0				0.10
59.250	0.00	0.00	0.018	0				0.10
59.333	0.00	0.00	0.018	0				0.10
59.417	0.00	0.00	0.018	0				0.10
59.500	0.00	0.00	0.018	0				0.10

59.583	0.00	0.00	0.018	0				0.10
59.667	0.00	0.00	0.018	0				0.10
59.750	0.00	0.00	0.018	0				0.10
59.833	0.00	0.00	0.018	0				0.10
59.917	0.00	0.00	0.018	0				0.10
60.000	0.00	0.00	0.018	0				0.10
60.083	0.00	0.00	0.018	0				0.10
60.167	0.00	0.00	0.017	0				0.10
60.250	0.00	0.00	0.017	0				0.10
60.333	0.00	0.00	0.017	0				0.10
60.417	0.00	0.00	0.017	0				0.10
60.500	0.00	0.00	0.017	0				0.10
60.583	0.00	0.00	0.017	0				0.10
60.667	0.00	0.00	0.017	0				0.10
60.750	0.00	0.00	0.017	0				0.10
60.833	0.00	0.00	0.017	0				0.10
60.917	0.00	0.00	0.017	0				0.10
61.000	0.00	0.00	0.017	0				0.10
61.083	0.00	0.00	0.017	0				0.10
61.167	0.00	0.00	0.017	0				0.10
61.250	0.00	0.00	0.017	0				0.10
61.333	0.00	0.00	0.017	0				0.10
61.417	0.00	0.00	0.017	0				0.09
61.500	0.00	0.00	0.017	0				0.09
61.583	0.00	0.00	0.017	0				0.09
61.667	0.00	0.00	0.017	0				0.09
61.750	0.00	0.00	0.017	0				0.09
61.833	0.00	0.00	0.017	0				0.09
61.917	0.00	0.00	0.017	0				0.09
62.000	0.00	0.00	0.017	0				0.09
62.083	0.00	0.00	0.017	0				0.09
62.167	0.00	0.00	0.017	0				0.09
62.250	0.00	0.00	0.017	0				0.09
62.333	0.00	0.00	0.017	0				0.09
62.417	0.00	0.00	0.017	0				0.09
62.500	0.00	0.00	0.017	0				0.09
62.583	0.00	0.00	0.017	0				0.09
62.667	0.00	0.00	0.017	0				0.09
62.750	0.00	0.00	0.017	0				0.09
62.833	0.00	0.00	0.017	0				0.09
62.917	0.00	0.00	0.017	0				0.09
63.000	0.00	0.00	0.017	0				0.09
63.083	0.00	0.00	0.017	0				0.09
63.167	0.00	0.00	0.017	0				0.09
63.250	0.00	0.00	0.017	0				0.09
63.333	0.00	0.00	0.016	0				0.09
63.417	0.00	0.00	0.016	0				0.09
63.500	0.00	0.00	0.016	0				0.09
63.583	0.00	0.00	0.016	0				0.09
63.667	0.00	0.00	0.016	0				0.09
63.750	0.00	0.00	0.016	0				0.09
63.833	0.00	0.00	0.016	0				0.09
63.917	0.00	0.00	0.016	0				0.09
64.000	0.00	0.00	0.016	0				0.09
64.083	0.00	0.00	0.016	0				0.09
64.167	0.00	0.00	0.016	0				0.09
64.250	0.00	0.00	0.016	0				0.09
64.333	0.00	0.00	0.016	0				0.09
64.417	0.00	0.00	0.016	0				0.09
64.500	0.00	0.00	0.016	0				0.09
64.583	0.00	0.00	0.016	0				0.09
64.667	0.00	0.00	0.016	0				0.09
64.750	0.00	0.00	0.016	0				0.09
64.833	0.00	0.00	0.016	0				0.09
64.917	0.00	0.00	0.016	0				0.09
65.000	0.00	0.00	0.016	0				0.09
65.083	0.00	0.00	0.016	0				0.09
65.167	0.00	0.00	0.016	0				0.09
65.250	0.00	0.00	0.016	0				0.09
65.333	0.00	0.00	0.016	0				0.09
65.417	0.00	0.00	0.016	0				0.09

65.500	0.00	0.00	0.016	0				0.09
65.583	0.00	0.00	0.016	0				0.09
65.667	0.00	0.00	0.016	0				0.09
65.750	0.00	0.00	0.016	0				0.09
65.833	0.00	0.00	0.016	0				0.09
65.917	0.00	0.00	0.016	0				0.09
66.000	0.00	0.00	0.016	0				0.09
66.083	0.00	0.00	0.016	0				0.09
66.167	0.00	0.00	0.016	0				0.09
66.250	0.00	0.00	0.016	0				0.09
66.333	0.00	0.00	0.016	0				0.09
66.417	0.00	0.00	0.016	0				0.09
66.500	0.00	0.00	0.016	0				0.09
66.583	0.00	0.00	0.016	0				0.09
66.667	0.00	0.00	0.016	0				0.09
66.750	0.00	0.00	0.015	0				0.09
66.833	0.00	0.00	0.015	0				0.09
66.917	0.00	0.00	0.015	0				0.09
67.000	0.00	0.00	0.015	0				0.09
67.083	0.00	0.00	0.015	0				0.09
67.167	0.00	0.00	0.015	0				0.09
67.250	0.00	0.00	0.015	0				0.09
67.333	0.00	0.00	0.015	0				0.09
67.417	0.00	0.00	0.015	0				0.08
67.500	0.00	0.00	0.015	0				0.08
67.583	0.00	0.00	0.015	0				0.08
67.667	0.00	0.00	0.015	0				0.08
67.750	0.00	0.00	0.015	0				0.08
67.833	0.00	0.00	0.015	0				0.08
67.917	0.00	0.00	0.015	0				0.08
68.000	0.00	0.00	0.015	0				0.08
68.083	0.00	0.00	0.015	0				0.08
68.167	0.00	0.00	0.015	0				0.08
68.250	0.00	0.00	0.015	0				0.08
68.333	0.00	0.00	0.015	0				0.08
68.417	0.00	0.00	0.015	0				0.08
68.500	0.00	0.00	0.015	0				0.08
68.583	0.00	0.00	0.015	0				0.08
68.667	0.00	0.00	0.015	0				0.08
68.750	0.00	0.00	0.015	0				0.08
68.833	0.00	0.00	0.015	0				0.08
68.917	0.00	0.00	0.015	0				0.08
69.000	0.00	0.00	0.015	0				0.08
69.083	0.00	0.00	0.015	0				0.08
69.167	0.00	0.00	0.015	0				0.08
69.250	0.00	0.00	0.015	0				0.08
69.333	0.00	0.00	0.015	0				0.08
69.417	0.00	0.00	0.015	0				0.08
69.500	0.00	0.00	0.015	0				0.08
69.583	0.00	0.00	0.015	0				0.08
69.667	0.00	0.00	0.015	0				0.08
69.750	0.00	0.00	0.015	0				0.08
69.833	0.00	0.00	0.015	0				0.08
69.917	0.00	0.00	0.015	0				0.08
70.000	0.00	0.00	0.015	0				0.08
70.083	0.00	0.00	0.015	0				0.08
70.167	0.00	0.00	0.015	0				0.08
70.250	0.00	0.00	0.015	0				0.08
70.333	0.00	0.00	0.014	0				0.08
70.417	0.00	0.00	0.014	0				0.08
70.500	0.00	0.00	0.014	0				0.08
70.583	0.00	0.00	0.014	0				0.08
70.667	0.00	0.00	0.014	0				0.08
70.750	0.00	0.00	0.014	0				0.08
70.833	0.00	0.00	0.014	0				0.08
70.917	0.00	0.00	0.014	0				0.08
71.000	0.00	0.00	0.014	0				0.08
71.083	0.00	0.00	0.014	0				0.08
71.167	0.00	0.00	0.014	0				0.08
71.250	0.00	0.00	0.014	0				0.08
71.333	0.00	0.00	0.014	0				0.08

71.417	0.00	0.00	0.014	0				0.08
71.500	0.00	0.00	0.014	0				0.08
71.583	0.00	0.00	0.014	0				0.08
71.667	0.00	0.00	0.014	0				0.08
71.750	0.00	0.00	0.014	0				0.08
71.833	0.00	0.00	0.014	0				0.08
71.917	0.00	0.00	0.014	0				0.08
72.000	0.00	0.00	0.014	0				0.08
72.083	0.00	0.00	0.014	0				0.08
72.167	0.00	0.00	0.014	0				0.08
72.250	0.00	0.00	0.014	0				0.08
72.333	0.00	0.00	0.014	0				0.08
72.417	0.00	0.00	0.014	0				0.08
72.500	0.00	0.00	0.014	0				0.08
72.583	0.00	0.00	0.014	0				0.08
72.667	0.00	0.00	0.014	0				0.08
72.750	0.00	0.00	0.014	0				0.08
72.833	0.00	0.00	0.014	0				0.08
72.917	0.00	0.00	0.014	0				0.08
73.000	0.00	0.00	0.014	0				0.08
73.083	0.00	0.00	0.014	0				0.08
73.167	0.00	0.00	0.014	0				0.08
73.250	0.00	0.00	0.014	0				0.08
73.333	0.00	0.00	0.014	0				0.08
73.417	0.00	0.00	0.014	0				0.08
73.500	0.00	0.00	0.014	0				0.08
73.583	0.00	0.00	0.014	0				0.08
73.667	0.00	0.00	0.014	0				0.08
73.750	0.00	0.00	0.014	0				0.08
73.833	0.00	0.00	0.014	0				0.08
73.917	0.00	0.00	0.014	0				0.08
74.000	0.00	0.00	0.014	0				0.08
74.083	0.00	0.00	0.014	0				0.08
74.167	0.00	0.00	0.014	0				0.08
74.250	0.00	0.00	0.013	0				0.07
74.333	0.00	0.00	0.013	0				0.07
74.417	0.00	0.00	0.013	0				0.07
74.500	0.00	0.00	0.013	0				0.07
74.583	0.00	0.00	0.013	0				0.07
74.667	0.00	0.00	0.013	0				0.07
74.750	0.00	0.00	0.013	0				0.07
74.833	0.00	0.00	0.013	0				0.07
74.917	0.00	0.00	0.013	0				0.07
75.000	0.00	0.00	0.013	0				0.07
75.083	0.00	0.00	0.013	0				0.07
75.167	0.00	0.00	0.013	0				0.07
75.250	0.00	0.00	0.013	0				0.07
75.333	0.00	0.00	0.013	0				0.07
75.417	0.00	0.00	0.013	0				0.07
75.500	0.00	0.00	0.013	0				0.07
75.583	0.00	0.00	0.013	0				0.07
75.667	0.00	0.00	0.013	0				0.07
75.750	0.00	0.00	0.013	0				0.07
75.833	0.00	0.00	0.013	0				0.07
75.917	0.00	0.00	0.013	0				0.07
76.000	0.00	0.00	0.013	0				0.07
76.083	0.00	0.00	0.013	0				0.07
76.167	0.00	0.00	0.013	0				0.07
76.250	0.00	0.00	0.013	0				0.07
76.333	0.00	0.00	0.013	0				0.07
76.417	0.00	0.00	0.013	0				0.07
76.500	0.00	0.00	0.013	0				0.07
76.583	0.00	0.00	0.013	0				0.07
76.667	0.00	0.00	0.013	0				0.07
76.750	0.00	0.00	0.013	0				0.07
76.833	0.00	0.00	0.013	0				0.07
76.917	0.00	0.00	0.013	0				0.07
77.000	0.00	0.00	0.013	0				0.07
77.083	0.00	0.00	0.013	0				0.07
77.167	0.00	0.00	0.013	0				0.07
77.250	0.00	0.00	0.013	0				0.07

77.333	0.00	0.00	0.013	0				0.07
77.417	0.00	0.00	0.013	0				0.07
77.500	0.00	0.00	0.013	0				0.07
77.583	0.00	0.00	0.013	0				0.07
77.667	0.00	0.00	0.013	0				0.07
77.750	0.00	0.00	0.013	0				0.07
77.833	0.00	0.00	0.013	0				0.07
77.917	0.00	0.00	0.013	0				0.07
78.000	0.00	0.00	0.013	0				0.07
78.083	0.00	0.00	0.013	0				0.07
78.167	0.00	0.00	0.013	0				0.07
78.250	0.00	0.00	0.013	0				0.07
78.333	0.00	0.00	0.013	0				0.07
78.417	0.00	0.00	0.012	0				0.07
78.500	0.00	0.00	0.012	0				0.07
78.583	0.00	0.00	0.012	0				0.07
78.667	0.00	0.00	0.012	0				0.07
78.750	0.00	0.00	0.012	0				0.07
78.833	0.00	0.00	0.012	0				0.07
78.917	0.00	0.00	0.012	0				0.07
79.000	0.00	0.00	0.012	0				0.07
79.083	0.00	0.00	0.012	0				0.07
79.167	0.00	0.00	0.012	0				0.07
79.250	0.00	0.00	0.012	0				0.07
79.333	0.00	0.00	0.012	0				0.07
79.417	0.00	0.00	0.012	0				0.07
79.500	0.00	0.00	0.012	0				0.07
79.583	0.00	0.00	0.012	0				0.07
79.667	0.00	0.00	0.012	0				0.07
79.750	0.00	0.00	0.012	0				0.07
79.833	0.00	0.00	0.012	0				0.07
79.917	0.00	0.00	0.012	0				0.07
80.000	0.00	0.00	0.012	0				0.07
80.083	0.00	0.00	0.012	0				0.07
80.167	0.00	0.00	0.012	0				0.07
80.250	0.00	0.00	0.012	0				0.07
80.333	0.00	0.00	0.012	0				0.07
80.417	0.00	0.00	0.012	0				0.07
80.500	0.00	0.00	0.012	0				0.07
80.583	0.00	0.00	0.012	0				0.07
80.667	0.00	0.00	0.012	0				0.07
80.750	0.00	0.00	0.012	0				0.07
80.833	0.00	0.00	0.012	0				0.07
80.917	0.00	0.00	0.012	0				0.07
81.000	0.00	0.00	0.012	0				0.07
81.083	0.00	0.00	0.012	0				0.07
81.167	0.00	0.00	0.012	0				0.07
81.250	0.00	0.00	0.012	0				0.07
81.333	0.00	0.00	0.012	0				0.07
81.417	0.00	0.00	0.012	0				0.07
81.500	0.00	0.00	0.012	0				0.07
81.583	0.00	0.00	0.012	0				0.07
81.667	0.00	0.00	0.012	0				0.07
81.750	0.00	0.00	0.012	0				0.07
81.833	0.00	0.00	0.012	0				0.07
81.917	0.00	0.00	0.012	0				0.07
82.000	0.00	0.00	0.012	0				0.07
82.083	0.00	0.00	0.012	0				0.06
82.167	0.00	0.00	0.012	0				0.06
82.250	0.00	0.00	0.012	0				0.06
82.333	0.00	0.00	0.012	0				0.06
82.417	0.00	0.00	0.012	0				0.06
82.500	0.00	0.00	0.012	0				0.06
82.583	0.00	0.00	0.012	0				0.06
82.667	0.00	0.00	0.012	0				0.06
82.750	0.00	0.00	0.012	0				0.06
82.833	0.00	0.00	0.012	0				0.06
82.917	0.00	0.00	0.012	0				0.06
83.000	0.00	0.00	0.011	0				0.06
83.083	0.00	0.00	0.011	0				0.06
83.167	0.00	0.00	0.011	0				0.06

83.250	0.00	0.00	0.011	0					0.06
83.333	0.00	0.00	0.011	0					0.06
83.417	0.00	0.00	0.011	0					0.06
83.500	0.00	0.00	0.011	0					0.06
83.583	0.00	0.00	0.011	0					0.06
83.667	0.00	0.00	0.011	0					0.06
83.750	0.00	0.00	0.011	0					0.06
83.833	0.00	0.00	0.011	0					0.06
83.917	0.00	0.00	0.011	0					0.06
84.000	0.00	0.00	0.011	0					0.06
84.083	0.00	0.00	0.011	0					0.06
84.167	0.00	0.00	0.011	0					0.06
84.250	0.00	0.00	0.011	0					0.06
84.333	0.00	0.00	0.011	0					0.06
84.417	0.00	0.00	0.011	0					0.06
84.500	0.00	0.00	0.011	0					0.06
84.583	0.00	0.00	0.011	0					0.06
84.667	0.00	0.00	0.011	0					0.06
84.750	0.00	0.00	0.011	0					0.06
84.833	0.00	0.00	0.011	0					0.06
84.917	0.00	0.00	0.011	0					0.06
85.000	0.00	0.00	0.011	0					0.06
85.083	0.00	0.00	0.011	0					0.06
85.167	0.00	0.00	0.011	0					0.06
85.250	0.00	0.00	0.011	0					0.06
85.333	0.00	0.00	0.011	0					0.06
85.417	0.00	0.00	0.011	0					0.06
85.500	0.00	0.00	0.011	0					0.06
85.583	0.00	0.00	0.011	0					0.06
85.667	0.00	0.00	0.011	0					0.06
85.750	0.00	0.00	0.011	0					0.06
85.833	0.00	0.00	0.011	0					0.06
85.917	0.00	0.00	0.011	0					0.06
86.000	0.00	0.00	0.011	0					0.06
86.083	0.00	0.00	0.011	0					0.06
86.167	0.00	0.00	0.011	0					0.06
86.250	0.00	0.00	0.011	0					0.06
86.333	0.00	0.00	0.011	0					0.06
86.417	0.00	0.00	0.011	0					0.06
86.500	0.00	0.00	0.011	0					0.06
86.583	0.00	0.00	0.011	0					0.06
86.667	0.00	0.00	0.011	0					0.06
86.750	0.00	0.00	0.011	0					0.06
86.833	0.00	0.00	0.011	0					0.06
86.917	0.00	0.00	0.011	0					0.06
87.000	0.00	0.00	0.011	0					0.06
87.083	0.00	0.00	0.011	0					0.06
87.167	0.00	0.00	0.011	0					0.06
87.250	0.00	0.00	0.011	0					0.06
87.333	0.00	0.00	0.011	0					0.06
87.417	0.00	0.00	0.011	0					0.06
87.500	0.00	0.00	0.011	0					0.06
87.583	0.00	0.00	0.011	0					0.06
87.667	0.00	0.00	0.011	0					0.06
87.750	0.00	0.00	0.011	0					0.06
87.833	0.00	0.00	0.011	0					0.06
87.917	0.00	0.00	0.010	0					0.06
88.000	0.00	0.00	0.010	0					0.06
88.083	0.00	0.00	0.010	0					0.06
88.167	0.00	0.00	0.010	0					0.06
88.250	0.00	0.00	0.010	0					0.06
88.333	0.00	0.00	0.010	0					0.06
88.417	0.00	0.00	0.010	0					0.06
88.500	0.00	0.00	0.010	0					0.06
88.583	0.00	0.00	0.010	0					0.06
88.667	0.00	0.00	0.010	0					0.06
88.750	0.00	0.00	0.010	0					0.06
88.833	0.00	0.00	0.010	0					0.06
88.917	0.00	0.00	0.010	0					0.06
89.000	0.00	0.00	0.010	0					0.06
89.083	0.00	0.00	0.010	0					0.06

89.167	0.00	0.00	0.010	0				0.06
89.250	0.00	0.00	0.010	0				0.06
89.333	0.00	0.00	0.010	0				0.06
89.417	0.00	0.00	0.010	0				0.06
89.500	0.00	0.00	0.010	0				0.06
89.583	0.00	0.00	0.010	0				0.06
89.667	0.00	0.00	0.010	0				0.06
89.750	0.00	0.00	0.010	0				0.06
89.833	0.00	0.00	0.010	0				0.06
89.917	0.00	0.00	0.010	0				0.06
90.000	0.00	0.00	0.010	0				0.06
90.083	0.00	0.00	0.010	0				0.06
90.167	0.00	0.00	0.010	0				0.06
90.250	0.00	0.00	0.010	0				0.06
90.333	0.00	0.00	0.010	0				0.06
90.417	0.00	0.00	0.010	0				0.06
90.500	0.00	0.00	0.010	0				0.06
90.583	0.00	0.00	0.010	0				0.06
90.667	0.00	0.00	0.010	0				0.06
90.750	0.00	0.00	0.010	0				0.06
90.833	0.00	0.00	0.010	0				0.06
90.917	0.00	0.00	0.010	0				0.06
91.000	0.00	0.00	0.010	0				0.06
91.083	0.00	0.00	0.010	0				0.06
91.167	0.00	0.00	0.010	0				0.05
91.250	0.00	0.00	0.010	0				0.05
91.333	0.00	0.00	0.010	0				0.05
91.417	0.00	0.00	0.010	0				0.05
91.500	0.00	0.00	0.010	0				0.05
91.583	0.00	0.00	0.010	0				0.05
91.667	0.00	0.00	0.010	0				0.05
91.750	0.00	0.00	0.010	0				0.05
91.833	0.00	0.00	0.010	0				0.05
91.917	0.00	0.00	0.010	0				0.05
92.000	0.00	0.00	0.010	0				0.05
92.083	0.00	0.00	0.010	0				0.05
92.167	0.00	0.00	0.010	0				0.05
92.250	0.00	0.00	0.010	0				0.05
92.333	0.00	0.00	0.010	0				0.05
92.417	0.00	0.00	0.010	0				0.05
92.500	0.00	0.00	0.010	0				0.05
92.583	0.00	0.00	0.010	0				0.05
92.667	0.00	0.00	0.010	0				0.05
92.750	0.00	0.00	0.010	0				0.05
92.833	0.00	0.00	0.010	0				0.05
92.917	0.00	0.00	0.010	0				0.05
93.000	0.00	0.00	0.010	0				0.05
93.083	0.00	0.00	0.010	0				0.05
93.167	0.00	0.00	0.010	0				0.05
93.250	0.00	0.00	0.010	0				0.05
93.333	0.00	0.00	0.010	0				0.05
93.417	0.00	0.00	0.009	0				0.05
93.500	0.00	0.00	0.009	0				0.05
93.583	0.00	0.00	0.009	0				0.05
93.667	0.00	0.00	0.009	0				0.05
93.750	0.00	0.00	0.009	0				0.05
93.833	0.00	0.00	0.009	0				0.05
93.917	0.00	0.00	0.009	0				0.05
94.000	0.00	0.00	0.009	0				0.05
94.083	0.00	0.00	0.009	0				0.05
94.167	0.00	0.00	0.009	0				0.05
94.250	0.00	0.00	0.009	0				0.05
94.333	0.00	0.00	0.009	0				0.05
94.417	0.00	0.00	0.009	0				0.05
94.500	0.00	0.00	0.009	0				0.05
94.583	0.00	0.00	0.009	0				0.05
94.667	0.00	0.00	0.009	0				0.05
94.750	0.00	0.00	0.009	0				0.05
94.833	0.00	0.00	0.009	0				0.05
94.917	0.00	0.00	0.009	0				0.05
95.000	0.00	0.00	0.009	0				0.05

95.083	0.00	0.00	0.009	0				0.05
95.167	0.00	0.00	0.009	0				0.05
95.250	0.00	0.00	0.009	0				0.05
95.333	0.00	0.00	0.009	0				0.05
95.417	0.00	0.00	0.009	0				0.05
95.500	0.00	0.00	0.009	0				0.05
95.583	0.00	0.00	0.009	0				0.05
95.667	0.00	0.00	0.009	0				0.05
95.750	0.00	0.00	0.009	0				0.05
95.833	0.00	0.00	0.009	0				0.05
95.917	0.00	0.00	0.009	0				0.05
96.000	0.00	0.00	0.009	0				0.05
96.083	0.00	0.00	0.009	0				0.05
96.167	0.00	0.00	0.009	0				0.05
96.250	0.00	0.00	0.009	0				0.05
96.333	0.00	0.00	0.009	0				0.05
96.417	0.00	0.00	0.009	0				0.05
96.500	0.00	0.00	0.009	0				0.05
96.583	0.00	0.00	0.009	0				0.05
96.667	0.00	0.00	0.009	0				0.05
96.750	0.00	0.00	0.009	0				0.05
96.833	0.00	0.00	0.009	0				0.05
96.917	0.00	0.00	0.009	0				0.05
97.000	0.00	0.00	0.009	0				0.05
97.083	0.00	0.00	0.009	0				0.05
97.167	0.00	0.00	0.009	0				0.05
97.250	0.00	0.00	0.009	0				0.05
97.333	0.00	0.00	0.009	0				0.05
97.417	0.00	0.00	0.009	0				0.05
97.500	0.00	0.00	0.009	0				0.05
97.583	0.00	0.00	0.009	0				0.05
97.667	0.00	0.00	0.009	0				0.05
97.750	0.00	0.00	0.009	0				0.05
97.833	0.00	0.00	0.009	0				0.05
97.917	0.00	0.00	0.009	0				0.05
98.000	0.00	0.00	0.009	0				0.05
98.083	0.00	0.00	0.009	0				0.05
98.167	0.00	0.00	0.009	0				0.05
98.250	0.00	0.00	0.009	0				0.05
98.333	0.00	0.00	0.009	0				0.05
98.417	0.00	0.00	0.009	0				0.05
98.500	0.00	0.00	0.009	0				0.05
98.583	0.00	0.00	0.009	0				0.05
98.667	0.00	0.00	0.009	0				0.05
98.750	0.00	0.00	0.009	0				0.05
98.833	0.00	0.00	0.009	0				0.05
98.917	0.00	0.00	0.009	0				0.05
99.000	0.00	0.00	0.009	0				0.05
99.083	0.00	0.00	0.009	0				0.05
99.167	0.00	0.00	0.009	0				0.05
99.250	0.00	0.00	0.009	0				0.05
99.333	0.00	0.00	0.009	0				0.05
99.417	0.00	0.00	0.008	0				0.05
99.500	0.00	0.00	0.008	0				0.05
99.583	0.00	0.00	0.008	0				0.05
99.667	0.00	0.00	0.008	0				0.05
99.750	0.00	0.00	0.008	0				0.05
99.833	0.00	0.00	0.008	0				0.05
99.917	0.00	0.00	0.008	0				0.05
100.000	0.00	0.00	0.008	0				0.05
100.083	0.00	0.00	0.008	0				0.05
100.167	0.00	0.00	0.008	0				0.05
100.250	0.00	0.00	0.008	0				0.05
100.333	0.00	0.00	0.008	0				0.05
100.417	0.00	0.00	0.008	0				0.05
100.500	0.00	0.00	0.008	0				0.05
100.583	0.00	0.00	0.008	0				0.05
100.667	0.00	0.00	0.008	0				0.05
100.750	0.00	0.00	0.008	0				0.05
100.833	0.00	0.00	0.008	0				0.05
100.917	0.00	0.00	0.008	0				0.05

101.000	0.00	0.00	0.008	0					0.05
101.083	0.00	0.00	0.008	0					0.05
101.167	0.00	0.00	0.008	0					0.05
101.250	0.00	0.00	0.008	0					0.05
101.333	0.00	0.00	0.008	0					0.05
101.417	0.00	0.00	0.008	0					0.05
101.500	0.00	0.00	0.008	0					0.05
101.583	0.00	0.00	0.008	0					0.05
101.667	0.00	0.00	0.008	0					0.05
101.750	0.00	0.00	0.008	0					0.05
101.833	0.00	0.00	0.008	0					0.05
101.917	0.00	0.00	0.008	0					0.05
102.000	0.00	0.00	0.008	0					0.05
102.083	0.00	0.00	0.008	0					0.04
102.167	0.00	0.00	0.008	0					0.04
102.250	0.00	0.00	0.008	0					0.04
102.333	0.00	0.00	0.008	0					0.04
102.417	0.00	0.00	0.008	0					0.04
102.500	0.00	0.00	0.008	0					0.04
102.583	0.00	0.00	0.008	0					0.04
102.667	0.00	0.00	0.008	0					0.04
102.750	0.00	0.00	0.008	0					0.04
102.833	0.00	0.00	0.008	0					0.04
102.917	0.00	0.00	0.008	0					0.04
103.000	0.00	0.00	0.008	0					0.04
103.083	0.00	0.00	0.008	0					0.04
103.167	0.00	0.00	0.008	0					0.04
103.250	0.00	0.00	0.008	0					0.04
103.333	0.00	0.00	0.008	0					0.04
103.417	0.00	0.00	0.008	0					0.04
103.500	0.00	0.00	0.008	0					0.04
103.583	0.00	0.00	0.008	0					0.04
103.667	0.00	0.00	0.008	0					0.04
103.750	0.00	0.00	0.008	0					0.04
103.833	0.00	0.00	0.008	0					0.04
103.917	0.00	0.00	0.008	0					0.04
104.000	0.00	0.00	0.008	0					0.04
104.083	0.00	0.00	0.008	0					0.04
104.167	0.00	0.00	0.008	0					0.04
104.250	0.00	0.00	0.008	0					0.04
104.333	0.00	0.00	0.008	0					0.04
104.417	0.00	0.00	0.008	0					0.04
104.500	0.00	0.00	0.008	0					0.04
104.583	0.00	0.00	0.008	0					0.04
104.667	0.00	0.00	0.008	0					0.04
104.750	0.00	0.00	0.008	0					0.04
104.833	0.00	0.00	0.008	0					0.04
104.917	0.00	0.00	0.008	0					0.04
105.000	0.00	0.00	0.008	0					0.04
105.083	0.00	0.00	0.008	0					0.04
105.167	0.00	0.00	0.008	0					0.04
105.250	0.00	0.00	0.008	0					0.04
105.333	0.00	0.00	0.008	0					0.04
105.417	0.00	0.00	0.008	0					0.04
105.500	0.00	0.00	0.008	0					0.04
105.583	0.00	0.00	0.008	0					0.04
105.667	0.00	0.00	0.008	0					0.04
105.750	0.00	0.00	0.008	0					0.04
105.833	0.00	0.00	0.008	0					0.04
105.917	0.00	0.00	0.008	0					0.04
106.000	0.00	0.00	0.008	0					0.04
106.083	0.00	0.00	0.008	0					0.04
106.167	0.00	0.00	0.008	0					0.04
106.250	0.00	0.00	0.007	0					0.04
106.333	0.00	0.00	0.007	0					0.04
106.417	0.00	0.00	0.007	0					0.04
106.500	0.00	0.00	0.007	0					0.04
106.583	0.00	0.00	0.007	0					0.04
106.667	0.00	0.00	0.007	0					0.04
106.750	0.00	0.00	0.007	0					0.04
106.833	0.00	0.00	0.007	0					0.04

112.833	0.00	0.00	0.007	0				0.04
112.917	0.00	0.00	0.007	0				0.04
113.000	0.00	0.00	0.007	0				0.04
113.083	0.00	0.00	0.007	0				0.04
113.167	0.00	0.00	0.007	0				0.04
113.250	0.00	0.00	0.007	0				0.04
113.333	0.00	0.00	0.007	0				0.04
113.417	0.00	0.00	0.007	0				0.04
113.500	0.00	0.00	0.007	0				0.04
113.583	0.00	0.00	0.007	0				0.04
113.667	0.00	0.00	0.007	0				0.04
113.750	0.00	0.00	0.007	0				0.04
113.833	0.00	0.00	0.007	0				0.04
113.917	0.00	0.00	0.007	0				0.04
114.000	0.00	0.00	0.007	0				0.04
114.083	0.00	0.00	0.006	0				0.04
114.167	0.00	0.00	0.006	0				0.04
114.250	0.00	0.00	0.006	0				0.04
114.333	0.00	0.00	0.006	0				0.04
114.417	0.00	0.00	0.006	0				0.04
114.500	0.00	0.00	0.006	0				0.04
114.583	0.00	0.00	0.006	0				0.04
114.667	0.00	0.00	0.006	0				0.04
114.750	0.00	0.00	0.006	0				0.04
114.833	0.00	0.00	0.006	0				0.04
114.917	0.00	0.00	0.006	0				0.04
115.000	0.00	0.00	0.006	0				0.04
115.083	0.00	0.00	0.006	0				0.04
115.167	0.00	0.00	0.006	0				0.04
115.250	0.00	0.00	0.006	0				0.04
115.333	0.00	0.00	0.006	0				0.04
115.417	0.00	0.00	0.006	0				0.04
115.500	0.00	0.00	0.006	0				0.04
115.583	0.00	0.00	0.006	0				0.04
115.667	0.00	0.00	0.006	0				0.04
115.750	0.00	0.00	0.006	0				0.03
115.833	0.00	0.00	0.006	0				0.03
115.917	0.00	0.00	0.006	0				0.03
116.000	0.00	0.00	0.006	0				0.03
116.083	0.00	0.00	0.006	0				0.03
116.167	0.00	0.00	0.006	0				0.03
116.250	0.00	0.00	0.006	0				0.03
116.333	0.00	0.00	0.006	0				0.03
116.417	0.00	0.00	0.006	0				0.03
116.500	0.00	0.00	0.006	0				0.03
116.583	0.00	0.00	0.006	0				0.03
116.667	0.00	0.00	0.006	0				0.03
116.750	0.00	0.00	0.006	0				0.03
116.833	0.00	0.00	0.006	0				0.03
116.917	0.00	0.00	0.006	0				0.03
117.000	0.00	0.00	0.006	0				0.03
117.083	0.00	0.00	0.006	0				0.03
117.167	0.00	0.00	0.006	0				0.03
117.250	0.00	0.00	0.006	0				0.03
117.333	0.00	0.00	0.006	0				0.03
117.417	0.00	0.00	0.006	0				0.03
117.500	0.00	0.00	0.006	0				0.03
117.583	0.00	0.00	0.006	0				0.03
117.667	0.00	0.00	0.006	0				0.03
117.750	0.00	0.00	0.006	0				0.03
117.833	0.00	0.00	0.006	0				0.03
117.917	0.00	0.00	0.006	0				0.03
118.000	0.00	0.00	0.006	0				0.03
118.083	0.00	0.00	0.006	0				0.03
118.167	0.00	0.00	0.006	0				0.03
118.250	0.00	0.00	0.006	0				0.03
118.333	0.00	0.00	0.006	0				0.03
118.417	0.00	0.00	0.006	0				0.03
118.500	0.00	0.00	0.006	0				0.03
118.583	0.00	0.00	0.006	0				0.03
118.667	0.00	0.00	0.006	0				0.03

118.750	0.00	0.00	0.006	0				0.03
118.833	0.00	0.00	0.006	0				0.03
118.917	0.00	0.00	0.006	0				0.03
119.000	0.00	0.00	0.006	0				0.03
119.083	0.00	0.00	0.006	0				0.03
119.167	0.00	0.00	0.006	0				0.03
119.250	0.00	0.00	0.006	0				0.03
119.333	0.00	0.00	0.006	0				0.03
119.417	0.00	0.00	0.006	0				0.03
119.500	0.00	0.00	0.006	0				0.03
119.583	0.00	0.00	0.006	0				0.03
119.667	0.00	0.00	0.006	0				0.03
119.750	0.00	0.00	0.006	0				0.03
119.833	0.00	0.00	0.006	0				0.03
119.917	0.00	0.00	0.006	0				0.03
120.000	0.00	0.00	0.006	0				0.03
120.083	0.00	0.00	0.006	0				0.03
120.167	0.00	0.00	0.006	0				0.03
120.250	0.00	0.00	0.006	0				0.03
120.333	0.00	0.00	0.006	0				0.03
120.417	0.00	0.00	0.006	0				0.03
120.500	0.00	0.00	0.006	0				0.03
120.583	0.00	0.00	0.006	0				0.03
120.667	0.00	0.00	0.006	0				0.03
120.750	0.00	0.00	0.006	0				0.03
120.833	0.00	0.00	0.006	0				0.03
120.917	0.00	0.00	0.006	0				0.03
121.000	0.00	0.00	0.006	0				0.03
121.083	0.00	0.00	0.006	0				0.03
121.167	0.00	0.00	0.006	0				0.03
121.250	0.00	0.00	0.006	0				0.03
121.333	0.00	0.00	0.006	0				0.03
121.417	0.00	0.00	0.006	0				0.03
121.500	0.00	0.00	0.006	0				0.03
121.583	0.00	0.00	0.006	0				0.03
121.667	0.00	0.00	0.006	0				0.03
121.750	0.00	0.00	0.006	0				0.03
121.833	0.00	0.00	0.006	0				0.03
121.917	0.00	0.00	0.006	0				0.03
122.000	0.00	0.00	0.006	0				0.03
122.083	0.00	0.00	0.006	0				0.03
122.167	0.00	0.00	0.006	0				0.03
122.250	0.00	0.00	0.006	0				0.03
122.333	0.00	0.00	0.006	0				0.03
122.417	0.00	0.00	0.006	0				0.03
122.500	0.00	0.00	0.006	0				0.03
122.583	0.00	0.00	0.006	0				0.03
122.667	0.00	0.00	0.006	0				0.03
122.750	0.00	0.00	0.006	0				0.03
122.833	0.00	0.00	0.006	0				0.03
122.917	0.00	0.00	0.006	0				0.03
123.000	0.00	0.00	0.006	0				0.03
123.083	0.00	0.00	0.006	0				0.03
123.167	0.00	0.00	0.005	0				0.03
123.250	0.00	0.00	0.005	0				0.03
123.333	0.00	0.00	0.005	0				0.03
123.417	0.00	0.00	0.005	0				0.03
123.500	0.00	0.00	0.005	0				0.03
123.583	0.00	0.00	0.005	0				0.03
123.667	0.00	0.00	0.005	0				0.03
123.750	0.00	0.00	0.005	0				0.03
123.833	0.00	0.00	0.005	0				0.03
123.917	0.00	0.00	0.005	0				0.03
124.000	0.00	0.00	0.005	0				0.03
124.083	0.00	0.00	0.005	0				0.03
124.167	0.00	0.00	0.005	0				0.03
124.250	0.00	0.00	0.005	0				0.03
124.333	0.00	0.00	0.005	0				0.03
124.417	0.00	0.00	0.005	0				0.03
124.500	0.00	0.00	0.005	0				0.03
124.583	0.00	0.00	0.005	0				0.03

124.667	0.00	0.00	0.005	0				0.03
124.750	0.00	0.00	0.005	0				0.03
124.833	0.00	0.00	0.005	0				0.03
124.917	0.00	0.00	0.005	0				0.03
125.000	0.00	0.00	0.005	0				0.03
125.083	0.00	0.00	0.005	0				0.03
125.167	0.00	0.00	0.005	0				0.03
125.250	0.00	0.00	0.005	0				0.03
125.333	0.00	0.00	0.005	0				0.03
125.417	0.00	0.00	0.005	0				0.03
125.500	0.00	0.00	0.005	0				0.03
125.583	0.00	0.00	0.005	0				0.03
125.667	0.00	0.00	0.005	0				0.03
125.750	0.00	0.00	0.005	0				0.03
125.833	0.00	0.00	0.005	0				0.03
125.917	0.00	0.00	0.005	0				0.03
126.000	0.00	0.00	0.005	0				0.03
126.083	0.00	0.00	0.005	0				0.03
126.167	0.00	0.00	0.005	0				0.03
126.250	0.00	0.00	0.005	0				0.03
126.333	0.00	0.00	0.005	0				0.03
126.417	0.00	0.00	0.005	0				0.03
126.500	0.00	0.00	0.005	0				0.03
126.583	0.00	0.00	0.005	0				0.03
126.667	0.00	0.00	0.005	0				0.03
126.750	0.00	0.00	0.005	0				0.03
126.833	0.00	0.00	0.005	0				0.03
126.917	0.00	0.00	0.005	0				0.03
127.000	0.00	0.00	0.005	0				0.03
127.083	0.00	0.00	0.005	0				0.03
127.167	0.00	0.00	0.005	0				0.03
127.250	0.00	0.00	0.005	0				0.03
127.333	0.00	0.00	0.005	0				0.03
127.417	0.00	0.00	0.005	0				0.03
127.500	0.00	0.00	0.005	0				0.03
127.583	0.00	0.00	0.005	0				0.03
127.667	0.00	0.00	0.005	0				0.03
127.750	0.00	0.00	0.005	0				0.03
127.833	0.00	0.00	0.005	0				0.03
127.917	0.00	0.00	0.005	0				0.03
128.000	0.00	0.00	0.005	0				0.03
128.083	0.00	0.00	0.005	0				0.03
128.167	0.00	0.00	0.005	0				0.03
128.250	0.00	0.00	0.005	0				0.03
128.333	0.00	0.00	0.005	0				0.03
128.417	0.00	0.00	0.005	0				0.03
128.500	0.00	0.00	0.005	0				0.03
128.583	0.00	0.00	0.005	0				0.03
128.667	0.00	0.00	0.005	0				0.03
128.750	0.00	0.00	0.005	0				0.03
128.833	0.00	0.00	0.005	0				0.03
128.917	0.00	0.00	0.005	0				0.03
129.000	0.00	0.00	0.005	0				0.03
129.083	0.00	0.00	0.005	0				0.03
129.167	0.00	0.00	0.005	0				0.03
129.250	0.00	0.00	0.005	0				0.03
129.333	0.00	0.00	0.005	0				0.03
129.417	0.00	0.00	0.005	0				0.03
129.500	0.00	0.00	0.005	0				0.03
129.583	0.00	0.00	0.005	0				0.03
129.667	0.00	0.00	0.005	0				0.03
129.750	0.00	0.00	0.005	0				0.03
129.833	0.00	0.00	0.005	0				0.03
129.917	0.00	0.00	0.005	0				0.03
130.000	0.00	0.00	0.005	0				0.03
130.083	0.00	0.00	0.005	0				0.03
130.167	0.00	0.00	0.005	0				0.03
130.250	0.00	0.00	0.005	0				0.03
130.333	0.00	0.00	0.005	0				0.03
130.417	0.00	0.00	0.005	0				0.03
130.500	0.00	0.00	0.005	0				0.03

130.583	0.00	0.00	0.005	0					0.03
130.667	0.00	0.00	0.005	0					0.03
130.750	0.00	0.00	0.005	0					0.03
130.833	0.00	0.00	0.005	0					0.03
130.917	0.00	0.00	0.005	0					0.03
131.000	0.00	0.00	0.005	0					0.03
131.083	0.00	0.00	0.005	0					0.03
131.167	0.00	0.00	0.005	0					0.03
131.250	0.00	0.00	0.005	0					0.03
131.333	0.00	0.00	0.005	0					0.03
131.417	0.00	0.00	0.005	0					0.03
131.500	0.00	0.00	0.005	0					0.03
131.583	0.00	0.00	0.005	0					0.03
131.667	0.00	0.00	0.005	0					0.03
131.750	0.00	0.00	0.005	0					0.03
131.833	0.00	0.00	0.005	0					0.03
131.917	0.00	0.00	0.005	0					0.03
132.000	0.00	0.00	0.005	0					0.03
132.083	0.00	0.00	0.005	0					0.03
132.167	0.00	0.00	0.005	0					0.03
132.250	0.00	0.00	0.005	0					0.03
132.333	0.00	0.00	0.005	0					0.03
132.417	0.00	0.00	0.005	0					0.03
132.500	0.00	0.00	0.005	0					0.03
132.583	0.00	0.00	0.005	0					0.03
132.667	0.00	0.00	0.005	0					0.03
132.750	0.00	0.00	0.005	0					0.03
132.833	0.00	0.00	0.005	0					0.03
132.917	0.00	0.00	0.005	0					0.03
133.000	0.00	0.00	0.005	0					0.03
133.083	0.00	0.00	0.005	0					0.03
133.167	0.00	0.00	0.005	0					0.03
133.250	0.00	0.00	0.005	0					0.03
133.333	0.00	0.00	0.005	0					0.03
133.417	0.00	0.00	0.005	0					0.03
133.500	0.00	0.00	0.005	0					0.03
133.583	0.00	0.00	0.005	0					0.03
133.667	0.00	0.00	0.005	0					0.03
133.750	0.00	0.00	0.005	0					0.03
133.833	0.00	0.00	0.005	0					0.03
133.917	0.00	0.00	0.005	0					0.03
134.000	0.00	0.00	0.005	0					0.03
134.083	0.00	0.00	0.004	0					0.02

*****HYDROGRAPH DATA*****

Number of intervals = 1609
Time interval = 5.0 (Min.)
Maximum/Peak flow rate = 0.011 (CFS)
Total volume = 0.048 (Ac.Ft)
Status of hydrographs being held in storage

	Stream 1	Stream 2	Stream 3	Stream 4	Stream 5
Peak (CFS)	0.000	0.000	0.000	0.000	0.000
Vol (Ac.Ft)	0.000	0.000	0.000	0.000	0.000

MENIFEE STAXUP STORAGE EXTENSION
 PRELIMINARY DRAINAGE STUDY
 BASIN A ROUTING MODEL
 2-YEAR; 3-HOUR

Program License Serial Number 6545

***** HYDROGRAPH INFORMATION *****

From study/file name: D132.rte
 *****HYDROGRAPH DATA*****
 Number of intervals = 37
 Time interval = 5.0 (Min.)
 Maximum/Peak flow rate = 0.391 (CFS)
 Total volume = 0.033 (Ac.Ft)
 Status of hydrographs being held in storage
 Stream 1 Stream 2 Stream 3 Stream 4 Stream 5
 Peak (CFS) 0.000 0.000 0.000 0.000 0.000 0.000
 Vol (Ac.Ft) 0.000 0.000 0.000 0.000 0.000 0.000

+++++
 Process from Point/Station 1.000 to Point/Station 2.000
 **** RETARDING BASIN ROUTING ****

User entry of depth-outflow-storage data

Total number of inflow hydrograph intervals = 37
 Hydrograph time unit = 5.000 (Min.)
 Initial depth in storage basin = 0.16(Ft.)

Initial basin depth = 0.16 (Ft.)
 Initial basin storage = 0.03 (Ac.Ft)
 Initial basin outflow = 0.01 (CFS)

Depth vs. Storage and Depth vs. Discharge data:

Basin Depth (Ft.)	Storage (Ac.Ft)	Outflow (CFS)	(S-O*dt/2) (Ac.Ft)	(S+O*dt/2) (Ac.Ft)
0.000	0.000	0.000	0.000	0.000
0.500	0.090	0.020	0.090	0.090
1.000	0.139	7.420	0.113	0.165

Hydrograph Detention Basin Routing

Graph values: 'I'= unit inflow; 'O'=outflow at time shown

Time (Hours)	Inflow (CFS)	Outflow (CFS)	Storage (Ac.Ft)	.0	0.1	0.20	0.29	0.39	Depth (Ft.)
0.083	0.04	0.01	0.029	O I					0.16
0.167	0.06	0.01	0.029	O I					0.16
0.250	0.06	0.01	0.030	O I					0.16
0.333	0.07	0.01	0.030	O I					0.17

0.417	0.07	0.01	0.030	O	I						0.17
0.500	0.08	0.01	0.031	O	I						0.17
0.583	0.08	0.01	0.031	O	I						0.17
0.667	0.08	0.01	0.032	O	I						0.18
0.750	0.09	0.01	0.032	O	I						0.18
0.833	0.08	0.01	0.033	O	I						0.18
0.917	0.08	0.01	0.033	O	I						0.19
1.000	0.08	0.01	0.034	O	I						0.19
1.083	0.10	0.01	0.034	O	I						0.19
1.167	0.11	0.01	0.035	O	I						0.20
1.250	0.11	0.01	0.036	O	I						0.20
1.333	0.10	0.01	0.036	O	I						0.20
1.417	0.12	0.01	0.037	O	I						0.21
1.500	0.13	0.01	0.038	O	I						0.21
1.583	0.12	0.01	0.039	O	I						0.22
1.667	0.13	0.01	0.040	O	I						0.22
1.750	0.15	0.01	0.040	O	I						0.22
1.833	0.15	0.01	0.041	O	I						0.23
1.917	0.14	0.01	0.042	O	I						0.24
2.000	0.14	0.01	0.043	O	I						0.24
2.083	0.15	0.01	0.044	O	I						0.25
2.167	0.19	0.01	0.045	O	I						0.25
2.250	0.23	0.01	0.047	O	I						0.26
2.333	0.19	0.01	0.048	O	I						0.27
2.417	0.28	0.01	0.050	O	I						0.28
2.500	0.35	0.01	0.052	O	I						0.29
2.583	0.39	0.01	0.054	O	I						0.30
2.667	0.32	0.01	0.056	O	I						0.31
2.750	0.15	0.01	0.058	O	I						0.32
2.833	0.09	0.01	0.059	O	I						0.33
2.917	0.09	0.01	0.059	O	I						0.33
3.000	0.05	0.01	0.060	O	I						0.33
3.083	0.01	0.01	0.060	IO	I						0.33
3.167	0.00	0.01	0.060	IO	I						0.33
3.250	0.00	0.01	0.060	IO	I						0.33
3.333	0.00	0.01	0.060	IO	I						0.33
3.417	0.00	0.01	0.059	IO	I						0.33
3.500	0.00	0.01	0.059	IO	I						0.33
3.583	0.00	0.01	0.059	IO	I						0.33
3.667	0.00	0.01	0.059	IO	I						0.33
3.750	0.00	0.01	0.059	IO	I						0.33
3.833	0.00	0.01	0.059	IO	I						0.33
3.917	0.00	0.01	0.059	IO	I						0.33
4.000	0.00	0.01	0.059	IO	I						0.33
4.083	0.00	0.01	0.059	IO	I						0.33
4.167	0.00	0.01	0.059	IO	I						0.33
4.250	0.00	0.01	0.059	IO	I						0.33
4.333	0.00	0.01	0.058	IO	I						0.32
4.417	0.00	0.01	0.058	IO	I						0.32
4.500	0.00	0.01	0.058	IO	I						0.32
4.583	0.00	0.01	0.058	IO	I						0.32
4.667	0.00	0.01	0.058	IO	I						0.32
4.750	0.00	0.01	0.058	IO	I						0.32
4.833	0.00	0.01	0.058	IO	I						0.32
4.917	0.00	0.01	0.058	IO	I						0.32
5.000	0.00	0.01	0.058	IO	I						0.32
5.083	0.00	0.01	0.058	IO	I						0.32
5.167	0.00	0.01	0.058	IO	I						0.32
5.250	0.00	0.01	0.057	IO	I						0.32
5.333	0.00	0.01	0.057	IO	I						0.32
5.417	0.00	0.01	0.057	IO	I						0.32
5.500	0.00	0.01	0.057	IO	I						0.32
5.583	0.00	0.01	0.057	IO	I						0.32
5.667	0.00	0.01	0.057	IO	I						0.32
5.750	0.00	0.01	0.057	IO	I						0.32
5.833	0.00	0.01	0.057	IO	I						0.32
5.917	0.00	0.01	0.057	IO	I						0.32
6.000	0.00	0.01	0.057	IO	I						0.31
6.083	0.00	0.01	0.057	IO	I						0.31
6.167	0.00	0.01	0.057	IO	I						0.31
6.250	0.00	0.01	0.056	IO	I						0.31

6.333	0.00	0.01	0.056	IO					0.31
6.417	0.00	0.01	0.056	IO					0.31
6.500	0.00	0.01	0.056	IO					0.31
6.583	0.00	0.01	0.056	IO					0.31
6.667	0.00	0.01	0.056	IO					0.31
6.750	0.00	0.01	0.056	IO					0.31
6.833	0.00	0.01	0.056	IO					0.31
6.917	0.00	0.01	0.056	IO					0.31
7.000	0.00	0.01	0.056	IO					0.31
7.083	0.00	0.01	0.056	IO					0.31
7.167	0.00	0.01	0.055	IO					0.31
7.250	0.00	0.01	0.055	IO					0.31
7.333	0.00	0.01	0.055	IO					0.31
7.417	0.00	0.01	0.055	IO					0.31
7.500	0.00	0.01	0.055	IO					0.31
7.583	0.00	0.01	0.055	IO					0.31
7.667	0.00	0.01	0.055	O					0.31
7.750	0.00	0.01	0.055	O					0.31
7.833	0.00	0.01	0.055	O					0.30
7.917	0.00	0.01	0.055	O					0.30
8.000	0.00	0.01	0.055	O					0.30
8.083	0.00	0.01	0.055	O					0.30
8.167	0.00	0.01	0.054	O					0.30
8.250	0.00	0.01	0.054	O					0.30
8.333	0.00	0.01	0.054	O					0.30
8.417	0.00	0.01	0.054	O					0.30
8.500	0.00	0.01	0.054	O					0.30
8.583	0.00	0.01	0.054	O					0.30
8.667	0.00	0.01	0.054	O					0.30
8.750	0.00	0.01	0.054	O					0.30
8.833	0.00	0.01	0.054	O					0.30
8.917	0.00	0.01	0.054	O					0.30
9.000	0.00	0.01	0.054	O					0.30
9.083	0.00	0.01	0.054	O					0.30
9.167	0.00	0.01	0.053	O					0.30
9.250	0.00	0.01	0.053	O					0.30
9.333	0.00	0.01	0.053	O					0.30
9.417	0.00	0.01	0.053	O					0.30
9.500	0.00	0.01	0.053	O					0.30
9.583	0.00	0.01	0.053	O					0.29
9.667	0.00	0.01	0.053	O					0.29
9.750	0.00	0.01	0.053	O					0.29
9.833	0.00	0.01	0.053	O					0.29
9.917	0.00	0.01	0.053	O					0.29
10.000	0.00	0.01	0.053	O					0.29
10.083	0.00	0.01	0.053	O					0.29
10.167	0.00	0.01	0.053	O					0.29
10.250	0.00	0.01	0.052	O					0.29
10.333	0.00	0.01	0.052	O					0.29
10.417	0.00	0.01	0.052	O					0.29
10.500	0.00	0.01	0.052	O					0.29
10.583	0.00	0.01	0.052	O					0.29
10.667	0.00	0.01	0.052	O					0.29
10.750	0.00	0.01	0.052	O					0.29
10.833	0.00	0.01	0.052	O					0.29
10.917	0.00	0.01	0.052	O					0.29
11.000	0.00	0.01	0.052	O					0.29
11.083	0.00	0.01	0.052	O					0.29
11.167	0.00	0.01	0.052	O					0.29
11.250	0.00	0.01	0.051	O					0.29
11.333	0.00	0.01	0.051	O					0.29
11.417	0.00	0.01	0.051	O					0.29
11.500	0.00	0.01	0.051	O					0.28
11.583	0.00	0.01	0.051	O					0.28
11.667	0.00	0.01	0.051	O					0.28
11.750	0.00	0.01	0.051	O					0.28
11.833	0.00	0.01	0.051	O					0.28
11.917	0.00	0.01	0.051	O					0.28
12.000	0.00	0.01	0.051	O					0.28
12.083	0.00	0.01	0.051	O					0.28
12.167	0.00	0.01	0.051	O					0.28

12.250	0.00	0.01	0.051	0				0.28
12.333	0.00	0.01	0.050	0				0.28
12.417	0.00	0.01	0.050	0				0.28
12.500	0.00	0.01	0.050	0				0.28
12.583	0.00	0.01	0.050	0				0.28
12.667	0.00	0.01	0.050	0				0.28
12.750	0.00	0.01	0.050	0				0.28
12.833	0.00	0.01	0.050	0				0.28
12.917	0.00	0.01	0.050	0				0.28
13.000	0.00	0.01	0.050	0				0.28
13.083	0.00	0.01	0.050	0				0.28
13.167	0.00	0.01	0.050	0				0.28
13.250	0.00	0.01	0.050	0				0.28
13.333	0.00	0.01	0.050	0				0.28
13.417	0.00	0.01	0.049	0				0.27
13.500	0.00	0.01	0.049	0				0.27
13.583	0.00	0.01	0.049	0				0.27
13.667	0.00	0.01	0.049	0				0.27
13.750	0.00	0.01	0.049	0				0.27
13.833	0.00	0.01	0.049	0				0.27
13.917	0.00	0.01	0.049	0				0.27
14.000	0.00	0.01	0.049	0				0.27
14.083	0.00	0.01	0.049	0				0.27
14.167	0.00	0.01	0.049	0				0.27
14.250	0.00	0.01	0.049	0				0.27
14.333	0.00	0.01	0.049	0				0.27
14.417	0.00	0.01	0.049	0				0.27
14.500	0.00	0.01	0.049	0				0.27
14.583	0.00	0.01	0.048	0				0.27
14.667	0.00	0.01	0.048	0				0.27
14.750	0.00	0.01	0.048	0				0.27
14.833	0.00	0.01	0.048	0				0.27
14.917	0.00	0.01	0.048	0				0.27
15.000	0.00	0.01	0.048	0				0.27
15.083	0.00	0.01	0.048	0				0.27
15.167	0.00	0.01	0.048	0				0.27
15.250	0.00	0.01	0.048	0				0.27
15.333	0.00	0.01	0.048	0				0.27
15.417	0.00	0.01	0.048	0				0.26
15.500	0.00	0.01	0.048	0				0.26
15.583	0.00	0.01	0.048	0				0.26
15.667	0.00	0.01	0.047	0				0.26
15.750	0.00	0.01	0.047	0				0.26
15.833	0.00	0.01	0.047	0				0.26
15.917	0.00	0.01	0.047	0				0.26
16.000	0.00	0.01	0.047	0				0.26
16.083	0.00	0.01	0.047	0				0.26
16.167	0.00	0.01	0.047	0				0.26
16.250	0.00	0.01	0.047	0				0.26
16.333	0.00	0.01	0.047	0				0.26
16.417	0.00	0.01	0.047	0				0.26
16.500	0.00	0.01	0.047	0				0.26
16.583	0.00	0.01	0.047	0				0.26
16.667	0.00	0.01	0.047	0				0.26
16.750	0.00	0.01	0.047	0				0.26
16.833	0.00	0.01	0.046	0				0.26
16.917	0.00	0.01	0.046	0				0.26
17.000	0.00	0.01	0.046	0				0.26
17.083	0.00	0.01	0.046	0				0.26
17.167	0.00	0.01	0.046	0				0.26
17.250	0.00	0.01	0.046	0				0.26
17.333	0.00	0.01	0.046	0				0.26
17.417	0.00	0.01	0.046	0				0.26
17.500	0.00	0.01	0.046	0				0.26
17.583	0.00	0.01	0.046	0				0.25
17.667	0.00	0.01	0.046	0				0.25
17.750	0.00	0.01	0.046	0				0.25
17.833	0.00	0.01	0.046	0				0.25
17.917	0.00	0.01	0.046	0				0.25
18.000	0.00	0.01	0.045	0				0.25
18.083	0.00	0.01	0.045	0				0.25

18.167	0.00	0.01	0.045	0				0.25
18.250	0.00	0.01	0.045	0				0.25
18.333	0.00	0.01	0.045	0				0.25
18.417	0.00	0.01	0.045	0				0.25
18.500	0.00	0.01	0.045	0				0.25
18.583	0.00	0.01	0.045	0				0.25
18.667	0.00	0.01	0.045	0				0.25
18.750	0.00	0.01	0.045	0				0.25
18.833	0.00	0.01	0.045	0				0.25
18.917	0.00	0.01	0.045	0				0.25
19.000	0.00	0.01	0.045	0				0.25
19.083	0.00	0.01	0.045	0				0.25
19.167	0.00	0.01	0.045	0				0.25
19.250	0.00	0.01	0.044	0				0.25
19.333	0.00	0.01	0.044	0				0.25
19.417	0.00	0.01	0.044	0				0.25
19.500	0.00	0.01	0.044	0				0.25
19.583	0.00	0.01	0.044	0				0.25
19.667	0.00	0.01	0.044	0				0.25
19.750	0.00	0.01	0.044	0				0.24
19.833	0.00	0.01	0.044	0				0.24
19.917	0.00	0.01	0.044	0				0.24
20.000	0.00	0.01	0.044	0				0.24
20.083	0.00	0.01	0.044	0				0.24
20.167	0.00	0.01	0.044	0				0.24
20.250	0.00	0.01	0.044	0				0.24
20.333	0.00	0.01	0.044	0				0.24
20.417	0.00	0.01	0.044	0				0.24
20.500	0.00	0.01	0.043	0				0.24
20.583	0.00	0.01	0.043	0				0.24
20.667	0.00	0.01	0.043	0				0.24
20.750	0.00	0.01	0.043	0				0.24
20.833	0.00	0.01	0.043	0				0.24
20.917	0.00	0.01	0.043	0				0.24
21.000	0.00	0.01	0.043	0				0.24
21.083	0.00	0.01	0.043	0				0.24
21.167	0.00	0.01	0.043	0				0.24
21.250	0.00	0.01	0.043	0				0.24
21.333	0.00	0.01	0.043	0				0.24
21.417	0.00	0.01	0.043	0				0.24
21.500	0.00	0.01	0.043	0				0.24
21.583	0.00	0.01	0.043	0				0.24
21.667	0.00	0.01	0.043	0				0.24
21.750	0.00	0.01	0.042	0				0.24
21.833	0.00	0.01	0.042	0				0.24
21.917	0.00	0.01	0.042	0				0.24
22.000	0.00	0.01	0.042	0				0.23
22.083	0.00	0.01	0.042	0				0.23
22.167	0.00	0.01	0.042	0				0.23
22.250	0.00	0.01	0.042	0				0.23
22.333	0.00	0.01	0.042	0				0.23
22.417	0.00	0.01	0.042	0				0.23
22.500	0.00	0.01	0.042	0				0.23
22.583	0.00	0.01	0.042	0				0.23
22.667	0.00	0.01	0.042	0				0.23
22.750	0.00	0.01	0.042	0				0.23
22.833	0.00	0.01	0.042	0				0.23
22.917	0.00	0.01	0.042	0				0.23
23.000	0.00	0.01	0.041	0				0.23
23.083	0.00	0.01	0.041	0				0.23
23.167	0.00	0.01	0.041	0				0.23
23.250	0.00	0.01	0.041	0				0.23
23.333	0.00	0.01	0.041	0				0.23
23.417	0.00	0.01	0.041	0				0.23
23.500	0.00	0.01	0.041	0				0.23
23.583	0.00	0.01	0.041	0				0.23
23.667	0.00	0.01	0.041	0				0.23
23.750	0.00	0.01	0.041	0				0.23
23.833	0.00	0.01	0.041	0				0.23
23.917	0.00	0.01	0.041	0				0.23
24.000	0.00	0.01	0.041	0				0.23

24.083	0.00	0.01	0.041	0				0.23
24.167	0.00	0.01	0.041	0				0.23
24.250	0.00	0.01	0.041	0				0.23
24.333	0.00	0.01	0.040	0				0.22
24.417	0.00	0.01	0.040	0				0.22
24.500	0.00	0.01	0.040	0				0.22
24.583	0.00	0.01	0.040	0				0.22
24.667	0.00	0.01	0.040	0				0.22
24.750	0.00	0.01	0.040	0				0.22
24.833	0.00	0.01	0.040	0				0.22
24.917	0.00	0.01	0.040	0				0.22
25.000	0.00	0.01	0.040	0				0.22
25.083	0.00	0.01	0.040	0				0.22
25.167	0.00	0.01	0.040	0				0.22
25.250	0.00	0.01	0.040	0				0.22
25.333	0.00	0.01	0.040	0				0.22
25.417	0.00	0.01	0.040	0				0.22
25.500	0.00	0.01	0.040	0				0.22
25.583	0.00	0.01	0.040	0				0.22
25.667	0.00	0.01	0.040	0				0.22
25.750	0.00	0.01	0.039	0				0.22
25.833	0.00	0.01	0.039	0				0.22
25.917	0.00	0.01	0.039	0				0.22
26.000	0.00	0.01	0.039	0				0.22
26.083	0.00	0.01	0.039	0				0.22
26.167	0.00	0.01	0.039	0				0.22
26.250	0.00	0.01	0.039	0				0.22
26.333	0.00	0.01	0.039	0				0.22
26.417	0.00	0.01	0.039	0				0.22
26.500	0.00	0.01	0.039	0				0.22
26.583	0.00	0.01	0.039	0				0.22
26.667	0.00	0.01	0.039	0				0.22
26.750	0.00	0.01	0.039	0				0.22
26.833	0.00	0.01	0.039	0				0.21
26.917	0.00	0.01	0.039	0				0.21
27.000	0.00	0.01	0.039	0				0.21
27.083	0.00	0.01	0.038	0				0.21
27.167	0.00	0.01	0.038	0				0.21
27.250	0.00	0.01	0.038	0				0.21
27.333	0.00	0.01	0.038	0				0.21
27.417	0.00	0.01	0.038	0				0.21
27.500	0.00	0.01	0.038	0				0.21
27.583	0.00	0.01	0.038	0				0.21
27.667	0.00	0.01	0.038	0				0.21
27.750	0.00	0.01	0.038	0				0.21
27.833	0.00	0.01	0.038	0				0.21
27.917	0.00	0.01	0.038	0				0.21
28.000	0.00	0.01	0.038	0				0.21
28.083	0.00	0.01	0.038	0				0.21
28.167	0.00	0.01	0.038	0				0.21
28.250	0.00	0.01	0.038	0				0.21
28.333	0.00	0.01	0.038	0				0.21
28.417	0.00	0.01	0.038	0				0.21
28.500	0.00	0.01	0.038	0				0.21
28.583	0.00	0.01	0.037	0				0.21
28.667	0.00	0.01	0.037	0				0.21
28.750	0.00	0.01	0.037	0				0.21
28.833	0.00	0.01	0.037	0				0.21
28.917	0.00	0.01	0.037	0				0.21
29.000	0.00	0.01	0.037	0				0.21
29.083	0.00	0.01	0.037	0				0.21
29.167	0.00	0.01	0.037	0				0.21
29.250	0.00	0.01	0.037	0				0.21
29.333	0.00	0.01	0.037	0				0.21
29.417	0.00	0.01	0.037	0				0.20
29.500	0.00	0.01	0.037	0				0.20
29.583	0.00	0.01	0.037	0				0.20
29.667	0.00	0.01	0.037	0				0.20
29.750	0.00	0.01	0.037	0				0.20
29.833	0.00	0.01	0.037	0				0.20
29.917	0.00	0.01	0.037	0				0.20

30.000	0.00	0.01	0.036	0				0.20
30.083	0.00	0.01	0.036	0				0.20
30.167	0.00	0.01	0.036	0				0.20
30.250	0.00	0.01	0.036	0				0.20
30.333	0.00	0.01	0.036	0				0.20
30.417	0.00	0.01	0.036	0				0.20
30.500	0.00	0.01	0.036	0				0.20
30.583	0.00	0.01	0.036	0				0.20
30.667	0.00	0.01	0.036	0				0.20
30.750	0.00	0.01	0.036	0				0.20
30.833	0.00	0.01	0.036	0				0.20
30.917	0.00	0.01	0.036	0				0.20
31.000	0.00	0.01	0.036	0				0.20
31.083	0.00	0.01	0.036	0				0.20
31.167	0.00	0.01	0.036	0				0.20
31.250	0.00	0.01	0.036	0				0.20
31.333	0.00	0.01	0.036	0				0.20
31.417	0.00	0.01	0.036	0				0.20
31.500	0.00	0.01	0.035	0				0.20
31.583	0.00	0.01	0.035	0				0.20
31.667	0.00	0.01	0.035	0				0.20
31.750	0.00	0.01	0.035	0				0.20
31.833	0.00	0.01	0.035	0				0.20
31.917	0.00	0.01	0.035	0				0.20
32.000	0.00	0.01	0.035	0				0.20
32.083	0.00	0.01	0.035	0				0.20
32.167	0.00	0.01	0.035	0				0.19
32.250	0.00	0.01	0.035	0				0.19
32.333	0.00	0.01	0.035	0				0.19
32.417	0.00	0.01	0.035	0				0.19
32.500	0.00	0.01	0.035	0				0.19
32.583	0.00	0.01	0.035	0				0.19
32.667	0.00	0.01	0.035	0				0.19
32.750	0.00	0.01	0.035	0				0.19
32.833	0.00	0.01	0.035	0				0.19
32.917	0.00	0.01	0.035	0				0.19
33.000	0.00	0.01	0.035	0				0.19
33.083	0.00	0.01	0.034	0				0.19
33.167	0.00	0.01	0.034	0				0.19
33.250	0.00	0.01	0.034	0				0.19
33.333	0.00	0.01	0.034	0				0.19
33.417	0.00	0.01	0.034	0				0.19
33.500	0.00	0.01	0.034	0				0.19
33.583	0.00	0.01	0.034	0				0.19
33.667	0.00	0.01	0.034	0				0.19
33.750	0.00	0.01	0.034	0				0.19
33.833	0.00	0.01	0.034	0				0.19
33.917	0.00	0.01	0.034	0				0.19
34.000	0.00	0.01	0.034	0				0.19
34.083	0.00	0.01	0.034	0				0.19
34.167	0.00	0.01	0.034	0				0.19
34.250	0.00	0.01	0.034	0				0.19
34.333	0.00	0.01	0.034	0				0.19
34.417	0.00	0.01	0.034	0				0.19
34.500	0.00	0.01	0.034	0				0.19
34.583	0.00	0.01	0.034	0				0.19
34.667	0.00	0.01	0.033	0				0.19
34.750	0.00	0.01	0.033	0				0.19
34.833	0.00	0.01	0.033	0				0.19
34.917	0.00	0.01	0.033	0				0.19
35.000	0.00	0.01	0.033	0				0.18
35.083	0.00	0.01	0.033	0				0.18
35.167	0.00	0.01	0.033	0				0.18
35.250	0.00	0.01	0.033	0				0.18
35.333	0.00	0.01	0.033	0				0.18
35.417	0.00	0.01	0.033	0				0.18
35.500	0.00	0.01	0.033	0				0.18
35.583	0.00	0.01	0.033	0				0.18
35.667	0.00	0.01	0.033	0				0.18
35.750	0.00	0.01	0.033	0				0.18
35.833	0.00	0.01	0.033	0				0.18

35.917	0.00	0.01	0.033	0					0.18
36.000	0.00	0.01	0.033	0					0.18
36.083	0.00	0.01	0.033	0					0.18
36.167	0.00	0.01	0.033	0					0.18
36.250	0.00	0.01	0.033	0					0.18
36.333	0.00	0.01	0.032	0					0.18
36.417	0.00	0.01	0.032	0					0.18
36.500	0.00	0.01	0.032	0					0.18
36.583	0.00	0.01	0.032	0					0.18
36.667	0.00	0.01	0.032	0					0.18
36.750	0.00	0.01	0.032	0					0.18
36.833	0.00	0.01	0.032	0					0.18
36.917	0.00	0.01	0.032	0					0.18
37.000	0.00	0.01	0.032	0					0.18
37.083	0.00	0.01	0.032	0					0.18
37.167	0.00	0.01	0.032	0					0.18
37.250	0.00	0.01	0.032	0					0.18
37.333	0.00	0.01	0.032	0					0.18
37.417	0.00	0.01	0.032	0					0.18
37.500	0.00	0.01	0.032	0					0.18
37.583	0.00	0.01	0.032	0					0.18
37.667	0.00	0.01	0.032	0					0.18
37.750	0.00	0.01	0.032	0					0.18
37.833	0.00	0.01	0.032	0					0.18
37.917	0.00	0.01	0.032	0					0.18
38.000	0.00	0.01	0.032	0					0.18
38.083	0.00	0.01	0.031	0					0.17
38.167	0.00	0.01	0.031	0					0.17
38.250	0.00	0.01	0.031	0					0.17
38.333	0.00	0.01	0.031	0					0.17
38.417	0.00	0.01	0.031	0					0.17
38.500	0.00	0.01	0.031	0					0.17
38.583	0.00	0.01	0.031	0					0.17
38.667	0.00	0.01	0.031	0					0.17
38.750	0.00	0.01	0.031	0					0.17
38.833	0.00	0.01	0.031	0					0.17
38.917	0.00	0.01	0.031	0					0.17
39.000	0.00	0.01	0.031	0					0.17
39.083	0.00	0.01	0.031	0					0.17
39.167	0.00	0.01	0.031	0					0.17
39.250	0.00	0.01	0.031	0					0.17
39.333	0.00	0.01	0.031	0					0.17
39.417	0.00	0.01	0.031	0					0.17
39.500	0.00	0.01	0.031	0					0.17
39.583	0.00	0.01	0.031	0					0.17
39.667	0.00	0.01	0.031	0					0.17
39.750	0.00	0.01	0.031	0					0.17
39.833	0.00	0.01	0.030	0					0.17
39.917	0.00	0.01	0.030	0					0.17
40.000	0.00	0.01	0.030	0					0.17
40.083	0.00	0.01	0.030	0					0.17
40.167	0.00	0.01	0.030	0					0.17
40.250	0.00	0.01	0.030	0					0.17
40.333	0.00	0.01	0.030	0					0.17
40.417	0.00	0.01	0.030	0					0.17
40.500	0.00	0.01	0.030	0					0.17
40.583	0.00	0.01	0.030	0					0.17
40.667	0.00	0.01	0.030	0					0.17
40.750	0.00	0.01	0.030	0					0.17
40.833	0.00	0.01	0.030	0					0.17
40.917	0.00	0.01	0.030	0					0.17
41.000	0.00	0.01	0.030	0					0.17
41.083	0.00	0.01	0.030	0					0.17
41.167	0.00	0.01	0.030	0					0.17
41.250	0.00	0.01	0.030	0					0.16
41.333	0.00	0.01	0.030	0					0.16
41.417	0.00	0.01	0.030	0					0.16
41.500	0.00	0.01	0.030	0					0.16
41.583	0.00	0.01	0.029	0					0.16
41.667	0.00	0.01	0.029	0					0.16
41.750	0.00	0.01	0.029	0					0.16

41.833	0.00	0.01	0.029	0				0.16
41.917	0.00	0.01	0.029	0				0.16
42.000	0.00	0.01	0.029	0				0.16
42.083	0.00	0.01	0.029	0				0.16
42.167	0.00	0.01	0.029	0				0.16
42.250	0.00	0.01	0.029	0				0.16
42.333	0.00	0.01	0.029	0				0.16
42.417	0.00	0.01	0.029	0				0.16
42.500	0.00	0.01	0.029	0				0.16
42.583	0.00	0.01	0.029	0				0.16
42.667	0.00	0.01	0.029	0				0.16
42.750	0.00	0.01	0.029	0				0.16
42.833	0.00	0.01	0.029	0				0.16
42.917	0.00	0.01	0.029	0				0.16
43.000	0.00	0.01	0.029	0				0.16
43.083	0.00	0.01	0.029	0				0.16
43.167	0.00	0.01	0.029	0				0.16
43.250	0.00	0.01	0.029	0				0.16
43.333	0.00	0.01	0.029	0				0.16
43.417	0.00	0.01	0.029	0				0.16
43.500	0.00	0.01	0.028	0				0.16
43.583	0.00	0.01	0.028	0				0.16
43.667	0.00	0.01	0.028	0				0.16
43.750	0.00	0.01	0.028	0				0.16
43.833	0.00	0.01	0.028	0				0.16
43.917	0.00	0.01	0.028	0				0.16
44.000	0.00	0.01	0.028	0				0.16
44.083	0.00	0.01	0.028	0				0.16
44.167	0.00	0.01	0.028	0				0.16
44.250	0.00	0.01	0.028	0				0.16
44.333	0.00	0.01	0.028	0				0.16
44.417	0.00	0.01	0.028	0				0.16
44.500	0.00	0.01	0.028	0				0.16
44.583	0.00	0.01	0.028	0				0.16
44.667	0.00	0.01	0.028	0				0.15
44.750	0.00	0.01	0.028	0				0.15
44.833	0.00	0.01	0.028	0				0.15
44.917	0.00	0.01	0.028	0				0.15
45.000	0.00	0.01	0.028	0				0.15
45.083	0.00	0.01	0.028	0				0.15
45.167	0.00	0.01	0.028	0				0.15
45.250	0.00	0.01	0.028	0				0.15
45.333	0.00	0.01	0.028	0				0.15
45.417	0.00	0.01	0.027	0				0.15
45.500	0.00	0.01	0.027	0				0.15
45.583	0.00	0.01	0.027	0				0.15
45.667	0.00	0.01	0.027	0				0.15
45.750	0.00	0.01	0.027	0				0.15
45.833	0.00	0.01	0.027	0				0.15
45.917	0.00	0.01	0.027	0				0.15
46.000	0.00	0.01	0.027	0				0.15
46.083	0.00	0.01	0.027	0				0.15
46.167	0.00	0.01	0.027	0				0.15
46.250	0.00	0.01	0.027	0				0.15
46.333	0.00	0.01	0.027	0				0.15
46.417	0.00	0.01	0.027	0				0.15
46.500	0.00	0.01	0.027	0				0.15
46.583	0.00	0.01	0.027	0				0.15
46.667	0.00	0.01	0.027	0				0.15
46.750	0.00	0.01	0.027	0				0.15
46.833	0.00	0.01	0.027	0				0.15
46.917	0.00	0.01	0.027	0				0.15
47.000	0.00	0.01	0.027	0				0.15
47.083	0.00	0.01	0.027	0				0.15
47.167	0.00	0.01	0.027	0				0.15
47.250	0.00	0.01	0.027	0				0.15
47.333	0.00	0.01	0.027	0				0.15
47.417	0.00	0.01	0.026	0				0.15
47.500	0.00	0.01	0.026	0				0.15
47.583	0.00	0.01	0.026	0				0.15
47.667	0.00	0.01	0.026	0				0.15

47.750	0.00	0.01	0.026	0				0.15
47.833	0.00	0.01	0.026	0				0.15
47.917	0.00	0.01	0.026	0				0.15
48.000	0.00	0.01	0.026	0				0.15
48.083	0.00	0.01	0.026	0				0.15
48.167	0.00	0.01	0.026	0				0.15
48.250	0.00	0.01	0.026	0				0.14
48.333	0.00	0.01	0.026	0				0.14
48.417	0.00	0.01	0.026	0				0.14
48.500	0.00	0.01	0.026	0				0.14
48.583	0.00	0.01	0.026	0				0.14
48.667	0.00	0.01	0.026	0				0.14
48.750	0.00	0.01	0.026	0				0.14
48.833	0.00	0.01	0.026	0				0.14
48.917	0.00	0.01	0.026	0				0.14
49.000	0.00	0.01	0.026	0				0.14
49.083	0.00	0.01	0.026	0				0.14
49.167	0.00	0.01	0.026	0				0.14
49.250	0.00	0.01	0.026	0				0.14
49.333	0.00	0.01	0.026	0				0.14
49.417	0.00	0.01	0.026	0				0.14
49.500	0.00	0.01	0.026	0				0.14
49.583	0.00	0.01	0.025	0				0.14
49.667	0.00	0.01	0.025	0				0.14
49.750	0.00	0.01	0.025	0				0.14
49.833	0.00	0.01	0.025	0				0.14
49.917	0.00	0.01	0.025	0				0.14
50.000	0.00	0.01	0.025	0				0.14
50.083	0.00	0.01	0.025	0				0.14
50.167	0.00	0.01	0.025	0				0.14
50.250	0.00	0.01	0.025	0				0.14
50.333	0.00	0.01	0.025	0				0.14
50.417	0.00	0.01	0.025	0				0.14
50.500	0.00	0.01	0.025	0				0.14
50.583	0.00	0.01	0.025	0				0.14
50.667	0.00	0.01	0.025	0				0.14
50.750	0.00	0.01	0.025	0				0.14
50.833	0.00	0.01	0.025	0				0.14
50.917	0.00	0.01	0.025	0				0.14
51.000	0.00	0.01	0.025	0				0.14
51.083	0.00	0.01	0.025	0				0.14
51.167	0.00	0.01	0.025	0				0.14
51.250	0.00	0.01	0.025	0				0.14
51.333	0.00	0.01	0.025	0				0.14
51.417	0.00	0.01	0.025	0				0.14
51.500	0.00	0.01	0.025	0				0.14
51.583	0.00	0.01	0.025	0				0.14
51.667	0.00	0.01	0.025	0				0.14
51.750	0.00	0.01	0.024	0				0.14
51.833	0.00	0.01	0.024	0				0.14
51.917	0.00	0.01	0.024	0				0.14
52.000	0.00	0.01	0.024	0				0.14
52.083	0.00	0.01	0.024	0				0.14
52.167	0.00	0.01	0.024	0				0.13
52.250	0.00	0.01	0.024	0				0.13
52.333	0.00	0.01	0.024	0				0.13
52.417	0.00	0.01	0.024	0				0.13
52.500	0.00	0.01	0.024	0				0.13
52.583	0.00	0.01	0.024	0				0.13
52.667	0.00	0.01	0.024	0				0.13
52.750	0.00	0.01	0.024	0				0.13
52.833	0.00	0.01	0.024	0				0.13
52.917	0.00	0.01	0.024	0				0.13
53.000	0.00	0.01	0.024	0				0.13
53.083	0.00	0.01	0.024	0				0.13
53.167	0.00	0.01	0.024	0				0.13
53.250	0.00	0.01	0.024	0				0.13
53.333	0.00	0.01	0.024	0				0.13
53.417	0.00	0.01	0.024	0				0.13
53.500	0.00	0.01	0.024	0				0.13
53.583	0.00	0.01	0.024	0				0.13

53.667	0.00	0.01	0.024	0				0.13
53.750	0.00	0.01	0.024	0				0.13
53.833	0.00	0.01	0.024	0				0.13
53.917	0.00	0.01	0.024	0				0.13
54.000	0.00	0.01	0.023	0				0.13
54.083	0.00	0.01	0.023	0				0.13
54.167	0.00	0.01	0.023	0				0.13
54.250	0.00	0.01	0.023	0				0.13
54.333	0.00	0.01	0.023	0				0.13
54.417	0.00	0.01	0.023	0				0.13
54.500	0.00	0.01	0.023	0				0.13
54.583	0.00	0.01	0.023	0				0.13
54.667	0.00	0.01	0.023	0				0.13
54.750	0.00	0.01	0.023	0				0.13
54.833	0.00	0.01	0.023	0				0.13
54.917	0.00	0.01	0.023	0				0.13
55.000	0.00	0.01	0.023	0				0.13
55.083	0.00	0.01	0.023	0				0.13
55.167	0.00	0.01	0.023	0				0.13
55.250	0.00	0.01	0.023	0				0.13
55.333	0.00	0.01	0.023	0				0.13
55.417	0.00	0.01	0.023	0				0.13
55.500	0.00	0.01	0.023	0				0.13
55.583	0.00	0.01	0.023	0				0.13
55.667	0.00	0.01	0.023	0				0.13
55.750	0.00	0.01	0.023	0				0.13
55.833	0.00	0.01	0.023	0				0.13
55.917	0.00	0.01	0.023	0				0.13
56.000	0.00	0.01	0.023	0				0.13
56.083	0.00	0.01	0.023	0				0.13
56.167	0.00	0.01	0.023	0				0.13
56.250	0.00	0.01	0.023	0				0.13
56.333	0.00	0.00	0.022	0				0.12
56.417	0.00	0.00	0.022	0				0.12
56.500	0.00	0.00	0.022	0				0.12
56.583	0.00	0.00	0.022	0				0.12
56.667	0.00	0.00	0.022	0				0.12
56.750	0.00	0.00	0.022	0				0.12
56.833	0.00	0.00	0.022	0				0.12
56.917	0.00	0.00	0.022	0				0.12
57.000	0.00	0.00	0.022	0				0.12
57.083	0.00	0.00	0.022	0				0.12
57.167	0.00	0.00	0.022	0				0.12
57.250	0.00	0.00	0.022	0				0.12
57.333	0.00	0.00	0.022	0				0.12
57.417	0.00	0.00	0.022	0				0.12
57.500	0.00	0.00	0.022	0				0.12
57.583	0.00	0.00	0.022	0				0.12
57.667	0.00	0.00	0.022	0				0.12
57.750	0.00	0.00	0.022	0				0.12
57.833	0.00	0.00	0.022	0				0.12
57.917	0.00	0.00	0.022	0				0.12
58.000	0.00	0.00	0.022	0				0.12
58.083	0.00	0.00	0.022	0				0.12
58.167	0.00	0.00	0.022	0				0.12
58.250	0.00	0.00	0.022	0				0.12
58.333	0.00	0.00	0.022	0				0.12
58.417	0.00	0.00	0.022	0				0.12
58.500	0.00	0.00	0.022	0				0.12
58.583	0.00	0.00	0.022	0				0.12
58.667	0.00	0.00	0.022	0				0.12
58.750	0.00	0.00	0.022	0				0.12
58.833	0.00	0.00	0.021	0				0.12
58.917	0.00	0.00	0.021	0				0.12
59.000	0.00	0.00	0.021	0				0.12
59.083	0.00	0.00	0.021	0				0.12
59.167	0.00	0.00	0.021	0				0.12
59.250	0.00	0.00	0.021	0				0.12
59.333	0.00	0.00	0.021	0				0.12
59.417	0.00	0.00	0.021	0				0.12
59.500	0.00	0.00	0.021	0				0.12

59.583	0.00	0.00	0.021	0				0.12
59.667	0.00	0.00	0.021	0				0.12
59.750	0.00	0.00	0.021	0				0.12
59.833	0.00	0.00	0.021	0				0.12
59.917	0.00	0.00	0.021	0				0.12
60.000	0.00	0.00	0.021	0				0.12
60.083	0.00	0.00	0.021	0				0.12
60.167	0.00	0.00	0.021	0				0.12
60.250	0.00	0.00	0.021	0				0.12
60.333	0.00	0.00	0.021	0				0.12
60.417	0.00	0.00	0.021	0				0.12
60.500	0.00	0.00	0.021	0				0.12
60.583	0.00	0.00	0.021	0				0.12
60.667	0.00	0.00	0.021	0				0.12
60.750	0.00	0.00	0.021	0				0.12
60.833	0.00	0.00	0.021	0				0.12
60.917	0.00	0.00	0.021	0				0.11
61.000	0.00	0.00	0.021	0				0.11
61.083	0.00	0.00	0.021	0				0.11
61.167	0.00	0.00	0.021	0				0.11
61.250	0.00	0.00	0.021	0				0.11
61.333	0.00	0.00	0.021	0				0.11
61.417	0.00	0.00	0.020	0				0.11
61.500	0.00	0.00	0.020	0				0.11
61.583	0.00	0.00	0.020	0				0.11
61.667	0.00	0.00	0.020	0				0.11
61.750	0.00	0.00	0.020	0				0.11
61.833	0.00	0.00	0.020	0				0.11
61.917	0.00	0.00	0.020	0				0.11
62.000	0.00	0.00	0.020	0				0.11
62.083	0.00	0.00	0.020	0				0.11
62.167	0.00	0.00	0.020	0				0.11
62.250	0.00	0.00	0.020	0				0.11
62.333	0.00	0.00	0.020	0				0.11
62.417	0.00	0.00	0.020	0				0.11
62.500	0.00	0.00	0.020	0				0.11
62.583	0.00	0.00	0.020	0				0.11
62.667	0.00	0.00	0.020	0				0.11
62.750	0.00	0.00	0.020	0				0.11
62.833	0.00	0.00	0.020	0				0.11
62.917	0.00	0.00	0.020	0				0.11
63.000	0.00	0.00	0.020	0				0.11
63.083	0.00	0.00	0.020	0				0.11
63.167	0.00	0.00	0.020	0				0.11
63.250	0.00	0.00	0.020	0				0.11
63.333	0.00	0.00	0.020	0				0.11
63.417	0.00	0.00	0.020	0				0.11
63.500	0.00	0.00	0.020	0				0.11
63.583	0.00	0.00	0.020	0				0.11
63.667	0.00	0.00	0.020	0				0.11
63.750	0.00	0.00	0.020	0				0.11
63.833	0.00	0.00	0.020	0				0.11
63.917	0.00	0.00	0.020	0				0.11
64.000	0.00	0.00	0.020	0				0.11
64.083	0.00	0.00	0.020	0				0.11
64.167	0.00	0.00	0.019	0				0.11
64.250	0.00	0.00	0.019	0				0.11
64.333	0.00	0.00	0.019	0				0.11
64.417	0.00	0.00	0.019	0				0.11
64.500	0.00	0.00	0.019	0				0.11
64.583	0.00	0.00	0.019	0				0.11
64.667	0.00	0.00	0.019	0				0.11
64.750	0.00	0.00	0.019	0				0.11
64.833	0.00	0.00	0.019	0				0.11
64.917	0.00	0.00	0.019	0				0.11
65.000	0.00	0.00	0.019	0				0.11
65.083	0.00	0.00	0.019	0				0.11
65.167	0.00	0.00	0.019	0				0.11
65.250	0.00	0.00	0.019	0				0.11
65.333	0.00	0.00	0.019	0				0.11
65.417	0.00	0.00	0.019	0				0.11

65.500	0.00	0.00	0.019	0				0.11
65.583	0.00	0.00	0.019	0				0.11
65.667	0.00	0.00	0.019	0				0.11
65.750	0.00	0.00	0.019	0				0.11
65.833	0.00	0.00	0.019	0				0.10
65.917	0.00	0.00	0.019	0				0.10
66.000	0.00	0.00	0.019	0				0.10
66.083	0.00	0.00	0.019	0				0.10
66.167	0.00	0.00	0.019	0				0.10
66.250	0.00	0.00	0.019	0				0.10
66.333	0.00	0.00	0.019	0				0.10
66.417	0.00	0.00	0.019	0				0.10
66.500	0.00	0.00	0.019	0				0.10
66.583	0.00	0.00	0.019	0				0.10
66.667	0.00	0.00	0.019	0				0.10
66.750	0.00	0.00	0.019	0				0.10
66.833	0.00	0.00	0.019	0				0.10
66.917	0.00	0.00	0.019	0				0.10
67.000	0.00	0.00	0.018	0				0.10
67.083	0.00	0.00	0.018	0				0.10
67.167	0.00	0.00	0.018	0				0.10
67.250	0.00	0.00	0.018	0				0.10
67.333	0.00	0.00	0.018	0				0.10
67.417	0.00	0.00	0.018	0				0.10
67.500	0.00	0.00	0.018	0				0.10
67.583	0.00	0.00	0.018	0				0.10
67.667	0.00	0.00	0.018	0				0.10
67.750	0.00	0.00	0.018	0				0.10
67.833	0.00	0.00	0.018	0				0.10
67.917	0.00	0.00	0.018	0				0.10
68.000	0.00	0.00	0.018	0				0.10
68.083	0.00	0.00	0.018	0				0.10
68.167	0.00	0.00	0.018	0				0.10
68.250	0.00	0.00	0.018	0				0.10
68.333	0.00	0.00	0.018	0				0.10
68.417	0.00	0.00	0.018	0				0.10
68.500	0.00	0.00	0.018	0				0.10
68.583	0.00	0.00	0.018	0				0.10
68.667	0.00	0.00	0.018	0				0.10
68.750	0.00	0.00	0.018	0				0.10
68.833	0.00	0.00	0.018	0				0.10
68.917	0.00	0.00	0.018	0				0.10
69.000	0.00	0.00	0.018	0				0.10
69.083	0.00	0.00	0.018	0				0.10
69.167	0.00	0.00	0.018	0				0.10
69.250	0.00	0.00	0.018	0				0.10
69.333	0.00	0.00	0.018	0				0.10
69.417	0.00	0.00	0.018	0				0.10
69.500	0.00	0.00	0.018	0				0.10
69.583	0.00	0.00	0.018	0				0.10
69.667	0.00	0.00	0.018	0				0.10
69.750	0.00	0.00	0.018	0				0.10
69.833	0.00	0.00	0.018	0				0.10
69.917	0.00	0.00	0.018	0				0.10
70.000	0.00	0.00	0.018	0				0.10
70.083	0.00	0.00	0.017	0				0.10
70.167	0.00	0.00	0.017	0				0.10
70.250	0.00	0.00	0.017	0				0.10
70.333	0.00	0.00	0.017	0				0.10
70.417	0.00	0.00	0.017	0				0.10
70.500	0.00	0.00	0.017	0				0.10
70.583	0.00	0.00	0.017	0				0.10
70.667	0.00	0.00	0.017	0				0.10
70.750	0.00	0.00	0.017	0				0.10
70.833	0.00	0.00	0.017	0				0.10
70.917	0.00	0.00	0.017	0				0.10
71.000	0.00	0.00	0.017	0				0.10
71.083	0.00	0.00	0.017	0				0.10
71.167	0.00	0.00	0.017	0				0.10
71.250	0.00	0.00	0.017	0				0.10
71.333	0.00	0.00	0.017	0				0.09

71.417	0.00	0.00	0.017	0				0.09
71.500	0.00	0.00	0.017	0				0.09
71.583	0.00	0.00	0.017	0				0.09
71.667	0.00	0.00	0.017	0				0.09
71.750	0.00	0.00	0.017	0				0.09
71.833	0.00	0.00	0.017	0				0.09
71.917	0.00	0.00	0.017	0				0.09
72.000	0.00	0.00	0.017	0				0.09
72.083	0.00	0.00	0.017	0				0.09
72.167	0.00	0.00	0.017	0				0.09
72.250	0.00	0.00	0.017	0				0.09
72.333	0.00	0.00	0.017	0				0.09
72.417	0.00	0.00	0.017	0				0.09
72.500	0.00	0.00	0.017	0				0.09
72.583	0.00	0.00	0.017	0				0.09
72.667	0.00	0.00	0.017	0				0.09
72.750	0.00	0.00	0.017	0				0.09
72.833	0.00	0.00	0.017	0				0.09
72.917	0.00	0.00	0.017	0				0.09
73.000	0.00	0.00	0.017	0				0.09
73.083	0.00	0.00	0.017	0				0.09
73.167	0.00	0.00	0.017	0				0.09
73.250	0.00	0.00	0.016	0				0.09
73.333	0.00	0.00	0.016	0				0.09
73.417	0.00	0.00	0.016	0				0.09
73.500	0.00	0.00	0.016	0				0.09
73.583	0.00	0.00	0.016	0				0.09
73.667	0.00	0.00	0.016	0				0.09
73.750	0.00	0.00	0.016	0				0.09
73.833	0.00	0.00	0.016	0				0.09
73.917	0.00	0.00	0.016	0				0.09
74.000	0.00	0.00	0.016	0				0.09
74.083	0.00	0.00	0.016	0				0.09
74.167	0.00	0.00	0.016	0				0.09
74.250	0.00	0.00	0.016	0				0.09
74.333	0.00	0.00	0.016	0				0.09
74.417	0.00	0.00	0.016	0				0.09
74.500	0.00	0.00	0.016	0				0.09
74.583	0.00	0.00	0.016	0				0.09
74.667	0.00	0.00	0.016	0				0.09
74.750	0.00	0.00	0.016	0				0.09
74.833	0.00	0.00	0.016	0				0.09
74.917	0.00	0.00	0.016	0				0.09
75.000	0.00	0.00	0.016	0				0.09
75.083	0.00	0.00	0.016	0				0.09
75.167	0.00	0.00	0.016	0				0.09
75.250	0.00	0.00	0.016	0				0.09
75.333	0.00	0.00	0.016	0				0.09
75.417	0.00	0.00	0.016	0				0.09
75.500	0.00	0.00	0.016	0				0.09
75.583	0.00	0.00	0.016	0				0.09
75.667	0.00	0.00	0.016	0				0.09
75.750	0.00	0.00	0.016	0				0.09
75.833	0.00	0.00	0.016	0				0.09
75.917	0.00	0.00	0.016	0				0.09
76.000	0.00	0.00	0.016	0				0.09
76.083	0.00	0.00	0.016	0				0.09
76.167	0.00	0.00	0.016	0				0.09
76.250	0.00	0.00	0.016	0				0.09
76.333	0.00	0.00	0.016	0				0.09
76.417	0.00	0.00	0.016	0				0.09
76.500	0.00	0.00	0.016	0				0.09
76.583	0.00	0.00	0.016	0				0.09
76.667	0.00	0.00	0.015	0				0.09
76.750	0.00	0.00	0.015	0				0.09
76.833	0.00	0.00	0.015	0				0.09
76.917	0.00	0.00	0.015	0				0.09
77.000	0.00	0.00	0.015	0				0.09
77.083	0.00	0.00	0.015	0				0.09
77.167	0.00	0.00	0.015	0				0.09
77.250	0.00	0.00	0.015	0				0.09

77.333	0.00	0.00	0.015	0				0.08
77.417	0.00	0.00	0.015	0				0.08
77.500	0.00	0.00	0.015	0				0.08
77.583	0.00	0.00	0.015	0				0.08
77.667	0.00	0.00	0.015	0				0.08
77.750	0.00	0.00	0.015	0				0.08
77.833	0.00	0.00	0.015	0				0.08
77.917	0.00	0.00	0.015	0				0.08
78.000	0.00	0.00	0.015	0				0.08
78.083	0.00	0.00	0.015	0				0.08
78.167	0.00	0.00	0.015	0				0.08
78.250	0.00	0.00	0.015	0				0.08
78.333	0.00	0.00	0.015	0				0.08
78.417	0.00	0.00	0.015	0				0.08
78.500	0.00	0.00	0.015	0				0.08
78.583	0.00	0.00	0.015	0				0.08
78.667	0.00	0.00	0.015	0				0.08
78.750	0.00	0.00	0.015	0				0.08
78.833	0.00	0.00	0.015	0				0.08
78.917	0.00	0.00	0.015	0				0.08
79.000	0.00	0.00	0.015	0				0.08
79.083	0.00	0.00	0.015	0				0.08
79.167	0.00	0.00	0.015	0				0.08
79.250	0.00	0.00	0.015	0				0.08
79.333	0.00	0.00	0.015	0				0.08
79.417	0.00	0.00	0.015	0				0.08
79.500	0.00	0.00	0.015	0				0.08
79.583	0.00	0.00	0.015	0				0.08
79.667	0.00	0.00	0.015	0				0.08
79.750	0.00	0.00	0.015	0				0.08
79.833	0.00	0.00	0.015	0				0.08
79.917	0.00	0.00	0.015	0				0.08
80.000	0.00	0.00	0.015	0				0.08
80.083	0.00	0.00	0.015	0				0.08
80.167	0.00	0.00	0.015	0				0.08
80.250	0.00	0.00	0.014	0				0.08
80.333	0.00	0.00	0.014	0				0.08
80.417	0.00	0.00	0.014	0				0.08
80.500	0.00	0.00	0.014	0				0.08
80.583	0.00	0.00	0.014	0				0.08
80.667	0.00	0.00	0.014	0				0.08
80.750	0.00	0.00	0.014	0				0.08
80.833	0.00	0.00	0.014	0				0.08
80.917	0.00	0.00	0.014	0				0.08
81.000	0.00	0.00	0.014	0				0.08
81.083	0.00	0.00	0.014	0				0.08
81.167	0.00	0.00	0.014	0				0.08
81.250	0.00	0.00	0.014	0				0.08
81.333	0.00	0.00	0.014	0				0.08
81.417	0.00	0.00	0.014	0				0.08
81.500	0.00	0.00	0.014	0				0.08
81.583	0.00	0.00	0.014	0				0.08
81.667	0.00	0.00	0.014	0				0.08
81.750	0.00	0.00	0.014	0				0.08
81.833	0.00	0.00	0.014	0				0.08
81.917	0.00	0.00	0.014	0				0.08
82.000	0.00	0.00	0.014	0				0.08
82.083	0.00	0.00	0.014	0				0.08
82.167	0.00	0.00	0.014	0				0.08
82.250	0.00	0.00	0.014	0				0.08
82.333	0.00	0.00	0.014	0				0.08
82.417	0.00	0.00	0.014	0				0.08
82.500	0.00	0.00	0.014	0				0.08
82.583	0.00	0.00	0.014	0				0.08
82.667	0.00	0.00	0.014	0				0.08
82.750	0.00	0.00	0.014	0				0.08
82.833	0.00	0.00	0.014	0				0.08
82.917	0.00	0.00	0.014	0				0.08
83.000	0.00	0.00	0.014	0				0.08
83.083	0.00	0.00	0.014	0				0.08
83.167	0.00	0.00	0.014	0				0.08

83.250	0.00	0.00	0.014	0				0.08
83.333	0.00	0.00	0.014	0				0.08
83.417	0.00	0.00	0.014	0				0.08
83.500	0.00	0.00	0.014	0				0.08
83.583	0.00	0.00	0.014	0				0.08
83.667	0.00	0.00	0.014	0				0.08
83.750	0.00	0.00	0.014	0				0.08
83.833	0.00	0.00	0.014	0				0.08
83.917	0.00	0.00	0.014	0				0.08
84.000	0.00	0.00	0.014	0				0.08
84.083	0.00	0.00	0.014	0				0.08
84.167	0.00	0.00	0.013	0				0.07
84.250	0.00	0.00	0.013	0				0.07
84.333	0.00	0.00	0.013	0				0.07
84.417	0.00	0.00	0.013	0				0.07
84.500	0.00	0.00	0.013	0				0.07
84.583	0.00	0.00	0.013	0				0.07
84.667	0.00	0.00	0.013	0				0.07
84.750	0.00	0.00	0.013	0				0.07
84.833	0.00	0.00	0.013	0				0.07
84.917	0.00	0.00	0.013	0				0.07
85.000	0.00	0.00	0.013	0				0.07
85.083	0.00	0.00	0.013	0				0.07
85.167	0.00	0.00	0.013	0				0.07
85.250	0.00	0.00	0.013	0				0.07
85.333	0.00	0.00	0.013	0				0.07
85.417	0.00	0.00	0.013	0				0.07
85.500	0.00	0.00	0.013	0				0.07
85.583	0.00	0.00	0.013	0				0.07
85.667	0.00	0.00	0.013	0				0.07
85.750	0.00	0.00	0.013	0				0.07
85.833	0.00	0.00	0.013	0				0.07
85.917	0.00	0.00	0.013	0				0.07
86.000	0.00	0.00	0.013	0				0.07
86.083	0.00	0.00	0.013	0				0.07
86.167	0.00	0.00	0.013	0				0.07
86.250	0.00	0.00	0.013	0				0.07
86.333	0.00	0.00	0.013	0				0.07
86.417	0.00	0.00	0.013	0				0.07
86.500	0.00	0.00	0.013	0				0.07
86.583	0.00	0.00	0.013	0				0.07
86.667	0.00	0.00	0.013	0				0.07
86.750	0.00	0.00	0.013	0				0.07
86.833	0.00	0.00	0.013	0				0.07
86.917	0.00	0.00	0.013	0				0.07
87.000	0.00	0.00	0.013	0				0.07
87.083	0.00	0.00	0.013	0				0.07
87.167	0.00	0.00	0.013	0				0.07
87.250	0.00	0.00	0.013	0				0.07
87.333	0.00	0.00	0.013	0				0.07
87.417	0.00	0.00	0.013	0				0.07
87.500	0.00	0.00	0.013	0				0.07
87.583	0.00	0.00	0.013	0				0.07
87.667	0.00	0.00	0.013	0				0.07
87.750	0.00	0.00	0.013	0				0.07
87.833	0.00	0.00	0.013	0				0.07
87.917	0.00	0.00	0.013	0				0.07
88.000	0.00	0.00	0.013	0				0.07
88.083	0.00	0.00	0.013	0				0.07
88.167	0.00	0.00	0.013	0				0.07
88.250	0.00	0.00	0.013	0				0.07
88.333	0.00	0.00	0.012	0				0.07
88.417	0.00	0.00	0.012	0				0.07
88.500	0.00	0.00	0.012	0				0.07
88.583	0.00	0.00	0.012	0				0.07
88.667	0.00	0.00	0.012	0				0.07
88.750	0.00	0.00	0.012	0				0.07
88.833	0.00	0.00	0.012	0				0.07
88.917	0.00	0.00	0.012	0				0.07
89.000	0.00	0.00	0.012	0				0.07
89.083	0.00	0.00	0.012	0				0.07

89.167	0.00	0.00	0.012	0				0.07
89.250	0.00	0.00	0.012	0				0.07
89.333	0.00	0.00	0.012	0				0.07
89.417	0.00	0.00	0.012	0				0.07
89.500	0.00	0.00	0.012	0				0.07
89.583	0.00	0.00	0.012	0				0.07
89.667	0.00	0.00	0.012	0				0.07
89.750	0.00	0.00	0.012	0				0.07
89.833	0.00	0.00	0.012	0				0.07
89.917	0.00	0.00	0.012	0				0.07
90.000	0.00	0.00	0.012	0				0.07
90.083	0.00	0.00	0.012	0				0.07
90.167	0.00	0.00	0.012	0				0.07
90.250	0.00	0.00	0.012	0				0.07
90.333	0.00	0.00	0.012	0				0.07
90.417	0.00	0.00	0.012	0				0.07
90.500	0.00	0.00	0.012	0				0.07
90.583	0.00	0.00	0.012	0				0.07
90.667	0.00	0.00	0.012	0				0.07
90.750	0.00	0.00	0.012	0				0.07
90.833	0.00	0.00	0.012	0				0.07
90.917	0.00	0.00	0.012	0				0.07
91.000	0.00	0.00	0.012	0				0.07
91.083	0.00	0.00	0.012	0				0.07
91.167	0.00	0.00	0.012	0				0.07
91.250	0.00	0.00	0.012	0				0.07
91.333	0.00	0.00	0.012	0				0.07
91.417	0.00	0.00	0.012	0				0.07
91.500	0.00	0.00	0.012	0				0.07
91.583	0.00	0.00	0.012	0				0.07
91.667	0.00	0.00	0.012	0				0.07
91.750	0.00	0.00	0.012	0				0.07
91.833	0.00	0.00	0.012	0				0.07
91.917	0.00	0.00	0.012	0				0.07
92.000	0.00	0.00	0.012	0				0.06
92.083	0.00	0.00	0.012	0				0.06
92.167	0.00	0.00	0.012	0				0.06
92.250	0.00	0.00	0.012	0				0.06
92.333	0.00	0.00	0.012	0				0.06
92.417	0.00	0.00	0.012	0				0.06
92.500	0.00	0.00	0.012	0				0.06
92.583	0.00	0.00	0.012	0				0.06
92.667	0.00	0.00	0.012	0				0.06
92.750	0.00	0.00	0.012	0				0.06
92.833	0.00	0.00	0.012	0				0.06
92.917	0.00	0.00	0.011	0				0.06
93.000	0.00	0.00	0.011	0				0.06
93.083	0.00	0.00	0.011	0				0.06
93.167	0.00	0.00	0.011	0				0.06
93.250	0.00	0.00	0.011	0				0.06
93.333	0.00	0.00	0.011	0				0.06
93.417	0.00	0.00	0.011	0				0.06
93.500	0.00	0.00	0.011	0				0.06
93.583	0.00	0.00	0.011	0				0.06
93.667	0.00	0.00	0.011	0				0.06
93.750	0.00	0.00	0.011	0				0.06
93.833	0.00	0.00	0.011	0				0.06
93.917	0.00	0.00	0.011	0				0.06
94.000	0.00	0.00	0.011	0				0.06
94.083	0.00	0.00	0.011	0				0.06
94.167	0.00	0.00	0.011	0				0.06
94.250	0.00	0.00	0.011	0				0.06
94.333	0.00	0.00	0.011	0				0.06
94.417	0.00	0.00	0.011	0				0.06
94.500	0.00	0.00	0.011	0				0.06
94.583	0.00	0.00	0.011	0				0.06
94.667	0.00	0.00	0.011	0				0.06
94.750	0.00	0.00	0.011	0				0.06
94.833	0.00	0.00	0.011	0				0.06
94.917	0.00	0.00	0.011	0				0.06
95.000	0.00	0.00	0.011	0				0.06

95.083	0.00	0.00	0.011	0				0.06
95.167	0.00	0.00	0.011	0				0.06
95.250	0.00	0.00	0.011	0				0.06
95.333	0.00	0.00	0.011	0				0.06
95.417	0.00	0.00	0.011	0				0.06
95.500	0.00	0.00	0.011	0				0.06
95.583	0.00	0.00	0.011	0				0.06
95.667	0.00	0.00	0.011	0				0.06
95.750	0.00	0.00	0.011	0				0.06
95.833	0.00	0.00	0.011	0				0.06
95.917	0.00	0.00	0.011	0				0.06
96.000	0.00	0.00	0.011	0				0.06
96.083	0.00	0.00	0.011	0				0.06
96.167	0.00	0.00	0.011	0				0.06
96.250	0.00	0.00	0.011	0				0.06
96.333	0.00	0.00	0.011	0				0.06
96.417	0.00	0.00	0.011	0				0.06
96.500	0.00	0.00	0.011	0				0.06
96.583	0.00	0.00	0.011	0				0.06
96.667	0.00	0.00	0.011	0				0.06
96.750	0.00	0.00	0.011	0				0.06
96.833	0.00	0.00	0.011	0				0.06
96.917	0.00	0.00	0.011	0				0.06
97.000	0.00	0.00	0.011	0				0.06
97.083	0.00	0.00	0.011	0				0.06
97.167	0.00	0.00	0.011	0				0.06
97.250	0.00	0.00	0.011	0				0.06
97.333	0.00	0.00	0.011	0				0.06
97.417	0.00	0.00	0.011	0				0.06
97.500	0.00	0.00	0.011	0				0.06
97.583	0.00	0.00	0.011	0				0.06
97.667	0.00	0.00	0.011	0				0.06
97.750	0.00	0.00	0.011	0				0.06
97.833	0.00	0.00	0.010	0				0.06
97.917	0.00	0.00	0.010	0				0.06
98.000	0.00	0.00	0.010	0				0.06
98.083	0.00	0.00	0.010	0				0.06
98.167	0.00	0.00	0.010	0				0.06
98.250	0.00	0.00	0.010	0				0.06
98.333	0.00	0.00	0.010	0				0.06
98.417	0.00	0.00	0.010	0				0.06
98.500	0.00	0.00	0.010	0				0.06
98.583	0.00	0.00	0.010	0				0.06
98.667	0.00	0.00	0.010	0				0.06
98.750	0.00	0.00	0.010	0				0.06
98.833	0.00	0.00	0.010	0				0.06
98.917	0.00	0.00	0.010	0				0.06
99.000	0.00	0.00	0.010	0				0.06
99.083	0.00	0.00	0.010	0				0.06
99.167	0.00	0.00	0.010	0				0.06
99.250	0.00	0.00	0.010	0				0.06
99.333	0.00	0.00	0.010	0				0.06
99.417	0.00	0.00	0.010	0				0.06
99.500	0.00	0.00	0.010	0				0.06
99.583	0.00	0.00	0.010	0				0.06
99.667	0.00	0.00	0.010	0				0.06
99.750	0.00	0.00	0.010	0				0.06
99.833	0.00	0.00	0.010	0				0.06
99.917	0.00	0.00	0.010	0				0.06
100.000	0.00	0.00	0.010	0				0.06
100.083	0.00	0.00	0.010	0				0.06
100.167	0.00	0.00	0.010	0				0.06
100.250	0.00	0.00	0.010	0				0.06
100.333	0.00	0.00	0.010	0				0.06
100.417	0.00	0.00	0.010	0				0.06
100.500	0.00	0.00	0.010	0				0.06
100.583	0.00	0.00	0.010	0				0.06
100.667	0.00	0.00	0.010	0				0.06
100.750	0.00	0.00	0.010	0				0.06
100.833	0.00	0.00	0.010	0				0.06
100.917	0.00	0.00	0.010	0				0.06

101.000	0.00	0.00	0.010	0				0.06
101.083	0.00	0.00	0.010	0				0.05
101.167	0.00	0.00	0.010	0				0.05
101.250	0.00	0.00	0.010	0				0.05
101.333	0.00	0.00	0.010	0				0.05
101.417	0.00	0.00	0.010	0				0.05
101.500	0.00	0.00	0.010	0				0.05
101.583	0.00	0.00	0.010	0				0.05
101.667	0.00	0.00	0.010	0				0.05
101.750	0.00	0.00	0.010	0				0.05
101.833	0.00	0.00	0.010	0				0.05
101.917	0.00	0.00	0.010	0				0.05
102.000	0.00	0.00	0.010	0				0.05
102.083	0.00	0.00	0.010	0				0.05
102.167	0.00	0.00	0.010	0				0.05
102.250	0.00	0.00	0.010	0				0.05
102.333	0.00	0.00	0.010	0				0.05
102.417	0.00	0.00	0.010	0				0.05
102.500	0.00	0.00	0.010	0				0.05
102.583	0.00	0.00	0.010	0				0.05
102.667	0.00	0.00	0.010	0				0.05
102.750	0.00	0.00	0.010	0				0.05
102.833	0.00	0.00	0.010	0				0.05
102.917	0.00	0.00	0.010	0				0.05
103.000	0.00	0.00	0.010	0				0.05
103.083	0.00	0.00	0.010	0				0.05
103.167	0.00	0.00	0.010	0				0.05
103.250	0.00	0.00	0.010	0				0.05
103.333	0.00	0.00	0.009	0				0.05
103.417	0.00	0.00	0.009	0				0.05
103.500	0.00	0.00	0.009	0				0.05
103.583	0.00	0.00	0.009	0				0.05
103.667	0.00	0.00	0.009	0				0.05
103.750	0.00	0.00	0.009	0				0.05
103.833	0.00	0.00	0.009	0				0.05
103.917	0.00	0.00	0.009	0				0.05
104.000	0.00	0.00	0.009	0				0.05
104.083	0.00	0.00	0.009	0				0.05
104.167	0.00	0.00	0.009	0				0.05
104.250	0.00	0.00	0.009	0				0.05
104.333	0.00	0.00	0.009	0				0.05
104.417	0.00	0.00	0.009	0				0.05
104.500	0.00	0.00	0.009	0				0.05
104.583	0.00	0.00	0.009	0				0.05
104.667	0.00	0.00	0.009	0				0.05
104.750	0.00	0.00	0.009	0				0.05
104.833	0.00	0.00	0.009	0				0.05
104.917	0.00	0.00	0.009	0				0.05
105.000	0.00	0.00	0.009	0				0.05
105.083	0.00	0.00	0.009	0				0.05
105.167	0.00	0.00	0.009	0				0.05
105.250	0.00	0.00	0.009	0				0.05
105.333	0.00	0.00	0.009	0				0.05
105.417	0.00	0.00	0.009	0				0.05
105.500	0.00	0.00	0.009	0				0.05
105.583	0.00	0.00	0.009	0				0.05
105.667	0.00	0.00	0.009	0				0.05
105.750	0.00	0.00	0.009	0				0.05
105.833	0.00	0.00	0.009	0				0.05
105.917	0.00	0.00	0.009	0				0.05
106.000	0.00	0.00	0.009	0				0.05
106.083	0.00	0.00	0.009	0				0.05
106.167	0.00	0.00	0.009	0				0.05
106.250	0.00	0.00	0.009	0				0.05
106.333	0.00	0.00	0.009	0				0.05
106.417	0.00	0.00	0.009	0				0.05
106.500	0.00	0.00	0.009	0				0.05
106.583	0.00	0.00	0.009	0				0.05
106.667	0.00	0.00	0.009	0				0.05
106.750	0.00	0.00	0.009	0				0.05
106.833	0.00	0.00	0.009	0				0.05

112.833	0.00	0.00	0.008	0				0.04
112.917	0.00	0.00	0.008	0				0.04
113.000	0.00	0.00	0.008	0				0.04
113.083	0.00	0.00	0.008	0				0.04
113.167	0.00	0.00	0.008	0				0.04
113.250	0.00	0.00	0.008	0				0.04
113.333	0.00	0.00	0.008	0				0.04
113.417	0.00	0.00	0.008	0				0.04
113.500	0.00	0.00	0.008	0				0.04
113.583	0.00	0.00	0.008	0				0.04
113.667	0.00	0.00	0.008	0				0.04
113.750	0.00	0.00	0.008	0				0.04
113.833	0.00	0.00	0.008	0				0.04
113.917	0.00	0.00	0.008	0				0.04
114.000	0.00	0.00	0.008	0				0.04
114.083	0.00	0.00	0.008	0				0.04
114.167	0.00	0.00	0.008	0				0.04
114.250	0.00	0.00	0.008	0				0.04
114.333	0.00	0.00	0.008	0				0.04
114.417	0.00	0.00	0.008	0				0.04
114.500	0.00	0.00	0.008	0				0.04
114.583	0.00	0.00	0.008	0				0.04
114.667	0.00	0.00	0.008	0				0.04
114.750	0.00	0.00	0.008	0				0.04
114.833	0.00	0.00	0.008	0				0.04
114.917	0.00	0.00	0.008	0				0.04
115.000	0.00	0.00	0.008	0				0.04
115.083	0.00	0.00	0.008	0				0.04
115.167	0.00	0.00	0.008	0				0.04
115.250	0.00	0.00	0.008	0				0.04
115.333	0.00	0.00	0.008	0				0.04
115.417	0.00	0.00	0.008	0				0.04
115.500	0.00	0.00	0.008	0				0.04
115.583	0.00	0.00	0.008	0				0.04
115.667	0.00	0.00	0.008	0				0.04
115.750	0.00	0.00	0.008	0				0.04
115.833	0.00	0.00	0.008	0				0.04
115.917	0.00	0.00	0.008	0				0.04
116.000	0.00	0.00	0.008	0				0.04
116.083	0.00	0.00	0.008	0				0.04
116.167	0.00	0.00	0.007	0				0.04
116.250	0.00	0.00	0.007	0				0.04
116.333	0.00	0.00	0.007	0				0.04
116.417	0.00	0.00	0.007	0				0.04
116.500	0.00	0.00	0.007	0				0.04
116.583	0.00	0.00	0.007	0				0.04
116.667	0.00	0.00	0.007	0				0.04
116.750	0.00	0.00	0.007	0				0.04
116.833	0.00	0.00	0.007	0				0.04
116.917	0.00	0.00	0.007	0				0.04
117.000	0.00	0.00	0.007	0				0.04
117.083	0.00	0.00	0.007	0				0.04
117.167	0.00	0.00	0.007	0				0.04
117.250	0.00	0.00	0.007	0				0.04
117.333	0.00	0.00	0.007	0				0.04
117.417	0.00	0.00	0.007	0				0.04
117.500	0.00	0.00	0.007	0				0.04
117.583	0.00	0.00	0.007	0				0.04
117.667	0.00	0.00	0.007	0				0.04
117.750	0.00	0.00	0.007	0				0.04
117.833	0.00	0.00	0.007	0				0.04
117.917	0.00	0.00	0.007	0				0.04
118.000	0.00	0.00	0.007	0				0.04
118.083	0.00	0.00	0.007	0				0.04
118.167	0.00	0.00	0.007	0				0.04
118.250	0.00	0.00	0.007	0				0.04
118.333	0.00	0.00	0.007	0				0.04
118.417	0.00	0.00	0.007	0				0.04
118.500	0.00	0.00	0.007	0				0.04
118.583	0.00	0.00	0.007	0				0.04
118.667	0.00	0.00	0.007	0				0.04

118.750	0.00	0.00	0.007	0				0.04
118.833	0.00	0.00	0.007	0				0.04
118.917	0.00	0.00	0.007	0				0.04
119.000	0.00	0.00	0.007	0				0.04
119.083	0.00	0.00	0.007	0				0.04
119.167	0.00	0.00	0.007	0				0.04
119.250	0.00	0.00	0.007	0				0.04
119.333	0.00	0.00	0.007	0				0.04
119.417	0.00	0.00	0.007	0				0.04
119.500	0.00	0.00	0.007	0				0.04
119.583	0.00	0.00	0.007	0				0.04
119.667	0.00	0.00	0.007	0				0.04
119.750	0.00	0.00	0.007	0				0.04
119.833	0.00	0.00	0.007	0				0.04
119.917	0.00	0.00	0.007	0				0.04
120.000	0.00	0.00	0.007	0				0.04
120.083	0.00	0.00	0.007	0				0.04
120.167	0.00	0.00	0.007	0				0.04
120.250	0.00	0.00	0.007	0				0.04
120.333	0.00	0.00	0.007	0				0.04
120.417	0.00	0.00	0.007	0				0.04
120.500	0.00	0.00	0.007	0				0.04
120.583	0.00	0.00	0.007	0				0.04
120.667	0.00	0.00	0.007	0				0.04
120.750	0.00	0.00	0.007	0				0.04
120.833	0.00	0.00	0.007	0				0.04
120.917	0.00	0.00	0.007	0				0.04
121.000	0.00	0.00	0.007	0				0.04
121.083	0.00	0.00	0.007	0				0.04
121.167	0.00	0.00	0.007	0				0.04
121.250	0.00	0.00	0.007	0				0.04
121.333	0.00	0.00	0.007	0				0.04
121.417	0.00	0.00	0.007	0				0.04
121.500	0.00	0.00	0.007	0				0.04
121.583	0.00	0.00	0.007	0				0.04
121.667	0.00	0.00	0.007	0				0.04
121.750	0.00	0.00	0.007	0				0.04
121.833	0.00	0.00	0.007	0				0.04
121.917	0.00	0.00	0.007	0				0.04
122.000	0.00	0.00	0.007	0				0.04
122.083	0.00	0.00	0.007	0				0.04
122.167	0.00	0.00	0.007	0				0.04
122.250	0.00	0.00	0.007	0				0.04
122.333	0.00	0.00	0.007	0				0.04
122.417	0.00	0.00	0.007	0				0.04
122.500	0.00	0.00	0.007	0				0.04
122.583	0.00	0.00	0.007	0				0.04
122.667	0.00	0.00	0.007	0				0.04
122.750	0.00	0.00	0.007	0				0.04
122.833	0.00	0.00	0.007	0				0.04
122.917	0.00	0.00	0.007	0				0.04
123.000	0.00	0.00	0.007	0				0.04
123.083	0.00	0.00	0.007	0				0.04
123.167	0.00	0.00	0.007	0				0.04
123.250	0.00	0.00	0.007	0				0.04
123.333	0.00	0.00	0.007	0				0.04
123.417	0.00	0.00	0.007	0				0.04
123.500	0.00	0.00	0.007	0				0.04
123.583	0.00	0.00	0.007	0				0.04
123.667	0.00	0.00	0.007	0				0.04
123.750	0.00	0.00	0.007	0				0.04
123.833	0.00	0.00	0.007	0				0.04
123.917	0.00	0.00	0.007	0				0.04
124.000	0.00	0.00	0.006	0				0.04
124.083	0.00	0.00	0.006	0				0.04
124.167	0.00	0.00	0.006	0				0.04
124.250	0.00	0.00	0.006	0				0.04
124.333	0.00	0.00	0.006	0				0.04
124.417	0.00	0.00	0.006	0				0.04
124.500	0.00	0.00	0.006	0				0.04
124.583	0.00	0.00	0.006	0				0.04

124.667	0.00	0.00	0.006	0				0.04
124.750	0.00	0.00	0.006	0				0.04
124.833	0.00	0.00	0.006	0				0.04
124.917	0.00	0.00	0.006	0				0.04
125.000	0.00	0.00	0.006	0				0.04
125.083	0.00	0.00	0.006	0				0.04
125.167	0.00	0.00	0.006	0				0.04
125.250	0.00	0.00	0.006	0				0.04
125.333	0.00	0.00	0.006	0				0.04
125.417	0.00	0.00	0.006	0				0.04
125.500	0.00	0.00	0.006	0				0.04
125.583	0.00	0.00	0.006	0				0.04
125.667	0.00	0.00	0.006	0				0.03
125.750	0.00	0.00	0.006	0				0.03
125.833	0.00	0.00	0.006	0				0.03
125.917	0.00	0.00	0.006	0				0.03
126.000	0.00	0.00	0.006	0				0.03
126.083	0.00	0.00	0.006	0				0.03
126.167	0.00	0.00	0.006	0				0.03
126.250	0.00	0.00	0.006	0				0.03
126.333	0.00	0.00	0.006	0				0.03
126.417	0.00	0.00	0.006	0				0.03
126.500	0.00	0.00	0.006	0				0.03
126.583	0.00	0.00	0.006	0				0.03
126.667	0.00	0.00	0.006	0				0.03
126.750	0.00	0.00	0.006	0				0.03
126.833	0.00	0.00	0.006	0				0.03
126.917	0.00	0.00	0.006	0				0.03
127.000	0.00	0.00	0.006	0				0.03
127.083	0.00	0.00	0.006	0				0.03
127.167	0.00	0.00	0.006	0				0.03
127.250	0.00	0.00	0.006	0				0.03
127.333	0.00	0.00	0.006	0				0.03
127.417	0.00	0.00	0.006	0				0.03
127.500	0.00	0.00	0.006	0				0.03
127.583	0.00	0.00	0.006	0				0.03
127.667	0.00	0.00	0.006	0				0.03
127.750	0.00	0.00	0.006	0				0.03
127.833	0.00	0.00	0.006	0				0.03
127.917	0.00	0.00	0.006	0				0.03
128.000	0.00	0.00	0.006	0				0.03
128.083	0.00	0.00	0.006	0				0.03
128.167	0.00	0.00	0.006	0				0.03
128.250	0.00	0.00	0.006	0				0.03
128.333	0.00	0.00	0.006	0				0.03
128.417	0.00	0.00	0.006	0				0.03
128.500	0.00	0.00	0.006	0				0.03
128.583	0.00	0.00	0.006	0				0.03
128.667	0.00	0.00	0.006	0				0.03
128.750	0.00	0.00	0.006	0				0.03
128.833	0.00	0.00	0.006	0				0.03
128.917	0.00	0.00	0.006	0				0.03
129.000	0.00	0.00	0.006	0				0.03
129.083	0.00	0.00	0.006	0				0.03
129.167	0.00	0.00	0.006	0				0.03
129.250	0.00	0.00	0.006	0				0.03
129.333	0.00	0.00	0.006	0				0.03
129.417	0.00	0.00	0.006	0				0.03
129.500	0.00	0.00	0.006	0				0.03
129.583	0.00	0.00	0.006	0				0.03
129.667	0.00	0.00	0.006	0				0.03
129.750	0.00	0.00	0.006	0				0.03
129.833	0.00	0.00	0.006	0				0.03
129.917	0.00	0.00	0.006	0				0.03
130.000	0.00	0.00	0.006	0				0.03
130.083	0.00	0.00	0.006	0				0.03
130.167	0.00	0.00	0.006	0				0.03
130.250	0.00	0.00	0.006	0				0.03
130.333	0.00	0.00	0.006	0				0.03
130.417	0.00	0.00	0.006	0				0.03
130.500	0.00	0.00	0.006	0				0.03

130.583	0.00	0.00	0.006	0				0.03
130.667	0.00	0.00	0.006	0				0.03
130.750	0.00	0.00	0.006	0				0.03
130.833	0.00	0.00	0.006	0				0.03
130.917	0.00	0.00	0.006	0				0.03
131.000	0.00	0.00	0.006	0				0.03
131.083	0.00	0.00	0.006	0				0.03
131.167	0.00	0.00	0.006	0				0.03
131.250	0.00	0.00	0.006	0				0.03
131.333	0.00	0.00	0.006	0				0.03
131.417	0.00	0.00	0.006	0				0.03
131.500	0.00	0.00	0.006	0				0.03
131.583	0.00	0.00	0.006	0				0.03
131.667	0.00	0.00	0.006	0				0.03
131.750	0.00	0.00	0.006	0				0.03
131.833	0.00	0.00	0.006	0				0.03
131.917	0.00	0.00	0.006	0				0.03
132.000	0.00	0.00	0.006	0				0.03
132.083	0.00	0.00	0.006	0				0.03
132.167	0.00	0.00	0.006	0				0.03
132.250	0.00	0.00	0.006	0				0.03
132.333	0.00	0.00	0.006	0				0.03
132.417	0.00	0.00	0.006	0				0.03
132.500	0.00	0.00	0.006	0				0.03
132.583	0.00	0.00	0.006	0				0.03
132.667	0.00	0.00	0.006	0				0.03
132.750	0.00	0.00	0.006	0				0.03
132.833	0.00	0.00	0.006	0				0.03
132.917	0.00	0.00	0.006	0				0.03
133.000	0.00	0.00	0.006	0				0.03
133.083	0.00	0.00	0.005	0				0.03
133.167	0.00	0.00	0.005	0				0.03
133.250	0.00	0.00	0.005	0				0.03
133.333	0.00	0.00	0.005	0				0.03
133.417	0.00	0.00	0.005	0				0.03
133.500	0.00	0.00	0.005	0				0.03
133.583	0.00	0.00	0.005	0				0.03
133.667	0.00	0.00	0.005	0				0.03
133.750	0.00	0.00	0.005	0				0.03
133.833	0.00	0.00	0.005	0				0.03
133.917	0.00	0.00	0.005	0				0.03
134.000	0.00	0.00	0.005	0				0.03
134.083	0.00	0.00	0.005	0				0.03
134.167	0.00	0.00	0.005	0				0.03
134.250	0.00	0.00	0.005	0				0.03
134.333	0.00	0.00	0.005	0				0.03
134.417	0.00	0.00	0.005	0				0.03
134.500	0.00	0.00	0.005	0				0.03
134.583	0.00	0.00	0.005	0				0.03
134.667	0.00	0.00	0.005	0				0.03
134.750	0.00	0.00	0.005	0				0.03
134.833	0.00	0.00	0.005	0				0.03
134.917	0.00	0.00	0.005	0				0.03
135.000	0.00	0.00	0.005	0				0.03
135.083	0.00	0.00	0.005	0				0.03
135.167	0.00	0.00	0.005	0				0.03
135.250	0.00	0.00	0.005	0				0.03
135.333	0.00	0.00	0.005	0				0.03
135.417	0.00	0.00	0.005	0				0.03
135.500	0.00	0.00	0.005	0				0.03
135.583	0.00	0.00	0.005	0				0.03
135.667	0.00	0.00	0.005	0				0.03
135.750	0.00	0.00	0.005	0				0.03
135.833	0.00	0.00	0.005	0				0.03
135.917	0.00	0.00	0.005	0				0.03
136.000	0.00	0.00	0.005	0				0.03
136.083	0.00	0.00	0.005	0				0.03
136.167	0.00	0.00	0.005	0				0.03
136.250	0.00	0.00	0.005	0				0.03
136.333	0.00	0.00	0.005	0				0.03
136.417	0.00	0.00	0.005	0				0.03

136.500	0.00	0.00	0.005	0				0.03
136.583	0.00	0.00	0.005	0				0.03
136.667	0.00	0.00	0.005	0				0.03
136.750	0.00	0.00	0.005	0				0.03
136.833	0.00	0.00	0.005	0				0.03
136.917	0.00	0.00	0.005	0				0.03
137.000	0.00	0.00	0.005	0				0.03
137.083	0.00	0.00	0.005	0				0.03
137.167	0.00	0.00	0.005	0				0.03
137.250	0.00	0.00	0.005	0				0.03
137.333	0.00	0.00	0.005	0				0.03
137.417	0.00	0.00	0.005	0				0.03
137.500	0.00	0.00	0.005	0				0.03
137.583	0.00	0.00	0.005	0				0.03
137.667	0.00	0.00	0.005	0				0.03
137.750	0.00	0.00	0.005	0				0.03
137.833	0.00	0.00	0.005	0				0.03
137.917	0.00	0.00	0.005	0				0.03
138.000	0.00	0.00	0.005	0				0.03
138.083	0.00	0.00	0.005	0				0.03
138.167	0.00	0.00	0.005	0				0.03
138.250	0.00	0.00	0.005	0				0.03
138.333	0.00	0.00	0.005	0				0.03
138.417	0.00	0.00	0.005	0				0.03
138.500	0.00	0.00	0.005	0				0.03
138.583	0.00	0.00	0.005	0				0.03
138.667	0.00	0.00	0.005	0				0.03
138.750	0.00	0.00	0.005	0				0.03
138.833	0.00	0.00	0.005	0				0.03
138.917	0.00	0.00	0.005	0				0.03
139.000	0.00	0.00	0.005	0				0.03
139.083	0.00	0.00	0.005	0				0.03
139.167	0.00	0.00	0.005	0				0.03
139.250	0.00	0.00	0.005	0				0.03
139.333	0.00	0.00	0.005	0				0.03
139.417	0.00	0.00	0.005	0				0.03
139.500	0.00	0.00	0.005	0				0.03
139.583	0.00	0.00	0.005	0				0.03
139.667	0.00	0.00	0.005	0				0.03
139.750	0.00	0.00	0.005	0				0.03
139.833	0.00	0.00	0.005	0				0.03
139.917	0.00	0.00	0.005	0				0.03
140.000	0.00	0.00	0.005	0				0.03
140.083	0.00	0.00	0.005	0				0.03
140.167	0.00	0.00	0.005	0				0.03
140.250	0.00	0.00	0.005	0				0.03
140.333	0.00	0.00	0.005	0				0.03
140.417	0.00	0.00	0.005	0				0.03
140.500	0.00	0.00	0.005	0				0.03
140.583	0.00	0.00	0.005	0				0.03
140.667	0.00	0.00	0.005	0				0.03
140.750	0.00	0.00	0.005	0				0.03
140.833	0.00	0.00	0.005	0				0.03
140.917	0.00	0.00	0.005	0				0.03
141.000	0.00	0.00	0.005	0				0.03
141.083	0.00	0.00	0.005	0				0.03
141.167	0.00	0.00	0.005	0				0.03
141.250	0.00	0.00	0.005	0				0.03
141.333	0.00	0.00	0.005	0				0.03
141.417	0.00	0.00	0.005	0				0.03
141.500	0.00	0.00	0.005	0				0.03
141.583	0.00	0.00	0.005	0				0.03
141.667	0.00	0.00	0.005	0				0.03
141.750	0.00	0.00	0.005	0				0.03
141.833	0.00	0.00	0.005	0				0.03
141.917	0.00	0.00	0.005	0				0.03
142.000	0.00	0.00	0.005	0				0.03
142.083	0.00	0.00	0.005	0				0.03
142.167	0.00	0.00	0.005	0				0.03
142.250	0.00	0.00	0.005	0				0.03
142.333	0.00	0.00	0.005	0				0.03

142.417	0.00	0.00	0.005	0					0.03
142.500	0.00	0.00	0.005	0					0.03
142.583	0.00	0.00	0.005	0					0.03
142.667	0.00	0.00	0.005	0					0.03
142.750	0.00	0.00	0.005	0					0.03
142.833	0.00	0.00	0.005	0					0.03
142.917	0.00	0.00	0.005	0					0.03
143.000	0.00	0.00	0.005	0					0.03
143.083	0.00	0.00	0.005	0					0.03
143.167	0.00	0.00	0.005	0					0.03
143.250	0.00	0.00	0.005	0					0.03
143.333	0.00	0.00	0.005	0					0.03
143.417	0.00	0.00	0.005	0					0.03
143.500	0.00	0.00	0.005	0					0.03
143.583	0.00	0.00	0.005	0					0.03
143.667	0.00	0.00	0.005	0					0.03
143.750	0.00	0.00	0.005	0					0.03
143.833	0.00	0.00	0.005	0					0.03
143.917	0.00	0.00	0.005	0					0.03
144.000	0.00	0.00	0.004	0					0.02

*****HYDROGRAPH DATA*****
Number of intervals = 1728
Time interval = 5.0 (Min.)
Maximum/Peak flow rate = 0.013 (CFS)
Total volume = 0.058 (Ac.Ft)
Status of hydrographs being held in storage
Stream 1 Stream 2 Stream 3 Stream 4 Stream 5
Peak (CFS) 0.000 0.000 0.000 0.000 0.000
Vol (Ac.Ft) 0.000 0.000 0.000 0.000 0.000

MENIFEE STAXUP STORAGE EXTENSION
 PRELIMINARY DRAINAGE STUDY
 BASIN A ROUTING MODEL
 2-YEAR; 6-HOUR

Program License Serial Number 6545

***** HYDROGRAPH INFORMATION *****

From study/file name: D162.rte
 *****HYDROGRAPH DATA*****
 Number of intervals = 73
 Time interval = 5.0 (Min.)
 Maximum/Peak flow rate = 0.354 (CFS)
 Total volume = 0.046 (Ac.Ft)
 Status of hydrographs being held in storage
 Stream 1 Stream 2 Stream 3 Stream 4 Stream 5
 Peak (CFS) 0.000 0.000 0.000 0.000 0.000
 Vol (Ac.Ft) 0.000 0.000 0.000 0.000 0.000

+++++
 Process from Point/Station 1.000 to Point/Station 2.000
 **** RETARDING BASIN ROUTING ****

User entry of depth-outflow-storage data

Total number of inflow hydrograph intervals = 73
 Hydrograph time unit = 5.000 (Min.)
 Initial depth in storage basin = 0.16(Ft.)

Initial basin depth = 0.16 (Ft.)
 Initial basin storage = 0.03 (Ac.Ft)
 Initial basin outflow = 0.01 (CFS)

Depth vs. Storage and Depth vs. Discharge data:

Basin Depth (Ft.)	Storage (Ac.Ft)	Outflow (CFS)	(S-O*dt/2) (Ac.Ft)	(S+O*dt/2) (Ac.Ft)
0.000	0.000	0.000	0.000	0.000
0.500	0.090	0.020	0.090	0.090
1.000	0.139	7.420	0.113	0.165

Hydrograph Detention Basin Routing

Graph values: 'I'= unit inflow; 'O'=outflow at time shown

Time (Hours)	Inflow (CFS)	Outflow (CFS)	Storage (Ac.Ft)	Depth (Ft.)
0.083	0.02	0.01	0.029	0.16
0.167	0.04	0.01	0.029	0.16
0.250	0.04	0.01	0.029	0.16
0.333	0.04	0.01	0.029	0.16

0.417	0.04	0.01	0.030	O	I					0.16
0.500	0.04	0.01	0.030	O	I					0.17
0.583	0.05	0.01	0.030	O	I					0.17
0.667	0.05	0.01	0.030	O	I					0.17
0.750	0.05	0.01	0.031	O	I					0.17
0.833	0.05	0.01	0.031	O	I					0.17
0.917	0.05	0.01	0.031	O	I					0.17
1.000	0.05	0.01	0.032	O	I					0.18
1.083	0.05	0.01	0.032	O	I					0.18
1.167	0.05	0.01	0.032	O	I					0.18
1.250	0.05	0.01	0.032	O	I					0.18
1.333	0.05	0.01	0.033	O	I					0.18
1.417	0.05	0.01	0.033	O	I					0.18
1.500	0.05	0.01	0.033	O	I					0.19
1.583	0.05	0.01	0.034	O	I					0.19
1.667	0.05	0.01	0.034	O	I					0.19
1.750	0.05	0.01	0.034	O	I					0.19
1.833	0.05	0.01	0.035	O	I					0.19
1.917	0.05	0.01	0.035	O	I					0.19
2.000	0.06	0.01	0.035	O	I					0.20
2.083	0.06	0.01	0.036	O	I					0.20
2.167	0.06	0.01	0.036	O	I					0.20
2.250	0.06	0.01	0.036	O	I					0.20
2.333	0.06	0.01	0.037	O	I					0.20
2.417	0.06	0.01	0.037	O	I					0.21
2.500	0.06	0.01	0.037	O	I					0.21
2.583	0.06	0.01	0.038	O	I					0.21
2.667	0.06	0.01	0.038	O	I					0.21
2.750	0.06	0.01	0.039	O	I					0.21
2.833	0.07	0.01	0.039	O	I					0.22
2.917	0.07	0.01	0.039	O	I					0.22
3.000	0.07	0.01	0.040	O	I					0.22
3.083	0.07	0.01	0.040	O	I					0.22
3.167	0.07	0.01	0.040	O	I					0.22
3.250	0.07	0.01	0.041	O	I					0.23
3.333	0.07	0.01	0.041	O	I					0.23
3.417	0.08	0.01	0.042	O	I					0.23
3.500	0.08	0.01	0.042	O	I					0.24
3.583	0.09	0.01	0.043	O	I					0.24
3.667	0.09	0.01	0.043	O	I					0.24
3.750	0.10	0.01	0.044	O	I					0.24
3.833	0.10	0.01	0.045	O	I					0.25
3.917	0.10	0.01	0.045	O	I					0.25
4.000	0.11	0.01	0.046	O	I					0.26
4.083	0.11	0.01	0.047	O	I					0.26
4.167	0.12	0.01	0.047	O	I					0.26
4.250	0.12	0.01	0.048	O	I					0.27
4.333	0.13	0.01	0.049	O	I					0.27
4.417	0.14	0.01	0.050	O	I					0.28
4.500	0.14	0.01	0.051	O	I					0.28
4.583	0.14	0.01	0.051	O	I					0.29
4.667	0.15	0.01	0.052	O	I					0.29
4.750	0.16	0.01	0.053	O	I					0.30
4.833	0.16	0.01	0.054	O	I					0.30
4.917	0.16	0.01	0.055	O	I					0.31
5.000	0.17	0.01	0.057	O	I					0.31
5.083	0.20	0.01	0.058	O	I					0.32
5.167	0.23	0.01	0.059	O	I					0.33
5.250	0.25	0.01	0.061	O	I					0.34
5.333	0.27	0.01	0.062	O	I					0.35
5.417	0.30	0.01	0.064	O	I					0.36
5.500	0.35	0.01	0.066	O	I					0.37
5.583	0.20	0.02	0.068	O	I					0.38
5.667	0.08	0.02	0.069	O	I					0.38
5.750	0.05	0.02	0.069	O	I					0.39
5.833	0.04	0.02	0.070	O	I					0.39
5.917	0.02	0.02	0.070	O	I					0.39
6.000	0.02	0.02	0.070	O	I					0.39
6.083	0.00	0.02	0.070	O	I					0.39
6.167	0.00	0.02	0.070	O	I					0.39
6.250	0.00	0.02	0.069	O	I					0.39

6.333	0.00	0.02	0.069	IO	0.39
6.417	0.00	0.02	0.069	IO	0.38
6.500	0.00	0.02	0.069	IO	0.38
6.583	0.00	0.02	0.069	IO	0.38
6.667	0.00	0.02	0.069	IO	0.38
6.750	0.00	0.02	0.069	IO	0.38
6.833	0.00	0.02	0.069	IO	0.38
6.917	0.00	0.02	0.069	IO	0.38
7.000	0.00	0.02	0.069	IO	0.38
7.083	0.00	0.02	0.068	IO	0.38
7.167	0.00	0.02	0.068	IO	0.38
7.250	0.00	0.02	0.068	IO	0.38
7.333	0.00	0.02	0.068	IO	0.38
7.417	0.00	0.02	0.068	IO	0.38
7.500	0.00	0.02	0.068	IO	0.38
7.583	0.00	0.02	0.068	IO	0.38
7.667	0.00	0.02	0.068	IO	0.38
7.750	0.00	0.02	0.068	IO	0.38
7.833	0.00	0.01	0.067	IO	0.37
7.917	0.00	0.01	0.067	IO	0.37
8.000	0.00	0.01	0.067	IO	0.37
8.083	0.00	0.01	0.067	IO	0.37
8.167	0.00	0.01	0.067	IO	0.37
8.250	0.00	0.01	0.067	IO	0.37
8.333	0.00	0.01	0.067	IO	0.37
8.417	0.00	0.01	0.067	IO	0.37
8.500	0.00	0.01	0.067	IO	0.37
8.583	0.00	0.01	0.067	IO	0.37
8.667	0.00	0.01	0.066	IO	0.37
8.750	0.00	0.01	0.066	IO	0.37
8.833	0.00	0.01	0.066	IO	0.37
8.917	0.00	0.01	0.066	IO	0.37
9.000	0.00	0.01	0.066	IO	0.37
9.083	0.00	0.01	0.066	IO	0.37
9.167	0.00	0.01	0.066	IO	0.37
9.250	0.00	0.01	0.066	IO	0.37
9.333	0.00	0.01	0.066	IO	0.36
9.417	0.00	0.01	0.066	IO	0.36
9.500	0.00	0.01	0.065	IO	0.36
9.583	0.00	0.01	0.065	IO	0.36
9.667	0.00	0.01	0.065	IO	0.36
9.750	0.00	0.01	0.065	IO	0.36
9.833	0.00	0.01	0.065	IO	0.36
9.917	0.00	0.01	0.065	IO	0.36
10.000	0.00	0.01	0.065	IO	0.36
10.083	0.00	0.01	0.065	IO	0.36
10.167	0.00	0.01	0.065	IO	0.36
10.250	0.00	0.01	0.065	IO	0.36
10.333	0.00	0.01	0.064	IO	0.36
10.417	0.00	0.01	0.064	IO	0.36
10.500	0.00	0.01	0.064	IO	0.36
10.583	0.00	0.01	0.064	IO	0.36
10.667	0.00	0.01	0.064	IO	0.36
10.750	0.00	0.01	0.064	IO	0.36
10.833	0.00	0.01	0.064	IO	0.35
10.917	0.00	0.01	0.064	IO	0.35
11.000	0.00	0.01	0.064	IO	0.35
11.083	0.00	0.01	0.064	IO	0.35
11.167	0.00	0.01	0.063	IO	0.35
11.250	0.00	0.01	0.063	IO	0.35
11.333	0.00	0.01	0.063	IO	0.35
11.417	0.00	0.01	0.063	IO	0.35
11.500	0.00	0.01	0.063	IO	0.35
11.583	0.00	0.01	0.063	IO	0.35
11.667	0.00	0.01	0.063	IO	0.35
11.750	0.00	0.01	0.063	IO	0.35
11.833	0.00	0.01	0.063	IO	0.35
11.917	0.00	0.01	0.063	IO	0.35
12.000	0.00	0.01	0.062	IO	0.35
12.083	0.00	0.01	0.062	IO	0.35
12.167	0.00	0.01	0.062	IO	0.35

12.250	0.00	0.01	0.062	IO	0.35
12.333	0.00	0.01	0.062	IO	0.35
12.417	0.00	0.01	0.062	IO	0.34
12.500	0.00	0.01	0.062	IO	0.34
12.583	0.00	0.01	0.062	IO	0.34
12.667	0.00	0.01	0.062	IO	0.34
12.750	0.00	0.01	0.062	IO	0.34
12.833	0.00	0.01	0.062	IO	0.34
12.917	0.00	0.01	0.061	IO	0.34
13.000	0.00	0.01	0.061	IO	0.34
13.083	0.00	0.01	0.061	IO	0.34
13.167	0.00	0.01	0.061	IO	0.34
13.250	0.00	0.01	0.061	IO	0.34
13.333	0.00	0.01	0.061	IO	0.34
13.417	0.00	0.01	0.061	IO	0.34
13.500	0.00	0.01	0.061	IO	0.34
13.583	0.00	0.01	0.061	IO	0.34
13.667	0.00	0.01	0.061	IO	0.34
13.750	0.00	0.01	0.061	IO	0.34
13.833	0.00	0.01	0.060	IO	0.34
13.917	0.00	0.01	0.060	IO	0.34
14.000	0.00	0.01	0.060	IO	0.33
14.083	0.00	0.01	0.060	IO	0.33
14.167	0.00	0.01	0.060	IO	0.33
14.250	0.00	0.01	0.060	IO	0.33
14.333	0.00	0.01	0.060	IO	0.33
14.417	0.00	0.01	0.060	IO	0.33
14.500	0.00	0.01	0.060	IO	0.33
14.583	0.00	0.01	0.060	IO	0.33
14.667	0.00	0.01	0.060	IO	0.33
14.750	0.00	0.01	0.059	IO	0.33
14.833	0.00	0.01	0.059	IO	0.33
14.917	0.00	0.01	0.059	IO	0.33
15.000	0.00	0.01	0.059	IO	0.33
15.083	0.00	0.01	0.059	IO	0.33
15.167	0.00	0.01	0.059	IO	0.33
15.250	0.00	0.01	0.059	IO	0.33
15.333	0.00	0.01	0.059	IO	0.33
15.417	0.00	0.01	0.059	IO	0.33
15.500	0.00	0.01	0.059	IO	0.33
15.583	0.00	0.01	0.059	IO	0.33
15.667	0.00	0.01	0.058	IO	0.32
15.750	0.00	0.01	0.058	IO	0.32
15.833	0.00	0.01	0.058	IO	0.32
15.917	0.00	0.01	0.058	IO	0.32
16.000	0.00	0.01	0.058	IO	0.32
16.083	0.00	0.01	0.058	IO	0.32
16.167	0.00	0.01	0.058	IO	0.32
16.250	0.00	0.01	0.058	IO	0.32
16.333	0.00	0.01	0.058	IO	0.32
16.417	0.00	0.01	0.058	IO	0.32
16.500	0.00	0.01	0.058	IO	0.32
16.583	0.00	0.01	0.057	IO	0.32
16.667	0.00	0.01	0.057	IO	0.32
16.750	0.00	0.01	0.057	IO	0.32
16.833	0.00	0.01	0.057	IO	0.32
16.917	0.00	0.01	0.057	IO	0.32
17.000	0.00	0.01	0.057	IO	0.32
17.083	0.00	0.01	0.057	IO	0.32
17.167	0.00	0.01	0.057	IO	0.32
17.250	0.00	0.01	0.057	IO	0.32
17.333	0.00	0.01	0.057	IO	0.31
17.417	0.00	0.01	0.057	IO	0.31
17.500	0.00	0.01	0.056	IO	0.31
17.583	0.00	0.01	0.056	IO	0.31
17.667	0.00	0.01	0.056	IO	0.31
17.750	0.00	0.01	0.056	IO	0.31
17.833	0.00	0.01	0.056	IO	0.31
17.917	0.00	0.01	0.056	IO	0.31
18.000	0.00	0.01	0.056	IO	0.31
18.083	0.00	0.01	0.056	IO	0.31

18.167	0.00	0.01	0.056	IO	0.31
18.250	0.00	0.01	0.056	IO	0.31
18.333	0.00	0.01	0.056	IO	0.31
18.417	0.00	0.01	0.056	IO	0.31
18.500	0.00	0.01	0.055	IO	0.31
18.583	0.00	0.01	0.055	IO	0.31
18.667	0.00	0.01	0.055	IO	0.31
18.750	0.00	0.01	0.055	IO	0.31
18.833	0.00	0.01	0.055	IO	0.31
18.917	0.00	0.01	0.055	IO	0.31
19.000	0.00	0.01	0.055	IO	0.31
19.083	0.00	0.01	0.055	IO	0.30
19.167	0.00	0.01	0.055	IO	0.30
19.250	0.00	0.01	0.055	IO	0.30
19.333	0.00	0.01	0.055	IO	0.30
19.417	0.00	0.01	0.055	IO	0.30
19.500	0.00	0.01	0.054	IO	0.30
19.583	0.00	0.01	0.054	IO	0.30
19.667	0.00	0.01	0.054	IO	0.30
19.750	0.00	0.01	0.054	IO	0.30
19.833	0.00	0.01	0.054	IO	0.30
19.917	0.00	0.01	0.054	IO	0.30
20.000	0.00	0.01	0.054	IO	0.30
20.083	0.00	0.01	0.054	IO	0.30
20.167	0.00	0.01	0.054	IO	0.30
20.250	0.00	0.01	0.054	IO	0.30
20.333	0.00	0.01	0.054	IO	0.30
20.417	0.00	0.01	0.054	IO	0.30
20.500	0.00	0.01	0.053	IO	0.30
20.583	0.00	0.01	0.053	IO	0.30
20.667	0.00	0.01	0.053	IO	0.30
20.750	0.00	0.01	0.053	IO	0.30
20.833	0.00	0.01	0.053	IO	0.30
20.917	0.00	0.01	0.053	IO	0.29
21.000	0.00	0.01	0.053	IO	0.29
21.083	0.00	0.01	0.053	IO	0.29
21.167	0.00	0.01	0.053	IO	0.29
21.250	0.00	0.01	0.053	IO	0.29
21.333	0.00	0.01	0.053	IO	0.29
21.417	0.00	0.01	0.053	IO	0.29
21.500	0.00	0.01	0.052	IO	0.29
21.583	0.00	0.01	0.052	IO	0.29
21.667	0.00	0.01	0.052	IO	0.29
21.750	0.00	0.01	0.052	IO	0.29
21.833	0.00	0.01	0.052	IO	0.29
21.917	0.00	0.01	0.052	IO	0.29
22.000	0.00	0.01	0.052	IO	0.29
22.083	0.00	0.01	0.052	IO	0.29
22.167	0.00	0.01	0.052	IO	0.29
22.250	0.00	0.01	0.052	IO	0.29
22.333	0.00	0.01	0.052	IO	0.29
22.417	0.00	0.01	0.052	IO	0.29
22.500	0.00	0.01	0.052	IO	0.29
22.583	0.00	0.01	0.051	IO	0.29
22.667	0.00	0.01	0.051	IO	0.29
22.750	0.00	0.01	0.051	IO	0.28
22.833	0.00	0.01	0.051	IO	0.28
22.917	0.00	0.01	0.051	IO	0.28
23.000	0.00	0.01	0.051	IO	0.28
23.083	0.00	0.01	0.051	IO	0.28
23.167	0.00	0.01	0.051	IO	0.28
23.250	0.00	0.01	0.051	IO	0.28
23.333	0.00	0.01	0.051	IO	0.28
23.417	0.00	0.01	0.051	IO	0.28
23.500	0.00	0.01	0.051	IO	0.28
23.583	0.00	0.01	0.051	IO	0.28
23.667	0.00	0.01	0.050	IO	0.28
23.750	0.00	0.01	0.050	IO	0.28
23.833	0.00	0.01	0.050	IO	0.28
23.917	0.00	0.01	0.050	IO	0.28
24.000	0.00	0.01	0.050	IO	0.28

24.083	0.00	0.01	0.050	IO	0.28
24.167	0.00	0.01	0.050	IO	0.28
24.250	0.00	0.01	0.050	IO	0.28
24.333	0.00	0.01	0.050	IO	0.28
24.417	0.00	0.01	0.050	IO	0.28
24.500	0.00	0.01	0.050	O	0.28
24.583	0.00	0.01	0.050	O	0.28
24.667	0.00	0.01	0.050	O	0.28
24.750	0.00	0.01	0.049	O	0.27
24.833	0.00	0.01	0.049	O	0.27
24.917	0.00	0.01	0.049	O	0.27
25.000	0.00	0.01	0.049	O	0.27
25.083	0.00	0.01	0.049	O	0.27
25.167	0.00	0.01	0.049	O	0.27
25.250	0.00	0.01	0.049	O	0.27
25.333	0.00	0.01	0.049	O	0.27
25.417	0.00	0.01	0.049	O	0.27
25.500	0.00	0.01	0.049	O	0.27
25.583	0.00	0.01	0.049	O	0.27
25.667	0.00	0.01	0.049	O	0.27
25.750	0.00	0.01	0.049	O	0.27
25.833	0.00	0.01	0.048	O	0.27
25.917	0.00	0.01	0.048	O	0.27
26.000	0.00	0.01	0.048	O	0.27
26.083	0.00	0.01	0.048	O	0.27
26.167	0.00	0.01	0.048	O	0.27
26.250	0.00	0.01	0.048	O	0.27
26.333	0.00	0.01	0.048	O	0.27
26.417	0.00	0.01	0.048	O	0.27
26.500	0.00	0.01	0.048	O	0.27
26.583	0.00	0.01	0.048	O	0.27
26.667	0.00	0.01	0.048	O	0.27
26.750	0.00	0.01	0.048	O	0.26
26.833	0.00	0.01	0.048	O	0.26
26.917	0.00	0.01	0.048	O	0.26
27.000	0.00	0.01	0.047	O	0.26
27.083	0.00	0.01	0.047	O	0.26
27.167	0.00	0.01	0.047	O	0.26
27.250	0.00	0.01	0.047	O	0.26
27.333	0.00	0.01	0.047	O	0.26
27.417	0.00	0.01	0.047	O	0.26
27.500	0.00	0.01	0.047	O	0.26
27.583	0.00	0.01	0.047	O	0.26
27.667	0.00	0.01	0.047	O	0.26
27.750	0.00	0.01	0.047	O	0.26
27.833	0.00	0.01	0.047	O	0.26
27.917	0.00	0.01	0.047	O	0.26
28.000	0.00	0.01	0.047	O	0.26
28.083	0.00	0.01	0.047	O	0.26
28.167	0.00	0.01	0.046	O	0.26
28.250	0.00	0.01	0.046	O	0.26
28.333	0.00	0.01	0.046	O	0.26
28.417	0.00	0.01	0.046	O	0.26
28.500	0.00	0.01	0.046	O	0.26
28.583	0.00	0.01	0.046	O	0.26
28.667	0.00	0.01	0.046	O	0.26
28.750	0.00	0.01	0.046	O	0.26
28.833	0.00	0.01	0.046	O	0.25
28.917	0.00	0.01	0.046	O	0.25
29.000	0.00	0.01	0.046	O	0.25
29.083	0.00	0.01	0.046	O	0.25
29.167	0.00	0.01	0.046	O	0.25
29.250	0.00	0.01	0.046	O	0.25
29.333	0.00	0.01	0.045	O	0.25
29.417	0.00	0.01	0.045	O	0.25
29.500	0.00	0.01	0.045	O	0.25
29.583	0.00	0.01	0.045	O	0.25
29.667	0.00	0.01	0.045	O	0.25
29.750	0.00	0.01	0.045	O	0.25
29.833	0.00	0.01	0.045	O	0.25
29.917	0.00	0.01	0.045	O	0.25

30.000	0.00	0.01	0.045	0				0.25
30.083	0.00	0.01	0.045	0				0.25
30.167	0.00	0.01	0.045	0				0.25
30.250	0.00	0.01	0.045	0				0.25
30.333	0.00	0.01	0.045	0				0.25
30.417	0.00	0.01	0.045	0				0.25
30.500	0.00	0.01	0.044	0				0.25
30.583	0.00	0.01	0.044	0				0.25
30.667	0.00	0.01	0.044	0				0.25
30.750	0.00	0.01	0.044	0				0.25
30.833	0.00	0.01	0.044	0				0.25
30.917	0.00	0.01	0.044	0				0.25
31.000	0.00	0.01	0.044	0				0.24
31.083	0.00	0.01	0.044	0				0.24
31.167	0.00	0.01	0.044	0				0.24
31.250	0.00	0.01	0.044	0				0.24
31.333	0.00	0.01	0.044	0				0.24
31.417	0.00	0.01	0.044	0				0.24
31.500	0.00	0.01	0.044	0				0.24
31.583	0.00	0.01	0.044	0				0.24
31.667	0.00	0.01	0.044	0				0.24
31.750	0.00	0.01	0.043	0				0.24
31.833	0.00	0.01	0.043	0				0.24
31.917	0.00	0.01	0.043	0				0.24
32.000	0.00	0.01	0.043	0				0.24
32.083	0.00	0.01	0.043	0				0.24
32.167	0.00	0.01	0.043	0				0.24
32.250	0.00	0.01	0.043	0				0.24
32.333	0.00	0.01	0.043	0				0.24
32.417	0.00	0.01	0.043	0				0.24
32.500	0.00	0.01	0.043	0				0.24
32.583	0.00	0.01	0.043	0				0.24
32.667	0.00	0.01	0.043	0				0.24
32.750	0.00	0.01	0.043	0				0.24
32.833	0.00	0.01	0.043	0				0.24
32.917	0.00	0.01	0.043	0				0.24
33.000	0.00	0.01	0.042	0				0.24
33.083	0.00	0.01	0.042	0				0.24
33.167	0.00	0.01	0.042	0				0.24
33.250	0.00	0.01	0.042	0				0.23
33.333	0.00	0.01	0.042	0				0.23
33.417	0.00	0.01	0.042	0				0.23
33.500	0.00	0.01	0.042	0				0.23
33.583	0.00	0.01	0.042	0				0.23
33.667	0.00	0.01	0.042	0				0.23
33.750	0.00	0.01	0.042	0				0.23
33.833	0.00	0.01	0.042	0				0.23
33.917	0.00	0.01	0.042	0				0.23
34.000	0.00	0.01	0.042	0				0.23
34.083	0.00	0.01	0.042	0				0.23
34.167	0.00	0.01	0.042	0				0.23
34.250	0.00	0.01	0.042	0				0.23
34.333	0.00	0.01	0.041	0				0.23
34.417	0.00	0.01	0.041	0				0.23
34.500	0.00	0.01	0.041	0				0.23
34.583	0.00	0.01	0.041	0				0.23
34.667	0.00	0.01	0.041	0				0.23
34.750	0.00	0.01	0.041	0				0.23
34.833	0.00	0.01	0.041	0				0.23
34.917	0.00	0.01	0.041	0				0.23
35.000	0.00	0.01	0.041	0				0.23
35.083	0.00	0.01	0.041	0				0.23
35.167	0.00	0.01	0.041	0				0.23
35.250	0.00	0.01	0.041	0				0.23
35.333	0.00	0.01	0.041	0				0.23
35.417	0.00	0.01	0.041	0				0.23
35.500	0.00	0.01	0.041	0				0.23
35.583	0.00	0.01	0.041	0				0.23
35.667	0.00	0.01	0.040	0				0.22
35.750	0.00	0.01	0.040	0				0.22
35.833	0.00	0.01	0.040	0				0.22

35.917	0.00	0.01	0.040	0				0.22
36.000	0.00	0.01	0.040	0				0.22
36.083	0.00	0.01	0.040	0				0.22
36.167	0.00	0.01	0.040	0				0.22
36.250	0.00	0.01	0.040	0				0.22
36.333	0.00	0.01	0.040	0				0.22
36.417	0.00	0.01	0.040	0				0.22
36.500	0.00	0.01	0.040	0				0.22
36.583	0.00	0.01	0.040	0				0.22
36.667	0.00	0.01	0.040	0				0.22
36.750	0.00	0.01	0.040	0				0.22
36.833	0.00	0.01	0.040	0				0.22
36.917	0.00	0.01	0.040	0				0.22
37.000	0.00	0.01	0.039	0				0.22
37.083	0.00	0.01	0.039	0				0.22
37.167	0.00	0.01	0.039	0				0.22
37.250	0.00	0.01	0.039	0				0.22
37.333	0.00	0.01	0.039	0				0.22
37.417	0.00	0.01	0.039	0				0.22
37.500	0.00	0.01	0.039	0				0.22
37.583	0.00	0.01	0.039	0				0.22
37.667	0.00	0.01	0.039	0				0.22
37.750	0.00	0.01	0.039	0				0.22
37.833	0.00	0.01	0.039	0				0.22
37.917	0.00	0.01	0.039	0				0.22
38.000	0.00	0.01	0.039	0				0.22
38.083	0.00	0.01	0.039	0				0.22
38.167	0.00	0.01	0.039	0				0.21
38.250	0.00	0.01	0.039	0				0.21
38.333	0.00	0.01	0.039	0				0.21
38.417	0.00	0.01	0.038	0				0.21
38.500	0.00	0.01	0.038	0				0.21
38.583	0.00	0.01	0.038	0				0.21
38.667	0.00	0.01	0.038	0				0.21
38.750	0.00	0.01	0.038	0				0.21
38.833	0.00	0.01	0.038	0				0.21
38.917	0.00	0.01	0.038	0				0.21
39.000	0.00	0.01	0.038	0				0.21
39.083	0.00	0.01	0.038	0				0.21
39.167	0.00	0.01	0.038	0				0.21
39.250	0.00	0.01	0.038	0				0.21
39.333	0.00	0.01	0.038	0				0.21
39.417	0.00	0.01	0.038	0				0.21
39.500	0.00	0.01	0.038	0				0.21
39.583	0.00	0.01	0.038	0				0.21
39.667	0.00	0.01	0.038	0				0.21
39.750	0.00	0.01	0.038	0				0.21
39.833	0.00	0.01	0.037	0				0.21
39.917	0.00	0.01	0.037	0				0.21
40.000	0.00	0.01	0.037	0				0.21
40.083	0.00	0.01	0.037	0				0.21
40.167	0.00	0.01	0.037	0				0.21
40.250	0.00	0.01	0.037	0				0.21
40.333	0.00	0.01	0.037	0				0.21
40.417	0.00	0.01	0.037	0				0.21
40.500	0.00	0.01	0.037	0				0.21
40.583	0.00	0.01	0.037	0				0.21
40.667	0.00	0.01	0.037	0				0.21
40.750	0.00	0.01	0.037	0				0.20
40.833	0.00	0.01	0.037	0				0.20
40.917	0.00	0.01	0.037	0				0.20
41.000	0.00	0.01	0.037	0				0.20
41.083	0.00	0.01	0.037	0				0.20
41.167	0.00	0.01	0.037	0				0.20
41.250	0.00	0.01	0.037	0				0.20
41.333	0.00	0.01	0.036	0				0.20
41.417	0.00	0.01	0.036	0				0.20
41.500	0.00	0.01	0.036	0				0.20
41.583	0.00	0.01	0.036	0				0.20
41.667	0.00	0.01	0.036	0				0.20
41.750	0.00	0.01	0.036	0				0.20

41.833	0.00	0.01	0.036	0				0.20
41.917	0.00	0.01	0.036	0				0.20
42.000	0.00	0.01	0.036	0				0.20
42.083	0.00	0.01	0.036	0				0.20
42.167	0.00	0.01	0.036	0				0.20
42.250	0.00	0.01	0.036	0				0.20
42.333	0.00	0.01	0.036	0				0.20
42.417	0.00	0.01	0.036	0				0.20
42.500	0.00	0.01	0.036	0				0.20
42.583	0.00	0.01	0.036	0				0.20
42.667	0.00	0.01	0.036	0				0.20
42.750	0.00	0.01	0.036	0				0.20
42.833	0.00	0.01	0.035	0				0.20
42.917	0.00	0.01	0.035	0				0.20
43.000	0.00	0.01	0.035	0				0.20
43.083	0.00	0.01	0.035	0				0.20
43.167	0.00	0.01	0.035	0				0.20
43.250	0.00	0.01	0.035	0				0.20
43.333	0.00	0.01	0.035	0				0.20
43.417	0.00	0.01	0.035	0				0.19
43.500	0.00	0.01	0.035	0				0.19
43.583	0.00	0.01	0.035	0				0.19
43.667	0.00	0.01	0.035	0				0.19
43.750	0.00	0.01	0.035	0				0.19
43.833	0.00	0.01	0.035	0				0.19
43.917	0.00	0.01	0.035	0				0.19
44.000	0.00	0.01	0.035	0				0.19
44.083	0.00	0.01	0.035	0				0.19
44.167	0.00	0.01	0.035	0				0.19
44.250	0.00	0.01	0.035	0				0.19
44.333	0.00	0.01	0.035	0				0.19
44.417	0.00	0.01	0.034	0				0.19
44.500	0.00	0.01	0.034	0				0.19
44.583	0.00	0.01	0.034	0				0.19
44.667	0.00	0.01	0.034	0				0.19
44.750	0.00	0.01	0.034	0				0.19
44.833	0.00	0.01	0.034	0				0.19
44.917	0.00	0.01	0.034	0				0.19
45.000	0.00	0.01	0.034	0				0.19
45.083	0.00	0.01	0.034	0				0.19
45.167	0.00	0.01	0.034	0				0.19
45.250	0.00	0.01	0.034	0				0.19
45.333	0.00	0.01	0.034	0				0.19
45.417	0.00	0.01	0.034	0				0.19
45.500	0.00	0.01	0.034	0				0.19
45.583	0.00	0.01	0.034	0				0.19
45.667	0.00	0.01	0.034	0				0.19
45.750	0.00	0.01	0.034	0				0.19
45.833	0.00	0.01	0.034	0				0.19
45.917	0.00	0.01	0.034	0				0.19
46.000	0.00	0.01	0.033	0				0.19
46.083	0.00	0.01	0.033	0				0.19
46.167	0.00	0.01	0.033	0				0.19
46.250	0.00	0.01	0.033	0				0.19
46.333	0.00	0.01	0.033	0				0.18
46.417	0.00	0.01	0.033	0				0.18
46.500	0.00	0.01	0.033	0				0.18
46.583	0.00	0.01	0.033	0				0.18
46.667	0.00	0.01	0.033	0				0.18
46.750	0.00	0.01	0.033	0				0.18
46.833	0.00	0.01	0.033	0				0.18
46.917	0.00	0.01	0.033	0				0.18
47.000	0.00	0.01	0.033	0				0.18
47.083	0.00	0.01	0.033	0				0.18
47.167	0.00	0.01	0.033	0				0.18
47.250	0.00	0.01	0.033	0				0.18
47.333	0.00	0.01	0.033	0				0.18
47.417	0.00	0.01	0.033	0				0.18
47.500	0.00	0.01	0.033	0				0.18
47.583	0.00	0.01	0.033	0				0.18
47.667	0.00	0.01	0.032	0				0.18

47.750	0.00	0.01	0.032	0				0.18
47.833	0.00	0.01	0.032	0				0.18
47.917	0.00	0.01	0.032	0				0.18
48.000	0.00	0.01	0.032	0				0.18
48.083	0.00	0.01	0.032	0				0.18
48.167	0.00	0.01	0.032	0				0.18
48.250	0.00	0.01	0.032	0				0.18
48.333	0.00	0.01	0.032	0				0.18
48.417	0.00	0.01	0.032	0				0.18
48.500	0.00	0.01	0.032	0				0.18
48.583	0.00	0.01	0.032	0				0.18
48.667	0.00	0.01	0.032	0				0.18
48.750	0.00	0.01	0.032	0				0.18
48.833	0.00	0.01	0.032	0				0.18
48.917	0.00	0.01	0.032	0				0.18
49.000	0.00	0.01	0.032	0				0.18
49.083	0.00	0.01	0.032	0				0.18
49.167	0.00	0.01	0.032	0				0.18
49.250	0.00	0.01	0.032	0				0.18
49.333	0.00	0.01	0.031	0				0.17
49.417	0.00	0.01	0.031	0				0.17
49.500	0.00	0.01	0.031	0				0.17
49.583	0.00	0.01	0.031	0				0.17
49.667	0.00	0.01	0.031	0				0.17
49.750	0.00	0.01	0.031	0				0.17
49.833	0.00	0.01	0.031	0				0.17
49.917	0.00	0.01	0.031	0				0.17
50.000	0.00	0.01	0.031	0				0.17
50.083	0.00	0.01	0.031	0				0.17
50.167	0.00	0.01	0.031	0				0.17
50.250	0.00	0.01	0.031	0				0.17
50.333	0.00	0.01	0.031	0				0.17
50.417	0.00	0.01	0.031	0				0.17
50.500	0.00	0.01	0.031	0				0.17
50.583	0.00	0.01	0.031	0				0.17
50.667	0.00	0.01	0.031	0				0.17
50.750	0.00	0.01	0.031	0				0.17
50.833	0.00	0.01	0.031	0				0.17
50.917	0.00	0.01	0.031	0				0.17
51.000	0.00	0.01	0.031	0				0.17
51.083	0.00	0.01	0.030	0				0.17
51.167	0.00	0.01	0.030	0				0.17
51.250	0.00	0.01	0.030	0				0.17
51.333	0.00	0.01	0.030	0				0.17
51.417	0.00	0.01	0.030	0				0.17
51.500	0.00	0.01	0.030	0				0.17
51.583	0.00	0.01	0.030	0				0.17
51.667	0.00	0.01	0.030	0				0.17
51.750	0.00	0.01	0.030	0				0.17
51.833	0.00	0.01	0.030	0				0.17
51.917	0.00	0.01	0.030	0				0.17
52.000	0.00	0.01	0.030	0				0.17
52.083	0.00	0.01	0.030	0				0.17
52.167	0.00	0.01	0.030	0				0.17
52.250	0.00	0.01	0.030	0				0.17
52.333	0.00	0.01	0.030	0				0.17
52.417	0.00	0.01	0.030	0				0.17
52.500	0.00	0.01	0.030	0				0.17
52.583	0.00	0.01	0.030	0				0.16
52.667	0.00	0.01	0.030	0				0.16
52.750	0.00	0.01	0.030	0				0.16
52.833	0.00	0.01	0.030	0				0.16
52.917	0.00	0.01	0.029	0				0.16
53.000	0.00	0.01	0.029	0				0.16
53.083	0.00	0.01	0.029	0				0.16
53.167	0.00	0.01	0.029	0				0.16
53.250	0.00	0.01	0.029	0				0.16
53.333	0.00	0.01	0.029	0				0.16
53.417	0.00	0.01	0.029	0				0.16
53.500	0.00	0.01	0.029	0				0.16
53.583	0.00	0.01	0.029	0				0.16

53.667	0.00	0.01	0.029	0					0.16
53.750	0.00	0.01	0.029	0					0.16
53.833	0.00	0.01	0.029	0					0.16
53.917	0.00	0.01	0.029	0					0.16
54.000	0.00	0.01	0.029	0					0.16
54.083	0.00	0.01	0.029	0					0.16
54.167	0.00	0.01	0.029	0					0.16
54.250	0.00	0.01	0.029	0					0.16
54.333	0.00	0.01	0.029	0					0.16
54.417	0.00	0.01	0.029	0					0.16
54.500	0.00	0.01	0.029	0					0.16
54.583	0.00	0.01	0.029	0					0.16
54.667	0.00	0.01	0.029	0					0.16
54.750	0.00	0.01	0.028	0					0.16
54.833	0.00	0.01	0.028	0					0.16
54.917	0.00	0.01	0.028	0					0.16
55.000	0.00	0.01	0.028	0					0.16
55.083	0.00	0.01	0.028	0					0.16
55.167	0.00	0.01	0.028	0					0.16
55.250	0.00	0.01	0.028	0					0.16
55.333	0.00	0.01	0.028	0					0.16
55.417	0.00	0.01	0.028	0					0.16
55.500	0.00	0.01	0.028	0					0.16
55.583	0.00	0.01	0.028	0					0.16
55.667	0.00	0.01	0.028	0					0.16
55.750	0.00	0.01	0.028	0					0.16
55.833	0.00	0.01	0.028	0					0.16
55.917	0.00	0.01	0.028	0					0.15
56.000	0.00	0.01	0.028	0					0.15
56.083	0.00	0.01	0.028	0					0.15
56.167	0.00	0.01	0.028	0					0.15
56.250	0.00	0.01	0.028	0					0.15
56.333	0.00	0.01	0.028	0					0.15
56.417	0.00	0.01	0.028	0					0.15
56.500	0.00	0.01	0.028	0					0.15
56.583	0.00	0.01	0.028	0					0.15
56.667	0.00	0.01	0.028	0					0.15
56.750	0.00	0.01	0.027	0					0.15
56.833	0.00	0.01	0.027	0					0.15
56.917	0.00	0.01	0.027	0					0.15
57.000	0.00	0.01	0.027	0					0.15
57.083	0.00	0.01	0.027	0					0.15
57.167	0.00	0.01	0.027	0					0.15
57.250	0.00	0.01	0.027	0					0.15
57.333	0.00	0.01	0.027	0					0.15
57.417	0.00	0.01	0.027	0					0.15
57.500	0.00	0.01	0.027	0					0.15
57.583	0.00	0.01	0.027	0					0.15
57.667	0.00	0.01	0.027	0					0.15
57.750	0.00	0.01	0.027	0					0.15
57.833	0.00	0.01	0.027	0					0.15
57.917	0.00	0.01	0.027	0					0.15
58.000	0.00	0.01	0.027	0					0.15
58.083	0.00	0.01	0.027	0					0.15
58.167	0.00	0.01	0.027	0					0.15
58.250	0.00	0.01	0.027	0					0.15
58.333	0.00	0.01	0.027	0					0.15
58.417	0.00	0.01	0.027	0					0.15
58.500	0.00	0.01	0.027	0					0.15
58.583	0.00	0.01	0.027	0					0.15
58.667	0.00	0.01	0.027	0					0.15
58.750	0.00	0.01	0.026	0					0.15
58.833	0.00	0.01	0.026	0					0.15
58.917	0.00	0.01	0.026	0					0.15
59.000	0.00	0.01	0.026	0					0.15
59.083	0.00	0.01	0.026	0					0.15
59.167	0.00	0.01	0.026	0					0.15
59.250	0.00	0.01	0.026	0					0.15
59.333	0.00	0.01	0.026	0					0.15
59.417	0.00	0.01	0.026	0					0.15
59.500	0.00	0.01	0.026	0					0.15

59.583	0.00	0.01	0.026	0				0.14
59.667	0.00	0.01	0.026	0				0.14
59.750	0.00	0.01	0.026	0				0.14
59.833	0.00	0.01	0.026	0				0.14
59.917	0.00	0.01	0.026	0				0.14
60.000	0.00	0.01	0.026	0				0.14
60.083	0.00	0.01	0.026	0				0.14
60.167	0.00	0.01	0.026	0				0.14
60.250	0.00	0.01	0.026	0				0.14
60.333	0.00	0.01	0.026	0				0.14
60.417	0.00	0.01	0.026	0				0.14
60.500	0.00	0.01	0.026	0				0.14
60.583	0.00	0.01	0.026	0				0.14
60.667	0.00	0.01	0.026	0				0.14
60.750	0.00	0.01	0.026	0				0.14
60.833	0.00	0.01	0.025	0				0.14
60.917	0.00	0.01	0.025	0				0.14
61.000	0.00	0.01	0.025	0				0.14
61.083	0.00	0.01	0.025	0				0.14
61.167	0.00	0.01	0.025	0				0.14
61.250	0.00	0.01	0.025	0				0.14
61.333	0.00	0.01	0.025	0				0.14
61.417	0.00	0.01	0.025	0				0.14
61.500	0.00	0.01	0.025	0				0.14
61.583	0.00	0.01	0.025	0				0.14
61.667	0.00	0.01	0.025	0				0.14
61.750	0.00	0.01	0.025	0				0.14
61.833	0.00	0.01	0.025	0				0.14
61.917	0.00	0.01	0.025	0				0.14
62.000	0.00	0.01	0.025	0				0.14
62.083	0.00	0.01	0.025	0				0.14
62.167	0.00	0.01	0.025	0				0.14
62.250	0.00	0.01	0.025	0				0.14
62.333	0.00	0.01	0.025	0				0.14
62.417	0.00	0.01	0.025	0				0.14
62.500	0.00	0.01	0.025	0				0.14
62.583	0.00	0.01	0.025	0				0.14
62.667	0.00	0.01	0.025	0				0.14
62.750	0.00	0.01	0.025	0				0.14
62.833	0.00	0.01	0.025	0				0.14
62.917	0.00	0.01	0.025	0				0.14
63.000	0.00	0.01	0.024	0				0.14
63.083	0.00	0.01	0.024	0				0.14
63.167	0.00	0.01	0.024	0				0.14
63.250	0.00	0.01	0.024	0				0.14
63.333	0.00	0.01	0.024	0				0.14
63.417	0.00	0.01	0.024	0				0.14
63.500	0.00	0.01	0.024	0				0.13
63.583	0.00	0.01	0.024	0				0.13
63.667	0.00	0.01	0.024	0				0.13
63.750	0.00	0.01	0.024	0				0.13
63.833	0.00	0.01	0.024	0				0.13
63.917	0.00	0.01	0.024	0				0.13
64.000	0.00	0.01	0.024	0				0.13
64.083	0.00	0.01	0.024	0				0.13
64.167	0.00	0.01	0.024	0				0.13
64.250	0.00	0.01	0.024	0				0.13
64.333	0.00	0.01	0.024	0				0.13
64.417	0.00	0.01	0.024	0				0.13
64.500	0.00	0.01	0.024	0				0.13
64.583	0.00	0.01	0.024	0				0.13
64.667	0.00	0.01	0.024	0				0.13
64.750	0.00	0.01	0.024	0				0.13
64.833	0.00	0.01	0.024	0				0.13
64.917	0.00	0.01	0.024	0				0.13
65.000	0.00	0.01	0.024	0				0.13
65.083	0.00	0.01	0.024	0				0.13
65.167	0.00	0.01	0.024	0				0.13
65.250	0.00	0.01	0.024	0				0.13
65.333	0.00	0.01	0.023	0				0.13
65.417	0.00	0.01	0.023	0				0.13

65.500	0.00	0.01	0.023	0				0.13
65.583	0.00	0.01	0.023	0				0.13
65.667	0.00	0.01	0.023	0				0.13
65.750	0.00	0.01	0.023	0				0.13
65.833	0.00	0.01	0.023	0				0.13
65.917	0.00	0.01	0.023	0				0.13
66.000	0.00	0.01	0.023	0				0.13
66.083	0.00	0.01	0.023	0				0.13
66.167	0.00	0.01	0.023	0				0.13
66.250	0.00	0.01	0.023	0				0.13
66.333	0.00	0.01	0.023	0				0.13
66.417	0.00	0.01	0.023	0				0.13
66.500	0.00	0.01	0.023	0				0.13
66.583	0.00	0.01	0.023	0				0.13
66.667	0.00	0.01	0.023	0				0.13
66.750	0.00	0.01	0.023	0				0.13
66.833	0.00	0.01	0.023	0				0.13
66.917	0.00	0.01	0.023	0				0.13
67.000	0.00	0.01	0.023	0				0.13
67.083	0.00	0.01	0.023	0				0.13
67.167	0.00	0.01	0.023	0				0.13
67.250	0.00	0.01	0.023	0				0.13
67.333	0.00	0.01	0.023	0				0.13
67.417	0.00	0.01	0.023	0				0.13
67.500	0.00	0.01	0.023	0				0.13
67.583	0.00	0.01	0.023	0				0.13
67.667	0.00	0.00	0.022	0				0.12
67.750	0.00	0.00	0.022	0				0.12
67.833	0.00	0.00	0.022	0				0.12
67.917	0.00	0.00	0.022	0				0.12
68.000	0.00	0.00	0.022	0				0.12
68.083	0.00	0.00	0.022	0				0.12
68.167	0.00	0.00	0.022	0				0.12
68.250	0.00	0.00	0.022	0				0.12
68.333	0.00	0.00	0.022	0				0.12
68.417	0.00	0.00	0.022	0				0.12
68.500	0.00	0.00	0.022	0				0.12
68.583	0.00	0.00	0.022	0				0.12
68.667	0.00	0.00	0.022	0				0.12
68.750	0.00	0.00	0.022	0				0.12
68.833	0.00	0.00	0.022	0				0.12
68.917	0.00	0.00	0.022	0				0.12
69.000	0.00	0.00	0.022	0				0.12
69.083	0.00	0.00	0.022	0				0.12
69.167	0.00	0.00	0.022	0				0.12
69.250	0.00	0.00	0.022	0				0.12
69.333	0.00	0.00	0.022	0				0.12
69.417	0.00	0.00	0.022	0				0.12
69.500	0.00	0.00	0.022	0				0.12
69.583	0.00	0.00	0.022	0				0.12
69.667	0.00	0.00	0.022	0				0.12
69.750	0.00	0.00	0.022	0				0.12
69.833	0.00	0.00	0.022	0				0.12
69.917	0.00	0.00	0.022	0				0.12
70.000	0.00	0.00	0.022	0				0.12
70.083	0.00	0.00	0.022	0				0.12
70.167	0.00	0.00	0.021	0				0.12
70.250	0.00	0.00	0.021	0				0.12
70.333	0.00	0.00	0.021	0				0.12
70.417	0.00	0.00	0.021	0				0.12
70.500	0.00	0.00	0.021	0				0.12
70.583	0.00	0.00	0.021	0				0.12
70.667	0.00	0.00	0.021	0				0.12
70.750	0.00	0.00	0.021	0				0.12
70.833	0.00	0.00	0.021	0				0.12
70.917	0.00	0.00	0.021	0				0.12
71.000	0.00	0.00	0.021	0				0.12
71.083	0.00	0.00	0.021	0				0.12
71.167	0.00	0.00	0.021	0				0.12
71.250	0.00	0.00	0.021	0				0.12
71.333	0.00	0.00	0.021	0				0.12

71.417	0.00	0.00	0.021	0					0.12
71.500	0.00	0.00	0.021	0					0.12
71.583	0.00	0.00	0.021	0					0.12
71.667	0.00	0.00	0.021	0					0.12
71.750	0.00	0.00	0.021	0					0.12
71.833	0.00	0.00	0.021	0					0.12
71.917	0.00	0.00	0.021	0					0.12
72.000	0.00	0.00	0.021	0					0.12
72.083	0.00	0.00	0.021	0					0.12
72.167	0.00	0.00	0.021	0					0.11
72.250	0.00	0.00	0.021	0					0.11
72.333	0.00	0.00	0.021	0					0.11
72.417	0.00	0.00	0.021	0					0.11
72.500	0.00	0.00	0.021	0					0.11
72.583	0.00	0.00	0.021	0					0.11
72.667	0.00	0.00	0.021	0					0.11
72.750	0.00	0.00	0.020	0					0.11
72.833	0.00	0.00	0.020	0					0.11
72.917	0.00	0.00	0.020	0					0.11
73.000	0.00	0.00	0.020	0					0.11
73.083	0.00	0.00	0.020	0					0.11
73.167	0.00	0.00	0.020	0					0.11
73.250	0.00	0.00	0.020	0					0.11
73.333	0.00	0.00	0.020	0					0.11
73.417	0.00	0.00	0.020	0					0.11
73.500	0.00	0.00	0.020	0					0.11
73.583	0.00	0.00	0.020	0					0.11
73.667	0.00	0.00	0.020	0					0.11
73.750	0.00	0.00	0.020	0					0.11
73.833	0.00	0.00	0.020	0					0.11
73.917	0.00	0.00	0.020	0					0.11
74.000	0.00	0.00	0.020	0					0.11
74.083	0.00	0.00	0.020	0					0.11
74.167	0.00	0.00	0.020	0					0.11
74.250	0.00	0.00	0.020	0					0.11
74.333	0.00	0.00	0.020	0					0.11
74.417	0.00	0.00	0.020	0					0.11
74.500	0.00	0.00	0.020	0					0.11
74.583	0.00	0.00	0.020	0					0.11
74.667	0.00	0.00	0.020	0					0.11
74.750	0.00	0.00	0.020	0					0.11
74.833	0.00	0.00	0.020	0					0.11
74.917	0.00	0.00	0.020	0					0.11
75.000	0.00	0.00	0.020	0					0.11
75.083	0.00	0.00	0.020	0					0.11
75.167	0.00	0.00	0.020	0					0.11
75.250	0.00	0.00	0.020	0					0.11
75.333	0.00	0.00	0.020	0					0.11
75.417	0.00	0.00	0.019	0					0.11
75.500	0.00	0.00	0.019	0					0.11
75.583	0.00	0.00	0.019	0					0.11
75.667	0.00	0.00	0.019	0					0.11
75.750	0.00	0.00	0.019	0					0.11
75.833	0.00	0.00	0.019	0					0.11
75.917	0.00	0.00	0.019	0					0.11
76.000	0.00	0.00	0.019	0					0.11
76.083	0.00	0.00	0.019	0					0.11
76.167	0.00	0.00	0.019	0					0.11
76.250	0.00	0.00	0.019	0					0.11
76.333	0.00	0.00	0.019	0					0.11
76.417	0.00	0.00	0.019	0					0.11
76.500	0.00	0.00	0.019	0					0.11
76.583	0.00	0.00	0.019	0					0.11
76.667	0.00	0.00	0.019	0					0.11
76.750	0.00	0.00	0.019	0					0.11
76.833	0.00	0.00	0.019	0					0.11
76.917	0.00	0.00	0.019	0					0.11
77.000	0.00	0.00	0.019	0					0.11
77.083	0.00	0.00	0.019	0					0.11
77.167	0.00	0.00	0.019	0					0.10
77.250	0.00	0.00	0.019	0					0.10

77.333	0.00	0.00	0.019	0				0.10
77.417	0.00	0.00	0.019	0				0.10
77.500	0.00	0.00	0.019	0				0.10
77.583	0.00	0.00	0.019	0				0.10
77.667	0.00	0.00	0.019	0				0.10
77.750	0.00	0.00	0.019	0				0.10
77.833	0.00	0.00	0.019	0				0.10
77.917	0.00	0.00	0.019	0				0.10
78.000	0.00	0.00	0.019	0				0.10
78.083	0.00	0.00	0.019	0				0.10
78.167	0.00	0.00	0.019	0				0.10
78.250	0.00	0.00	0.019	0				0.10
78.333	0.00	0.00	0.018	0				0.10
78.417	0.00	0.00	0.018	0				0.10
78.500	0.00	0.00	0.018	0				0.10
78.583	0.00	0.00	0.018	0				0.10
78.667	0.00	0.00	0.018	0				0.10
78.750	0.00	0.00	0.018	0				0.10
78.833	0.00	0.00	0.018	0				0.10
78.917	0.00	0.00	0.018	0				0.10
79.000	0.00	0.00	0.018	0				0.10
79.083	0.00	0.00	0.018	0				0.10
79.167	0.00	0.00	0.018	0				0.10
79.250	0.00	0.00	0.018	0				0.10
79.333	0.00	0.00	0.018	0				0.10
79.417	0.00	0.00	0.018	0				0.10
79.500	0.00	0.00	0.018	0				0.10
79.583	0.00	0.00	0.018	0				0.10
79.667	0.00	0.00	0.018	0				0.10
79.750	0.00	0.00	0.018	0				0.10
79.833	0.00	0.00	0.018	0				0.10
79.917	0.00	0.00	0.018	0				0.10
80.000	0.00	0.00	0.018	0				0.10
80.083	0.00	0.00	0.018	0				0.10
80.167	0.00	0.00	0.018	0				0.10
80.250	0.00	0.00	0.018	0				0.10
80.333	0.00	0.00	0.018	0				0.10
80.417	0.00	0.00	0.018	0				0.10
80.500	0.00	0.00	0.018	0				0.10
80.583	0.00	0.00	0.018	0				0.10
80.667	0.00	0.00	0.018	0				0.10
80.750	0.00	0.00	0.018	0				0.10
80.833	0.00	0.00	0.018	0				0.10
80.917	0.00	0.00	0.018	0				0.10
81.000	0.00	0.00	0.018	0				0.10
81.083	0.00	0.00	0.018	0				0.10
81.167	0.00	0.00	0.018	0				0.10
81.250	0.00	0.00	0.018	0				0.10
81.333	0.00	0.00	0.017	0				0.10
81.417	0.00	0.00	0.017	0				0.10
81.500	0.00	0.00	0.017	0				0.10
81.583	0.00	0.00	0.017	0				0.10
81.667	0.00	0.00	0.017	0				0.10
81.750	0.00	0.00	0.017	0				0.10
81.833	0.00	0.00	0.017	0				0.10
81.917	0.00	0.00	0.017	0				0.10
82.000	0.00	0.00	0.017	0				0.10
82.083	0.00	0.00	0.017	0				0.10
82.167	0.00	0.00	0.017	0				0.10
82.250	0.00	0.00	0.017	0				0.10
82.333	0.00	0.00	0.017	0				0.10
82.417	0.00	0.00	0.017	0				0.10
82.500	0.00	0.00	0.017	0				0.10
82.583	0.00	0.00	0.017	0				0.09
82.667	0.00	0.00	0.017	0				0.09
82.750	0.00	0.00	0.017	0				0.09
82.833	0.00	0.00	0.017	0				0.09
82.917	0.00	0.00	0.017	0				0.09
83.000	0.00	0.00	0.017	0				0.09
83.083	0.00	0.00	0.017	0				0.09
83.167	0.00	0.00	0.017	0				0.09

83.250	0.00	0.00	0.017	0				0.09
83.333	0.00	0.00	0.017	0				0.09
83.417	0.00	0.00	0.017	0				0.09
83.500	0.00	0.00	0.017	0				0.09
83.583	0.00	0.00	0.017	0				0.09
83.667	0.00	0.00	0.017	0				0.09
83.750	0.00	0.00	0.017	0				0.09
83.833	0.00	0.00	0.017	0				0.09
83.917	0.00	0.00	0.017	0				0.09
84.000	0.00	0.00	0.017	0				0.09
84.083	0.00	0.00	0.017	0				0.09
84.167	0.00	0.00	0.017	0				0.09
84.250	0.00	0.00	0.017	0				0.09
84.333	0.00	0.00	0.017	0				0.09
84.417	0.00	0.00	0.017	0				0.09
84.500	0.00	0.00	0.017	0				0.09
84.583	0.00	0.00	0.016	0				0.09
84.667	0.00	0.00	0.016	0				0.09
84.750	0.00	0.00	0.016	0				0.09
84.833	0.00	0.00	0.016	0				0.09
84.917	0.00	0.00	0.016	0				0.09
85.000	0.00	0.00	0.016	0				0.09
85.083	0.00	0.00	0.016	0				0.09
85.167	0.00	0.00	0.016	0				0.09
85.250	0.00	0.00	0.016	0				0.09
85.333	0.00	0.00	0.016	0				0.09
85.417	0.00	0.00	0.016	0				0.09
85.500	0.00	0.00	0.016	0				0.09
85.583	0.00	0.00	0.016	0				0.09
85.667	0.00	0.00	0.016	0				0.09
85.750	0.00	0.00	0.016	0				0.09
85.833	0.00	0.00	0.016	0				0.09
85.917	0.00	0.00	0.016	0				0.09
86.000	0.00	0.00	0.016	0				0.09
86.083	0.00	0.00	0.016	0				0.09
86.167	0.00	0.00	0.016	0				0.09
86.250	0.00	0.00	0.016	0				0.09
86.333	0.00	0.00	0.016	0				0.09
86.417	0.00	0.00	0.016	0				0.09
86.500	0.00	0.00	0.016	0				0.09
86.583	0.00	0.00	0.016	0				0.09
86.667	0.00	0.00	0.016	0				0.09
86.750	0.00	0.00	0.016	0				0.09
86.833	0.00	0.00	0.016	0				0.09
86.917	0.00	0.00	0.016	0				0.09
87.000	0.00	0.00	0.016	0				0.09
87.083	0.00	0.00	0.016	0				0.09
87.167	0.00	0.00	0.016	0				0.09
87.250	0.00	0.00	0.016	0				0.09
87.333	0.00	0.00	0.016	0				0.09
87.417	0.00	0.00	0.016	0				0.09
87.500	0.00	0.00	0.016	0				0.09
87.583	0.00	0.00	0.016	0				0.09
87.667	0.00	0.00	0.016	0				0.09
87.750	0.00	0.00	0.016	0				0.09
87.833	0.00	0.00	0.016	0				0.09
87.917	0.00	0.00	0.015	0				0.09
88.000	0.00	0.00	0.015	0				0.09
88.083	0.00	0.00	0.015	0				0.09
88.167	0.00	0.00	0.015	0				0.09
88.250	0.00	0.00	0.015	0				0.09
88.333	0.00	0.00	0.015	0				0.09
88.417	0.00	0.00	0.015	0				0.09
88.500	0.00	0.00	0.015	0				0.09
88.583	0.00	0.00	0.015	0				0.09
88.667	0.00	0.00	0.015	0				0.08
88.750	0.00	0.00	0.015	0				0.08
88.833	0.00	0.00	0.015	0				0.08
88.917	0.00	0.00	0.015	0				0.08
89.000	0.00	0.00	0.015	0				0.08
89.083	0.00	0.00	0.015	0				0.08

89.167	0.00	0.00	0.015	0				0.08
89.250	0.00	0.00	0.015	0				0.08
89.333	0.00	0.00	0.015	0				0.08
89.417	0.00	0.00	0.015	0				0.08
89.500	0.00	0.00	0.015	0				0.08
89.583	0.00	0.00	0.015	0				0.08
89.667	0.00	0.00	0.015	0				0.08
89.750	0.00	0.00	0.015	0				0.08
89.833	0.00	0.00	0.015	0				0.08
89.917	0.00	0.00	0.015	0				0.08
90.000	0.00	0.00	0.015	0				0.08
90.083	0.00	0.00	0.015	0				0.08
90.167	0.00	0.00	0.015	0				0.08
90.250	0.00	0.00	0.015	0				0.08
90.333	0.00	0.00	0.015	0				0.08
90.417	0.00	0.00	0.015	0				0.08
90.500	0.00	0.00	0.015	0				0.08
90.583	0.00	0.00	0.015	0				0.08
90.667	0.00	0.00	0.015	0				0.08
90.750	0.00	0.00	0.015	0				0.08
90.833	0.00	0.00	0.015	0				0.08
90.917	0.00	0.00	0.015	0				0.08
91.000	0.00	0.00	0.015	0				0.08
91.083	0.00	0.00	0.015	0				0.08
91.167	0.00	0.00	0.015	0				0.08
91.250	0.00	0.00	0.015	0				0.08
91.333	0.00	0.00	0.015	0				0.08
91.417	0.00	0.00	0.015	0				0.08
91.500	0.00	0.00	0.015	0				0.08
91.583	0.00	0.00	0.014	0				0.08
91.667	0.00	0.00	0.014	0				0.08
91.750	0.00	0.00	0.014	0				0.08
91.833	0.00	0.00	0.014	0				0.08
91.917	0.00	0.00	0.014	0				0.08
92.000	0.00	0.00	0.014	0				0.08
92.083	0.00	0.00	0.014	0				0.08
92.167	0.00	0.00	0.014	0				0.08
92.250	0.00	0.00	0.014	0				0.08
92.333	0.00	0.00	0.014	0				0.08
92.417	0.00	0.00	0.014	0				0.08
92.500	0.00	0.00	0.014	0				0.08
92.583	0.00	0.00	0.014	0				0.08
92.667	0.00	0.00	0.014	0				0.08
92.750	0.00	0.00	0.014	0				0.08
92.833	0.00	0.00	0.014	0				0.08
92.917	0.00	0.00	0.014	0				0.08
93.000	0.00	0.00	0.014	0				0.08
93.083	0.00	0.00	0.014	0				0.08
93.167	0.00	0.00	0.014	0				0.08
93.250	0.00	0.00	0.014	0				0.08
93.333	0.00	0.00	0.014	0				0.08
93.417	0.00	0.00	0.014	0				0.08
93.500	0.00	0.00	0.014	0				0.08
93.583	0.00	0.00	0.014	0				0.08
93.667	0.00	0.00	0.014	0				0.08
93.750	0.00	0.00	0.014	0				0.08
93.833	0.00	0.00	0.014	0				0.08
93.917	0.00	0.00	0.014	0				0.08
94.000	0.00	0.00	0.014	0				0.08
94.083	0.00	0.00	0.014	0				0.08
94.167	0.00	0.00	0.014	0				0.08
94.250	0.00	0.00	0.014	0				0.08
94.333	0.00	0.00	0.014	0				0.08
94.417	0.00	0.00	0.014	0				0.08
94.500	0.00	0.00	0.014	0				0.08
94.583	0.00	0.00	0.014	0				0.08
94.667	0.00	0.00	0.014	0				0.08
94.750	0.00	0.00	0.014	0				0.08
94.833	0.00	0.00	0.014	0				0.08
94.917	0.00	0.00	0.014	0				0.08
95.000	0.00	0.00	0.014	0				0.08

95.083	0.00	0.00	0.014	0				0.08
95.167	0.00	0.00	0.014	0				0.08
95.250	0.00	0.00	0.014	0				0.08
95.333	0.00	0.00	0.014	0				0.08
95.417	0.00	0.00	0.014	0				0.08
95.500	0.00	0.00	0.013	0				0.07
95.583	0.00	0.00	0.013	0				0.07
95.667	0.00	0.00	0.013	0				0.07
95.750	0.00	0.00	0.013	0				0.07
95.833	0.00	0.00	0.013	0				0.07
95.917	0.00	0.00	0.013	0				0.07
96.000	0.00	0.00	0.013	0				0.07
96.083	0.00	0.00	0.013	0				0.07
96.167	0.00	0.00	0.013	0				0.07
96.250	0.00	0.00	0.013	0				0.07
96.333	0.00	0.00	0.013	0				0.07
96.417	0.00	0.00	0.013	0				0.07
96.500	0.00	0.00	0.013	0				0.07
96.583	0.00	0.00	0.013	0				0.07
96.667	0.00	0.00	0.013	0				0.07
96.750	0.00	0.00	0.013	0				0.07
96.833	0.00	0.00	0.013	0				0.07
96.917	0.00	0.00	0.013	0				0.07
97.000	0.00	0.00	0.013	0				0.07
97.083	0.00	0.00	0.013	0				0.07
97.167	0.00	0.00	0.013	0				0.07
97.250	0.00	0.00	0.013	0				0.07
97.333	0.00	0.00	0.013	0				0.07
97.417	0.00	0.00	0.013	0				0.07
97.500	0.00	0.00	0.013	0				0.07
97.583	0.00	0.00	0.013	0				0.07
97.667	0.00	0.00	0.013	0				0.07
97.750	0.00	0.00	0.013	0				0.07
97.833	0.00	0.00	0.013	0				0.07
97.917	0.00	0.00	0.013	0				0.07
98.000	0.00	0.00	0.013	0				0.07
98.083	0.00	0.00	0.013	0				0.07
98.167	0.00	0.00	0.013	0				0.07
98.250	0.00	0.00	0.013	0				0.07
98.333	0.00	0.00	0.013	0				0.07
98.417	0.00	0.00	0.013	0				0.07
98.500	0.00	0.00	0.013	0				0.07
98.583	0.00	0.00	0.013	0				0.07
98.667	0.00	0.00	0.013	0				0.07
98.750	0.00	0.00	0.013	0				0.07
98.833	0.00	0.00	0.013	0				0.07
98.917	0.00	0.00	0.013	0				0.07
99.000	0.00	0.00	0.013	0				0.07
99.083	0.00	0.00	0.013	0				0.07
99.167	0.00	0.00	0.013	0				0.07
99.250	0.00	0.00	0.013	0				0.07
99.333	0.00	0.00	0.013	0				0.07
99.417	0.00	0.00	0.013	0				0.07
99.500	0.00	0.00	0.013	0				0.07
99.583	0.00	0.00	0.013	0				0.07
99.667	0.00	0.00	0.012	0				0.07
99.750	0.00	0.00	0.012	0				0.07
99.833	0.00	0.00	0.012	0				0.07
99.917	0.00	0.00	0.012	0				0.07
100.000	0.00	0.00	0.012	0				0.07
100.083	0.00	0.00	0.012	0				0.07
100.167	0.00	0.00	0.012	0				0.07
100.250	0.00	0.00	0.012	0				0.07
100.333	0.00	0.00	0.012	0				0.07
100.417	0.00	0.00	0.012	0				0.07
100.500	0.00	0.00	0.012	0				0.07
100.583	0.00	0.00	0.012	0				0.07
100.667	0.00	0.00	0.012	0				0.07
100.750	0.00	0.00	0.012	0				0.07
100.833	0.00	0.00	0.012	0				0.07
100.917	0.00	0.00	0.012	0				0.07

101.000	0.00	0.00	0.012	0				0.07
101.083	0.00	0.00	0.012	0				0.07
101.167	0.00	0.00	0.012	0				0.07
101.250	0.00	0.00	0.012	0				0.07
101.333	0.00	0.00	0.012	0				0.07
101.417	0.00	0.00	0.012	0				0.07
101.500	0.00	0.00	0.012	0				0.07
101.583	0.00	0.00	0.012	0				0.07
101.667	0.00	0.00	0.012	0				0.07
101.750	0.00	0.00	0.012	0				0.07
101.833	0.00	0.00	0.012	0				0.07
101.917	0.00	0.00	0.012	0				0.07
102.000	0.00	0.00	0.012	0				0.07
102.083	0.00	0.00	0.012	0				0.07
102.167	0.00	0.00	0.012	0				0.07
102.250	0.00	0.00	0.012	0				0.07
102.333	0.00	0.00	0.012	0				0.07
102.417	0.00	0.00	0.012	0				0.07
102.500	0.00	0.00	0.012	0				0.07
102.583	0.00	0.00	0.012	0				0.07
102.667	0.00	0.00	0.012	0				0.07
102.750	0.00	0.00	0.012	0				0.07
102.833	0.00	0.00	0.012	0				0.07
102.917	0.00	0.00	0.012	0				0.07
103.000	0.00	0.00	0.012	0				0.07
103.083	0.00	0.00	0.012	0				0.07
103.167	0.00	0.00	0.012	0				0.07
103.250	0.00	0.00	0.012	0				0.06
103.333	0.00	0.00	0.012	0				0.06
103.417	0.00	0.00	0.012	0				0.06
103.500	0.00	0.00	0.012	0				0.06
103.583	0.00	0.00	0.012	0				0.06
103.667	0.00	0.00	0.012	0				0.06
103.750	0.00	0.00	0.012	0				0.06
103.833	0.00	0.00	0.012	0				0.06
103.917	0.00	0.00	0.012	0				0.06
104.000	0.00	0.00	0.012	0				0.06
104.083	0.00	0.00	0.012	0				0.06
104.167	0.00	0.00	0.011	0				0.06
104.250	0.00	0.00	0.011	0				0.06
104.333	0.00	0.00	0.011	0				0.06
104.417	0.00	0.00	0.011	0				0.06
104.500	0.00	0.00	0.011	0				0.06
104.583	0.00	0.00	0.011	0				0.06
104.667	0.00	0.00	0.011	0				0.06
104.750	0.00	0.00	0.011	0				0.06
104.833	0.00	0.00	0.011	0				0.06
104.917	0.00	0.00	0.011	0				0.06
105.000	0.00	0.00	0.011	0				0.06
105.083	0.00	0.00	0.011	0				0.06
105.167	0.00	0.00	0.011	0				0.06
105.250	0.00	0.00	0.011	0				0.06
105.333	0.00	0.00	0.011	0				0.06
105.417	0.00	0.00	0.011	0				0.06
105.500	0.00	0.00	0.011	0				0.06
105.583	0.00	0.00	0.011	0				0.06
105.667	0.00	0.00	0.011	0				0.06
105.750	0.00	0.00	0.011	0				0.06
105.833	0.00	0.00	0.011	0				0.06
105.917	0.00	0.00	0.011	0				0.06
106.000	0.00	0.00	0.011	0				0.06
106.083	0.00	0.00	0.011	0				0.06
106.167	0.00	0.00	0.011	0				0.06
106.250	0.00	0.00	0.011	0				0.06
106.333	0.00	0.00	0.011	0				0.06
106.417	0.00	0.00	0.011	0				0.06
106.500	0.00	0.00	0.011	0				0.06
106.583	0.00	0.00	0.011	0				0.06
106.667	0.00	0.00	0.011	0				0.06
106.750	0.00	0.00	0.011	0				0.06
106.833	0.00	0.00	0.011	0				0.06

106.917	0.00	0.00	0.011	0					0.06
107.000	0.00	0.00	0.011	0					0.06
107.083	0.00	0.00	0.011	0					0.06
107.167	0.00	0.00	0.011	0					0.06
107.250	0.00	0.00	0.011	0					0.06
107.333	0.00	0.00	0.011	0					0.06
107.417	0.00	0.00	0.011	0					0.06
107.500	0.00	0.00	0.011	0					0.06
107.583	0.00	0.00	0.011	0					0.06
107.667	0.00	0.00	0.011	0					0.06
107.750	0.00	0.00	0.011	0					0.06
107.833	0.00	0.00	0.011	0					0.06
107.917	0.00	0.00	0.011	0					0.06
108.000	0.00	0.00	0.011	0					0.06
108.083	0.00	0.00	0.011	0					0.06
108.167	0.00	0.00	0.011	0					0.06
108.250	0.00	0.00	0.011	0					0.06
108.333	0.00	0.00	0.011	0					0.06
108.417	0.00	0.00	0.011	0					0.06
108.500	0.00	0.00	0.011	0					0.06
108.583	0.00	0.00	0.011	0					0.06
108.667	0.00	0.00	0.011	0					0.06
108.750	0.00	0.00	0.011	0					0.06
108.833	0.00	0.00	0.011	0					0.06
108.917	0.00	0.00	0.011	0					0.06
109.000	0.00	0.00	0.011	0					0.06
109.083	0.00	0.00	0.011	0					0.06
109.167	0.00	0.00	0.010	0					0.06
109.250	0.00	0.00	0.010	0					0.06
109.333	0.00	0.00	0.010	0					0.06
109.417	0.00	0.00	0.010	0					0.06
109.500	0.00	0.00	0.010	0					0.06
109.583	0.00	0.00	0.010	0					0.06
109.667	0.00	0.00	0.010	0					0.06
109.750	0.00	0.00	0.010	0					0.06
109.833	0.00	0.00	0.010	0					0.06
109.917	0.00	0.00	0.010	0					0.06
110.000	0.00	0.00	0.010	0					0.06
110.083	0.00	0.00	0.010	0					0.06
110.167	0.00	0.00	0.010	0					0.06
110.250	0.00	0.00	0.010	0					0.06
110.333	0.00	0.00	0.010	0					0.06
110.417	0.00	0.00	0.010	0					0.06
110.500	0.00	0.00	0.010	0					0.06
110.583	0.00	0.00	0.010	0					0.06
110.667	0.00	0.00	0.010	0					0.06
110.750	0.00	0.00	0.010	0					0.06
110.833	0.00	0.00	0.010	0					0.06
110.917	0.00	0.00	0.010	0					0.06
111.000	0.00	0.00	0.010	0					0.06
111.083	0.00	0.00	0.010	0					0.06
111.167	0.00	0.00	0.010	0					0.06
111.250	0.00	0.00	0.010	0					0.06
111.333	0.00	0.00	0.010	0					0.06
111.417	0.00	0.00	0.010	0					0.06
111.500	0.00	0.00	0.010	0					0.06
111.583	0.00	0.00	0.010	0					0.06
111.667	0.00	0.00	0.010	0					0.06
111.750	0.00	0.00	0.010	0					0.06
111.833	0.00	0.00	0.010	0					0.06
111.917	0.00	0.00	0.010	0					0.06
112.000	0.00	0.00	0.010	0					0.06
112.083	0.00	0.00	0.010	0					0.06
112.167	0.00	0.00	0.010	0					0.06
112.250	0.00	0.00	0.010	0					0.06
112.333	0.00	0.00	0.010	0					0.05
112.417	0.00	0.00	0.010	0					0.05
112.500	0.00	0.00	0.010	0					0.05
112.583	0.00	0.00	0.010	0					0.05
112.667	0.00	0.00	0.010	0					0.05
112.750	0.00	0.00	0.010	0					0.05

112.833	0.00	0.00	0.010	0				0.05
112.917	0.00	0.00	0.010	0				0.05
113.000	0.00	0.00	0.010	0				0.05
113.083	0.00	0.00	0.010	0				0.05
113.167	0.00	0.00	0.010	0				0.05
113.250	0.00	0.00	0.010	0				0.05
113.333	0.00	0.00	0.010	0				0.05
113.417	0.00	0.00	0.010	0				0.05
113.500	0.00	0.00	0.010	0				0.05
113.583	0.00	0.00	0.010	0				0.05
113.667	0.00	0.00	0.010	0				0.05
113.750	0.00	0.00	0.010	0				0.05
113.833	0.00	0.00	0.010	0				0.05
113.917	0.00	0.00	0.010	0				0.05
114.000	0.00	0.00	0.010	0				0.05
114.083	0.00	0.00	0.010	0				0.05
114.167	0.00	0.00	0.010	0				0.05
114.250	0.00	0.00	0.010	0				0.05
114.333	0.00	0.00	0.010	0				0.05
114.417	0.00	0.00	0.010	0				0.05
114.500	0.00	0.00	0.010	0				0.05
114.583	0.00	0.00	0.009	0				0.05
114.667	0.00	0.00	0.009	0				0.05
114.750	0.00	0.00	0.009	0				0.05
114.833	0.00	0.00	0.009	0				0.05
114.917	0.00	0.00	0.009	0				0.05
115.000	0.00	0.00	0.009	0				0.05
115.083	0.00	0.00	0.009	0				0.05
115.167	0.00	0.00	0.009	0				0.05
115.250	0.00	0.00	0.009	0				0.05
115.333	0.00	0.00	0.009	0				0.05
115.417	0.00	0.00	0.009	0				0.05
115.500	0.00	0.00	0.009	0				0.05
115.583	0.00	0.00	0.009	0				0.05
115.667	0.00	0.00	0.009	0				0.05
115.750	0.00	0.00	0.009	0				0.05
115.833	0.00	0.00	0.009	0				0.05
115.917	0.00	0.00	0.009	0				0.05
116.000	0.00	0.00	0.009	0				0.05
116.083	0.00	0.00	0.009	0				0.05
116.167	0.00	0.00	0.009	0				0.05
116.250	0.00	0.00	0.009	0				0.05
116.333	0.00	0.00	0.009	0				0.05
116.417	0.00	0.00	0.009	0				0.05
116.500	0.00	0.00	0.009	0				0.05
116.583	0.00	0.00	0.009	0				0.05
116.667	0.00	0.00	0.009	0				0.05
116.750	0.00	0.00	0.009	0				0.05
116.833	0.00	0.00	0.009	0				0.05
116.917	0.00	0.00	0.009	0				0.05
117.000	0.00	0.00	0.009	0				0.05
117.083	0.00	0.00	0.009	0				0.05
117.167	0.00	0.00	0.009	0				0.05
117.250	0.00	0.00	0.009	0				0.05
117.333	0.00	0.00	0.009	0				0.05
117.417	0.00	0.00	0.009	0				0.05
117.500	0.00	0.00	0.009	0				0.05
117.583	0.00	0.00	0.009	0				0.05
117.667	0.00	0.00	0.009	0				0.05
117.750	0.00	0.00	0.009	0				0.05
117.833	0.00	0.00	0.009	0				0.05
117.917	0.00	0.00	0.009	0				0.05
118.000	0.00	0.00	0.009	0				0.05
118.083	0.00	0.00	0.009	0				0.05
118.167	0.00	0.00	0.009	0				0.05
118.250	0.00	0.00	0.009	0				0.05
118.333	0.00	0.00	0.009	0				0.05
118.417	0.00	0.00	0.009	0				0.05
118.500	0.00	0.00	0.009	0				0.05
118.583	0.00	0.00	0.009	0				0.05
118.667	0.00	0.00	0.009	0				0.05

118.750	0.00	0.00	0.009	0				0.05
118.833	0.00	0.00	0.009	0				0.05
118.917	0.00	0.00	0.009	0				0.05
119.000	0.00	0.00	0.009	0				0.05
119.083	0.00	0.00	0.009	0				0.05
119.167	0.00	0.00	0.009	0				0.05
119.250	0.00	0.00	0.009	0				0.05
119.333	0.00	0.00	0.009	0				0.05
119.417	0.00	0.00	0.009	0				0.05
119.500	0.00	0.00	0.009	0				0.05
119.583	0.00	0.00	0.009	0				0.05
119.667	0.00	0.00	0.009	0				0.05
119.750	0.00	0.00	0.009	0				0.05
119.833	0.00	0.00	0.009	0				0.05
119.917	0.00	0.00	0.009	0				0.05
120.000	0.00	0.00	0.009	0				0.05
120.083	0.00	0.00	0.009	0				0.05
120.167	0.00	0.00	0.009	0				0.05
120.250	0.00	0.00	0.009	0				0.05
120.333	0.00	0.00	0.009	0				0.05
120.417	0.00	0.00	0.009	0				0.05
120.500	0.00	0.00	0.009	0				0.05
120.583	0.00	0.00	0.009	0				0.05
120.667	0.00	0.00	0.008	0				0.05
120.750	0.00	0.00	0.008	0				0.05
120.833	0.00	0.00	0.008	0				0.05
120.917	0.00	0.00	0.008	0				0.05
121.000	0.00	0.00	0.008	0				0.05
121.083	0.00	0.00	0.008	0				0.05
121.167	0.00	0.00	0.008	0				0.05
121.250	0.00	0.00	0.008	0				0.05
121.333	0.00	0.00	0.008	0				0.05
121.417	0.00	0.00	0.008	0				0.05
121.500	0.00	0.00	0.008	0				0.05
121.583	0.00	0.00	0.008	0				0.05
121.667	0.00	0.00	0.008	0				0.05
121.750	0.00	0.00	0.008	0				0.05
121.833	0.00	0.00	0.008	0				0.05
121.917	0.00	0.00	0.008	0				0.05
122.000	0.00	0.00	0.008	0				0.05
122.083	0.00	0.00	0.008	0				0.05
122.167	0.00	0.00	0.008	0				0.05
122.250	0.00	0.00	0.008	0				0.05
122.333	0.00	0.00	0.008	0				0.05
122.417	0.00	0.00	0.008	0				0.05
122.500	0.00	0.00	0.008	0				0.05
122.583	0.00	0.00	0.008	0				0.05
122.667	0.00	0.00	0.008	0				0.05
122.750	0.00	0.00	0.008	0				0.05
122.833	0.00	0.00	0.008	0				0.05
122.917	0.00	0.00	0.008	0				0.05
123.000	0.00	0.00	0.008	0				0.05
123.083	0.00	0.00	0.008	0				0.05
123.167	0.00	0.00	0.008	0				0.05
123.250	0.00	0.00	0.008	0				0.05
123.333	0.00	0.00	0.008	0				0.04
123.417	0.00	0.00	0.008	0				0.04
123.500	0.00	0.00	0.008	0				0.04
123.583	0.00	0.00	0.008	0				0.04
123.667	0.00	0.00	0.008	0				0.04
123.750	0.00	0.00	0.008	0				0.04
123.833	0.00	0.00	0.008	0				0.04
123.917	0.00	0.00	0.008	0				0.04
124.000	0.00	0.00	0.008	0				0.04
124.083	0.00	0.00	0.008	0				0.04
124.167	0.00	0.00	0.008	0				0.04
124.250	0.00	0.00	0.008	0				0.04
124.333	0.00	0.00	0.008	0				0.04
124.417	0.00	0.00	0.008	0				0.04
124.500	0.00	0.00	0.008	0				0.04
124.583	0.00	0.00	0.008	0				0.04

124.667	0.00	0.00	0.008	0				0.04
124.750	0.00	0.00	0.008	0				0.04
124.833	0.00	0.00	0.008	0				0.04
124.917	0.00	0.00	0.008	0				0.04
125.000	0.00	0.00	0.008	0				0.04
125.083	0.00	0.00	0.008	0				0.04
125.167	0.00	0.00	0.008	0				0.04
125.250	0.00	0.00	0.008	0				0.04
125.333	0.00	0.00	0.008	0				0.04
125.417	0.00	0.00	0.008	0				0.04
125.500	0.00	0.00	0.008	0				0.04
125.583	0.00	0.00	0.008	0				0.04
125.667	0.00	0.00	0.008	0				0.04
125.750	0.00	0.00	0.008	0				0.04
125.833	0.00	0.00	0.008	0				0.04
125.917	0.00	0.00	0.008	0				0.04
126.000	0.00	0.00	0.008	0				0.04
126.083	0.00	0.00	0.008	0				0.04
126.167	0.00	0.00	0.008	0				0.04
126.250	0.00	0.00	0.008	0				0.04
126.333	0.00	0.00	0.008	0				0.04
126.417	0.00	0.00	0.008	0				0.04
126.500	0.00	0.00	0.008	0				0.04
126.583	0.00	0.00	0.008	0				0.04
126.667	0.00	0.00	0.008	0				0.04
126.750	0.00	0.00	0.008	0				0.04
126.833	0.00	0.00	0.008	0				0.04
126.917	0.00	0.00	0.008	0				0.04
127.000	0.00	0.00	0.008	0				0.04
127.083	0.00	0.00	0.008	0				0.04
127.167	0.00	0.00	0.008	0				0.04
127.250	0.00	0.00	0.008	0				0.04
127.333	0.00	0.00	0.008	0				0.04
127.417	0.00	0.00	0.008	0				0.04
127.500	0.00	0.00	0.007	0				0.04
127.583	0.00	0.00	0.007	0				0.04
127.667	0.00	0.00	0.007	0				0.04
127.750	0.00	0.00	0.007	0				0.04
127.833	0.00	0.00	0.007	0				0.04
127.917	0.00	0.00	0.007	0				0.04
128.000	0.00	0.00	0.007	0				0.04
128.083	0.00	0.00	0.007	0				0.04
128.167	0.00	0.00	0.007	0				0.04
128.250	0.00	0.00	0.007	0				0.04
128.333	0.00	0.00	0.007	0				0.04
128.417	0.00	0.00	0.007	0				0.04
128.500	0.00	0.00	0.007	0				0.04
128.583	0.00	0.00	0.007	0				0.04
128.667	0.00	0.00	0.007	0				0.04
128.750	0.00	0.00	0.007	0				0.04
128.833	0.00	0.00	0.007	0				0.04
128.917	0.00	0.00	0.007	0				0.04
129.000	0.00	0.00	0.007	0				0.04
129.083	0.00	0.00	0.007	0				0.04
129.167	0.00	0.00	0.007	0				0.04
129.250	0.00	0.00	0.007	0				0.04
129.333	0.00	0.00	0.007	0				0.04
129.417	0.00	0.00	0.007	0				0.04
129.500	0.00	0.00	0.007	0				0.04
129.583	0.00	0.00	0.007	0				0.04
129.667	0.00	0.00	0.007	0				0.04
129.750	0.00	0.00	0.007	0				0.04
129.833	0.00	0.00	0.007	0				0.04
129.917	0.00	0.00	0.007	0				0.04
130.000	0.00	0.00	0.007	0				0.04
130.083	0.00	0.00	0.007	0				0.04
130.167	0.00	0.00	0.007	0				0.04
130.250	0.00	0.00	0.007	0				0.04
130.333	0.00	0.00	0.007	0				0.04
130.417	0.00	0.00	0.007	0				0.04
130.500	0.00	0.00	0.007	0				0.04

130.583	0.00	0.00	0.007	0				0.04
130.667	0.00	0.00	0.007	0				0.04
130.750	0.00	0.00	0.007	0				0.04
130.833	0.00	0.00	0.007	0				0.04
130.917	0.00	0.00	0.007	0				0.04
131.000	0.00	0.00	0.007	0				0.04
131.083	0.00	0.00	0.007	0				0.04
131.167	0.00	0.00	0.007	0				0.04
131.250	0.00	0.00	0.007	0				0.04
131.333	0.00	0.00	0.007	0				0.04
131.417	0.00	0.00	0.007	0				0.04
131.500	0.00	0.00	0.007	0				0.04
131.583	0.00	0.00	0.007	0				0.04
131.667	0.00	0.00	0.007	0				0.04
131.750	0.00	0.00	0.007	0				0.04
131.833	0.00	0.00	0.007	0				0.04
131.917	0.00	0.00	0.007	0				0.04
132.000	0.00	0.00	0.007	0				0.04
132.083	0.00	0.00	0.007	0				0.04
132.167	0.00	0.00	0.007	0				0.04
132.250	0.00	0.00	0.007	0				0.04
132.333	0.00	0.00	0.007	0				0.04
132.417	0.00	0.00	0.007	0				0.04
132.500	0.00	0.00	0.007	0				0.04
132.583	0.00	0.00	0.007	0				0.04
132.667	0.00	0.00	0.007	0				0.04
132.750	0.00	0.00	0.007	0				0.04
132.833	0.00	0.00	0.007	0				0.04
132.917	0.00	0.00	0.007	0				0.04
133.000	0.00	0.00	0.007	0				0.04
133.083	0.00	0.00	0.007	0				0.04
133.167	0.00	0.00	0.007	0				0.04
133.250	0.00	0.00	0.007	0				0.04
133.333	0.00	0.00	0.007	0				0.04
133.417	0.00	0.00	0.007	0				0.04
133.500	0.00	0.00	0.007	0				0.04
133.583	0.00	0.00	0.007	0				0.04
133.667	0.00	0.00	0.007	0				0.04
133.750	0.00	0.00	0.007	0				0.04
133.833	0.00	0.00	0.007	0				0.04
133.917	0.00	0.00	0.007	0				0.04
134.000	0.00	0.00	0.007	0				0.04
134.083	0.00	0.00	0.007	0				0.04
134.167	0.00	0.00	0.007	0				0.04
134.250	0.00	0.00	0.007	0				0.04
134.333	0.00	0.00	0.007	0				0.04
134.417	0.00	0.00	0.007	0				0.04
134.500	0.00	0.00	0.007	0				0.04
134.583	0.00	0.00	0.007	0				0.04
134.667	0.00	0.00	0.007	0				0.04
134.750	0.00	0.00	0.007	0				0.04
134.833	0.00	0.00	0.007	0				0.04
134.917	0.00	0.00	0.007	0				0.04
135.000	0.00	0.00	0.007	0				0.04
135.083	0.00	0.00	0.007	0				0.04
135.167	0.00	0.00	0.007	0				0.04
135.250	0.00	0.00	0.006	0				0.04
135.333	0.00	0.00	0.006	0				0.04
135.417	0.00	0.00	0.006	0				0.04
135.500	0.00	0.00	0.006	0				0.04
135.583	0.00	0.00	0.006	0				0.04
135.667	0.00	0.00	0.006	0				0.04
135.750	0.00	0.00	0.006	0				0.04
135.833	0.00	0.00	0.006	0				0.04
135.917	0.00	0.00	0.006	0				0.04
136.000	0.00	0.00	0.006	0				0.04
136.083	0.00	0.00	0.006	0				0.04
136.167	0.00	0.00	0.006	0				0.04
136.250	0.00	0.00	0.006	0				0.04
136.333	0.00	0.00	0.006	0				0.04
136.417	0.00	0.00	0.006	0				0.04

142.417	0.00	0.00	0.006	0				0.03
142.500	0.00	0.00	0.006	0				0.03
142.583	0.00	0.00	0.006	0				0.03
142.667	0.00	0.00	0.006	0				0.03
142.750	0.00	0.00	0.006	0				0.03
142.833	0.00	0.00	0.006	0				0.03
142.917	0.00	0.00	0.006	0				0.03
143.000	0.00	0.00	0.006	0				0.03
143.083	0.00	0.00	0.006	0				0.03
143.167	0.00	0.00	0.006	0				0.03
143.250	0.00	0.00	0.006	0				0.03
143.333	0.00	0.00	0.006	0				0.03
143.417	0.00	0.00	0.006	0				0.03
143.500	0.00	0.00	0.006	0				0.03
143.583	0.00	0.00	0.006	0				0.03
143.667	0.00	0.00	0.006	0				0.03
143.750	0.00	0.00	0.006	0				0.03
143.833	0.00	0.00	0.006	0				0.03
143.917	0.00	0.00	0.006	0				0.03
144.000	0.00	0.00	0.006	0				0.03
144.083	0.00	0.00	0.006	0				0.03
144.167	0.00	0.00	0.006	0				0.03
144.250	0.00	0.00	0.006	0				0.03
144.333	0.00	0.00	0.005	0				0.03
144.417	0.00	0.00	0.005	0				0.03
144.500	0.00	0.00	0.005	0				0.03
144.583	0.00	0.00	0.005	0				0.03
144.667	0.00	0.00	0.005	0				0.03
144.750	0.00	0.00	0.005	0				0.03
144.833	0.00	0.00	0.005	0				0.03
144.917	0.00	0.00	0.005	0				0.03
145.000	0.00	0.00	0.005	0				0.03
145.083	0.00	0.00	0.005	0				0.03
145.167	0.00	0.00	0.005	0				0.03
145.250	0.00	0.00	0.005	0				0.03
145.333	0.00	0.00	0.005	0				0.03
145.417	0.00	0.00	0.005	0				0.03
145.500	0.00	0.00	0.005	0				0.03
145.583	0.00	0.00	0.005	0				0.03
145.667	0.00	0.00	0.005	0				0.03
145.750	0.00	0.00	0.005	0				0.03
145.833	0.00	0.00	0.005	0				0.03
145.917	0.00	0.00	0.005	0				0.03
146.000	0.00	0.00	0.005	0				0.03
146.083	0.00	0.00	0.005	0				0.03
146.167	0.00	0.00	0.005	0				0.03
146.250	0.00	0.00	0.005	0				0.03
146.333	0.00	0.00	0.005	0				0.03
146.417	0.00	0.00	0.005	0				0.03
146.500	0.00	0.00	0.005	0				0.03
146.583	0.00	0.00	0.005	0				0.03
146.667	0.00	0.00	0.005	0				0.03
146.750	0.00	0.00	0.005	0				0.03
146.833	0.00	0.00	0.005	0				0.03
146.917	0.00	0.00	0.005	0				0.03
147.000	0.00	0.00	0.005	0				0.03
147.083	0.00	0.00	0.005	0				0.03
147.167	0.00	0.00	0.005	0				0.03
147.250	0.00	0.00	0.005	0				0.03
147.333	0.00	0.00	0.005	0				0.03
147.417	0.00	0.00	0.005	0				0.03
147.500	0.00	0.00	0.005	0				0.03
147.583	0.00	0.00	0.005	0				0.03
147.667	0.00	0.00	0.005	0				0.03
147.750	0.00	0.00	0.005	0				0.03
147.833	0.00	0.00	0.005	0				0.03
147.917	0.00	0.00	0.005	0				0.03
148.000	0.00	0.00	0.005	0				0.03
148.083	0.00	0.00	0.005	0				0.03
148.167	0.00	0.00	0.005	0				0.03
148.250	0.00	0.00	0.005	0				0.03

148.333	0.00	0.00	0.005	0				0.03
148.417	0.00	0.00	0.005	0				0.03
148.500	0.00	0.00	0.005	0				0.03
148.583	0.00	0.00	0.005	0				0.03
148.667	0.00	0.00	0.005	0				0.03
148.750	0.00	0.00	0.005	0				0.03
148.833	0.00	0.00	0.005	0				0.03
148.917	0.00	0.00	0.005	0				0.03
149.000	0.00	0.00	0.005	0				0.03
149.083	0.00	0.00	0.005	0				0.03
149.167	0.00	0.00	0.005	0				0.03
149.250	0.00	0.00	0.005	0				0.03
149.333	0.00	0.00	0.005	0				0.03
149.417	0.00	0.00	0.005	0				0.03
149.500	0.00	0.00	0.005	0				0.03
149.583	0.00	0.00	0.005	0				0.03
149.667	0.00	0.00	0.005	0				0.03
149.750	0.00	0.00	0.005	0				0.03
149.833	0.00	0.00	0.005	0				0.03
149.917	0.00	0.00	0.005	0				0.03
150.000	0.00	0.00	0.005	0				0.03
150.083	0.00	0.00	0.005	0				0.03
150.167	0.00	0.00	0.005	0				0.03
150.250	0.00	0.00	0.005	0				0.03
150.333	0.00	0.00	0.005	0				0.03
150.417	0.00	0.00	0.005	0				0.03
150.500	0.00	0.00	0.005	0				0.03
150.583	0.00	0.00	0.005	0				0.03
150.667	0.00	0.00	0.005	0				0.03
150.750	0.00	0.00	0.005	0				0.03
150.833	0.00	0.00	0.005	0				0.03
150.917	0.00	0.00	0.005	0				0.03
151.000	0.00	0.00	0.005	0				0.03
151.083	0.00	0.00	0.005	0				0.03
151.167	0.00	0.00	0.005	0				0.03
151.250	0.00	0.00	0.005	0				0.03
151.333	0.00	0.00	0.005	0				0.03
151.417	0.00	0.00	0.005	0				0.03
151.500	0.00	0.00	0.005	0				0.03
151.583	0.00	0.00	0.005	0				0.03
151.667	0.00	0.00	0.005	0				0.03
151.750	0.00	0.00	0.005	0				0.03
151.833	0.00	0.00	0.005	0				0.03
151.917	0.00	0.00	0.005	0				0.03
152.000	0.00	0.00	0.005	0				0.03
152.083	0.00	0.00	0.005	0				0.03
152.167	0.00	0.00	0.005	0				0.03
152.250	0.00	0.00	0.005	0				0.03
152.333	0.00	0.00	0.005	0				0.03
152.417	0.00	0.00	0.005	0				0.03
152.500	0.00	0.00	0.005	0				0.03
152.583	0.00	0.00	0.005	0				0.03
152.667	0.00	0.00	0.005	0				0.03
152.750	0.00	0.00	0.005	0				0.03
152.833	0.00	0.00	0.005	0				0.03
152.917	0.00	0.00	0.005	0				0.03
153.000	0.00	0.00	0.005	0				0.03
153.083	0.00	0.00	0.005	0				0.03
153.167	0.00	0.00	0.005	0				0.03
153.250	0.00	0.00	0.005	0				0.03
153.333	0.00	0.00	0.005	0				0.03
153.417	0.00	0.00	0.005	0				0.03
153.500	0.00	0.00	0.005	0				0.03
153.583	0.00	0.00	0.005	0				0.03
153.667	0.00	0.00	0.005	0				0.03
153.750	0.00	0.00	0.005	0				0.03
153.833	0.00	0.00	0.005	0				0.03
153.917	0.00	0.00	0.005	0				0.03
154.000	0.00	0.00	0.005	0				0.03
154.083	0.00	0.00	0.005	0				0.03
154.167	0.00	0.00	0.005	0				0.03

154.250	0.00	0.00	0.005	0					0.03
154.333	0.00	0.00	0.005	0					0.03
154.417	0.00	0.00	0.005	0					0.03
154.500	0.00	0.00	0.005	0					0.03
154.583	0.00	0.00	0.005	0					0.03
154.667	0.00	0.00	0.005	0					0.03
154.750	0.00	0.00	0.005	0					0.03
154.833	0.00	0.00	0.005	0					0.03
154.917	0.00	0.00	0.005	0					0.03
155.000	0.00	0.00	0.005	0					0.03
155.083	0.00	0.00	0.005	0					0.03
155.167	0.00	0.00	0.005	0					0.03
155.250	0.00	0.00	0.005	0					0.03
155.333	0.00	0.00	0.004	0					0.02

*****HYDROGRAPH DATA*****

Number of intervals = 1864
 Time interval = 5.0 (Min.)
 Maximum/Peak flow rate = 0.015 (CFS)
 Total volume = 0.070 (Ac.Ft)
 Status of hydrographs being held in storage
 Stream 1 Stream 2 Stream 3 Stream 4 Stream 5
 Peak (CFS) 0.000 0.000 0.000 0.000 0.000
 Vol (Ac.Ft) 0.000 0.000 0.000 0.000 0.000

MENIFEE STAXUP STORAGE EXTENSION
 PRELIMINARY DRAINAGE STUDY
 BASIN A ROUTING MODEL
 2-YEAR; 24-HOUR

Program License Serial Number 6545

***** HYDROGRAPH INFORMATION *****

From study/file name: D1242.rte
 *****HYDROGRAPH DATA*****
 Number of intervals = 289
 Time interval = 5.0 (Min.)
 Maximum/Peak flow rate = 0.123 (CFS)
 Total volume = 0.075 (Ac.Ft)
 Status of hydrographs being held in storage
 Stream 1 Stream 2 Stream 3 Stream 4 Stream 5
 Peak (CFS) 0.000 0.000 0.000 0.000 0.000
 Vol (Ac.Ft) 0.000 0.000 0.000 0.000 0.000

+++++
 Process from Point/Station 1.000 to Point/Station 2.000
 **** RETARDING BASIN ROUTING ****

User entry of depth-outflow-storage data

Total number of inflow hydrograph intervals = 289
 Hydrograph time unit = 5.000 (Min.)
 Initial depth in storage basin = 0.16(Ft.)

Initial basin depth = 0.16 (Ft.)
 Initial basin storage = 0.03 (Ac.Ft)
 Initial basin outflow = 0.01 (CFS)

Depth vs. Storage and Depth vs. Discharge data:

Basin Depth (Ft.)	Storage (Ac.Ft)	Outflow (CFS)	(S-O*dt/2) (Ac.Ft)	(S+O*dt/2) (Ac.Ft)
0.000	0.000	0.000	0.000	0.000
0.500	0.090	0.020	0.090	0.090
1.000	0.139	7.420	0.113	0.165

Hydrograph Detention Basin Routing

Graph values: 'I'= unit inflow; 'O'=outflow at time shown

Time (Hours)	Inflow (CFS)	Outflow (CFS)	Storage (Ac.Ft)	Depth (Ft.)
0.083	0.01	0.01	0.029	0.16
0.167	0.01	0.01	0.029	0.16
0.250	0.01	0.01	0.029	0.16
0.333	0.01	0.01	0.029	0.16

0.417	0.01	0.01	0.029	OI					0.16
0.500	0.01	0.01	0.029	OI					0.16
0.583	0.01	0.01	0.029	OI					0.16
0.667	0.01	0.01	0.029	OI					0.16
0.750	0.01	0.01	0.029	OI					0.16
0.833	0.01	0.01	0.029	O I					0.16
0.917	0.01	0.01	0.029	O I					0.16
1.000	0.01	0.01	0.029	O I					0.16
1.083	0.01	0.01	0.029	O I					0.16
1.167	0.01	0.01	0.029	OI					0.16
1.250	0.01	0.01	0.029	OI					0.16
1.333	0.01	0.01	0.029	OI					0.16
1.417	0.01	0.01	0.029	OI					0.16
1.500	0.01	0.01	0.029	OI					0.16
1.583	0.01	0.01	0.029	OI					0.16
1.667	0.01	0.01	0.029	OI					0.16
1.750	0.01	0.01	0.029	OI					0.16
1.833	0.01	0.01	0.029	O I					0.16
1.917	0.01	0.01	0.029	O I					0.16
2.000	0.01	0.01	0.030	O I					0.16
2.083	0.01	0.01	0.030	O I					0.16
2.167	0.01	0.01	0.030	O I					0.16
2.250	0.01	0.01	0.030	O I					0.16
2.333	0.01	0.01	0.030	O I					0.17
2.417	0.01	0.01	0.030	O I					0.17
2.500	0.01	0.01	0.030	O I					0.17
2.583	0.02	0.01	0.030	O I					0.17
2.667	0.02	0.01	0.030	O I					0.17
2.750	0.02	0.01	0.030	O I					0.17
2.833	0.02	0.01	0.030	O I					0.17
2.917	0.02	0.01	0.030	O I					0.17
3.000	0.02	0.01	0.030	O I					0.17
3.083	0.02	0.01	0.030	O I					0.17
3.167	0.02	0.01	0.030	O I					0.17
3.250	0.02	0.01	0.031	O I					0.17
3.333	0.02	0.01	0.031	O I					0.17
3.417	0.02	0.01	0.031	O I					0.17
3.500	0.02	0.01	0.031	O I					0.17
3.583	0.02	0.01	0.031	O I					0.17
3.667	0.02	0.01	0.031	O I					0.17
3.750	0.02	0.01	0.031	O I					0.17
3.833	0.02	0.01	0.031	O I					0.17
3.917	0.02	0.01	0.031	O I					0.17
4.000	0.02	0.01	0.031	O I					0.17
4.083	0.02	0.01	0.031	O I					0.17
4.167	0.02	0.01	0.031	O I					0.17
4.250	0.02	0.01	0.032	O I					0.18
4.333	0.02	0.01	0.032	O I					0.18
4.417	0.03	0.01	0.032	O I					0.18
4.500	0.03	0.01	0.032	O I					0.18
4.583	0.03	0.01	0.032	O I					0.18
4.667	0.03	0.01	0.032	O I					0.18
4.750	0.03	0.01	0.032	O I					0.18
4.833	0.03	0.01	0.032	O I					0.18
4.917	0.03	0.01	0.033	O I					0.18
5.000	0.03	0.01	0.033	O I					0.18
5.083	0.02	0.01	0.033	O I					0.18
5.167	0.02	0.01	0.033	O I					0.18
5.250	0.02	0.01	0.033	O I					0.18
5.333	0.02	0.01	0.033	O I					0.18
5.417	0.03	0.01	0.033	O I					0.19
5.500	0.03	0.01	0.033	O I					0.19
5.583	0.03	0.01	0.034	O I					0.19
5.667	0.03	0.01	0.034	O I					0.19
5.750	0.03	0.01	0.034	O I					0.19
5.833	0.03	0.01	0.034	O I					0.19
5.917	0.03	0.01	0.034	O I					0.19
6.000	0.03	0.01	0.034	O I					0.19
6.083	0.03	0.01	0.034	O I					0.19
6.167	0.03	0.01	0.035	O I					0.19
6.250	0.03	0.01	0.035	O I					0.19

6.333	0.03	0.01	0.035	0	I					0.19
6.417	0.03	0.01	0.035	0	I					0.20
6.500	0.03	0.01	0.035	0	I					0.20
6.583	0.04	0.01	0.035	0	I					0.20
6.667	0.04	0.01	0.036	0	I					0.20
6.750	0.04	0.01	0.036	0	I					0.20
6.833	0.04	0.01	0.036	0	I					0.20
6.917	0.04	0.01	0.036	0	I					0.20
7.000	0.04	0.01	0.036	0	I					0.20
7.083	0.04	0.01	0.037	0	I					0.20
7.167	0.04	0.01	0.037	0	I					0.20
7.250	0.04	0.01	0.037	0	I					0.21
7.333	0.04	0.01	0.037	0	I					0.21
7.417	0.04	0.01	0.037	0	I					0.21
7.500	0.04	0.01	0.038	0	I					0.21
7.583	0.04	0.01	0.038	0	I					0.21
7.667	0.04	0.01	0.038	0	I					0.21
7.750	0.04	0.01	0.038	0	I					0.21
7.833	0.05	0.01	0.039	0	I					0.21
7.917	0.05	0.01	0.039	0	I					0.22
8.000	0.05	0.01	0.039	0	I					0.22
8.083	0.05	0.01	0.039	0	I					0.22
8.167	0.05	0.01	0.040	0	I					0.22
8.250	0.05	0.01	0.040	0	I					0.22
8.333	0.05	0.01	0.040	0	I					0.22
8.417	0.05	0.01	0.041	0	I					0.23
8.500	0.05	0.01	0.041	0	I					0.23
8.583	0.06	0.01	0.041	0	I					0.23
8.667	0.06	0.01	0.042	0	I					0.23
8.750	0.06	0.01	0.042	0	I					0.23
8.833	0.06	0.01	0.042	0	I					0.24
8.917	0.06	0.01	0.043	0	I					0.24
9.000	0.06	0.01	0.043	0	I					0.24
9.083	0.07	0.01	0.043	0	I					0.24
9.167	0.07	0.01	0.044	0	I					0.24
9.250	0.07	0.01	0.044	0	I					0.25
9.333	0.07	0.01	0.045	0	I					0.25
9.417	0.07	0.01	0.045	0	I					0.25
9.500	0.07	0.01	0.045	0	I					0.25
9.583	0.07	0.01	0.046	0	I					0.26
9.667	0.08	0.01	0.046	0	I					0.26
9.750	0.08	0.01	0.047	0	I					0.26
9.833	0.08	0.01	0.047	0	I					0.26
9.917	0.08	0.01	0.048	0	I					0.27
10.000	0.08	0.01	0.048	0	I					0.27
10.083	0.06	0.01	0.049	0	I					0.27
10.167	0.05	0.01	0.049	0	I					0.27
10.250	0.05	0.01	0.049	0	I					0.27
10.333	0.05	0.01	0.050	0	I					0.28
10.417	0.05	0.01	0.050	0	I					0.28
10.500	0.05	0.01	0.050	0	I					0.28
10.583	0.07	0.01	0.051	0	I					0.28
10.667	0.07	0.01	0.051	0	I					0.28
10.750	0.07	0.01	0.051	0	I					0.29
10.833	0.07	0.01	0.052	0	I					0.29
10.917	0.07	0.01	0.052	0	I					0.29
11.000	0.07	0.01	0.053	0	I					0.29
11.083	0.07	0.01	0.053	0	I					0.29
11.167	0.07	0.01	0.053	0	I					0.30
11.250	0.07	0.01	0.054	0	I					0.30
11.333	0.07	0.01	0.054	0	I					0.30
11.417	0.07	0.01	0.055	0	I					0.30
11.500	0.07	0.01	0.055	0	I					0.31
11.583	0.06	0.01	0.055	0	I					0.31
11.667	0.06	0.01	0.056	0	I					0.31
11.750	0.06	0.01	0.056	0	I					0.31
11.833	0.06	0.01	0.056	0	I					0.31
11.917	0.07	0.01	0.057	0	I					0.32
12.000	0.07	0.01	0.057	0	I					0.32
12.083	0.08	0.01	0.058	0	I					0.32
12.167	0.09	0.01	0.058	0	I					0.32

12.250	0.09	0.01	0.059	0			I		0.33
12.333	0.09	0.01	0.059	0			I		0.33
12.417	0.09	0.01	0.060	0			I		0.33
12.500	0.09	0.01	0.060	0			I		0.33
12.583	0.10	0.01	0.061	0			I		0.34
12.667	0.10	0.01	0.061	0			I		0.34
12.750	0.10	0.01	0.062	0			I		0.34
12.833	0.10	0.01	0.063	0			I		0.35
12.917	0.11	0.01	0.063	0			I		0.35
13.000	0.11	0.01	0.064	0			I		0.35
13.083	0.12	0.01	0.065	0				I	0.36
13.167	0.12	0.01	0.065	0				I	0.36
13.250	0.12	0.01	0.066	0				I	0.37
13.333	0.12	0.01	0.067	0				I	0.37
13.417	0.12	0.01	0.067	0				I	0.37
13.500	0.12	0.02	0.068	0				I	0.38
13.583	0.10	0.02	0.069	0			I		0.38
13.667	0.08	0.02	0.069	0			I		0.39
13.750	0.08	0.02	0.070	0			I		0.39
13.833	0.08	0.02	0.070	0			I		0.39
13.917	0.08	0.02	0.071	0			I		0.39
14.000	0.08	0.02	0.071	0			I		0.40
14.083	0.09	0.02	0.072	0			I		0.40
14.167	0.10	0.02	0.072	0			I		0.40
14.250	0.10	0.02	0.073	0			I		0.40
14.333	0.10	0.02	0.073	0			I		0.41
14.417	0.09	0.02	0.074	0			I		0.41
14.500	0.09	0.02	0.074	0			I		0.41
14.583	0.09	0.02	0.075	0			I		0.42
14.667	0.09	0.02	0.076	0			I		0.42
14.750	0.09	0.02	0.076	0			I		0.42
14.833	0.09	0.02	0.077	0			I		0.43
14.917	0.09	0.02	0.077	0			I		0.43
15.000	0.09	0.02	0.078	0			I		0.43
15.083	0.09	0.02	0.078	0			I		0.43
15.167	0.09	0.02	0.079	0			I		0.44
15.250	0.09	0.02	0.079	0			I		0.44
15.333	0.08	0.02	0.080	0			I		0.44
15.417	0.08	0.02	0.080	0			I		0.44
15.500	0.08	0.02	0.080	0			I		0.45
15.583	0.07	0.02	0.081	0			I		0.45
15.667	0.07	0.02	0.081	0			I		0.45
15.750	0.07	0.02	0.082	0			I		0.45
15.833	0.07	0.02	0.082	0			I		0.46
15.917	0.07	0.02	0.082	0			I		0.46
16.000	0.07	0.02	0.083	0			I		0.46
16.083	0.03	0.02	0.083	0	I				0.46
16.167	0.01	0.02	0.083	IO					0.46
16.250	0.01	0.02	0.083	IO					0.46
16.333	0.01	0.02	0.083	IO					0.46
16.417	0.01	0.02	0.083	IO					0.46
16.500	0.01	0.02	0.083	IO					0.46
16.583	0.01	0.02	0.083	IO					0.46
16.667	0.01	0.02	0.083	IO					0.46
16.750	0.01	0.02	0.083	IO					0.46
16.833	0.01	0.02	0.083	IO					0.46
16.917	0.01	0.02	0.083	IO					0.46
17.000	0.01	0.02	0.082	IO					0.46
17.083	0.02	0.02	0.082	0					0.46
17.167	0.02	0.02	0.082	0					0.46
17.250	0.02	0.02	0.082	0					0.46
17.333	0.02	0.02	0.082	0					0.46
17.417	0.02	0.02	0.082	0					0.46
17.500	0.02	0.02	0.082	0					0.46
17.583	0.02	0.02	0.082	0					0.46
17.667	0.02	0.02	0.082	0					0.46
17.750	0.02	0.02	0.082	0					0.46
17.833	0.02	0.02	0.082	0					0.46
17.917	0.01	0.02	0.082	IO					0.46
18.000	0.01	0.02	0.082	IO					0.46
18.083	0.01	0.02	0.082	IO					0.46

18.167	0.01	0.02	0.082	IO				0.46
18.250	0.01	0.02	0.082	IO				0.46
18.333	0.01	0.02	0.082	IO				0.46
18.417	0.01	0.02	0.082	IO				0.46
18.500	0.01	0.02	0.082	IO				0.46
18.583	0.01	0.02	0.082	IO				0.46
18.667	0.01	0.02	0.082	IO				0.46
18.750	0.01	0.02	0.082	IO				0.46
18.833	0.01	0.02	0.082	IO				0.46
18.917	0.01	0.02	0.082	IO				0.46
19.000	0.01	0.02	0.082	IO				0.45
19.083	0.01	0.02	0.082	IO				0.45
19.167	0.01	0.02	0.082	IO				0.45
19.250	0.01	0.02	0.082	IO				0.45
19.333	0.01	0.02	0.082	IO				0.45
19.417	0.01	0.02	0.082	IO				0.45
19.500	0.01	0.02	0.082	IO				0.45
19.583	0.01	0.02	0.082	IO				0.45
19.667	0.01	0.02	0.082	IO				0.45
19.750	0.01	0.02	0.081	IO				0.45
19.833	0.01	0.02	0.081	IO				0.45
19.917	0.01	0.02	0.081	IO				0.45
20.000	0.01	0.02	0.081	IO				0.45
20.083	0.01	0.02	0.081	IO				0.45
20.167	0.01	0.02	0.081	IO				0.45
20.250	0.01	0.02	0.081	IO				0.45
20.333	0.01	0.02	0.081	IO				0.45
20.417	0.01	0.02	0.081	IO				0.45
20.500	0.01	0.02	0.081	IO				0.45
20.583	0.01	0.02	0.081	IO				0.45
20.667	0.01	0.02	0.081	IO				0.45
20.750	0.01	0.02	0.081	IO				0.45
20.833	0.01	0.02	0.081	IO				0.45
20.917	0.01	0.02	0.081	IO				0.45
21.000	0.01	0.02	0.081	IO				0.45
21.083	0.01	0.02	0.081	IO				0.45
21.167	0.01	0.02	0.080	IO				0.45
21.250	0.01	0.02	0.080	IO				0.45
21.333	0.01	0.02	0.080	IO				0.45
21.417	0.01	0.02	0.080	IO				0.45
21.500	0.01	0.02	0.080	IO				0.45
21.583	0.01	0.02	0.080	IO				0.45
21.667	0.01	0.02	0.080	IO				0.45
21.750	0.01	0.02	0.080	IO				0.44
21.833	0.01	0.02	0.080	IO				0.44
21.917	0.01	0.02	0.080	IO				0.44
22.000	0.01	0.02	0.080	IO				0.44
22.083	0.01	0.02	0.080	IO				0.44
22.167	0.01	0.02	0.080	IO				0.44
22.250	0.01	0.02	0.080	IO				0.44
22.333	0.01	0.02	0.080	IO				0.44
22.417	0.01	0.02	0.080	IO				0.44
22.500	0.01	0.02	0.080	IO				0.44
22.583	0.01	0.02	0.079	IO				0.44
22.667	0.01	0.02	0.079	IO				0.44
22.750	0.01	0.02	0.079	IO				0.44
22.833	0.01	0.02	0.079	IO				0.44
22.917	0.01	0.02	0.079	IO				0.44
23.000	0.01	0.02	0.079	IO				0.44
23.083	0.01	0.02	0.079	IO				0.44
23.167	0.01	0.02	0.079	IO				0.44
23.250	0.01	0.02	0.079	IO				0.44
23.333	0.01	0.02	0.079	IO				0.44
23.417	0.01	0.02	0.079	IO				0.44
23.500	0.01	0.02	0.079	IO				0.44
23.583	0.01	0.02	0.079	IO				0.44
23.667	0.01	0.02	0.079	IO				0.44
23.750	0.01	0.02	0.078	IO				0.44
23.833	0.01	0.02	0.078	IO				0.44
23.917	0.01	0.02	0.078	IO				0.44
24.000	0.01	0.02	0.078	IO				0.43

24.083	0.00	0.02	0.078	I	0					0.43
24.167	0.00	0.02	0.078	I	0					0.43
24.250	0.00	0.02	0.078	I	0					0.43
24.333	0.00	0.02	0.078	I	0					0.43
24.417	0.00	0.02	0.078	I	0					0.43
24.500	0.00	0.02	0.078	I	0					0.43
24.583	0.00	0.02	0.077	I	0					0.43
24.667	0.00	0.02	0.077	I	0					0.43
24.750	0.00	0.02	0.077	I	0					0.43
24.833	0.00	0.02	0.077	I	0					0.43
24.917	0.00	0.02	0.077	I	0					0.43
25.000	0.00	0.02	0.077	I	0					0.43
25.083	0.00	0.02	0.077	I	0					0.43
25.167	0.00	0.02	0.077	I	0					0.43
25.250	0.00	0.02	0.077	I	0					0.43
25.333	0.00	0.02	0.076	I	0					0.42
25.417	0.00	0.02	0.076	I	0					0.42
25.500	0.00	0.02	0.076	I	0					0.42
25.583	0.00	0.02	0.076	I	0					0.42
25.667	0.00	0.02	0.076	I	0					0.42
25.750	0.00	0.02	0.076	I	0					0.42
25.833	0.00	0.02	0.076	I	0					0.42
25.917	0.00	0.02	0.076	I	0					0.42
26.000	0.00	0.02	0.075	I	0					0.42
26.083	0.00	0.02	0.075	I	0					0.42
26.167	0.00	0.02	0.075	I	0					0.42
26.250	0.00	0.02	0.075	I	0					0.42
26.333	0.00	0.02	0.075	I	0					0.42
26.417	0.00	0.02	0.075	I	0					0.42
26.500	0.00	0.02	0.075	I	0					0.42
26.583	0.00	0.02	0.075	I	0					0.41
26.667	0.00	0.02	0.075	I	0					0.41
26.750	0.00	0.02	0.074	I	0					0.41
26.833	0.00	0.02	0.074	I	0					0.41
26.917	0.00	0.02	0.074	I	0					0.41
27.000	0.00	0.02	0.074	I	0					0.41
27.083	0.00	0.02	0.074	I	0					0.41
27.167	0.00	0.02	0.074	I	0					0.41
27.250	0.00	0.02	0.074	I	0					0.41
27.333	0.00	0.02	0.074	I	0					0.41
27.417	0.00	0.02	0.074	I	0					0.41
27.500	0.00	0.02	0.073	I	0					0.41
27.583	0.00	0.02	0.073	I	0					0.41
27.667	0.00	0.02	0.073	I	0					0.41
27.750	0.00	0.02	0.073	I	0					0.41
27.833	0.00	0.02	0.073	I	0					0.41
27.917	0.00	0.02	0.073	I	0					0.40
28.000	0.00	0.02	0.073	I	0					0.40
28.083	0.00	0.02	0.073	I	0					0.40
28.167	0.00	0.02	0.073	I	0					0.40
28.250	0.00	0.02	0.072	I	0					0.40
28.333	0.00	0.02	0.072	I	0					0.40
28.417	0.00	0.02	0.072	I	0					0.40
28.500	0.00	0.02	0.072	I	0					0.40
28.583	0.00	0.02	0.072	I	0					0.40
28.667	0.00	0.02	0.072	I	0					0.40
28.750	0.00	0.02	0.072	I	0					0.40
28.833	0.00	0.02	0.072	I	0					0.40
28.917	0.00	0.02	0.072	I	0					0.40
29.000	0.00	0.02	0.071	I	0					0.40
29.083	0.00	0.02	0.071	I	0					0.40
29.167	0.00	0.02	0.071	I	0					0.40
29.250	0.00	0.02	0.071	I	0					0.39
29.333	0.00	0.02	0.071	I	0					0.39
29.417	0.00	0.02	0.071	I	0					0.39
29.500	0.00	0.02	0.071	I	0					0.39
29.583	0.00	0.02	0.071	I	0					0.39
29.667	0.00	0.02	0.071	I	0					0.39
29.750	0.00	0.02	0.070	I	0					0.39
29.833	0.00	0.02	0.070	I	0					0.39
29.917	0.00	0.02	0.070	I	0					0.39

30.000	0.00	0.02	0.070	I	0					0.39
30.083	0.00	0.02	0.070	I	0					0.39
30.167	0.00	0.02	0.070	I	0					0.39
30.250	0.00	0.02	0.070	I	0					0.39
30.333	0.00	0.02	0.070	I	0					0.39
30.417	0.00	0.02	0.070	I	0					0.39
30.500	0.00	0.02	0.069	I	0					0.39
30.583	0.00	0.02	0.069	I	0					0.39
30.667	0.00	0.02	0.069	I	0					0.38
30.750	0.00	0.02	0.069	I	0					0.38
30.833	0.00	0.02	0.069	I	0					0.38
30.917	0.00	0.02	0.069	I	0					0.38
31.000	0.00	0.02	0.069	I	0					0.38
31.083	0.00	0.02	0.069	I	0					0.38
31.167	0.00	0.02	0.069	I	0					0.38
31.250	0.00	0.02	0.069	I	0					0.38
31.333	0.00	0.02	0.068	I	0					0.38
31.417	0.00	0.02	0.068	I	0					0.38
31.500	0.00	0.02	0.068	I	0					0.38
31.583	0.00	0.02	0.068	I	0					0.38
31.667	0.00	0.02	0.068	I	0					0.38
31.750	0.00	0.02	0.068	I	0					0.38
31.833	0.00	0.02	0.068	I	0					0.38
31.917	0.00	0.02	0.068	I	0					0.38
32.000	0.00	0.02	0.068	I	0					0.38
32.083	0.00	0.01	0.067	I	0					0.37
32.167	0.00	0.01	0.067	I	0					0.37
32.250	0.00	0.01	0.067	I	0					0.37
32.333	0.00	0.01	0.067	I	0					0.37
32.417	0.00	0.01	0.067	I	0					0.37
32.500	0.00	0.01	0.067	I	0					0.37
32.583	0.00	0.01	0.067	I	0					0.37
32.667	0.00	0.01	0.067	I	0					0.37
32.750	0.00	0.01	0.067	I	0					0.37
32.833	0.00	0.01	0.067	I	0					0.37
32.917	0.00	0.01	0.066	I	0					0.37
33.000	0.00	0.01	0.066	I	0					0.37
33.083	0.00	0.01	0.066	I	0					0.37
33.167	0.00	0.01	0.066	I	0					0.37
33.250	0.00	0.01	0.066	I	0					0.37
33.333	0.00	0.01	0.066	I	0					0.37
33.417	0.00	0.01	0.066	I	0					0.37
33.500	0.00	0.01	0.066	I	0					0.37
33.583	0.00	0.01	0.066	I	0					0.36
33.667	0.00	0.01	0.066	I	0					0.36
33.750	0.00	0.01	0.065	I	0					0.36
33.833	0.00	0.01	0.065	I	0					0.36
33.917	0.00	0.01	0.065	I	0					0.36
34.000	0.00	0.01	0.065	I	0					0.36
34.083	0.00	0.01	0.065	I	0					0.36
34.167	0.00	0.01	0.065	I	0					0.36
34.250	0.00	0.01	0.065	I	0					0.36
34.333	0.00	0.01	0.065	I	0					0.36
34.417	0.00	0.01	0.065	I	0					0.36
34.500	0.00	0.01	0.065	I	0					0.36
34.583	0.00	0.01	0.064	I	0					0.36
34.667	0.00	0.01	0.064	I	0					0.36
34.750	0.00	0.01	0.064	I	0					0.36
34.833	0.00	0.01	0.064	I	0					0.36
34.917	0.00	0.01	0.064	I	0					0.36
35.000	0.00	0.01	0.064	I	0					0.36
35.083	0.00	0.01	0.064	I	0					0.35
35.167	0.00	0.01	0.064	I	0					0.35
35.250	0.00	0.01	0.064	I	0					0.35
35.333	0.00	0.01	0.064	I	0					0.35
35.417	0.00	0.01	0.063	I	0					0.35
35.500	0.00	0.01	0.063	I	0					0.35
35.583	0.00	0.01	0.063	I	0					0.35
35.667	0.00	0.01	0.063	I	0					0.35
35.750	0.00	0.01	0.063	I	0					0.35
35.833	0.00	0.01	0.063	I	0					0.35

35.917	0.00	0.01	0.063	I	0	0.35
36.000	0.00	0.01	0.063	I	0	0.35
36.083	0.00	0.01	0.063	I	0	0.35
36.167	0.00	0.01	0.063	I	0	0.35
36.250	0.00	0.01	0.063	I	0	0.35
36.333	0.00	0.01	0.062	I	0	0.35
36.417	0.00	0.01	0.062	I	0	0.35
36.500	0.00	0.01	0.062	I	0	0.35
36.583	0.00	0.01	0.062	I	0	0.35
36.667	0.00	0.01	0.062	I	0	0.34
36.750	0.00	0.01	0.062	I	0	0.34
36.833	0.00	0.01	0.062	I	0	0.34
36.917	0.00	0.01	0.062	I	0	0.34
37.000	0.00	0.01	0.062	I	0	0.34
37.083	0.00	0.01	0.062	I	0	0.34
37.167	0.00	0.01	0.061	I	0	0.34
37.250	0.00	0.01	0.061	I	0	0.34
37.333	0.00	0.01	0.061	I	0	0.34
37.417	0.00	0.01	0.061	I	0	0.34
37.500	0.00	0.01	0.061	I	0	0.34
37.583	0.00	0.01	0.061	I	0	0.34
37.667	0.00	0.01	0.061	I	0	0.34
37.750	0.00	0.01	0.061	I	0	0.34
37.833	0.00	0.01	0.061	I	0	0.34
37.917	0.00	0.01	0.061	I	0	0.34
38.000	0.00	0.01	0.061	I	0	0.34
38.083	0.00	0.01	0.060	I	0	0.34
38.167	0.00	0.01	0.060	I	0	0.34
38.250	0.00	0.01	0.060	I	0	0.33
38.333	0.00	0.01	0.060	I	0	0.33
38.417	0.00	0.01	0.060	I	0	0.33
38.500	0.00	0.01	0.060	I	0	0.33
38.583	0.00	0.01	0.060	I	0	0.33
38.667	0.00	0.01	0.060	I	0	0.33
38.750	0.00	0.01	0.060	I	0	0.33
38.833	0.00	0.01	0.060	I	0	0.33
38.917	0.00	0.01	0.060	I	0	0.33
39.000	0.00	0.01	0.059	I	0	0.33
39.083	0.00	0.01	0.059	I	0	0.33
39.167	0.00	0.01	0.059	I	0	0.33
39.250	0.00	0.01	0.059	I	0	0.33
39.333	0.00	0.01	0.059	I	0	0.33
39.417	0.00	0.01	0.059	I	0	0.33
39.500	0.00	0.01	0.059	I	0	0.33
39.583	0.00	0.01	0.059	I	0	0.33
39.667	0.00	0.01	0.059	I	0	0.33
39.750	0.00	0.01	0.059	I	0	0.33
39.833	0.00	0.01	0.059	I	0	0.33
39.917	0.00	0.01	0.058	I	0	0.32
40.000	0.00	0.01	0.058	I	0	0.32
40.083	0.00	0.01	0.058	I	0	0.32
40.167	0.00	0.01	0.058	I	0	0.32
40.250	0.00	0.01	0.058	I	0	0.32
40.333	0.00	0.01	0.058	I	0	0.32
40.417	0.00	0.01	0.058	I	0	0.32
40.500	0.00	0.01	0.058	I	0	0.32
40.583	0.00	0.01	0.058	I	0	0.32
40.667	0.00	0.01	0.058	I	0	0.32
40.750	0.00	0.01	0.058	I	0	0.32
40.833	0.00	0.01	0.057	I	0	0.32
40.917	0.00	0.01	0.057	I	0	0.32
41.000	0.00	0.01	0.057	I	0	0.32
41.083	0.00	0.01	0.057	I	0	0.32
41.167	0.00	0.01	0.057	I	0	0.32
41.250	0.00	0.01	0.057	I	0	0.32
41.333	0.00	0.01	0.057	I	0	0.32
41.417	0.00	0.01	0.057	I	0	0.32
41.500	0.00	0.01	0.057	I	0	0.32
41.583	0.00	0.01	0.057	I	0	0.31
41.667	0.00	0.01	0.057	I	0	0.31
41.750	0.00	0.01	0.057	I	0	0.31

41.833	0.00	0.01	0.056	I	0	0.31
41.917	0.00	0.01	0.056	I	0	0.31
42.000	0.00	0.01	0.056	I	0	0.31
42.083	0.00	0.01	0.056	I	0	0.31
42.167	0.00	0.01	0.056	I	0	0.31
42.250	0.00	0.01	0.056	I	0	0.31
42.333	0.00	0.01	0.056	I	0	0.31
42.417	0.00	0.01	0.056	I	0	0.31
42.500	0.00	0.01	0.056	I	0	0.31
42.583	0.00	0.01	0.056	I	0	0.31
42.667	0.00	0.01	0.056	I	0	0.31
42.750	0.00	0.01	0.055	I	0	0.31
42.833	0.00	0.01	0.055	I	0	0.31
42.917	0.00	0.01	0.055	I	0	0.31
43.000	0.00	0.01	0.055	I	0	0.31
43.083	0.00	0.01	0.055	I	0	0.31
43.167	0.00	0.01	0.055	I	0	0.31
43.250	0.00	0.01	0.055	I	0	0.31
43.333	0.00	0.01	0.055	I	0	0.30
43.417	0.00	0.01	0.055	I	0	0.30
43.500	0.00	0.01	0.055	I	0	0.30
43.583	0.00	0.01	0.055	I	0	0.30
43.667	0.00	0.01	0.055	I	0	0.30
43.750	0.00	0.01	0.054	I	0	0.30
43.833	0.00	0.01	0.054	I	0	0.30
43.917	0.00	0.01	0.054	I	0	0.30
44.000	0.00	0.01	0.054	I	0	0.30
44.083	0.00	0.01	0.054	I	0	0.30
44.167	0.00	0.01	0.054	I	0	0.30
44.250	0.00	0.01	0.054	I	0	0.30
44.333	0.00	0.01	0.054	I	0	0.30
44.417	0.00	0.01	0.054	I	0	0.30
44.500	0.00	0.01	0.054	I	0	0.30
44.583	0.00	0.01	0.054	I	0	0.30
44.667	0.00	0.01	0.054	I	0	0.30
44.750	0.00	0.01	0.053	I	0	0.30
44.833	0.00	0.01	0.053	I	0	0.30
44.917	0.00	0.01	0.053	I	0	0.30
45.000	0.00	0.01	0.053	I	0	0.30
45.083	0.00	0.01	0.053	I	0	0.30
45.167	0.00	0.01	0.053	I	0	0.29
45.250	0.00	0.01	0.053	I	0	0.29
45.333	0.00	0.01	0.053	I	0	0.29
45.417	0.00	0.01	0.053	I	0	0.29
45.500	0.00	0.01	0.053	I	0	0.29
45.583	0.00	0.01	0.053	I	0	0.29
45.667	0.00	0.01	0.053	I	0	0.29
45.750	0.00	0.01	0.053	I	0	0.29
45.833	0.00	0.01	0.052	I	0	0.29
45.917	0.00	0.01	0.052	I	0	0.29
46.000	0.00	0.01	0.052	I	0	0.29
46.083	0.00	0.01	0.052	I	0	0.29
46.167	0.00	0.01	0.052	I	0	0.29
46.250	0.00	0.01	0.052	I	0	0.29
46.333	0.00	0.01	0.052	I	0	0.29
46.417	0.00	0.01	0.052	I	0	0.29
46.500	0.00	0.01	0.052	I	0	0.29
46.583	0.00	0.01	0.052	I	0	0.29
46.667	0.00	0.01	0.052	I	0	0.29
46.750	0.00	0.01	0.052	I	0	0.29
46.833	0.00	0.01	0.051	I	0	0.29
46.917	0.00	0.01	0.051	I	0	0.29
47.000	0.00	0.01	0.051	I	0	0.29
47.083	0.00	0.01	0.051	I	0	0.28
47.167	0.00	0.01	0.051	I	0	0.28
47.250	0.00	0.01	0.051	I	0	0.28
47.333	0.00	0.01	0.051	I	0	0.28
47.417	0.00	0.01	0.051	I	0	0.28
47.500	0.00	0.01	0.051	I	0	0.28
47.583	0.00	0.01	0.051	I	0	0.28
47.667	0.00	0.01	0.051	I	0	0.28

47.750	0.00	0.01	0.051	I O	0.28
47.833	0.00	0.01	0.051	I O	0.28
47.917	0.00	0.01	0.050	I O	0.28
48.000	0.00	0.01	0.050	I O	0.28
48.083	0.00	0.01	0.050	I O	0.28
48.167	0.00	0.01	0.050	I O	0.28
48.250	0.00	0.01	0.050	I O	0.28
48.333	0.00	0.01	0.050	I O	0.28
48.417	0.00	0.01	0.050	I O	0.28
48.500	0.00	0.01	0.050	I O	0.28
48.583	0.00	0.01	0.050	I O	0.28
48.667	0.00	0.01	0.050	I O	0.28
48.750	0.00	0.01	0.050	I O	0.28
48.833	0.00	0.01	0.050	I O	0.28
48.917	0.00	0.01	0.050	I O	0.28
49.000	0.00	0.01	0.049	I O	0.27
49.083	0.00	0.01	0.049	I O	0.27
49.167	0.00	0.01	0.049	I O	0.27
49.250	0.00	0.01	0.049	I O	0.27
49.333	0.00	0.01	0.049	I O	0.27
49.417	0.00	0.01	0.049	I O	0.27
49.500	0.00	0.01	0.049	I O	0.27
49.583	0.00	0.01	0.049	I O	0.27
49.667	0.00	0.01	0.049	I O	0.27
49.750	0.00	0.01	0.049	I O	0.27
49.833	0.00	0.01	0.049	I O	0.27
49.917	0.00	0.01	0.049	I O	0.27
50.000	0.00	0.01	0.049	I O	0.27
50.083	0.00	0.01	0.048	I O	0.27
50.167	0.00	0.01	0.048	I O	0.27
50.250	0.00	0.01	0.048	I O	0.27
50.333	0.00	0.01	0.048	I O	0.27
50.417	0.00	0.01	0.048	I O	0.27
50.500	0.00	0.01	0.048	I O	0.27
50.583	0.00	0.01	0.048	I O	0.27
50.667	0.00	0.01	0.048	I O	0.27
50.750	0.00	0.01	0.048	I O	0.27
50.833	0.00	0.01	0.048	I O	0.27
50.917	0.00	0.01	0.048	I O	0.27
51.000	0.00	0.01	0.048	I O	0.26
51.083	0.00	0.01	0.048	I O	0.26
51.167	0.00	0.01	0.048	I O	0.26
51.250	0.00	0.01	0.047	I O	0.26
51.333	0.00	0.01	0.047	I O	0.26
51.417	0.00	0.01	0.047	I O	0.26
51.500	0.00	0.01	0.047	I O	0.26
51.583	0.00	0.01	0.047	I O	0.26
51.667	0.00	0.01	0.047	I O	0.26
51.750	0.00	0.01	0.047	I O	0.26
51.833	0.00	0.01	0.047	I O	0.26
51.917	0.00	0.01	0.047	I O	0.26
52.000	0.00	0.01	0.047	I O	0.26
52.083	0.00	0.01	0.047	I O	0.26
52.167	0.00	0.01	0.047	I O	0.26
52.250	0.00	0.01	0.047	I O	0.26
52.333	0.00	0.01	0.047	I O	0.26
52.417	0.00	0.01	0.046	I O	0.26
52.500	0.00	0.01	0.046	I O	0.26
52.583	0.00	0.01	0.046	I O	0.26
52.667	0.00	0.01	0.046	I O	0.26
52.750	0.00	0.01	0.046	I O	0.26
52.833	0.00	0.01	0.046	I O	0.26
52.917	0.00	0.01	0.046	I O	0.26
53.000	0.00	0.01	0.046	I O	0.26
53.083	0.00	0.01	0.046	I O	0.25
53.167	0.00	0.01	0.046	I O	0.25
53.250	0.00	0.01	0.046	I O	0.25
53.333	0.00	0.01	0.046	I O	0.25
53.417	0.00	0.01	0.046	I O	0.25
53.500	0.00	0.01	0.046	I O	0.25
53.583	0.00	0.01	0.045	I O	0.25

53.667	0.00	0.01	0.045	I O	0.25
53.750	0.00	0.01	0.045	I O	0.25
53.833	0.00	0.01	0.045	I O	0.25
53.917	0.00	0.01	0.045	I O	0.25
54.000	0.00	0.01	0.045	I O	0.25
54.083	0.00	0.01	0.045	I O	0.25
54.167	0.00	0.01	0.045	I O	0.25
54.250	0.00	0.01	0.045	I O	0.25
54.333	0.00	0.01	0.045	I O	0.25
54.417	0.00	0.01	0.045	I O	0.25
54.500	0.00	0.01	0.045	I O	0.25
54.583	0.00	0.01	0.045	I O	0.25
54.667	0.00	0.01	0.045	I O	0.25
54.750	0.00	0.01	0.045	I O	0.25
54.833	0.00	0.01	0.044	I O	0.25
54.917	0.00	0.01	0.044	I O	0.25
55.000	0.00	0.01	0.044	I O	0.25
55.083	0.00	0.01	0.044	I O	0.25
55.167	0.00	0.01	0.044	I O	0.25
55.250	0.00	0.01	0.044	I O	0.25
55.333	0.00	0.01	0.044	I O	0.24
55.417	0.00	0.01	0.044	I O	0.24
55.500	0.00	0.01	0.044	I O	0.24
55.583	0.00	0.01	0.044	I O	0.24
55.667	0.00	0.01	0.044	I O	0.24
55.750	0.00	0.01	0.044	I O	0.24
55.833	0.00	0.01	0.044	I O	0.24
55.917	0.00	0.01	0.044	I O	0.24
56.000	0.00	0.01	0.044	I O	0.24
56.083	0.00	0.01	0.043	I O	0.24
56.167	0.00	0.01	0.043	I O	0.24
56.250	0.00	0.01	0.043	I O	0.24
56.333	0.00	0.01	0.043	I O	0.24
56.417	0.00	0.01	0.043	I O	0.24
56.500	0.00	0.01	0.043	I O	0.24
56.583	0.00	0.01	0.043	I O	0.24
56.667	0.00	0.01	0.043	I O	0.24
56.750	0.00	0.01	0.043	I O	0.24
56.833	0.00	0.01	0.043	I O	0.24
56.917	0.00	0.01	0.043	I O	0.24
57.000	0.00	0.01	0.043	I O	0.24
57.083	0.00	0.01	0.043	I O	0.24
57.167	0.00	0.01	0.043	I O	0.24
57.250	0.00	0.01	0.043	I O	0.24
57.333	0.00	0.01	0.042	I O	0.24
57.417	0.00	0.01	0.042	I O	0.24
57.500	0.00	0.01	0.042	I O	0.24
57.583	0.00	0.01	0.042	I O	0.23
57.667	0.00	0.01	0.042	I O	0.23
57.750	0.00	0.01	0.042	I O	0.23
57.833	0.00	0.01	0.042	I O	0.23
57.917	0.00	0.01	0.042	I O	0.23
58.000	0.00	0.01	0.042	I O	0.23
58.083	0.00	0.01	0.042	I O	0.23
58.167	0.00	0.01	0.042	I O	0.23
58.250	0.00	0.01	0.042	I O	0.23
58.333	0.00	0.01	0.042	I O	0.23
58.417	0.00	0.01	0.042	I O	0.23
58.500	0.00	0.01	0.042	I O	0.23
58.583	0.00	0.01	0.041	I O	0.23
58.667	0.00	0.01	0.041	I O	0.23
58.750	0.00	0.01	0.041	I O	0.23
58.833	0.00	0.01	0.041	I O	0.23
58.917	0.00	0.01	0.041	I O	0.23
59.000	0.00	0.01	0.041	I O	0.23
59.083	0.00	0.01	0.041	I O	0.23
59.167	0.00	0.01	0.041	I O	0.23
59.250	0.00	0.01	0.041	I O	0.23
59.333	0.00	0.01	0.041	I O	0.23
59.417	0.00	0.01	0.041	I O	0.23
59.500	0.00	0.01	0.041	I O	0.23

59.583	0.00	0.01	0.041	I O	0.23
59.667	0.00	0.01	0.041	I O	0.23
59.750	0.00	0.01	0.041	I O	0.23
59.833	0.00	0.01	0.041	I O	0.23
59.917	0.00	0.01	0.040	I O	0.22
60.000	0.00	0.01	0.040	I O	0.22
60.083	0.00	0.01	0.040	I O	0.22
60.167	0.00	0.01	0.040	I O	0.22
60.250	0.00	0.01	0.040	I O	0.22
60.333	0.00	0.01	0.040	I O	0.22
60.417	0.00	0.01	0.040	I O	0.22
60.500	0.00	0.01	0.040	I O	0.22
60.583	0.00	0.01	0.040	I O	0.22
60.667	0.00	0.01	0.040	I O	0.22
60.750	0.00	0.01	0.040	I O	0.22
60.833	0.00	0.01	0.040	I O	0.22
60.917	0.00	0.01	0.040	I O	0.22
61.000	0.00	0.01	0.040	I O	0.22
61.083	0.00	0.01	0.040	I O	0.22
61.167	0.00	0.01	0.040	I O	0.22
61.250	0.00	0.01	0.040	I O	0.22
61.333	0.00	0.01	0.039	I O	0.22
61.417	0.00	0.01	0.039	I O	0.22
61.500	0.00	0.01	0.039	I O	0.22
61.583	0.00	0.01	0.039	I O	0.22
61.667	0.00	0.01	0.039	I O	0.22
61.750	0.00	0.01	0.039	I O	0.22
61.833	0.00	0.01	0.039	I O	0.22
61.917	0.00	0.01	0.039	I O	0.22
62.000	0.00	0.01	0.039	I O	0.22
62.083	0.00	0.01	0.039	I O	0.22
62.167	0.00	0.01	0.039	I O	0.22
62.250	0.00	0.01	0.039	I O	0.22
62.333	0.00	0.01	0.039	I O	0.22
62.417	0.00	0.01	0.039	I O	0.21
62.500	0.00	0.01	0.039	I O	0.21
62.583	0.00	0.01	0.039	I O	0.21
62.667	0.00	0.01	0.038	I O	0.21
62.750	0.00	0.01	0.038	I O	0.21
62.833	0.00	0.01	0.038	I O	0.21
62.917	0.00	0.01	0.038	I O	0.21
63.000	0.00	0.01	0.038	I O	0.21
63.083	0.00	0.01	0.038	I O	0.21
63.167	0.00	0.01	0.038	I O	0.21
63.250	0.00	0.01	0.038	I O	0.21
63.333	0.00	0.01	0.038	I O	0.21
63.417	0.00	0.01	0.038	I O	0.21
63.500	0.00	0.01	0.038	I O	0.21
63.583	0.00	0.01	0.038	I O	0.21
63.667	0.00	0.01	0.038	I O	0.21
63.750	0.00	0.01	0.038	I O	0.21
63.833	0.00	0.01	0.038	I O	0.21
63.917	0.00	0.01	0.038	I O	0.21
64.000	0.00	0.01	0.038	I O	0.21
64.083	0.00	0.01	0.038	I O	0.21
64.167	0.00	0.01	0.037	I O	0.21
64.250	0.00	0.01	0.037	I O	0.21
64.333	0.00	0.01	0.037	I O	0.21
64.417	0.00	0.01	0.037	I O	0.21
64.500	0.00	0.01	0.037	I O	0.21
64.583	0.00	0.01	0.037	I O	0.21
64.667	0.00	0.01	0.037	I O	0.21
64.750	0.00	0.01	0.037	I O	0.21
64.833	0.00	0.01	0.037	I O	0.21
64.917	0.00	0.01	0.037	I O	0.21
65.000	0.00	0.01	0.037	I O	0.20
65.083	0.00	0.01	0.037	I O	0.20
65.167	0.00	0.01	0.037	I O	0.20
65.250	0.00	0.01	0.037	I O	0.20
65.333	0.00	0.01	0.037	I O	0.20
65.417	0.00	0.01	0.037	I O	0.20

65.500	0.00	0.01	0.037	I O					0.20
65.583	0.00	0.01	0.036	I O					0.20
65.667	0.00	0.01	0.036	I O					0.20
65.750	0.00	0.01	0.036	I O					0.20
65.833	0.00	0.01	0.036	I O					0.20
65.917	0.00	0.01	0.036	I O					0.20
66.000	0.00	0.01	0.036	I O					0.20
66.083	0.00	0.01	0.036	I O					0.20
66.167	0.00	0.01	0.036	I O					0.20
66.250	0.00	0.01	0.036	I O					0.20
66.333	0.00	0.01	0.036	I O					0.20
66.417	0.00	0.01	0.036	I O					0.20
66.500	0.00	0.01	0.036	I O					0.20
66.583	0.00	0.01	0.036	I O					0.20
66.667	0.00	0.01	0.036	I O					0.20
66.750	0.00	0.01	0.036	I O					0.20
66.833	0.00	0.01	0.036	I O					0.20
66.917	0.00	0.01	0.036	I O					0.20
67.000	0.00	0.01	0.036	I O					0.20
67.083	0.00	0.01	0.035	I O					0.20
67.167	0.00	0.01	0.035	I O					0.20
67.250	0.00	0.01	0.035	I O					0.20
67.333	0.00	0.01	0.035	I O					0.20
67.417	0.00	0.01	0.035	I O					0.20
67.500	0.00	0.01	0.035	I O					0.20
67.583	0.00	0.01	0.035	I O					0.20
67.667	0.00	0.01	0.035	I O					0.20
67.750	0.00	0.01	0.035	I O					0.19
67.833	0.00	0.01	0.035	I O					0.19
67.917	0.00	0.01	0.035	I O					0.19
68.000	0.00	0.01	0.035	I O					0.19
68.083	0.00	0.01	0.035	I O					0.19
68.167	0.00	0.01	0.035	I O					0.19
68.250	0.00	0.01	0.035	I O					0.19
68.333	0.00	0.01	0.035	I O					0.19
68.417	0.00	0.01	0.035	IO					0.19
68.500	0.00	0.01	0.035	IO					0.19
68.583	0.00	0.01	0.035	IO					0.19
68.667	0.00	0.01	0.034	IO					0.19
68.750	0.00	0.01	0.034	IO					0.19
68.833	0.00	0.01	0.034	IO					0.19
68.917	0.00	0.01	0.034	IO					0.19
69.000	0.00	0.01	0.034	IO					0.19
69.083	0.00	0.01	0.034	IO					0.19
69.167	0.00	0.01	0.034	IO					0.19
69.250	0.00	0.01	0.034	IO					0.19
69.333	0.00	0.01	0.034	IO					0.19
69.417	0.00	0.01	0.034	IO					0.19
69.500	0.00	0.01	0.034	IO					0.19
69.583	0.00	0.01	0.034	IO					0.19
69.667	0.00	0.01	0.034	IO					0.19
69.750	0.00	0.01	0.034	IO					0.19
69.833	0.00	0.01	0.034	IO					0.19
69.917	0.00	0.01	0.034	IO					0.19
70.000	0.00	0.01	0.034	IO					0.19
70.083	0.00	0.01	0.034	IO					0.19
70.167	0.00	0.01	0.034	IO					0.19
70.250	0.00	0.01	0.033	IO					0.19
70.333	0.00	0.01	0.033	IO					0.19
70.417	0.00	0.01	0.033	IO					0.19
70.500	0.00	0.01	0.033	IO					0.19
70.583	0.00	0.01	0.033	IO					0.18
70.667	0.00	0.01	0.033	IO					0.18
70.750	0.00	0.01	0.033	IO					0.18
70.833	0.00	0.01	0.033	IO					0.18
70.917	0.00	0.01	0.033	IO					0.18
71.000	0.00	0.01	0.033	IO					0.18
71.083	0.00	0.01	0.033	IO					0.18
71.167	0.00	0.01	0.033	IO					0.18
71.250	0.00	0.01	0.033	IO					0.18
71.333	0.00	0.01	0.033	IO					0.18

71.417	0.00	0.01	0.033	IO	0.18
71.500	0.00	0.01	0.033	IO	0.18
71.583	0.00	0.01	0.033	IO	0.18
71.667	0.00	0.01	0.033	IO	0.18
71.750	0.00	0.01	0.033	IO	0.18
71.833	0.00	0.01	0.033	IO	0.18
71.917	0.00	0.01	0.032	IO	0.18
72.000	0.00	0.01	0.032	IO	0.18
72.083	0.00	0.01	0.032	IO	0.18
72.167	0.00	0.01	0.032	IO	0.18
72.250	0.00	0.01	0.032	IO	0.18
72.333	0.00	0.01	0.032	IO	0.18
72.417	0.00	0.01	0.032	IO	0.18
72.500	0.00	0.01	0.032	IO	0.18
72.583	0.00	0.01	0.032	IO	0.18
72.667	0.00	0.01	0.032	IO	0.18
72.750	0.00	0.01	0.032	IO	0.18
72.833	0.00	0.01	0.032	IO	0.18
72.917	0.00	0.01	0.032	IO	0.18
73.000	0.00	0.01	0.032	IO	0.18
73.083	0.00	0.01	0.032	IO	0.18
73.167	0.00	0.01	0.032	IO	0.18
73.250	0.00	0.01	0.032	IO	0.18
73.333	0.00	0.01	0.032	IO	0.18
73.417	0.00	0.01	0.032	IO	0.18
73.500	0.00	0.01	0.032	IO	0.18
73.583	0.00	0.01	0.031	IO	0.17
73.667	0.00	0.01	0.031	IO	0.17
73.750	0.00	0.01	0.031	IO	0.17
73.833	0.00	0.01	0.031	IO	0.17
73.917	0.00	0.01	0.031	IO	0.17
74.000	0.00	0.01	0.031	IO	0.17
74.083	0.00	0.01	0.031	IO	0.17
74.167	0.00	0.01	0.031	IO	0.17
74.250	0.00	0.01	0.031	IO	0.17
74.333	0.00	0.01	0.031	IO	0.17
74.417	0.00	0.01	0.031	IO	0.17
74.500	0.00	0.01	0.031	IO	0.17
74.583	0.00	0.01	0.031	IO	0.17
74.667	0.00	0.01	0.031	IO	0.17
74.750	0.00	0.01	0.031	IO	0.17
74.833	0.00	0.01	0.031	IO	0.17
74.917	0.00	0.01	0.031	IO	0.17
75.000	0.00	0.01	0.031	IO	0.17
75.083	0.00	0.01	0.031	IO	0.17
75.167	0.00	0.01	0.031	IO	0.17
75.250	0.00	0.01	0.031	IO	0.17
75.333	0.00	0.01	0.031	IO	0.17
75.417	0.00	0.01	0.030	IO	0.17
75.500	0.00	0.01	0.030	IO	0.17
75.583	0.00	0.01	0.030	IO	0.17
75.667	0.00	0.01	0.030	IO	0.17
75.750	0.00	0.01	0.030	IO	0.17
75.833	0.00	0.01	0.030	IO	0.17
75.917	0.00	0.01	0.030	IO	0.17
76.000	0.00	0.01	0.030	IO	0.17
76.083	0.00	0.01	0.030	IO	0.17
76.167	0.00	0.01	0.030	IO	0.17
76.250	0.00	0.01	0.030	IO	0.17
76.333	0.00	0.01	0.030	IO	0.17
76.417	0.00	0.01	0.030	IO	0.17
76.500	0.00	0.01	0.030	IO	0.17
76.583	0.00	0.01	0.030	IO	0.17
76.667	0.00	0.01	0.030	IO	0.17
76.750	0.00	0.01	0.030	IO	0.17
76.833	0.00	0.01	0.030	IO	0.16
76.917	0.00	0.01	0.030	IO	0.16
77.000	0.00	0.01	0.030	IO	0.16
77.083	0.00	0.01	0.030	IO	0.16
77.167	0.00	0.01	0.029	IO	0.16
77.250	0.00	0.01	0.029	IO	0.16

77.333	0.00	0.01	0.029	IO					0.16
77.417	0.00	0.01	0.029	IO					0.16
77.500	0.00	0.01	0.029	IO					0.16
77.583	0.00	0.01	0.029	IO					0.16
77.667	0.00	0.01	0.029	IO					0.16
77.750	0.00	0.01	0.029	IO					0.16
77.833	0.00	0.01	0.029	IO					0.16
77.917	0.00	0.01	0.029	IO					0.16
78.000	0.00	0.01	0.029	IO					0.16
78.083	0.00	0.01	0.029	IO					0.16
78.167	0.00	0.01	0.029	IO					0.16
78.250	0.00	0.01	0.029	IO					0.16
78.333	0.00	0.01	0.029	IO					0.16
78.417	0.00	0.01	0.029	IO					0.16
78.500	0.00	0.01	0.029	IO					0.16
78.583	0.00	0.01	0.029	IO					0.16
78.667	0.00	0.01	0.029	IO					0.16
78.750	0.00	0.01	0.029	IO					0.16
78.833	0.00	0.01	0.029	IO					0.16
78.917	0.00	0.01	0.029	IO					0.16
79.000	0.00	0.01	0.029	IO					0.16
79.083	0.00	0.01	0.028	IO					0.16
79.167	0.00	0.01	0.028	IO					0.16
79.250	0.00	0.01	0.028	IO					0.16
79.333	0.00	0.01	0.028	IO					0.16
79.417	0.00	0.01	0.028	IO					0.16
79.500	0.00	0.01	0.028	IO					0.16
79.583	0.00	0.01	0.028	IO					0.16
79.667	0.00	0.01	0.028	IO					0.16
79.750	0.00	0.01	0.028	IO					0.16
79.833	0.00	0.01	0.028	IO					0.16
79.917	0.00	0.01	0.028	IO					0.16
80.000	0.00	0.01	0.028	IO					0.16
80.083	0.00	0.01	0.028	IO					0.16
80.167	0.00	0.01	0.028	IO					0.16
80.250	0.00	0.01	0.028	IO					0.15
80.333	0.00	0.01	0.028	IO					0.15
80.417	0.00	0.01	0.028	IO					0.15
80.500	0.00	0.01	0.028	IO					0.15
80.583	0.00	0.01	0.028	IO					0.15
80.667	0.00	0.01	0.028	IO					0.15
80.750	0.00	0.01	0.028	IO					0.15
80.833	0.00	0.01	0.028	IO					0.15
80.917	0.00	0.01	0.028	IO					0.15
81.000	0.00	0.01	0.027	IO					0.15
81.083	0.00	0.01	0.027	IO					0.15
81.167	0.00	0.01	0.027	IO					0.15
81.250	0.00	0.01	0.027	IO					0.15
81.333	0.00	0.01	0.027	IO					0.15
81.417	0.00	0.01	0.027	IO					0.15
81.500	0.00	0.01	0.027	IO					0.15
81.583	0.00	0.01	0.027	IO					0.15
81.667	0.00	0.01	0.027	IO					0.15
81.750	0.00	0.01	0.027	IO					0.15
81.833	0.00	0.01	0.027	IO					0.15
81.917	0.00	0.01	0.027	IO					0.15
82.000	0.00	0.01	0.027	IO					0.15
82.083	0.00	0.01	0.027	IO					0.15
82.167	0.00	0.01	0.027	IO					0.15
82.250	0.00	0.01	0.027	IO					0.15
82.333	0.00	0.01	0.027	IO					0.15
82.417	0.00	0.01	0.027	IO					0.15
82.500	0.00	0.01	0.027	IO					0.15
82.583	0.00	0.01	0.027	IO					0.15
82.667	0.00	0.01	0.027	IO					0.15
82.750	0.00	0.01	0.027	IO					0.15
82.833	0.00	0.01	0.027	IO					0.15
82.917	0.00	0.01	0.027	IO					0.15
83.000	0.00	0.01	0.026	IO					0.15
83.083	0.00	0.01	0.026	IO					0.15
83.167	0.00	0.01	0.026	IO					0.15

83.250	0.00	0.01	0.026	IO					0.15
83.333	0.00	0.01	0.026	IO					0.15
83.417	0.00	0.01	0.026	IO					0.15
83.500	0.00	0.01	0.026	IO					0.15
83.583	0.00	0.01	0.026	IO					0.15
83.667	0.00	0.01	0.026	IO					0.15
83.750	0.00	0.01	0.026	IO					0.15
83.833	0.00	0.01	0.026	IO					0.14
83.917	0.00	0.01	0.026	IO					0.14
84.000	0.00	0.01	0.026	IO					0.14
84.083	0.00	0.01	0.026	IO					0.14
84.167	0.00	0.01	0.026	IO					0.14
84.250	0.00	0.01	0.026	IO					0.14
84.333	0.00	0.01	0.026	IO					0.14
84.417	0.00	0.01	0.026	IO					0.14
84.500	0.00	0.01	0.026	IO					0.14
84.583	0.00	0.01	0.026	IO					0.14
84.667	0.00	0.01	0.026	IO					0.14
84.750	0.00	0.01	0.026	IO					0.14
84.833	0.00	0.01	0.026	IO					0.14
84.917	0.00	0.01	0.026	IO					0.14
85.000	0.00	0.01	0.026	IO					0.14
85.083	0.00	0.01	0.025	IO					0.14
85.167	0.00	0.01	0.025	IO					0.14
85.250	0.00	0.01	0.025	IO					0.14
85.333	0.00	0.01	0.025	IO					0.14
85.417	0.00	0.01	0.025	IO					0.14
85.500	0.00	0.01	0.025	IO					0.14
85.583	0.00	0.01	0.025	IO					0.14
85.667	0.00	0.01	0.025	IO					0.14
85.750	0.00	0.01	0.025	IO					0.14
85.833	0.00	0.01	0.025	IO					0.14
85.917	0.00	0.01	0.025	IO					0.14
86.000	0.00	0.01	0.025	IO					0.14
86.083	0.00	0.01	0.025	IO					0.14
86.167	0.00	0.01	0.025	IO					0.14
86.250	0.00	0.01	0.025	IO					0.14
86.333	0.00	0.01	0.025	IO					0.14
86.417	0.00	0.01	0.025	IO					0.14
86.500	0.00	0.01	0.025	IO					0.14
86.583	0.00	0.01	0.025	IO					0.14
86.667	0.00	0.01	0.025	IO					0.14
86.750	0.00	0.01	0.025	IO					0.14
86.833	0.00	0.01	0.025	IO					0.14
86.917	0.00	0.01	0.025	IO					0.14
87.000	0.00	0.01	0.025	IO					0.14
87.083	0.00	0.01	0.025	IO					0.14
87.167	0.00	0.01	0.025	IO					0.14
87.250	0.00	0.01	0.025	IO					0.14
87.333	0.00	0.01	0.024	IO					0.14
87.417	0.00	0.01	0.024	IO					0.14
87.500	0.00	0.01	0.024	IO					0.14
87.583	0.00	0.01	0.024	IO					0.14
87.667	0.00	0.01	0.024	IO					0.14
87.750	0.00	0.01	0.024	IO					0.13
87.833	0.00	0.01	0.024	IO					0.13
87.917	0.00	0.01	0.024	IO					0.13
88.000	0.00	0.01	0.024	IO					0.13
88.083	0.00	0.01	0.024	IO					0.13
88.167	0.00	0.01	0.024	IO					0.13
88.250	0.00	0.01	0.024	IO					0.13
88.333	0.00	0.01	0.024	IO					0.13
88.417	0.00	0.01	0.024	IO					0.13
88.500	0.00	0.01	0.024	IO					0.13
88.583	0.00	0.01	0.024	IO					0.13
88.667	0.00	0.01	0.024	IO					0.13
88.750	0.00	0.01	0.024	IO					0.13
88.833	0.00	0.01	0.024	IO					0.13
88.917	0.00	0.01	0.024	IO					0.13
89.000	0.00	0.01	0.024	IO					0.13
89.083	0.00	0.01	0.024	IO					0.13

89.167	0.00	0.01	0.024	IO					0.13
89.250	0.00	0.01	0.024	IO					0.13
89.333	0.00	0.01	0.024	IO					0.13
89.417	0.00	0.01	0.024	IO					0.13
89.500	0.00	0.01	0.024	IO					0.13
89.583	0.00	0.01	0.023	IO					0.13
89.667	0.00	0.01	0.023	IO					0.13
89.750	0.00	0.01	0.023	IO					0.13
89.833	0.00	0.01	0.023	IO					0.13
89.917	0.00	0.01	0.023	IO					0.13
90.000	0.00	0.01	0.023	IO					0.13
90.083	0.00	0.01	0.023	IO					0.13
90.167	0.00	0.01	0.023	IO					0.13
90.250	0.00	0.01	0.023	IO					0.13
90.333	0.00	0.01	0.023	IO					0.13
90.417	0.00	0.01	0.023	IO					0.13
90.500	0.00	0.01	0.023	IO					0.13
90.583	0.00	0.01	0.023	IO					0.13
90.667	0.00	0.01	0.023	IO					0.13
90.750	0.00	0.01	0.023	IO					0.13
90.833	0.00	0.01	0.023	IO					0.13
90.917	0.00	0.01	0.023	IO					0.13
91.000	0.00	0.01	0.023	IO					0.13
91.083	0.00	0.01	0.023	IO					0.13
91.167	0.00	0.01	0.023	IO					0.13
91.250	0.00	0.01	0.023	IO					0.13
91.333	0.00	0.01	0.023	IO					0.13
91.417	0.00	0.01	0.023	IO					0.13
91.500	0.00	0.01	0.023	IO					0.13
91.583	0.00	0.01	0.023	IO					0.13
91.667	0.00	0.01	0.023	IO					0.13
91.750	0.00	0.01	0.023	IO					0.13
91.833	0.00	0.01	0.023	IO					0.13
91.917	0.00	0.00	0.022	IO					0.12
92.000	0.00	0.00	0.022	IO					0.12
92.083	0.00	0.00	0.022	IO					0.12
92.167	0.00	0.00	0.022	IO					0.12
92.250	0.00	0.00	0.022	IO					0.12
92.333	0.00	0.00	0.022	IO					0.12
92.417	0.00	0.00	0.022	IO					0.12
92.500	0.00	0.00	0.022	IO					0.12
92.583	0.00	0.00	0.022	IO					0.12
92.667	0.00	0.00	0.022	IO					0.12
92.750	0.00	0.00	0.022	IO					0.12
92.833	0.00	0.00	0.022	IO					0.12
92.917	0.00	0.00	0.022	IO					0.12
93.000	0.00	0.00	0.022	IO					0.12
93.083	0.00	0.00	0.022	IO					0.12
93.167	0.00	0.00	0.022	IO					0.12
93.250	0.00	0.00	0.022	IO					0.12
93.333	0.00	0.00	0.022	IO					0.12
93.417	0.00	0.00	0.022	IO					0.12
93.500	0.00	0.00	0.022	IO					0.12
93.583	0.00	0.00	0.022	IO					0.12
93.667	0.00	0.00	0.022	IO					0.12
93.750	0.00	0.00	0.022	IO					0.12
93.833	0.00	0.00	0.022	IO					0.12
93.917	0.00	0.00	0.022	IO					0.12
94.000	0.00	0.00	0.022	IO					0.12
94.083	0.00	0.00	0.022	IO					0.12
94.167	0.00	0.00	0.022	IO					0.12
94.250	0.00	0.00	0.022	IO					0.12
94.333	0.00	0.00	0.022	IO					0.12
94.417	0.00	0.00	0.021	IO					0.12
94.500	0.00	0.00	0.021	IO					0.12
94.583	0.00	0.00	0.021	IO					0.12
94.667	0.00	0.00	0.021	IO					0.12
94.750	0.00	0.00	0.021	IO					0.12
94.833	0.00	0.00	0.021	IO					0.12
94.917	0.00	0.00	0.021	IO					0.12
95.000	0.00	0.00	0.021	IO					0.12

95.083	0.00	0.00	0.021	IO					0.12
95.167	0.00	0.00	0.021	IO					0.12
95.250	0.00	0.00	0.021	IO					0.12
95.333	0.00	0.00	0.021	IO					0.12
95.417	0.00	0.00	0.021	IO					0.12
95.500	0.00	0.00	0.021	IO					0.12
95.583	0.00	0.00	0.021	IO					0.12
95.667	0.00	0.00	0.021	IO					0.12
95.750	0.00	0.00	0.021	IO					0.12
95.833	0.00	0.00	0.021	IO					0.12
95.917	0.00	0.00	0.021	IO					0.12
96.000	0.00	0.00	0.021	IO					0.12
96.083	0.00	0.00	0.021	IO					0.12
96.167	0.00	0.00	0.021	IO					0.12
96.250	0.00	0.00	0.021	IO					0.12
96.333	0.00	0.00	0.021	IO					0.12
96.417	0.00	0.00	0.021	IO					0.12
96.500	0.00	0.00	0.021	IO					0.11
96.583	0.00	0.00	0.021	IO					0.11
96.667	0.00	0.00	0.021	IO					0.11
96.750	0.00	0.00	0.021	IO					0.11
96.833	0.00	0.00	0.021	IO					0.11
96.917	0.00	0.00	0.021	IO					0.11
97.000	0.00	0.00	0.020	IO					0.11
97.083	0.00	0.00	0.020	IO					0.11
97.167	0.00	0.00	0.020	IO					0.11
97.250	0.00	0.00	0.020	IO					0.11
97.333	0.00	0.00	0.020	IO					0.11
97.417	0.00	0.00	0.020	IO					0.11
97.500	0.00	0.00	0.020	IO					0.11
97.583	0.00	0.00	0.020	IO					0.11
97.667	0.00	0.00	0.020	IO					0.11
97.750	0.00	0.00	0.020	IO					0.11
97.833	0.00	0.00	0.020	IO					0.11
97.917	0.00	0.00	0.020	IO					0.11
98.000	0.00	0.00	0.020	IO					0.11
98.083	0.00	0.00	0.020	IO					0.11
98.167	0.00	0.00	0.020	IO					0.11
98.250	0.00	0.00	0.020	IO					0.11
98.333	0.00	0.00	0.020	IO					0.11
98.417	0.00	0.00	0.020	IO					0.11
98.500	0.00	0.00	0.020	IO					0.11
98.583	0.00	0.00	0.020	IO					0.11
98.667	0.00	0.00	0.020	IO					0.11
98.750	0.00	0.00	0.020	IO					0.11
98.833	0.00	0.00	0.020	IO					0.11
98.917	0.00	0.00	0.020	IO					0.11
99.000	0.00	0.00	0.020	IO					0.11
99.083	0.00	0.00	0.020	IO					0.11
99.167	0.00	0.00	0.020	IO					0.11
99.250	0.00	0.00	0.020	IO					0.11
99.333	0.00	0.00	0.020	IO					0.11
99.417	0.00	0.00	0.020	IO					0.11
99.500	0.00	0.00	0.020	IO					0.11
99.583	0.00	0.00	0.020	IO					0.11
99.667	0.00	0.00	0.020	IO					0.11
99.750	0.00	0.00	0.019	IO					0.11
99.833	0.00	0.00	0.019	IO					0.11
99.917	0.00	0.00	0.019	IO					0.11
100.000	0.00	0.00	0.019	IO					0.11
100.083	0.00	0.00	0.019	IO					0.11
100.167	0.00	0.00	0.019	IO					0.11
100.250	0.00	0.00	0.019	IO					0.11
100.333	0.00	0.00	0.019	IO					0.11
100.417	0.00	0.00	0.019	IO					0.11
100.500	0.00	0.00	0.019	IO					0.11
100.583	0.00	0.00	0.019	IO					0.11
100.667	0.00	0.00	0.019	IO					0.11
100.750	0.00	0.00	0.019	IO					0.11
100.833	0.00	0.00	0.019	IO					0.11
100.917	0.00	0.00	0.019	IO					0.11

101.000	0.00	0.00	0.019	IO				0.11
101.083	0.00	0.00	0.019	IO				0.11
101.167	0.00	0.00	0.019	IO				0.11
101.250	0.00	0.00	0.019	IO				0.11
101.333	0.00	0.00	0.019	IO				0.11
101.417	0.00	0.00	0.019	IO				0.10
101.500	0.00	0.00	0.019	IO				0.10
101.583	0.00	0.00	0.019	IO				0.10
101.667	0.00	0.00	0.019	IO				0.10
101.750	0.00	0.00	0.019	IO				0.10
101.833	0.00	0.00	0.019	IO				0.10
101.917	0.00	0.00	0.019	IO				0.10
102.000	0.00	0.00	0.019	IO				0.10
102.083	0.00	0.00	0.019	IO				0.10
102.167	0.00	0.00	0.019	IO				0.10
102.250	0.00	0.00	0.019	IO				0.10
102.333	0.00	0.00	0.019	IO				0.10
102.417	0.00	0.00	0.019	IO				0.10
102.500	0.00	0.00	0.019	IO				0.10
102.583	0.00	0.00	0.018	IO				0.10
102.667	0.00	0.00	0.018	IO				0.10
102.750	0.00	0.00	0.018	IO				0.10
102.833	0.00	0.00	0.018	IO				0.10
102.917	0.00	0.00	0.018	IO				0.10
103.000	0.00	0.00	0.018	IO				0.10
103.083	0.00	0.00	0.018	IO				0.10
103.167	0.00	0.00	0.018	IO				0.10
103.250	0.00	0.00	0.018	IO				0.10
103.333	0.00	0.00	0.018	IO				0.10
103.417	0.00	0.00	0.018	IO				0.10
103.500	0.00	0.00	0.018	IO				0.10
103.583	0.00	0.00	0.018	IO				0.10
103.667	0.00	0.00	0.018	IO				0.10
103.750	0.00	0.00	0.018	IO				0.10
103.833	0.00	0.00	0.018	IO				0.10
103.917	0.00	0.00	0.018	IO				0.10
104.000	0.00	0.00	0.018	IO				0.10
104.083	0.00	0.00	0.018	IO				0.10
104.167	0.00	0.00	0.018	IO				0.10
104.250	0.00	0.00	0.018	IO				0.10
104.333	0.00	0.00	0.018	IO				0.10
104.417	0.00	0.00	0.018	IO				0.10
104.500	0.00	0.00	0.018	IO				0.10
104.583	0.00	0.00	0.018	IO				0.10
104.667	0.00	0.00	0.018	IO				0.10
104.750	0.00	0.00	0.018	IO				0.10
104.833	0.00	0.00	0.018	IO				0.10
104.917	0.00	0.00	0.018	IO				0.10
105.000	0.00	0.00	0.018	IO				0.10
105.083	0.00	0.00	0.018	IO				0.10
105.167	0.00	0.00	0.018	IO				0.10
105.250	0.00	0.00	0.018	IO				0.10
105.333	0.00	0.00	0.018	IO				0.10
105.417	0.00	0.00	0.018	IO				0.10
105.500	0.00	0.00	0.018	IO				0.10
105.583	0.00	0.00	0.017	IO				0.10
105.667	0.00	0.00	0.017	IO				0.10
105.750	0.00	0.00	0.017	IO				0.10
105.833	0.00	0.00	0.017	IO				0.10
105.917	0.00	0.00	0.017	IO				0.10
106.000	0.00	0.00	0.017	IO				0.10
106.083	0.00	0.00	0.017	IO				0.10
106.167	0.00	0.00	0.017	O				0.10
106.250	0.00	0.00	0.017	O				0.10
106.333	0.00	0.00	0.017	O				0.10
106.417	0.00	0.00	0.017	O				0.10
106.500	0.00	0.00	0.017	O				0.10
106.583	0.00	0.00	0.017	O				0.10
106.667	0.00	0.00	0.017	O				0.10
106.750	0.00	0.00	0.017	O				0.10
106.833	0.00	0.00	0.017	O				0.10

106.917	0.00	0.00	0.017	0				0.09
107.000	0.00	0.00	0.017	0				0.09
107.083	0.00	0.00	0.017	0				0.09
107.167	0.00	0.00	0.017	0				0.09
107.250	0.00	0.00	0.017	0				0.09
107.333	0.00	0.00	0.017	0				0.09
107.417	0.00	0.00	0.017	0				0.09
107.500	0.00	0.00	0.017	0				0.09
107.583	0.00	0.00	0.017	0				0.09
107.667	0.00	0.00	0.017	0				0.09
107.750	0.00	0.00	0.017	0				0.09
107.833	0.00	0.00	0.017	0				0.09
107.917	0.00	0.00	0.017	0				0.09
108.000	0.00	0.00	0.017	0				0.09
108.083	0.00	0.00	0.017	0				0.09
108.167	0.00	0.00	0.017	0				0.09
108.250	0.00	0.00	0.017	0				0.09
108.333	0.00	0.00	0.017	0				0.09
108.417	0.00	0.00	0.017	0				0.09
108.500	0.00	0.00	0.017	0				0.09
108.583	0.00	0.00	0.017	0				0.09
108.667	0.00	0.00	0.017	0				0.09
108.750	0.00	0.00	0.017	0				0.09
108.833	0.00	0.00	0.016	0				0.09
108.917	0.00	0.00	0.016	0				0.09
109.000	0.00	0.00	0.016	0				0.09
109.083	0.00	0.00	0.016	0				0.09
109.167	0.00	0.00	0.016	0				0.09
109.250	0.00	0.00	0.016	0				0.09
109.333	0.00	0.00	0.016	0				0.09
109.417	0.00	0.00	0.016	0				0.09
109.500	0.00	0.00	0.016	0				0.09
109.583	0.00	0.00	0.016	0				0.09
109.667	0.00	0.00	0.016	0				0.09
109.750	0.00	0.00	0.016	0				0.09
109.833	0.00	0.00	0.016	0				0.09
109.917	0.00	0.00	0.016	0				0.09
110.000	0.00	0.00	0.016	0				0.09
110.083	0.00	0.00	0.016	0				0.09
110.167	0.00	0.00	0.016	0				0.09
110.250	0.00	0.00	0.016	0				0.09
110.333	0.00	0.00	0.016	0				0.09
110.417	0.00	0.00	0.016	0				0.09
110.500	0.00	0.00	0.016	0				0.09
110.583	0.00	0.00	0.016	0				0.09
110.667	0.00	0.00	0.016	0				0.09
110.750	0.00	0.00	0.016	0				0.09
110.833	0.00	0.00	0.016	0				0.09
110.917	0.00	0.00	0.016	0				0.09
111.000	0.00	0.00	0.016	0				0.09
111.083	0.00	0.00	0.016	0				0.09
111.167	0.00	0.00	0.016	0				0.09
111.250	0.00	0.00	0.016	0				0.09
111.333	0.00	0.00	0.016	0				0.09
111.417	0.00	0.00	0.016	0				0.09
111.500	0.00	0.00	0.016	0				0.09
111.583	0.00	0.00	0.016	0				0.09
111.667	0.00	0.00	0.016	0				0.09
111.750	0.00	0.00	0.016	0				0.09
111.833	0.00	0.00	0.016	0				0.09
111.917	0.00	0.00	0.016	0				0.09
112.000	0.00	0.00	0.016	0				0.09
112.083	0.00	0.00	0.016	0				0.09
112.167	0.00	0.00	0.016	0				0.09
112.250	0.00	0.00	0.015	0				0.09
112.333	0.00	0.00	0.015	0				0.09
112.417	0.00	0.00	0.015	0				0.09
112.500	0.00	0.00	0.015	0				0.09
112.583	0.00	0.00	0.015	0				0.09
112.667	0.00	0.00	0.015	0				0.09
112.750	0.00	0.00	0.015	0				0.09

112.833	0.00	0.00	0.015	0				0.09
112.917	0.00	0.00	0.015	0				0.08
113.000	0.00	0.00	0.015	0				0.08
113.083	0.00	0.00	0.015	0				0.08
113.167	0.00	0.00	0.015	0				0.08
113.250	0.00	0.00	0.015	0				0.08
113.333	0.00	0.00	0.015	0				0.08
113.417	0.00	0.00	0.015	0				0.08
113.500	0.00	0.00	0.015	0				0.08
113.583	0.00	0.00	0.015	0				0.08
113.667	0.00	0.00	0.015	0				0.08
113.750	0.00	0.00	0.015	0				0.08
113.833	0.00	0.00	0.015	0				0.08
113.917	0.00	0.00	0.015	0				0.08
114.000	0.00	0.00	0.015	0				0.08
114.083	0.00	0.00	0.015	0				0.08
114.167	0.00	0.00	0.015	0				0.08
114.250	0.00	0.00	0.015	0				0.08
114.333	0.00	0.00	0.015	0				0.08
114.417	0.00	0.00	0.015	0				0.08
114.500	0.00	0.00	0.015	0				0.08
114.583	0.00	0.00	0.015	0				0.08
114.667	0.00	0.00	0.015	0				0.08
114.750	0.00	0.00	0.015	0				0.08
114.833	0.00	0.00	0.015	0				0.08
114.917	0.00	0.00	0.015	0				0.08
115.000	0.00	0.00	0.015	0				0.08
115.083	0.00	0.00	0.015	0				0.08
115.167	0.00	0.00	0.015	0				0.08
115.250	0.00	0.00	0.015	0				0.08
115.333	0.00	0.00	0.015	0				0.08
115.417	0.00	0.00	0.015	0				0.08
115.500	0.00	0.00	0.015	0				0.08
115.583	0.00	0.00	0.015	0				0.08
115.667	0.00	0.00	0.015	0				0.08
115.750	0.00	0.00	0.015	0				0.08
115.833	0.00	0.00	0.014	0				0.08
115.917	0.00	0.00	0.014	0				0.08
116.000	0.00	0.00	0.014	0				0.08
116.083	0.00	0.00	0.014	0				0.08
116.167	0.00	0.00	0.014	0				0.08
116.250	0.00	0.00	0.014	0				0.08
116.333	0.00	0.00	0.014	0				0.08
116.417	0.00	0.00	0.014	0				0.08
116.500	0.00	0.00	0.014	0				0.08
116.583	0.00	0.00	0.014	0				0.08
116.667	0.00	0.00	0.014	0				0.08
116.750	0.00	0.00	0.014	0				0.08
116.833	0.00	0.00	0.014	0				0.08
116.917	0.00	0.00	0.014	0				0.08
117.000	0.00	0.00	0.014	0				0.08
117.083	0.00	0.00	0.014	0				0.08
117.167	0.00	0.00	0.014	0				0.08
117.250	0.00	0.00	0.014	0				0.08
117.333	0.00	0.00	0.014	0				0.08
117.417	0.00	0.00	0.014	0				0.08
117.500	0.00	0.00	0.014	0				0.08
117.583	0.00	0.00	0.014	0				0.08
117.667	0.00	0.00	0.014	0				0.08
117.750	0.00	0.00	0.014	0				0.08
117.833	0.00	0.00	0.014	0				0.08
117.917	0.00	0.00	0.014	0				0.08
118.000	0.00	0.00	0.014	0				0.08
118.083	0.00	0.00	0.014	0				0.08
118.167	0.00	0.00	0.014	0				0.08
118.250	0.00	0.00	0.014	0				0.08
118.333	0.00	0.00	0.014	0				0.08
118.417	0.00	0.00	0.014	0				0.08
118.500	0.00	0.00	0.014	0				0.08
118.583	0.00	0.00	0.014	0				0.08
118.667	0.00	0.00	0.014	0				0.08

118.750	0.00	0.00	0.014	0				0.08
118.833	0.00	0.00	0.014	0				0.08
118.917	0.00	0.00	0.014	0				0.08
119.000	0.00	0.00	0.014	0				0.08
119.083	0.00	0.00	0.014	0				0.08
119.167	0.00	0.00	0.014	0				0.08
119.250	0.00	0.00	0.014	0				0.08
119.333	0.00	0.00	0.014	0				0.08
119.417	0.00	0.00	0.014	0				0.08
119.500	0.00	0.00	0.014	0				0.08
119.583	0.00	0.00	0.014	0				0.08
119.667	0.00	0.00	0.014	0				0.08
119.750	0.00	0.00	0.013	0				0.07
119.833	0.00	0.00	0.013	0				0.07
119.917	0.00	0.00	0.013	0				0.07
120.000	0.00	0.00	0.013	0				0.07
120.083	0.00	0.00	0.013	0				0.07
120.167	0.00	0.00	0.013	0				0.07
120.250	0.00	0.00	0.013	0				0.07
120.333	0.00	0.00	0.013	0				0.07
120.417	0.00	0.00	0.013	0				0.07
120.500	0.00	0.00	0.013	0				0.07
120.583	0.00	0.00	0.013	0				0.07
120.667	0.00	0.00	0.013	0				0.07
120.750	0.00	0.00	0.013	0				0.07
120.833	0.00	0.00	0.013	0				0.07
120.917	0.00	0.00	0.013	0				0.07
121.000	0.00	0.00	0.013	0				0.07
121.083	0.00	0.00	0.013	0				0.07
121.167	0.00	0.00	0.013	0				0.07
121.250	0.00	0.00	0.013	0				0.07
121.333	0.00	0.00	0.013	0				0.07
121.417	0.00	0.00	0.013	0				0.07
121.500	0.00	0.00	0.013	0				0.07
121.583	0.00	0.00	0.013	0				0.07
121.667	0.00	0.00	0.013	0				0.07
121.750	0.00	0.00	0.013	0				0.07
121.833	0.00	0.00	0.013	0				0.07
121.917	0.00	0.00	0.013	0				0.07
122.000	0.00	0.00	0.013	0				0.07
122.083	0.00	0.00	0.013	0				0.07
122.167	0.00	0.00	0.013	0				0.07
122.250	0.00	0.00	0.013	0				0.07
122.333	0.00	0.00	0.013	0				0.07
122.417	0.00	0.00	0.013	0				0.07
122.500	0.00	0.00	0.013	0				0.07
122.583	0.00	0.00	0.013	0				0.07
122.667	0.00	0.00	0.013	0				0.07
122.750	0.00	0.00	0.013	0				0.07
122.833	0.00	0.00	0.013	0				0.07
122.917	0.00	0.00	0.013	0				0.07
123.000	0.00	0.00	0.013	0				0.07
123.083	0.00	0.00	0.013	0				0.07
123.167	0.00	0.00	0.013	0				0.07
123.250	0.00	0.00	0.013	0				0.07
123.333	0.00	0.00	0.013	0				0.07
123.417	0.00	0.00	0.013	0				0.07
123.500	0.00	0.00	0.013	0				0.07
123.583	0.00	0.00	0.013	0				0.07
123.667	0.00	0.00	0.013	0				0.07
123.750	0.00	0.00	0.013	0				0.07
123.833	0.00	0.00	0.013	0				0.07
123.917	0.00	0.00	0.012	0				0.07
124.000	0.00	0.00	0.012	0				0.07
124.083	0.00	0.00	0.012	0				0.07
124.167	0.00	0.00	0.012	0				0.07
124.250	0.00	0.00	0.012	0				0.07
124.333	0.00	0.00	0.012	0				0.07
124.417	0.00	0.00	0.012	0				0.07
124.500	0.00	0.00	0.012	0				0.07
124.583	0.00	0.00	0.012	0				0.07

124.667	0.00	0.00	0.012	0				0.07
124.750	0.00	0.00	0.012	0				0.07
124.833	0.00	0.00	0.012	0				0.07
124.917	0.00	0.00	0.012	0				0.07
125.000	0.00	0.00	0.012	0				0.07
125.083	0.00	0.00	0.012	0				0.07
125.167	0.00	0.00	0.012	0				0.07
125.250	0.00	0.00	0.012	0				0.07
125.333	0.00	0.00	0.012	0				0.07
125.417	0.00	0.00	0.012	0				0.07
125.500	0.00	0.00	0.012	0				0.07
125.583	0.00	0.00	0.012	0				0.07
125.667	0.00	0.00	0.012	0				0.07
125.750	0.00	0.00	0.012	0				0.07
125.833	0.00	0.00	0.012	0				0.07
125.917	0.00	0.00	0.012	0				0.07
126.000	0.00	0.00	0.012	0				0.07
126.083	0.00	0.00	0.012	0				0.07
126.167	0.00	0.00	0.012	0				0.07
126.250	0.00	0.00	0.012	0				0.07
126.333	0.00	0.00	0.012	0				0.07
126.417	0.00	0.00	0.012	0				0.07
126.500	0.00	0.00	0.012	0				0.07
126.583	0.00	0.00	0.012	0				0.07
126.667	0.00	0.00	0.012	0				0.07
126.750	0.00	0.00	0.012	0				0.07
126.833	0.00	0.00	0.012	0				0.07
126.917	0.00	0.00	0.012	0				0.07
127.000	0.00	0.00	0.012	0				0.07
127.083	0.00	0.00	0.012	0				0.07
127.167	0.00	0.00	0.012	0				0.07
127.250	0.00	0.00	0.012	0				0.07
127.333	0.00	0.00	0.012	0				0.07
127.417	0.00	0.00	0.012	0				0.07
127.500	0.00	0.00	0.012	0				0.07
127.583	0.00	0.00	0.012	0				0.06
127.667	0.00	0.00	0.012	0				0.06
127.750	0.00	0.00	0.012	0				0.06
127.833	0.00	0.00	0.012	0				0.06
127.917	0.00	0.00	0.012	0				0.06
128.000	0.00	0.00	0.012	0				0.06
128.083	0.00	0.00	0.012	0				0.06
128.167	0.00	0.00	0.012	0				0.06
128.250	0.00	0.00	0.012	0				0.06
128.333	0.00	0.00	0.012	0				0.06
128.417	0.00	0.00	0.012	0				0.06
128.500	0.00	0.00	0.011	0				0.06
128.583	0.00	0.00	0.011	0				0.06
128.667	0.00	0.00	0.011	0				0.06
128.750	0.00	0.00	0.011	0				0.06
128.833	0.00	0.00	0.011	0				0.06
128.917	0.00	0.00	0.011	0				0.06
129.000	0.00	0.00	0.011	0				0.06
129.083	0.00	0.00	0.011	0				0.06
129.167	0.00	0.00	0.011	0				0.06
129.250	0.00	0.00	0.011	0				0.06
129.333	0.00	0.00	0.011	0				0.06
129.417	0.00	0.00	0.011	0				0.06
129.500	0.00	0.00	0.011	0				0.06
129.583	0.00	0.00	0.011	0				0.06
129.667	0.00	0.00	0.011	0				0.06
129.750	0.00	0.00	0.011	0				0.06
129.833	0.00	0.00	0.011	0				0.06
129.917	0.00	0.00	0.011	0				0.06
130.000	0.00	0.00	0.011	0				0.06
130.083	0.00	0.00	0.011	0				0.06
130.167	0.00	0.00	0.011	0				0.06
130.250	0.00	0.00	0.011	0				0.06
130.333	0.00	0.00	0.011	0				0.06
130.417	0.00	0.00	0.011	0				0.06
130.500	0.00	0.00	0.011	0				0.06

130.583	0.00	0.00	0.011	0				0.06
130.667	0.00	0.00	0.011	0				0.06
130.750	0.00	0.00	0.011	0				0.06
130.833	0.00	0.00	0.011	0				0.06
130.917	0.00	0.00	0.011	0				0.06
131.000	0.00	0.00	0.011	0				0.06
131.083	0.00	0.00	0.011	0				0.06
131.167	0.00	0.00	0.011	0				0.06
131.250	0.00	0.00	0.011	0				0.06
131.333	0.00	0.00	0.011	0				0.06
131.417	0.00	0.00	0.011	0				0.06
131.500	0.00	0.00	0.011	0				0.06
131.583	0.00	0.00	0.011	0				0.06
131.667	0.00	0.00	0.011	0				0.06
131.750	0.00	0.00	0.011	0				0.06
131.833	0.00	0.00	0.011	0				0.06
131.917	0.00	0.00	0.011	0				0.06
132.000	0.00	0.00	0.011	0				0.06
132.083	0.00	0.00	0.011	0				0.06
132.167	0.00	0.00	0.011	0				0.06
132.250	0.00	0.00	0.011	0				0.06
132.333	0.00	0.00	0.011	0				0.06
132.417	0.00	0.00	0.011	0				0.06
132.500	0.00	0.00	0.011	0				0.06
132.583	0.00	0.00	0.011	0				0.06
132.667	0.00	0.00	0.011	0				0.06
132.750	0.00	0.00	0.011	0				0.06
132.833	0.00	0.00	0.011	0				0.06
132.917	0.00	0.00	0.011	0				0.06
133.000	0.00	0.00	0.011	0				0.06
133.083	0.00	0.00	0.011	0				0.06
133.167	0.00	0.00	0.011	0				0.06
133.250	0.00	0.00	0.011	0				0.06
133.333	0.00	0.00	0.011	0				0.06
133.417	0.00	0.00	0.010	0				0.06
133.500	0.00	0.00	0.010	0				0.06
133.583	0.00	0.00	0.010	0				0.06
133.667	0.00	0.00	0.010	0				0.06
133.750	0.00	0.00	0.010	0				0.06
133.833	0.00	0.00	0.010	0				0.06
133.917	0.00	0.00	0.010	0				0.06
134.000	0.00	0.00	0.010	0				0.06
134.083	0.00	0.00	0.010	0				0.06
134.167	0.00	0.00	0.010	0				0.06
134.250	0.00	0.00	0.010	0				0.06
134.333	0.00	0.00	0.010	0				0.06
134.417	0.00	0.00	0.010	0				0.06
134.500	0.00	0.00	0.010	0				0.06
134.583	0.00	0.00	0.010	0				0.06
134.667	0.00	0.00	0.010	0				0.06
134.750	0.00	0.00	0.010	0				0.06
134.833	0.00	0.00	0.010	0				0.06
134.917	0.00	0.00	0.010	0				0.06
135.000	0.00	0.00	0.010	0				0.06
135.083	0.00	0.00	0.010	0				0.06
135.167	0.00	0.00	0.010	0				0.06
135.250	0.00	0.00	0.010	0				0.06
135.333	0.00	0.00	0.010	0				0.06
135.417	0.00	0.00	0.010	0				0.06
135.500	0.00	0.00	0.010	0				0.06
135.583	0.00	0.00	0.010	0				0.06
135.667	0.00	0.00	0.010	0				0.06
135.750	0.00	0.00	0.010	0				0.06
135.833	0.00	0.00	0.010	0				0.06
135.917	0.00	0.00	0.010	0				0.06
136.000	0.00	0.00	0.010	0				0.06
136.083	0.00	0.00	0.010	0				0.06
136.167	0.00	0.00	0.010	0				0.06
136.250	0.00	0.00	0.010	0				0.06
136.333	0.00	0.00	0.010	0				0.06
136.417	0.00	0.00	0.010	0				0.06

136.500	0.00	0.00	0.010	0				0.06
136.583	0.00	0.00	0.010	0				0.06
136.667	0.00	0.00	0.010	0				0.05
136.750	0.00	0.00	0.010	0				0.05
136.833	0.00	0.00	0.010	0				0.05
136.917	0.00	0.00	0.010	0				0.05
137.000	0.00	0.00	0.010	0				0.05
137.083	0.00	0.00	0.010	0				0.05
137.167	0.00	0.00	0.010	0				0.05
137.250	0.00	0.00	0.010	0				0.05
137.333	0.00	0.00	0.010	0				0.05
137.417	0.00	0.00	0.010	0				0.05
137.500	0.00	0.00	0.010	0				0.05
137.583	0.00	0.00	0.010	0				0.05
137.667	0.00	0.00	0.010	0				0.05
137.750	0.00	0.00	0.010	0				0.05
137.833	0.00	0.00	0.010	0				0.05
137.917	0.00	0.00	0.010	0				0.05
138.000	0.00	0.00	0.010	0				0.05
138.083	0.00	0.00	0.010	0				0.05
138.167	0.00	0.00	0.010	0				0.05
138.250	0.00	0.00	0.010	0				0.05
138.333	0.00	0.00	0.010	0				0.05
138.417	0.00	0.00	0.010	0				0.05
138.500	0.00	0.00	0.010	0				0.05
138.583	0.00	0.00	0.010	0				0.05
138.667	0.00	0.00	0.010	0				0.05
138.750	0.00	0.00	0.010	0				0.05
138.833	0.00	0.00	0.010	0				0.05
138.917	0.00	0.00	0.009	0				0.05
139.000	0.00	0.00	0.009	0				0.05
139.083	0.00	0.00	0.009	0				0.05
139.167	0.00	0.00	0.009	0				0.05
139.250	0.00	0.00	0.009	0				0.05
139.333	0.00	0.00	0.009	0				0.05
139.417	0.00	0.00	0.009	0				0.05
139.500	0.00	0.00	0.009	0				0.05
139.583	0.00	0.00	0.009	0				0.05
139.667	0.00	0.00	0.009	0				0.05
139.750	0.00	0.00	0.009	0				0.05
139.833	0.00	0.00	0.009	0				0.05
139.917	0.00	0.00	0.009	0				0.05
140.000	0.00	0.00	0.009	0				0.05
140.083	0.00	0.00	0.009	0				0.05
140.167	0.00	0.00	0.009	0				0.05
140.250	0.00	0.00	0.009	0				0.05
140.333	0.00	0.00	0.009	0				0.05
140.417	0.00	0.00	0.009	0				0.05
140.500	0.00	0.00	0.009	0				0.05
140.583	0.00	0.00	0.009	0				0.05
140.667	0.00	0.00	0.009	0				0.05
140.750	0.00	0.00	0.009	0				0.05
140.833	0.00	0.00	0.009	0				0.05
140.917	0.00	0.00	0.009	0				0.05
141.000	0.00	0.00	0.009	0				0.05
141.083	0.00	0.00	0.009	0				0.05
141.167	0.00	0.00	0.009	0				0.05
141.250	0.00	0.00	0.009	0				0.05
141.333	0.00	0.00	0.009	0				0.05
141.417	0.00	0.00	0.009	0				0.05
141.500	0.00	0.00	0.009	0				0.05
141.583	0.00	0.00	0.009	0				0.05
141.667	0.00	0.00	0.009	0				0.05
141.750	0.00	0.00	0.009	0				0.05
141.833	0.00	0.00	0.009	0				0.05
141.917	0.00	0.00	0.009	0				0.05
142.000	0.00	0.00	0.009	0				0.05
142.083	0.00	0.00	0.009	0				0.05
142.167	0.00	0.00	0.009	0				0.05
142.250	0.00	0.00	0.009	0				0.05
142.333	0.00	0.00	0.009	0				0.05

142.417	0.00	0.00	0.009	0					0.05
142.500	0.00	0.00	0.009	0					0.05
142.583	0.00	0.00	0.009	0					0.05
142.667	0.00	0.00	0.009	0					0.05
142.750	0.00	0.00	0.009	0					0.05
142.833	0.00	0.00	0.009	0					0.05
142.917	0.00	0.00	0.009	0					0.05
143.000	0.00	0.00	0.009	0					0.05
143.083	0.00	0.00	0.009	0					0.05
143.167	0.00	0.00	0.009	0					0.05
143.250	0.00	0.00	0.009	0					0.05
143.333	0.00	0.00	0.009	0					0.05
143.417	0.00	0.00	0.009	0					0.05
143.500	0.00	0.00	0.009	0					0.05
143.583	0.00	0.00	0.009	0					0.05
143.667	0.00	0.00	0.009	0					0.05
143.750	0.00	0.00	0.009	0					0.05
143.833	0.00	0.00	0.009	0					0.05
143.917	0.00	0.00	0.009	0					0.05
144.000	0.00	0.00	0.009	0					0.05
144.083	0.00	0.00	0.009	0					0.05
144.167	0.00	0.00	0.009	0					0.05
144.250	0.00	0.00	0.009	0					0.05
144.333	0.00	0.00	0.009	0					0.05
144.417	0.00	0.00	0.009	0					0.05
144.500	0.00	0.00	0.009	0					0.05
144.583	0.00	0.00	0.009	0					0.05
144.667	0.00	0.00	0.009	0					0.05
144.750	0.00	0.00	0.009	0					0.05
144.833	0.00	0.00	0.009	0					0.05
144.917	0.00	0.00	0.008	0					0.05
145.000	0.00	0.00	0.008	0					0.05
145.083	0.00	0.00	0.008	0					0.05
145.167	0.00	0.00	0.008	0					0.05
145.250	0.00	0.00	0.008	0					0.05
145.333	0.00	0.00	0.008	0					0.05
145.417	0.00	0.00	0.008	0					0.05
145.500	0.00	0.00	0.008	0					0.05
145.583	0.00	0.00	0.008	0					0.05
145.667	0.00	0.00	0.008	0					0.05
145.750	0.00	0.00	0.008	0					0.05
145.833	0.00	0.00	0.008	0					0.05
145.917	0.00	0.00	0.008	0					0.05
146.000	0.00	0.00	0.008	0					0.05
146.083	0.00	0.00	0.008	0					0.05
146.167	0.00	0.00	0.008	0					0.05
146.250	0.00	0.00	0.008	0					0.05
146.333	0.00	0.00	0.008	0					0.05
146.417	0.00	0.00	0.008	0					0.05
146.500	0.00	0.00	0.008	0					0.05
146.583	0.00	0.00	0.008	0					0.05
146.667	0.00	0.00	0.008	0					0.05
146.750	0.00	0.00	0.008	0					0.05
146.833	0.00	0.00	0.008	0					0.05
146.917	0.00	0.00	0.008	0					0.05
147.000	0.00	0.00	0.008	0					0.05
147.083	0.00	0.00	0.008	0					0.05
147.167	0.00	0.00	0.008	0					0.05
147.250	0.00	0.00	0.008	0					0.05
147.333	0.00	0.00	0.008	0					0.05
147.417	0.00	0.00	0.008	0					0.05
147.500	0.00	0.00	0.008	0					0.05
147.583	0.00	0.00	0.008	0					0.04
147.667	0.00	0.00	0.008	0					0.04
147.750	0.00	0.00	0.008	0					0.04
147.833	0.00	0.00	0.008	0					0.04
147.917	0.00	0.00	0.008	0					0.04
148.000	0.00	0.00	0.008	0					0.04
148.083	0.00	0.00	0.008	0					0.04
148.167	0.00	0.00	0.008	0					0.04
148.250	0.00	0.00	0.008	0					0.04

148.333	0.00	0.00	0.008	0				0.04
148.417	0.00	0.00	0.008	0				0.04
148.500	0.00	0.00	0.008	0				0.04
148.583	0.00	0.00	0.008	0				0.04
148.667	0.00	0.00	0.008	0				0.04
148.750	0.00	0.00	0.008	0				0.04
148.833	0.00	0.00	0.008	0				0.04
148.917	0.00	0.00	0.008	0				0.04
149.000	0.00	0.00	0.008	0				0.04
149.083	0.00	0.00	0.008	0				0.04
149.167	0.00	0.00	0.008	0				0.04
149.250	0.00	0.00	0.008	0				0.04
149.333	0.00	0.00	0.008	0				0.04
149.417	0.00	0.00	0.008	0				0.04
149.500	0.00	0.00	0.008	0				0.04
149.583	0.00	0.00	0.008	0				0.04
149.667	0.00	0.00	0.008	0				0.04
149.750	0.00	0.00	0.008	0				0.04
149.833	0.00	0.00	0.008	0				0.04
149.917	0.00	0.00	0.008	0				0.04
150.000	0.00	0.00	0.008	0				0.04
150.083	0.00	0.00	0.008	0				0.04
150.167	0.00	0.00	0.008	0				0.04
150.250	0.00	0.00	0.008	0				0.04
150.333	0.00	0.00	0.008	0				0.04
150.417	0.00	0.00	0.008	0				0.04
150.500	0.00	0.00	0.008	0				0.04
150.583	0.00	0.00	0.008	0				0.04
150.667	0.00	0.00	0.008	0				0.04
150.750	0.00	0.00	0.008	0				0.04
150.833	0.00	0.00	0.008	0				0.04
150.917	0.00	0.00	0.008	0				0.04
151.000	0.00	0.00	0.008	0				0.04
151.083	0.00	0.00	0.008	0				0.04
151.167	0.00	0.00	0.008	0				0.04
151.250	0.00	0.00	0.008	0				0.04
151.333	0.00	0.00	0.008	0				0.04
151.417	0.00	0.00	0.008	0				0.04
151.500	0.00	0.00	0.008	0				0.04
151.583	0.00	0.00	0.008	0				0.04
151.667	0.00	0.00	0.008	0				0.04
151.750	0.00	0.00	0.007	0				0.04
151.833	0.00	0.00	0.007	0				0.04
151.917	0.00	0.00	0.007	0				0.04
152.000	0.00	0.00	0.007	0				0.04
152.083	0.00	0.00	0.007	0				0.04
152.167	0.00	0.00	0.007	0				0.04
152.250	0.00	0.00	0.007	0				0.04
152.333	0.00	0.00	0.007	0				0.04
152.417	0.00	0.00	0.007	0				0.04
152.500	0.00	0.00	0.007	0				0.04
152.583	0.00	0.00	0.007	0				0.04
152.667	0.00	0.00	0.007	0				0.04
152.750	0.00	0.00	0.007	0				0.04
152.833	0.00	0.00	0.007	0				0.04
152.917	0.00	0.00	0.007	0				0.04
153.000	0.00	0.00	0.007	0				0.04
153.083	0.00	0.00	0.007	0				0.04
153.167	0.00	0.00	0.007	0				0.04
153.250	0.00	0.00	0.007	0				0.04
153.333	0.00	0.00	0.007	0				0.04
153.417	0.00	0.00	0.007	0				0.04
153.500	0.00	0.00	0.007	0				0.04
153.583	0.00	0.00	0.007	0				0.04
153.667	0.00	0.00	0.007	0				0.04
153.750	0.00	0.00	0.007	0				0.04
153.833	0.00	0.00	0.007	0				0.04
153.917	0.00	0.00	0.007	0				0.04
154.000	0.00	0.00	0.007	0				0.04
154.083	0.00	0.00	0.007	0				0.04
154.167	0.00	0.00	0.007	0				0.04

154.250	0.00	0.00	0.007	0					0.04
154.333	0.00	0.00	0.007	0					0.04
154.417	0.00	0.00	0.007	0					0.04
154.500	0.00	0.00	0.007	0					0.04
154.583	0.00	0.00	0.007	0					0.04
154.667	0.00	0.00	0.007	0					0.04
154.750	0.00	0.00	0.007	0					0.04
154.833	0.00	0.00	0.007	0					0.04
154.917	0.00	0.00	0.007	0					0.04
155.000	0.00	0.00	0.007	0					0.04
155.083	0.00	0.00	0.007	0					0.04
155.167	0.00	0.00	0.007	0					0.04
155.250	0.00	0.00	0.007	0					0.04
155.333	0.00	0.00	0.007	0					0.04
155.417	0.00	0.00	0.007	0					0.04
155.500	0.00	0.00	0.007	0					0.04
155.583	0.00	0.00	0.007	0					0.04
155.667	0.00	0.00	0.007	0					0.04
155.750	0.00	0.00	0.007	0					0.04
155.833	0.00	0.00	0.007	0					0.04
155.917	0.00	0.00	0.007	0					0.04
156.000	0.00	0.00	0.007	0					0.04
156.083	0.00	0.00	0.007	0					0.04
156.167	0.00	0.00	0.007	0					0.04
156.250	0.00	0.00	0.007	0					0.04
156.333	0.00	0.00	0.007	0					0.04
156.417	0.00	0.00	0.007	0					0.04
156.500	0.00	0.00	0.007	0					0.04
156.583	0.00	0.00	0.007	0					0.04
156.667	0.00	0.00	0.007	0					0.04
156.750	0.00	0.00	0.007	0					0.04
156.833	0.00	0.00	0.007	0					0.04
156.917	0.00	0.00	0.007	0					0.04
157.000	0.00	0.00	0.007	0					0.04
157.083	0.00	0.00	0.007	0					0.04
157.167	0.00	0.00	0.007	0					0.04
157.250	0.00	0.00	0.007	0					0.04
157.333	0.00	0.00	0.007	0					0.04
157.417	0.00	0.00	0.007	0					0.04
157.500	0.00	0.00	0.007	0					0.04
157.583	0.00	0.00	0.007	0					0.04
157.667	0.00	0.00	0.007	0					0.04
157.750	0.00	0.00	0.007	0					0.04
157.833	0.00	0.00	0.007	0					0.04
157.917	0.00	0.00	0.007	0					0.04
158.000	0.00	0.00	0.007	0					0.04
158.083	0.00	0.00	0.007	0					0.04
158.167	0.00	0.00	0.007	0					0.04
158.250	0.00	0.00	0.007	0					0.04
158.333	0.00	0.00	0.007	0					0.04
158.417	0.00	0.00	0.007	0					0.04
158.500	0.00	0.00	0.007	0					0.04
158.583	0.00	0.00	0.007	0					0.04
158.667	0.00	0.00	0.007	0					0.04
158.750	0.00	0.00	0.007	0					0.04
158.833	0.00	0.00	0.007	0					0.04
158.917	0.00	0.00	0.007	0					0.04
159.000	0.00	0.00	0.007	0					0.04
159.083	0.00	0.00	0.007	0					0.04
159.167	0.00	0.00	0.007	0					0.04
159.250	0.00	0.00	0.007	0					0.04
159.333	0.00	0.00	0.007	0					0.04
159.417	0.00	0.00	0.007	0					0.04
159.500	0.00	0.00	0.007	0					0.04
159.583	0.00	0.00	0.006	0					0.04
159.667	0.00	0.00	0.006	0					0.04
159.750	0.00	0.00	0.006	0					0.04
159.833	0.00	0.00	0.006	0					0.04
159.917	0.00	0.00	0.006	0					0.04
160.000	0.00	0.00	0.006	0					0.04
160.083	0.00	0.00	0.006	0					0.04

160.167	0.00	0.00	0.006	0				0.04
160.250	0.00	0.00	0.006	0				0.04
160.333	0.00	0.00	0.006	0				0.04
160.417	0.00	0.00	0.006	0				0.04
160.500	0.00	0.00	0.006	0				0.04
160.583	0.00	0.00	0.006	0				0.04
160.667	0.00	0.00	0.006	0				0.04
160.750	0.00	0.00	0.006	0				0.04
160.833	0.00	0.00	0.006	0				0.04
160.917	0.00	0.00	0.006	0				0.04
161.000	0.00	0.00	0.006	0				0.04
161.083	0.00	0.00	0.006	0				0.04
161.167	0.00	0.00	0.006	0				0.04
161.250	0.00	0.00	0.006	0				0.03
161.333	0.00	0.00	0.006	0				0.03
161.417	0.00	0.00	0.006	0				0.03
161.500	0.00	0.00	0.006	0				0.03
161.583	0.00	0.00	0.006	0				0.03
161.667	0.00	0.00	0.006	0				0.03
161.750	0.00	0.00	0.006	0				0.03
161.833	0.00	0.00	0.006	0				0.03
161.917	0.00	0.00	0.006	0				0.03
162.000	0.00	0.00	0.006	0				0.03
162.083	0.00	0.00	0.006	0				0.03
162.167	0.00	0.00	0.006	0				0.03
162.250	0.00	0.00	0.006	0				0.03
162.333	0.00	0.00	0.006	0				0.03
162.417	0.00	0.00	0.006	0				0.03
162.500	0.00	0.00	0.006	0				0.03
162.583	0.00	0.00	0.006	0				0.03
162.667	0.00	0.00	0.006	0				0.03
162.750	0.00	0.00	0.006	0				0.03
162.833	0.00	0.00	0.006	0				0.03
162.917	0.00	0.00	0.006	0				0.03
163.000	0.00	0.00	0.006	0				0.03
163.083	0.00	0.00	0.006	0				0.03
163.167	0.00	0.00	0.006	0				0.03
163.250	0.00	0.00	0.006	0				0.03
163.333	0.00	0.00	0.006	0				0.03
163.417	0.00	0.00	0.006	0				0.03
163.500	0.00	0.00	0.006	0				0.03
163.583	0.00	0.00	0.006	0				0.03
163.667	0.00	0.00	0.006	0				0.03
163.750	0.00	0.00	0.006	0				0.03
163.833	0.00	0.00	0.006	0				0.03
163.917	0.00	0.00	0.006	0				0.03
164.000	0.00	0.00	0.006	0				0.03
164.083	0.00	0.00	0.006	0				0.03
164.167	0.00	0.00	0.006	0				0.03
164.250	0.00	0.00	0.006	0				0.03
164.333	0.00	0.00	0.006	0				0.03
164.417	0.00	0.00	0.006	0				0.03
164.500	0.00	0.00	0.006	0				0.03
164.583	0.00	0.00	0.006	0				0.03
164.667	0.00	0.00	0.006	0				0.03
164.750	0.00	0.00	0.006	0				0.03
164.833	0.00	0.00	0.006	0				0.03
164.917	0.00	0.00	0.006	0				0.03
165.000	0.00	0.00	0.006	0				0.03
165.083	0.00	0.00	0.006	0				0.03
165.167	0.00	0.00	0.006	0				0.03
165.250	0.00	0.00	0.006	0				0.03
165.333	0.00	0.00	0.006	0				0.03
165.417	0.00	0.00	0.006	0				0.03
165.500	0.00	0.00	0.006	0				0.03
165.583	0.00	0.00	0.006	0				0.03
165.667	0.00	0.00	0.006	0				0.03
165.750	0.00	0.00	0.006	0				0.03
165.833	0.00	0.00	0.006	0				0.03
165.917	0.00	0.00	0.006	0				0.03
166.000	0.00	0.00	0.006	0				0.03

172.000	0.00	0.00	0.005	0				0.03
172.083	0.00	0.00	0.005	0				0.03
172.167	0.00	0.00	0.005	0				0.03
172.250	0.00	0.00	0.005	0				0.03
172.333	0.00	0.00	0.005	0				0.03
172.417	0.00	0.00	0.005	0				0.03
172.500	0.00	0.00	0.005	0				0.03
172.583	0.00	0.00	0.005	0				0.03
172.667	0.00	0.00	0.005	0				0.03
172.750	0.00	0.00	0.005	0				0.03
172.833	0.00	0.00	0.005	0				0.03
172.917	0.00	0.00	0.005	0				0.03
173.000	0.00	0.00	0.005	0				0.03
173.083	0.00	0.00	0.005	0				0.03
173.167	0.00	0.00	0.005	0				0.03
173.250	0.00	0.00	0.005	0				0.03
173.333	0.00	0.00	0.005	0				0.03
173.417	0.00	0.00	0.005	0				0.03
173.500	0.00	0.00	0.005	0				0.03
173.583	0.00	0.00	0.005	0				0.03
173.667	0.00	0.00	0.005	0				0.03
173.750	0.00	0.00	0.005	0				0.03
173.833	0.00	0.00	0.005	0				0.03
173.917	0.00	0.00	0.005	0				0.03
174.000	0.00	0.00	0.005	0				0.03
174.083	0.00	0.00	0.005	0				0.03
174.167	0.00	0.00	0.005	0				0.03
174.250	0.00	0.00	0.005	0				0.03
174.333	0.00	0.00	0.005	0				0.03
174.417	0.00	0.00	0.005	0				0.03
174.500	0.00	0.00	0.005	0				0.03
174.583	0.00	0.00	0.005	0				0.03
174.667	0.00	0.00	0.005	0				0.03
174.750	0.00	0.00	0.005	0				0.03
174.833	0.00	0.00	0.005	0				0.03
174.917	0.00	0.00	0.005	0				0.03
175.000	0.00	0.00	0.005	0				0.03
175.083	0.00	0.00	0.005	0				0.03
175.167	0.00	0.00	0.005	0				0.03
175.250	0.00	0.00	0.005	0				0.03
175.333	0.00	0.00	0.005	0				0.03
175.417	0.00	0.00	0.005	0				0.03
175.500	0.00	0.00	0.005	0				0.03
175.583	0.00	0.00	0.005	0				0.03
175.667	0.00	0.00	0.005	0				0.03
175.750	0.00	0.00	0.005	0				0.03
175.833	0.00	0.00	0.005	0				0.03
175.917	0.00	0.00	0.005	0				0.03
176.000	0.00	0.00	0.005	0				0.03
176.083	0.00	0.00	0.005	0				0.03
176.167	0.00	0.00	0.005	0				0.03
176.250	0.00	0.00	0.005	0				0.03
176.333	0.00	0.00	0.005	0				0.03
176.417	0.00	0.00	0.005	0				0.03
176.500	0.00	0.00	0.005	0				0.03
176.583	0.00	0.00	0.005	0				0.03
176.667	0.00	0.00	0.005	0				0.03
176.750	0.00	0.00	0.005	0				0.03
176.833	0.00	0.00	0.005	0				0.03
176.917	0.00	0.00	0.005	0				0.03
177.000	0.00	0.00	0.005	0				0.03
177.083	0.00	0.00	0.005	0				0.03
177.167	0.00	0.00	0.005	0				0.03
177.250	0.00	0.00	0.005	0				0.03
177.333	0.00	0.00	0.005	0				0.03
177.417	0.00	0.00	0.005	0				0.03
177.500	0.00	0.00	0.005	0				0.03
177.583	0.00	0.00	0.005	0				0.03
177.667	0.00	0.00	0.005	0				0.03
177.750	0.00	0.00	0.005	0				0.03
177.833	0.00	0.00	0.005	0				0.03

177.917	0.00	0.00	0.005	0					0.03
178.000	0.00	0.00	0.005	0					0.03
178.083	0.00	0.00	0.005	0					0.03
178.167	0.00	0.00	0.005	0					0.03
178.250	0.00	0.00	0.005	0					0.03
178.333	0.00	0.00	0.005	0					0.03
178.417	0.00	0.00	0.005	0					0.03
178.500	0.00	0.00	0.005	0					0.03
178.583	0.00	0.00	0.005	0					0.03
178.667	0.00	0.00	0.005	0					0.03
178.750	0.00	0.00	0.005	0					0.03
178.833	0.00	0.00	0.005	0					0.03
178.917	0.00	0.00	0.005	0					0.03
179.000	0.00	0.00	0.005	0					0.03
179.083	0.00	0.00	0.005	0					0.03
179.167	0.00	0.00	0.005	0					0.03
179.250	0.00	0.00	0.005	0					0.03
179.333	0.00	0.00	0.005	0					0.03
179.417	0.00	0.00	0.005	0					0.03
179.500	0.00	0.00	0.005	0					0.03
179.583	0.00	0.00	0.004	0					0.02

*****HYDROGRAPH DATA*****

Number of intervals = 2155
 Time interval = 5.0 (Min.)
 Maximum/Peak flow rate = 0.018 (CFS)
 Total volume = 0.099 (Ac.Ft)
 Status of hydrographs being held in storage
 Stream 1 Stream 2 Stream 3 Stream 4 Stream 5
 Peak (CFS) 0.000 0.000 0.000 0.000 0.000
 Vol (Ac.Ft) 0.000 0.000 0.000 0.000 0.000

MENIFEE STAXUP STORAGE EXTENSION
 PRELIMINARY DRAINAGE STUDY
 BASIN A ROUTING MODEL
 100-YEAR; 1-HOUR

Program License Serial Number 6545

***** HYDROGRAPH INFORMATION *****

From study/file name: D11100.rte
 *****HYDROGRAPH DATA*****
 Number of intervals = 13
 Time interval = 5.0 (Min.)
 Maximum/Peak flow rate = 3.193 (CFS)
 Total volume = 0.082 (Ac.Ft)
 Status of hydrographs being held in storage
 Stream 1 Stream 2 Stream 3 Stream 4 Stream 5
 Peak (CFS) 0.000 0.000 0.000 0.000 0.000
 Vol (Ac.Ft) 0.000 0.000 0.000 0.000 0.000

+++++
 Process from Point/Station 1.000 to Point/Station 2.000
 **** RETARDING BASIN ROUTING ****

User entry of depth-outflow-storage data

Total number of inflow hydrograph intervals = 13
 Hydrograph time unit = 5.000 (Min.)
 Initial depth in storage basin = 0.16(Ft.)

Initial basin depth = 0.16 (Ft.)
 Initial basin storage = 0.03 (Ac.Ft)
 Initial basin outflow = 0.01 (CFS)

Depth vs. Storage and Depth vs. Discharge data:

Basin Depth (Ft.)	Storage (Ac.Ft)	Outflow (CFS)	(S-O*dt/2) (Ac.Ft)	(S+O*dt/2) (Ac.Ft)
0.000	0.000	0.000	0.000	0.000
0.500	0.090	0.020	0.090	0.090
1.000	0.139	7.420	0.113	0.165

Hydrograph Detention Basin Routing

Graph values: 'I'= unit inflow; 'O'=outflow at time shown

Time (Hours)	Inflow (CFS)	Outflow (CFS)	Storage (Ac.Ft)	Depth (Ft.)
0.083	0.23	0.01	0.030	0.16
0.167	0.45	0.01	0.032	0.18
0.250	0.51	0.01	0.035	0.20
0.333	0.55	0.01	0.039	0.21

0.417	0.63	0.01	0.043	O	I					0.24
0.500	0.67	0.01	0.047	O	I					0.26
0.583	0.78	0.01	0.052	O	I					0.29
0.667	0.98	0.01	0.058	O		I				0.32
0.750	1.47	0.01	0.066	O			I			0.37
0.833	3.19	0.02	0.082	O					I	0.46
0.917	1.82	0.95	0.096			O		I		0.56
1.000	0.57	1.11	0.097		I		O			0.57
1.083	0.13	0.59	0.094		O					0.54
1.167	0.00	0.23	0.091	I	O					0.51
1.250	0.00	0.07	0.090	O						0.50
1.333	0.00	0.02	0.090	O						0.50
1.417	0.00	0.02	0.090	O						0.50
1.500	0.00	0.02	0.090	O						0.50
1.583	0.00	0.02	0.090	O						0.50
1.667	0.00	0.02	0.089	O						0.50
1.750	0.00	0.02	0.089	O						0.50
1.833	0.00	0.02	0.089	O						0.50
1.917	0.00	0.02	0.089	O						0.49
2.000	0.00	0.02	0.089	O						0.49
2.083	0.00	0.02	0.089	O						0.49
2.167	0.00	0.02	0.089	O						0.49
2.250	0.00	0.02	0.089	O						0.49
2.333	0.00	0.02	0.088	O						0.49
2.417	0.00	0.02	0.088	O						0.49
2.500	0.00	0.02	0.088	O						0.49
2.583	0.00	0.02	0.088	O						0.49
2.667	0.00	0.02	0.088	O						0.49
2.750	0.00	0.02	0.088	O						0.49
2.833	0.00	0.02	0.088	O						0.49
2.917	0.00	0.02	0.087	O						0.49
3.000	0.00	0.02	0.087	O						0.48
3.083	0.00	0.02	0.087	O						0.48
3.167	0.00	0.02	0.087	O						0.48
3.250	0.00	0.02	0.087	O						0.48
3.333	0.00	0.02	0.087	O						0.48
3.417	0.00	0.02	0.087	O						0.48
3.500	0.00	0.02	0.086	O						0.48
3.583	0.00	0.02	0.086	O						0.48
3.667	0.00	0.02	0.086	O						0.48
3.750	0.00	0.02	0.086	O						0.48
3.833	0.00	0.02	0.086	O						0.48
3.917	0.00	0.02	0.086	O						0.48
4.000	0.00	0.02	0.086	O						0.48
4.083	0.00	0.02	0.086	O						0.48
4.167	0.00	0.02	0.085	O						0.47
4.250	0.00	0.02	0.085	O						0.47
4.333	0.00	0.02	0.085	O						0.47
4.417	0.00	0.02	0.085	O						0.47
4.500	0.00	0.02	0.085	O						0.47
4.583	0.00	0.02	0.085	O						0.47
4.667	0.00	0.02	0.085	O						0.47
4.750	0.00	0.02	0.085	O						0.47
4.833	0.00	0.02	0.084	O						0.47
4.917	0.00	0.02	0.084	O						0.47
5.000	0.00	0.02	0.084	O						0.47
5.083	0.00	0.02	0.084	O						0.47
5.167	0.00	0.02	0.084	O						0.47
5.250	0.00	0.02	0.084	O						0.47
5.333	0.00	0.02	0.084	O						0.46
5.417	0.00	0.02	0.084	O						0.46
5.500	0.00	0.02	0.083	O						0.46
5.583	0.00	0.02	0.083	O						0.46
5.667	0.00	0.02	0.083	O						0.46
5.750	0.00	0.02	0.083	O						0.46
5.833	0.00	0.02	0.083	O						0.46
5.917	0.00	0.02	0.083	O						0.46
6.000	0.00	0.02	0.083	O						0.46
6.083	0.00	0.02	0.082	O						0.46
6.167	0.00	0.02	0.082	O						0.46
6.250	0.00	0.02	0.082	O						0.46

6.333	0.00	0.02	0.082	0				0.46
6.417	0.00	0.02	0.082	0				0.46
6.500	0.00	0.02	0.082	0				0.45
6.583	0.00	0.02	0.082	0				0.45
6.667	0.00	0.02	0.082	0				0.45
6.750	0.00	0.02	0.081	0				0.45
6.833	0.00	0.02	0.081	0				0.45
6.917	0.00	0.02	0.081	0				0.45
7.000	0.00	0.02	0.081	0				0.45
7.083	0.00	0.02	0.081	0				0.45
7.167	0.00	0.02	0.081	0				0.45
7.250	0.00	0.02	0.081	0				0.45
7.333	0.00	0.02	0.081	0				0.45
7.417	0.00	0.02	0.080	0				0.45
7.500	0.00	0.02	0.080	0				0.45
7.583	0.00	0.02	0.080	0				0.45
7.667	0.00	0.02	0.080	0				0.45
7.750	0.00	0.02	0.080	0				0.44
7.833	0.00	0.02	0.080	0				0.44
7.917	0.00	0.02	0.080	0				0.44
8.000	0.00	0.02	0.080	0				0.44
8.083	0.00	0.02	0.080	0				0.44
8.167	0.00	0.02	0.079	0				0.44
8.250	0.00	0.02	0.079	0				0.44
8.333	0.00	0.02	0.079	0				0.44
8.417	0.00	0.02	0.079	0				0.44
8.500	0.00	0.02	0.079	0				0.44
8.583	0.00	0.02	0.079	0				0.44
8.667	0.00	0.02	0.079	0				0.44
8.750	0.00	0.02	0.079	0				0.44
8.833	0.00	0.02	0.078	0				0.44
8.917	0.00	0.02	0.078	0				0.44
9.000	0.00	0.02	0.078	0				0.43
9.083	0.00	0.02	0.078	0				0.43
9.167	0.00	0.02	0.078	0				0.43
9.250	0.00	0.02	0.078	0				0.43
9.333	0.00	0.02	0.078	0				0.43
9.417	0.00	0.02	0.078	0				0.43
9.500	0.00	0.02	0.077	0				0.43
9.583	0.00	0.02	0.077	0				0.43
9.667	0.00	0.02	0.077	0				0.43
9.750	0.00	0.02	0.077	0				0.43
9.833	0.00	0.02	0.077	0				0.43
9.917	0.00	0.02	0.077	0				0.43
10.000	0.00	0.02	0.077	0				0.43
10.083	0.00	0.02	0.077	0				0.43
10.167	0.00	0.02	0.077	0				0.43
10.250	0.00	0.02	0.076	0				0.42
10.333	0.00	0.02	0.076	0				0.42
10.417	0.00	0.02	0.076	0				0.42
10.500	0.00	0.02	0.076	0				0.42
10.583	0.00	0.02	0.076	0				0.42
10.667	0.00	0.02	0.076	0				0.42
10.750	0.00	0.02	0.076	0				0.42
10.833	0.00	0.02	0.076	0				0.42
10.917	0.00	0.02	0.075	0				0.42
11.000	0.00	0.02	0.075	0				0.42
11.083	0.00	0.02	0.075	0				0.42
11.167	0.00	0.02	0.075	0				0.42
11.250	0.00	0.02	0.075	0				0.42
11.333	0.00	0.02	0.075	0				0.42
11.417	0.00	0.02	0.075	0				0.42
11.500	0.00	0.02	0.075	0				0.41
11.583	0.00	0.02	0.075	0				0.41
11.667	0.00	0.02	0.074	0				0.41
11.750	0.00	0.02	0.074	0				0.41
11.833	0.00	0.02	0.074	0				0.41
11.917	0.00	0.02	0.074	0				0.41
12.000	0.00	0.02	0.074	0				0.41
12.083	0.00	0.02	0.074	0				0.41
12.167	0.00	0.02	0.074	0				0.41

12.250	0.00	0.02	0.074	0				0.41
12.333	0.00	0.02	0.074	0				0.41
12.417	0.00	0.02	0.073	0				0.41
12.500	0.00	0.02	0.073	0				0.41
12.583	0.00	0.02	0.073	0				0.41
12.667	0.00	0.02	0.073	0				0.41
12.750	0.00	0.02	0.073	0				0.41
12.833	0.00	0.02	0.073	0				0.40
12.917	0.00	0.02	0.073	0				0.40
13.000	0.00	0.02	0.073	0				0.40
13.083	0.00	0.02	0.073	0				0.40
13.167	0.00	0.02	0.072	0				0.40
13.250	0.00	0.02	0.072	0				0.40
13.333	0.00	0.02	0.072	0				0.40
13.417	0.00	0.02	0.072	0				0.40
13.500	0.00	0.02	0.072	0				0.40
13.583	0.00	0.02	0.072	0				0.40
13.667	0.00	0.02	0.072	0				0.40
13.750	0.00	0.02	0.072	0				0.40
13.833	0.00	0.02	0.072	0				0.40
13.917	0.00	0.02	0.071	0				0.40
14.000	0.00	0.02	0.071	0				0.40
14.083	0.00	0.02	0.071	0				0.40
14.167	0.00	0.02	0.071	0				0.40
14.250	0.00	0.02	0.071	0				0.39
14.333	0.00	0.02	0.071	0				0.39
14.417	0.00	0.02	0.071	0				0.39
14.500	0.00	0.02	0.071	0				0.39
14.583	0.00	0.02	0.071	0				0.39
14.667	0.00	0.02	0.070	0				0.39
14.750	0.00	0.02	0.070	0				0.39
14.833	0.00	0.02	0.070	0				0.39
14.917	0.00	0.02	0.070	0				0.39
15.000	0.00	0.02	0.070	0				0.39
15.083	0.00	0.02	0.070	0				0.39
15.167	0.00	0.02	0.070	0				0.39
15.250	0.00	0.02	0.070	0				0.39
15.333	0.00	0.02	0.070	0				0.39
15.417	0.00	0.02	0.069	0				0.39
15.500	0.00	0.02	0.069	0				0.39
15.583	0.00	0.02	0.069	0				0.38
15.667	0.00	0.02	0.069	0				0.38
15.750	0.00	0.02	0.069	0				0.38
15.833	0.00	0.02	0.069	0				0.38
15.917	0.00	0.02	0.069	0				0.38
16.000	0.00	0.02	0.069	0				0.38
16.083	0.00	0.02	0.069	0				0.38
16.167	0.00	0.02	0.069	0				0.38
16.250	0.00	0.02	0.068	0				0.38
16.333	0.00	0.02	0.068	0				0.38
16.417	0.00	0.02	0.068	0				0.38
16.500	0.00	0.02	0.068	0				0.38
16.583	0.00	0.02	0.068	0				0.38
16.667	0.00	0.02	0.068	0				0.38
16.750	0.00	0.02	0.068	0				0.38
16.833	0.00	0.02	0.068	0				0.38
16.917	0.00	0.02	0.068	0				0.38
17.000	0.00	0.02	0.068	0				0.38
17.083	0.00	0.01	0.067	0				0.37
17.167	0.00	0.01	0.067	0				0.37
17.250	0.00	0.01	0.067	0				0.37
17.333	0.00	0.01	0.067	0				0.37
17.417	0.00	0.01	0.067	0				0.37
17.500	0.00	0.01	0.067	0				0.37
17.583	0.00	0.01	0.067	0				0.37
17.667	0.00	0.01	0.067	0				0.37
17.750	0.00	0.01	0.067	0				0.37
17.833	0.00	0.01	0.066	0				0.37
17.917	0.00	0.01	0.066	0				0.37
18.000	0.00	0.01	0.066	0				0.37
18.083	0.00	0.01	0.066	0				0.37

18.167	0.00	0.01	0.066	0				0.37
18.250	0.00	0.01	0.066	0				0.37
18.333	0.00	0.01	0.066	0				0.37
18.417	0.00	0.01	0.066	0				0.37
18.500	0.00	0.01	0.066	0				0.36
18.583	0.00	0.01	0.066	0				0.36
18.667	0.00	0.01	0.065	0				0.36
18.750	0.00	0.01	0.065	0				0.36
18.833	0.00	0.01	0.065	0				0.36
18.917	0.00	0.01	0.065	0				0.36
19.000	0.00	0.01	0.065	0				0.36
19.083	0.00	0.01	0.065	0				0.36
19.167	0.00	0.01	0.065	0				0.36
19.250	0.00	0.01	0.065	0				0.36
19.333	0.00	0.01	0.065	0				0.36
19.417	0.00	0.01	0.065	0				0.36
19.500	0.00	0.01	0.064	0				0.36
19.583	0.00	0.01	0.064	0				0.36
19.667	0.00	0.01	0.064	0				0.36
19.750	0.00	0.01	0.064	0				0.36
19.833	0.00	0.01	0.064	0				0.36
19.917	0.00	0.01	0.064	0				0.36
20.000	0.00	0.01	0.064	0				0.35
20.083	0.00	0.01	0.064	0				0.35
20.167	0.00	0.01	0.064	0				0.35
20.250	0.00	0.01	0.064	0				0.35
20.333	0.00	0.01	0.063	0				0.35
20.417	0.00	0.01	0.063	0				0.35
20.500	0.00	0.01	0.063	0				0.35
20.583	0.00	0.01	0.063	0				0.35
20.667	0.00	0.01	0.063	0				0.35
20.750	0.00	0.01	0.063	0				0.35
20.833	0.00	0.01	0.063	0				0.35
20.917	0.00	0.01	0.063	0				0.35
21.000	0.00	0.01	0.063	0				0.35
21.083	0.00	0.01	0.063	0				0.35
21.167	0.00	0.01	0.063	0				0.35
21.250	0.00	0.01	0.062	0				0.35
21.333	0.00	0.01	0.062	0				0.35
21.417	0.00	0.01	0.062	0				0.35
21.500	0.00	0.01	0.062	0				0.35
21.583	0.00	0.01	0.062	0				0.34
21.667	0.00	0.01	0.062	0				0.34
21.750	0.00	0.01	0.062	0				0.34
21.833	0.00	0.01	0.062	0				0.34
21.917	0.00	0.01	0.062	0				0.34
22.000	0.00	0.01	0.062	0				0.34
22.083	0.00	0.01	0.061	0				0.34
22.167	0.00	0.01	0.061	0				0.34
22.250	0.00	0.01	0.061	0				0.34
22.333	0.00	0.01	0.061	0				0.34
22.417	0.00	0.01	0.061	0				0.34
22.500	0.00	0.01	0.061	0				0.34
22.583	0.00	0.01	0.061	0				0.34
22.667	0.00	0.01	0.061	0				0.34
22.750	0.00	0.01	0.061	0				0.34
22.833	0.00	0.01	0.061	0				0.34
22.917	0.00	0.01	0.061	0				0.34
23.000	0.00	0.01	0.060	0				0.34
23.083	0.00	0.01	0.060	0				0.34
23.167	0.00	0.01	0.060	0				0.33
23.250	0.00	0.01	0.060	0				0.33
23.333	0.00	0.01	0.060	0				0.33
23.417	0.00	0.01	0.060	0				0.33
23.500	0.00	0.01	0.060	0				0.33
23.583	0.00	0.01	0.060	0				0.33
23.667	0.00	0.01	0.060	0				0.33
23.750	0.00	0.01	0.060	0				0.33
23.833	0.00	0.01	0.060	0				0.33
23.917	0.00	0.01	0.059	0				0.33
24.000	0.00	0.01	0.059	0				0.33

24.083	0.00	0.01	0.059	0				0.33
24.167	0.00	0.01	0.059	0				0.33
24.250	0.00	0.01	0.059	0				0.33
24.333	0.00	0.01	0.059	0				0.33
24.417	0.00	0.01	0.059	0				0.33
24.500	0.00	0.01	0.059	0				0.33
24.583	0.00	0.01	0.059	0				0.33
24.667	0.00	0.01	0.059	0				0.33
24.750	0.00	0.01	0.059	0				0.33
24.833	0.00	0.01	0.058	0				0.32
24.917	0.00	0.01	0.058	0				0.32
25.000	0.00	0.01	0.058	0				0.32
25.083	0.00	0.01	0.058	0				0.32
25.167	0.00	0.01	0.058	0				0.32
25.250	0.00	0.01	0.058	0				0.32
25.333	0.00	0.01	0.058	0				0.32
25.417	0.00	0.01	0.058	0				0.32
25.500	0.00	0.01	0.058	0				0.32
25.583	0.00	0.01	0.058	0				0.32
25.667	0.00	0.01	0.058	0				0.32
25.750	0.00	0.01	0.057	0				0.32
25.833	0.00	0.01	0.057	0				0.32
25.917	0.00	0.01	0.057	0				0.32
26.000	0.00	0.01	0.057	0				0.32
26.083	0.00	0.01	0.057	0				0.32
26.167	0.00	0.01	0.057	0				0.32
26.250	0.00	0.01	0.057	0				0.32
26.333	0.00	0.01	0.057	0				0.32
26.417	0.00	0.01	0.057	0				0.32
26.500	0.00	0.01	0.057	0				0.31
26.583	0.00	0.01	0.057	0				0.31
26.667	0.00	0.01	0.057	0				0.31
26.750	0.00	0.01	0.056	0				0.31
26.833	0.00	0.01	0.056	0				0.31
26.917	0.00	0.01	0.056	0				0.31
27.000	0.00	0.01	0.056	0				0.31
27.083	0.00	0.01	0.056	0				0.31
27.167	0.00	0.01	0.056	0				0.31
27.250	0.00	0.01	0.056	0				0.31
27.333	0.00	0.01	0.056	0				0.31
27.417	0.00	0.01	0.056	0				0.31
27.500	0.00	0.01	0.056	0				0.31
27.583	0.00	0.01	0.056	0				0.31
27.667	0.00	0.01	0.055	0				0.31
27.750	0.00	0.01	0.055	0				0.31
27.833	0.00	0.01	0.055	0				0.31
27.917	0.00	0.01	0.055	0				0.31
28.000	0.00	0.01	0.055	0				0.31
28.083	0.00	0.01	0.055	0				0.31
28.167	0.00	0.01	0.055	0				0.31
28.250	0.00	0.01	0.055	0				0.31
28.333	0.00	0.01	0.055	0				0.30
28.417	0.00	0.01	0.055	0				0.30
28.500	0.00	0.01	0.055	0				0.30
28.583	0.00	0.01	0.055	0				0.30
28.667	0.00	0.01	0.054	0				0.30
28.750	0.00	0.01	0.054	0				0.30
28.833	0.00	0.01	0.054	0				0.30
28.917	0.00	0.01	0.054	0				0.30
29.000	0.00	0.01	0.054	0				0.30
29.083	0.00	0.01	0.054	0				0.30
29.167	0.00	0.01	0.054	0				0.30
29.250	0.00	0.01	0.054	0				0.30
29.333	0.00	0.01	0.054	0				0.30
29.417	0.00	0.01	0.054	0				0.30
29.500	0.00	0.01	0.054	0				0.30
29.583	0.00	0.01	0.054	0				0.30
29.667	0.00	0.01	0.053	0				0.30
29.750	0.00	0.01	0.053	0				0.30
29.833	0.00	0.01	0.053	0				0.30
29.917	0.00	0.01	0.053	0				0.30

30.000	0.00	0.01	0.053	0				0.30
30.083	0.00	0.01	0.053	0				0.29
30.167	0.00	0.01	0.053	0				0.29
30.250	0.00	0.01	0.053	0				0.29
30.333	0.00	0.01	0.053	0				0.29
30.417	0.00	0.01	0.053	0				0.29
30.500	0.00	0.01	0.053	0				0.29
30.583	0.00	0.01	0.053	0				0.29
30.667	0.00	0.01	0.053	0				0.29
30.750	0.00	0.01	0.052	0				0.29
30.833	0.00	0.01	0.052	0				0.29
30.917	0.00	0.01	0.052	0				0.29
31.000	0.00	0.01	0.052	0				0.29
31.083	0.00	0.01	0.052	0				0.29
31.167	0.00	0.01	0.052	0				0.29
31.250	0.00	0.01	0.052	0				0.29
31.333	0.00	0.01	0.052	0				0.29
31.417	0.00	0.01	0.052	0				0.29
31.500	0.00	0.01	0.052	0				0.29
31.583	0.00	0.01	0.052	0				0.29
31.667	0.00	0.01	0.052	0				0.29
31.750	0.00	0.01	0.051	0				0.29
31.833	0.00	0.01	0.051	0				0.29
31.917	0.00	0.01	0.051	0				0.29
32.000	0.00	0.01	0.051	0				0.28
32.083	0.00	0.01	0.051	0				0.28
32.167	0.00	0.01	0.051	0				0.28
32.250	0.00	0.01	0.051	0				0.28
32.333	0.00	0.01	0.051	0				0.28
32.417	0.00	0.01	0.051	0				0.28
32.500	0.00	0.01	0.051	0				0.28
32.583	0.00	0.01	0.051	0				0.28
32.667	0.00	0.01	0.051	0				0.28
32.750	0.00	0.01	0.051	0				0.28
32.833	0.00	0.01	0.050	0				0.28
32.917	0.00	0.01	0.050	0				0.28
33.000	0.00	0.01	0.050	0				0.28
33.083	0.00	0.01	0.050	0				0.28
33.167	0.00	0.01	0.050	0				0.28
33.250	0.00	0.01	0.050	0				0.28
33.333	0.00	0.01	0.050	0				0.28
33.417	0.00	0.01	0.050	0				0.28
33.500	0.00	0.01	0.050	0				0.28
33.583	0.00	0.01	0.050	0				0.28
33.667	0.00	0.01	0.050	0				0.28
33.750	0.00	0.01	0.050	0				0.28
33.833	0.00	0.01	0.050	0				0.28
33.917	0.00	0.01	0.049	0				0.27
34.000	0.00	0.01	0.049	0				0.27
34.083	0.00	0.01	0.049	0				0.27
34.167	0.00	0.01	0.049	0				0.27
34.250	0.00	0.01	0.049	0				0.27
34.333	0.00	0.01	0.049	0				0.27
34.417	0.00	0.01	0.049	0				0.27
34.500	0.00	0.01	0.049	0				0.27
34.583	0.00	0.01	0.049	0				0.27
34.667	0.00	0.01	0.049	0				0.27
34.750	0.00	0.01	0.049	0				0.27
34.833	0.00	0.01	0.049	0				0.27
34.917	0.00	0.01	0.049	0				0.27
35.000	0.00	0.01	0.049	0				0.27
35.083	0.00	0.01	0.048	0				0.27
35.167	0.00	0.01	0.048	0				0.27
35.250	0.00	0.01	0.048	0				0.27
35.333	0.00	0.01	0.048	0				0.27
35.417	0.00	0.01	0.048	0				0.27
35.500	0.00	0.01	0.048	0				0.27
35.583	0.00	0.01	0.048	0				0.27
35.667	0.00	0.01	0.048	0				0.27
35.750	0.00	0.01	0.048	0				0.27
35.833	0.00	0.01	0.048	0				0.27

35.917	0.00	0.01	0.048	0					0.26
36.000	0.00	0.01	0.048	0					0.26
36.083	0.00	0.01	0.048	0					0.26
36.167	0.00	0.01	0.047	0					0.26
36.250	0.00	0.01	0.047	0					0.26
36.333	0.00	0.01	0.047	0					0.26
36.417	0.00	0.01	0.047	0					0.26
36.500	0.00	0.01	0.047	0					0.26
36.583	0.00	0.01	0.047	0					0.26
36.667	0.00	0.01	0.047	0					0.26
36.750	0.00	0.01	0.047	0					0.26
36.833	0.00	0.01	0.047	0					0.26
36.917	0.00	0.01	0.047	0					0.26
37.000	0.00	0.01	0.047	0					0.26
37.083	0.00	0.01	0.047	0					0.26
37.167	0.00	0.01	0.047	0					0.26
37.250	0.00	0.01	0.047	0					0.26
37.333	0.00	0.01	0.046	0					0.26
37.417	0.00	0.01	0.046	0					0.26
37.500	0.00	0.01	0.046	0					0.26
37.583	0.00	0.01	0.046	0					0.26
37.667	0.00	0.01	0.046	0					0.26
37.750	0.00	0.01	0.046	0					0.26
37.833	0.00	0.01	0.046	0					0.26
37.917	0.00	0.01	0.046	0					0.26
38.000	0.00	0.01	0.046	0					0.26
38.083	0.00	0.01	0.046	0					0.25
38.167	0.00	0.01	0.046	0					0.25
38.250	0.00	0.01	0.046	0					0.25
38.333	0.00	0.01	0.046	0					0.25
38.417	0.00	0.01	0.046	0					0.25
38.500	0.00	0.01	0.045	0					0.25
38.583	0.00	0.01	0.045	0					0.25
38.667	0.00	0.01	0.045	0					0.25
38.750	0.00	0.01	0.045	0					0.25
38.833	0.00	0.01	0.045	0					0.25
38.917	0.00	0.01	0.045	0					0.25
39.000	0.00	0.01	0.045	0					0.25
39.083	0.00	0.01	0.045	0					0.25
39.167	0.00	0.01	0.045	0					0.25
39.250	0.00	0.01	0.045	0					0.25
39.333	0.00	0.01	0.045	0					0.25
39.417	0.00	0.01	0.045	0					0.25
39.500	0.00	0.01	0.045	0					0.25
39.583	0.00	0.01	0.045	0					0.25
39.667	0.00	0.01	0.045	0					0.25
39.750	0.00	0.01	0.044	0					0.25
39.833	0.00	0.01	0.044	0					0.25
39.917	0.00	0.01	0.044	0					0.25
40.000	0.00	0.01	0.044	0					0.25
40.083	0.00	0.01	0.044	0					0.25
40.167	0.00	0.01	0.044	0					0.25
40.250	0.00	0.01	0.044	0					0.24
40.333	0.00	0.01	0.044	0					0.24
40.417	0.00	0.01	0.044	0					0.24
40.500	0.00	0.01	0.044	0					0.24
40.583	0.00	0.01	0.044	0					0.24
40.667	0.00	0.01	0.044	0					0.24
40.750	0.00	0.01	0.044	0					0.24
40.833	0.00	0.01	0.044	0					0.24
40.917	0.00	0.01	0.044	0					0.24
41.000	0.00	0.01	0.043	0					0.24
41.083	0.00	0.01	0.043	0					0.24
41.167	0.00	0.01	0.043	0					0.24
41.250	0.00	0.01	0.043	0					0.24
41.333	0.00	0.01	0.043	0					0.24
41.417	0.00	0.01	0.043	0					0.24
41.500	0.00	0.01	0.043	0					0.24
41.583	0.00	0.01	0.043	0					0.24
41.667	0.00	0.01	0.043	0					0.24
41.750	0.00	0.01	0.043	0					0.24

41.833	0.00	0.01	0.043	0				0.24
41.917	0.00	0.01	0.043	0				0.24
42.000	0.00	0.01	0.043	0				0.24
42.083	0.00	0.01	0.043	0				0.24
42.167	0.00	0.01	0.043	0				0.24
42.250	0.00	0.01	0.042	0				0.24
42.333	0.00	0.01	0.042	0				0.24
42.417	0.00	0.01	0.042	0				0.24
42.500	0.00	0.01	0.042	0				0.23
42.583	0.00	0.01	0.042	0				0.23
42.667	0.00	0.01	0.042	0				0.23
42.750	0.00	0.01	0.042	0				0.23
42.833	0.00	0.01	0.042	0				0.23
42.917	0.00	0.01	0.042	0				0.23
43.000	0.00	0.01	0.042	0				0.23
43.083	0.00	0.01	0.042	0				0.23
43.167	0.00	0.01	0.042	0				0.23
43.250	0.00	0.01	0.042	0				0.23
43.333	0.00	0.01	0.042	0				0.23
43.417	0.00	0.01	0.042	0				0.23
43.500	0.00	0.01	0.041	0				0.23
43.583	0.00	0.01	0.041	0				0.23
43.667	0.00	0.01	0.041	0				0.23
43.750	0.00	0.01	0.041	0				0.23
43.833	0.00	0.01	0.041	0				0.23
43.917	0.00	0.01	0.041	0				0.23
44.000	0.00	0.01	0.041	0				0.23
44.083	0.00	0.01	0.041	0				0.23
44.167	0.00	0.01	0.041	0				0.23
44.250	0.00	0.01	0.041	0				0.23
44.333	0.00	0.01	0.041	0				0.23
44.417	0.00	0.01	0.041	0				0.23
44.500	0.00	0.01	0.041	0				0.23
44.583	0.00	0.01	0.041	0				0.23
44.667	0.00	0.01	0.041	0				0.23
44.750	0.00	0.01	0.041	0				0.23
44.833	0.00	0.01	0.040	0				0.22
44.917	0.00	0.01	0.040	0				0.22
45.000	0.00	0.01	0.040	0				0.22
45.083	0.00	0.01	0.040	0				0.22
45.167	0.00	0.01	0.040	0				0.22
45.250	0.00	0.01	0.040	0				0.22
45.333	0.00	0.01	0.040	0				0.22
45.417	0.00	0.01	0.040	0				0.22
45.500	0.00	0.01	0.040	0				0.22
45.583	0.00	0.01	0.040	0				0.22
45.667	0.00	0.01	0.040	0				0.22
45.750	0.00	0.01	0.040	0				0.22
45.833	0.00	0.01	0.040	0				0.22
45.917	0.00	0.01	0.040	0				0.22
46.000	0.00	0.01	0.040	0				0.22
46.083	0.00	0.01	0.040	0				0.22
46.167	0.00	0.01	0.040	0				0.22
46.250	0.00	0.01	0.039	0				0.22
46.333	0.00	0.01	0.039	0				0.22
46.417	0.00	0.01	0.039	0				0.22
46.500	0.00	0.01	0.039	0				0.22
46.583	0.00	0.01	0.039	0				0.22
46.667	0.00	0.01	0.039	0				0.22
46.750	0.00	0.01	0.039	0				0.22
46.833	0.00	0.01	0.039	0				0.22
46.917	0.00	0.01	0.039	0				0.22
47.000	0.00	0.01	0.039	0				0.22
47.083	0.00	0.01	0.039	0				0.22
47.167	0.00	0.01	0.039	0				0.22
47.250	0.00	0.01	0.039	0				0.22
47.333	0.00	0.01	0.039	0				0.21
47.417	0.00	0.01	0.039	0				0.21
47.500	0.00	0.01	0.039	0				0.21
47.583	0.00	0.01	0.038	0				0.21
47.667	0.00	0.01	0.038	0				0.21

47.750	0.00	0.01	0.038	0				0.21
47.833	0.00	0.01	0.038	0				0.21
47.917	0.00	0.01	0.038	0				0.21
48.000	0.00	0.01	0.038	0				0.21
48.083	0.00	0.01	0.038	0				0.21
48.167	0.00	0.01	0.038	0				0.21
48.250	0.00	0.01	0.038	0				0.21
48.333	0.00	0.01	0.038	0				0.21
48.417	0.00	0.01	0.038	0				0.21
48.500	0.00	0.01	0.038	0				0.21
48.583	0.00	0.01	0.038	0				0.21
48.667	0.00	0.01	0.038	0				0.21
48.750	0.00	0.01	0.038	0				0.21
48.833	0.00	0.01	0.038	0				0.21
48.917	0.00	0.01	0.038	0				0.21
49.000	0.00	0.01	0.038	0				0.21
49.083	0.00	0.01	0.037	0				0.21
49.167	0.00	0.01	0.037	0				0.21
49.250	0.00	0.01	0.037	0				0.21
49.333	0.00	0.01	0.037	0				0.21
49.417	0.00	0.01	0.037	0				0.21
49.500	0.00	0.01	0.037	0				0.21
49.583	0.00	0.01	0.037	0				0.21
49.667	0.00	0.01	0.037	0				0.21
49.750	0.00	0.01	0.037	0				0.21
49.833	0.00	0.01	0.037	0				0.21
49.917	0.00	0.01	0.037	0				0.20
50.000	0.00	0.01	0.037	0				0.20
50.083	0.00	0.01	0.037	0				0.20
50.167	0.00	0.01	0.037	0				0.20
50.250	0.00	0.01	0.037	0				0.20
50.333	0.00	0.01	0.037	0				0.20
50.417	0.00	0.01	0.037	0				0.20
50.500	0.00	0.01	0.036	0				0.20
50.583	0.00	0.01	0.036	0				0.20
50.667	0.00	0.01	0.036	0				0.20
50.750	0.00	0.01	0.036	0				0.20
50.833	0.00	0.01	0.036	0				0.20
50.917	0.00	0.01	0.036	0				0.20
51.000	0.00	0.01	0.036	0				0.20
51.083	0.00	0.01	0.036	0				0.20
51.167	0.00	0.01	0.036	0				0.20
51.250	0.00	0.01	0.036	0				0.20
51.333	0.00	0.01	0.036	0				0.20
51.417	0.00	0.01	0.036	0				0.20
51.500	0.00	0.01	0.036	0				0.20
51.583	0.00	0.01	0.036	0				0.20
51.667	0.00	0.01	0.036	0				0.20
51.750	0.00	0.01	0.036	0				0.20
51.833	0.00	0.01	0.036	0				0.20
51.917	0.00	0.01	0.036	0				0.20
52.000	0.00	0.01	0.035	0				0.20
52.083	0.00	0.01	0.035	0				0.20
52.167	0.00	0.01	0.035	0				0.20
52.250	0.00	0.01	0.035	0				0.20
52.333	0.00	0.01	0.035	0				0.20
52.417	0.00	0.01	0.035	0				0.20
52.500	0.00	0.01	0.035	0				0.20
52.583	0.00	0.01	0.035	0				0.20
52.667	0.00	0.01	0.035	0				0.19
52.750	0.00	0.01	0.035	0				0.19
52.833	0.00	0.01	0.035	0				0.19
52.917	0.00	0.01	0.035	0				0.19
53.000	0.00	0.01	0.035	0				0.19
53.083	0.00	0.01	0.035	0				0.19
53.167	0.00	0.01	0.035	0				0.19
53.250	0.00	0.01	0.035	0				0.19
53.333	0.00	0.01	0.035	0				0.19
53.417	0.00	0.01	0.035	0				0.19
53.500	0.00	0.01	0.035	0				0.19
53.583	0.00	0.01	0.034	0				0.19

53.667	0.00	0.01	0.034	0				0.19
53.750	0.00	0.01	0.034	0				0.19
53.833	0.00	0.01	0.034	0				0.19
53.917	0.00	0.01	0.034	0				0.19
54.000	0.00	0.01	0.034	0				0.19
54.083	0.00	0.01	0.034	0				0.19
54.167	0.00	0.01	0.034	0				0.19
54.250	0.00	0.01	0.034	0				0.19
54.333	0.00	0.01	0.034	0				0.19
54.417	0.00	0.01	0.034	0				0.19
54.500	0.00	0.01	0.034	0				0.19
54.583	0.00	0.01	0.034	0				0.19
54.667	0.00	0.01	0.034	0				0.19
54.750	0.00	0.01	0.034	0				0.19
54.833	0.00	0.01	0.034	0				0.19
54.917	0.00	0.01	0.034	0				0.19
55.000	0.00	0.01	0.034	0				0.19
55.083	0.00	0.01	0.034	0				0.19
55.167	0.00	0.01	0.033	0				0.19
55.250	0.00	0.01	0.033	0				0.19
55.333	0.00	0.01	0.033	0				0.19
55.417	0.00	0.01	0.033	0				0.19
55.500	0.00	0.01	0.033	0				0.18
55.583	0.00	0.01	0.033	0				0.18
55.667	0.00	0.01	0.033	0				0.18
55.750	0.00	0.01	0.033	0				0.18
55.833	0.00	0.01	0.033	0				0.18
55.917	0.00	0.01	0.033	0				0.18
56.000	0.00	0.01	0.033	0				0.18
56.083	0.00	0.01	0.033	0				0.18
56.167	0.00	0.01	0.033	0				0.18
56.250	0.00	0.01	0.033	0				0.18
56.333	0.00	0.01	0.033	0				0.18
56.417	0.00	0.01	0.033	0				0.18
56.500	0.00	0.01	0.033	0				0.18
56.583	0.00	0.01	0.033	0				0.18
56.667	0.00	0.01	0.033	0				0.18
56.750	0.00	0.01	0.033	0				0.18
56.833	0.00	0.01	0.032	0				0.18
56.917	0.00	0.01	0.032	0				0.18
57.000	0.00	0.01	0.032	0				0.18
57.083	0.00	0.01	0.032	0				0.18
57.167	0.00	0.01	0.032	0				0.18
57.250	0.00	0.01	0.032	0				0.18
57.333	0.00	0.01	0.032	0				0.18
57.417	0.00	0.01	0.032	0				0.18
57.500	0.00	0.01	0.032	0				0.18
57.583	0.00	0.01	0.032	0				0.18
57.667	0.00	0.01	0.032	0				0.18
57.750	0.00	0.01	0.032	0				0.18
57.833	0.00	0.01	0.032	0				0.18
57.917	0.00	0.01	0.032	0				0.18
58.000	0.00	0.01	0.032	0				0.18
58.083	0.00	0.01	0.032	0				0.18
58.167	0.00	0.01	0.032	0				0.18
58.250	0.00	0.01	0.032	0				0.18
58.333	0.00	0.01	0.032	0				0.18
58.417	0.00	0.01	0.032	0				0.18
58.500	0.00	0.01	0.032	0				0.18
58.583	0.00	0.01	0.031	0				0.17
58.667	0.00	0.01	0.031	0				0.17
58.750	0.00	0.01	0.031	0				0.17
58.833	0.00	0.01	0.031	0				0.17
58.917	0.00	0.01	0.031	0				0.17
59.000	0.00	0.01	0.031	0				0.17
59.083	0.00	0.01	0.031	0				0.17
59.167	0.00	0.01	0.031	0				0.17
59.250	0.00	0.01	0.031	0				0.17
59.333	0.00	0.01	0.031	0				0.17
59.417	0.00	0.01	0.031	0				0.17
59.500	0.00	0.01	0.031	0				0.17

59.583	0.00	0.01	0.031	0				0.17
59.667	0.00	0.01	0.031	0				0.17
59.750	0.00	0.01	0.031	0				0.17
59.833	0.00	0.01	0.031	0				0.17
59.917	0.00	0.01	0.031	0				0.17
60.000	0.00	0.01	0.031	0				0.17
60.083	0.00	0.01	0.031	0				0.17
60.167	0.00	0.01	0.031	0				0.17
60.250	0.00	0.01	0.031	0				0.17
60.333	0.00	0.01	0.030	0				0.17
60.417	0.00	0.01	0.030	0				0.17
60.500	0.00	0.01	0.030	0				0.17
60.583	0.00	0.01	0.030	0				0.17
60.667	0.00	0.01	0.030	0				0.17
60.750	0.00	0.01	0.030	0				0.17
60.833	0.00	0.01	0.030	0				0.17
60.917	0.00	0.01	0.030	0				0.17
61.000	0.00	0.01	0.030	0				0.17
61.083	0.00	0.01	0.030	0				0.17
61.167	0.00	0.01	0.030	0				0.17
61.250	0.00	0.01	0.030	0				0.17
61.333	0.00	0.01	0.030	0				0.17
61.417	0.00	0.01	0.030	0				0.17
61.500	0.00	0.01	0.030	0				0.17
61.583	0.00	0.01	0.030	0				0.17
61.667	0.00	0.01	0.030	0				0.17
61.750	0.00	0.01	0.030	0				0.16
61.833	0.00	0.01	0.030	0				0.16
61.917	0.00	0.01	0.030	0				0.16
62.000	0.00	0.01	0.030	0				0.16
62.083	0.00	0.01	0.029	0				0.16
62.167	0.00	0.01	0.029	0				0.16
62.250	0.00	0.01	0.029	0				0.16
62.333	0.00	0.01	0.029	0				0.16
62.417	0.00	0.01	0.029	0				0.16
62.500	0.00	0.01	0.029	0				0.16
62.583	0.00	0.01	0.029	0				0.16
62.667	0.00	0.01	0.029	0				0.16
62.750	0.00	0.01	0.029	0				0.16
62.833	0.00	0.01	0.029	0				0.16
62.917	0.00	0.01	0.029	0				0.16
63.000	0.00	0.01	0.029	0				0.16
63.083	0.00	0.01	0.029	0				0.16
63.167	0.00	0.01	0.029	0				0.16
63.250	0.00	0.01	0.029	0				0.16
63.333	0.00	0.01	0.029	0				0.16
63.417	0.00	0.01	0.029	0				0.16
63.500	0.00	0.01	0.029	0				0.16
63.583	0.00	0.01	0.029	0				0.16
63.667	0.00	0.01	0.029	0				0.16
63.750	0.00	0.01	0.029	0				0.16
63.833	0.00	0.01	0.029	0				0.16
63.917	0.00	0.01	0.029	0				0.16
64.000	0.00	0.01	0.028	0				0.16
64.083	0.00	0.01	0.028	0				0.16
64.167	0.00	0.01	0.028	0				0.16
64.250	0.00	0.01	0.028	0				0.16
64.333	0.00	0.01	0.028	0				0.16
64.417	0.00	0.01	0.028	0				0.16
64.500	0.00	0.01	0.028	0				0.16
64.583	0.00	0.01	0.028	0				0.16
64.667	0.00	0.01	0.028	0				0.16
64.750	0.00	0.01	0.028	0				0.16
64.833	0.00	0.01	0.028	0				0.16
64.917	0.00	0.01	0.028	0				0.16
65.000	0.00	0.01	0.028	0				0.16
65.083	0.00	0.01	0.028	0				0.16
65.167	0.00	0.01	0.028	0				0.15
65.250	0.00	0.01	0.028	0				0.15
65.333	0.00	0.01	0.028	0				0.15
65.417	0.00	0.01	0.028	0				0.15

65.500	0.00	0.01	0.028	0				0.15
65.583	0.00	0.01	0.028	0				0.15
65.667	0.00	0.01	0.028	0				0.15
65.750	0.00	0.01	0.028	0				0.15
65.833	0.00	0.01	0.028	0				0.15
65.917	0.00	0.01	0.027	0				0.15
66.000	0.00	0.01	0.027	0				0.15
66.083	0.00	0.01	0.027	0				0.15
66.167	0.00	0.01	0.027	0				0.15
66.250	0.00	0.01	0.027	0				0.15
66.333	0.00	0.01	0.027	0				0.15
66.417	0.00	0.01	0.027	0				0.15
66.500	0.00	0.01	0.027	0				0.15
66.583	0.00	0.01	0.027	0				0.15
66.667	0.00	0.01	0.027	0				0.15
66.750	0.00	0.01	0.027	0				0.15
66.833	0.00	0.01	0.027	0				0.15
66.917	0.00	0.01	0.027	0				0.15
67.000	0.00	0.01	0.027	0				0.15
67.083	0.00	0.01	0.027	0				0.15
67.167	0.00	0.01	0.027	0				0.15
67.250	0.00	0.01	0.027	0				0.15
67.333	0.00	0.01	0.027	0				0.15
67.417	0.00	0.01	0.027	0				0.15
67.500	0.00	0.01	0.027	0				0.15
67.583	0.00	0.01	0.027	0				0.15
67.667	0.00	0.01	0.027	0				0.15
67.750	0.00	0.01	0.027	0				0.15
67.833	0.00	0.01	0.027	0				0.15
67.917	0.00	0.01	0.026	0				0.15
68.000	0.00	0.01	0.026	0				0.15
68.083	0.00	0.01	0.026	0				0.15
68.167	0.00	0.01	0.026	0				0.15
68.250	0.00	0.01	0.026	0				0.15
68.333	0.00	0.01	0.026	0				0.15
68.417	0.00	0.01	0.026	0				0.15
68.500	0.00	0.01	0.026	0				0.15
68.583	0.00	0.01	0.026	0				0.15
68.667	0.00	0.01	0.026	0				0.15
68.750	0.00	0.01	0.026	0				0.14
68.833	0.00	0.01	0.026	0				0.14
68.917	0.00	0.01	0.026	0				0.14
69.000	0.00	0.01	0.026	0				0.14
69.083	0.00	0.01	0.026	0				0.14
69.167	0.00	0.01	0.026	0				0.14
69.250	0.00	0.01	0.026	0				0.14
69.333	0.00	0.01	0.026	0				0.14
69.417	0.00	0.01	0.026	0				0.14
69.500	0.00	0.01	0.026	0				0.14
69.583	0.00	0.01	0.026	0				0.14
69.667	0.00	0.01	0.026	0				0.14
69.750	0.00	0.01	0.026	0				0.14
69.833	0.00	0.01	0.026	0				0.14
69.917	0.00	0.01	0.026	0				0.14
70.000	0.00	0.01	0.026	0				0.14
70.083	0.00	0.01	0.025	0				0.14
70.167	0.00	0.01	0.025	0				0.14
70.250	0.00	0.01	0.025	0				0.14
70.333	0.00	0.01	0.025	0				0.14
70.417	0.00	0.01	0.025	0				0.14
70.500	0.00	0.01	0.025	0				0.14
70.583	0.00	0.01	0.025	0				0.14
70.667	0.00	0.01	0.025	0				0.14
70.750	0.00	0.01	0.025	0				0.14
70.833	0.00	0.01	0.025	0				0.14
70.917	0.00	0.01	0.025	0				0.14
71.000	0.00	0.01	0.025	0				0.14
71.083	0.00	0.01	0.025	0				0.14
71.167	0.00	0.01	0.025	0				0.14
71.250	0.00	0.01	0.025	0				0.14
71.333	0.00	0.01	0.025	0				0.14

71.417	0.00	0.01	0.025	0				0.14
71.500	0.00	0.01	0.025	0				0.14
71.583	0.00	0.01	0.025	0				0.14
71.667	0.00	0.01	0.025	0				0.14
71.750	0.00	0.01	0.025	0				0.14
71.833	0.00	0.01	0.025	0				0.14
71.917	0.00	0.01	0.025	0				0.14
72.000	0.00	0.01	0.025	0				0.14
72.083	0.00	0.01	0.025	0				0.14
72.167	0.00	0.01	0.025	0				0.14
72.250	0.00	0.01	0.024	0				0.14
72.333	0.00	0.01	0.024	0				0.14
72.417	0.00	0.01	0.024	0				0.14
72.500	0.00	0.01	0.024	0				0.14
72.583	0.00	0.01	0.024	0				0.14
72.667	0.00	0.01	0.024	0				0.13
72.750	0.00	0.01	0.024	0				0.13
72.833	0.00	0.01	0.024	0				0.13
72.917	0.00	0.01	0.024	0				0.13
73.000	0.00	0.01	0.024	0				0.13
73.083	0.00	0.01	0.024	0				0.13
73.167	0.00	0.01	0.024	0				0.13
73.250	0.00	0.01	0.024	0				0.13
73.333	0.00	0.01	0.024	0				0.13
73.417	0.00	0.01	0.024	0				0.13
73.500	0.00	0.01	0.024	0				0.13
73.583	0.00	0.01	0.024	0				0.13
73.667	0.00	0.01	0.024	0				0.13
73.750	0.00	0.01	0.024	0				0.13
73.833	0.00	0.01	0.024	0				0.13
73.917	0.00	0.01	0.024	0				0.13
74.000	0.00	0.01	0.024	0				0.13
74.083	0.00	0.01	0.024	0				0.13
74.167	0.00	0.01	0.024	0				0.13
74.250	0.00	0.01	0.024	0				0.13
74.333	0.00	0.01	0.024	0				0.13
74.417	0.00	0.01	0.024	0				0.13
74.500	0.00	0.01	0.023	0				0.13
74.583	0.00	0.01	0.023	0				0.13
74.667	0.00	0.01	0.023	0				0.13
74.750	0.00	0.01	0.023	0				0.13
74.833	0.00	0.01	0.023	0				0.13
74.917	0.00	0.01	0.023	0				0.13
75.000	0.00	0.01	0.023	0				0.13
75.083	0.00	0.01	0.023	0				0.13
75.167	0.00	0.01	0.023	0				0.13
75.250	0.00	0.01	0.023	0				0.13
75.333	0.00	0.01	0.023	0				0.13
75.417	0.00	0.01	0.023	0				0.13
75.500	0.00	0.01	0.023	0				0.13
75.583	0.00	0.01	0.023	0				0.13
75.667	0.00	0.01	0.023	0				0.13
75.750	0.00	0.01	0.023	0				0.13
75.833	0.00	0.01	0.023	0				0.13
75.917	0.00	0.01	0.023	0				0.13
76.000	0.00	0.01	0.023	0				0.13
76.083	0.00	0.01	0.023	0				0.13
76.167	0.00	0.01	0.023	0				0.13
76.250	0.00	0.01	0.023	0				0.13
76.333	0.00	0.01	0.023	0				0.13
76.417	0.00	0.01	0.023	0				0.13
76.500	0.00	0.01	0.023	0				0.13
76.583	0.00	0.01	0.023	0				0.13
76.667	0.00	0.01	0.023	0				0.13
76.750	0.00	0.01	0.023	0				0.13
76.833	0.00	0.00	0.022	0				0.12
76.917	0.00	0.00	0.022	0				0.12
77.000	0.00	0.00	0.022	0				0.12
77.083	0.00	0.00	0.022	0				0.12
77.167	0.00	0.00	0.022	0				0.12
77.250	0.00	0.00	0.022	0				0.12

77.333	0.00	0.00	0.022	0				0.12
77.417	0.00	0.00	0.022	0				0.12
77.500	0.00	0.00	0.022	0				0.12
77.583	0.00	0.00	0.022	0				0.12
77.667	0.00	0.00	0.022	0				0.12
77.750	0.00	0.00	0.022	0				0.12
77.833	0.00	0.00	0.022	0				0.12
77.917	0.00	0.00	0.022	0				0.12
78.000	0.00	0.00	0.022	0				0.12
78.083	0.00	0.00	0.022	0				0.12
78.167	0.00	0.00	0.022	0				0.12
78.250	0.00	0.00	0.022	0				0.12
78.333	0.00	0.00	0.022	0				0.12
78.417	0.00	0.00	0.022	0				0.12
78.500	0.00	0.00	0.022	0				0.12
78.583	0.00	0.00	0.022	0				0.12
78.667	0.00	0.00	0.022	0				0.12
78.750	0.00	0.00	0.022	0				0.12
78.833	0.00	0.00	0.022	0				0.12
78.917	0.00	0.00	0.022	0				0.12
79.000	0.00	0.00	0.022	0				0.12
79.083	0.00	0.00	0.022	0				0.12
79.167	0.00	0.00	0.022	0				0.12
79.250	0.00	0.00	0.022	0				0.12
79.333	0.00	0.00	0.021	0				0.12
79.417	0.00	0.00	0.021	0				0.12
79.500	0.00	0.00	0.021	0				0.12
79.583	0.00	0.00	0.021	0				0.12
79.667	0.00	0.00	0.021	0				0.12
79.750	0.00	0.00	0.021	0				0.12
79.833	0.00	0.00	0.021	0				0.12
79.917	0.00	0.00	0.021	0				0.12
80.000	0.00	0.00	0.021	0				0.12
80.083	0.00	0.00	0.021	0				0.12
80.167	0.00	0.00	0.021	0				0.12
80.250	0.00	0.00	0.021	0				0.12
80.333	0.00	0.00	0.021	0				0.12
80.417	0.00	0.00	0.021	0				0.12
80.500	0.00	0.00	0.021	0				0.12
80.583	0.00	0.00	0.021	0				0.12
80.667	0.00	0.00	0.021	0				0.12
80.750	0.00	0.00	0.021	0				0.12
80.833	0.00	0.00	0.021	0				0.12
80.917	0.00	0.00	0.021	0				0.12
81.000	0.00	0.00	0.021	0				0.12
81.083	0.00	0.00	0.021	0				0.12
81.167	0.00	0.00	0.021	0				0.12
81.250	0.00	0.00	0.021	0				0.12
81.333	0.00	0.00	0.021	0				0.12
81.417	0.00	0.00	0.021	0				0.11
81.500	0.00	0.00	0.021	0				0.11
81.583	0.00	0.00	0.021	0				0.11
81.667	0.00	0.00	0.021	0				0.11
81.750	0.00	0.00	0.021	0				0.11
81.833	0.00	0.00	0.021	0				0.11
81.917	0.00	0.00	0.020	0				0.11
82.000	0.00	0.00	0.020	0				0.11
82.083	0.00	0.00	0.020	0				0.11
82.167	0.00	0.00	0.020	0				0.11
82.250	0.00	0.00	0.020	0				0.11
82.333	0.00	0.00	0.020	0				0.11
82.417	0.00	0.00	0.020	0				0.11
82.500	0.00	0.00	0.020	0				0.11
82.583	0.00	0.00	0.020	0				0.11
82.667	0.00	0.00	0.020	0				0.11
82.750	0.00	0.00	0.020	0				0.11
82.833	0.00	0.00	0.020	0				0.11
82.917	0.00	0.00	0.020	0				0.11
83.000	0.00	0.00	0.020	0				0.11
83.083	0.00	0.00	0.020	0				0.11
83.167	0.00	0.00	0.020	0				0.11

83.250	0.00	0.00	0.020	0				0.11
83.333	0.00	0.00	0.020	0				0.11
83.417	0.00	0.00	0.020	0				0.11
83.500	0.00	0.00	0.020	0				0.11
83.583	0.00	0.00	0.020	0				0.11
83.667	0.00	0.00	0.020	0				0.11
83.750	0.00	0.00	0.020	0				0.11
83.833	0.00	0.00	0.020	0				0.11
83.917	0.00	0.00	0.020	0				0.11
84.000	0.00	0.00	0.020	0				0.11
84.083	0.00	0.00	0.020	0				0.11
84.167	0.00	0.00	0.020	0				0.11
84.250	0.00	0.00	0.020	0				0.11
84.333	0.00	0.00	0.020	0				0.11
84.417	0.00	0.00	0.020	0				0.11
84.500	0.00	0.00	0.020	0				0.11
84.583	0.00	0.00	0.020	0				0.11
84.667	0.00	0.00	0.019	0				0.11
84.750	0.00	0.00	0.019	0				0.11
84.833	0.00	0.00	0.019	0				0.11
84.917	0.00	0.00	0.019	0				0.11
85.000	0.00	0.00	0.019	0				0.11
85.083	0.00	0.00	0.019	0				0.11
85.167	0.00	0.00	0.019	0				0.11
85.250	0.00	0.00	0.019	0				0.11
85.333	0.00	0.00	0.019	0				0.11
85.417	0.00	0.00	0.019	0				0.11
85.500	0.00	0.00	0.019	0				0.11
85.583	0.00	0.00	0.019	0				0.11
85.667	0.00	0.00	0.019	0				0.11
85.750	0.00	0.00	0.019	0				0.11
85.833	0.00	0.00	0.019	0				0.11
85.917	0.00	0.00	0.019	0				0.11
86.000	0.00	0.00	0.019	0				0.11
86.083	0.00	0.00	0.019	0				0.11
86.167	0.00	0.00	0.019	0				0.11
86.250	0.00	0.00	0.019	0				0.11
86.333	0.00	0.00	0.019	0				0.10
86.417	0.00	0.00	0.019	0				0.10
86.500	0.00	0.00	0.019	0				0.10
86.583	0.00	0.00	0.019	0				0.10
86.667	0.00	0.00	0.019	0				0.10
86.750	0.00	0.00	0.019	0				0.10
86.833	0.00	0.00	0.019	0				0.10
86.917	0.00	0.00	0.019	0				0.10
87.000	0.00	0.00	0.019	0				0.10
87.083	0.00	0.00	0.019	0				0.10
87.167	0.00	0.00	0.019	0				0.10
87.250	0.00	0.00	0.019	0				0.10
87.333	0.00	0.00	0.019	0				0.10
87.417	0.00	0.00	0.019	0				0.10
87.500	0.00	0.00	0.018	0				0.10
87.583	0.00	0.00	0.018	0				0.10
87.667	0.00	0.00	0.018	0				0.10
87.750	0.00	0.00	0.018	0				0.10
87.833	0.00	0.00	0.018	0				0.10
87.917	0.00	0.00	0.018	0				0.10
88.000	0.00	0.00	0.018	0				0.10
88.083	0.00	0.00	0.018	0				0.10
88.167	0.00	0.00	0.018	0				0.10
88.250	0.00	0.00	0.018	0				0.10
88.333	0.00	0.00	0.018	0				0.10
88.417	0.00	0.00	0.018	0				0.10
88.500	0.00	0.00	0.018	0				0.10
88.583	0.00	0.00	0.018	0				0.10
88.667	0.00	0.00	0.018	0				0.10
88.750	0.00	0.00	0.018	0				0.10
88.833	0.00	0.00	0.018	0				0.10
88.917	0.00	0.00	0.018	0				0.10
89.000	0.00	0.00	0.018	0				0.10
89.083	0.00	0.00	0.018	0				0.10

89.167	0.00	0.00	0.018	0				0.10
89.250	0.00	0.00	0.018	0				0.10
89.333	0.00	0.00	0.018	0				0.10
89.417	0.00	0.00	0.018	0				0.10
89.500	0.00	0.00	0.018	0				0.10
89.583	0.00	0.00	0.018	0				0.10
89.667	0.00	0.00	0.018	0				0.10
89.750	0.00	0.00	0.018	0				0.10
89.833	0.00	0.00	0.018	0				0.10
89.917	0.00	0.00	0.018	0				0.10
90.000	0.00	0.00	0.018	0				0.10
90.083	0.00	0.00	0.018	0				0.10
90.167	0.00	0.00	0.018	0				0.10
90.250	0.00	0.00	0.018	0				0.10
90.333	0.00	0.00	0.018	0				0.10
90.417	0.00	0.00	0.018	0				0.10
90.500	0.00	0.00	0.018	0				0.10
90.583	0.00	0.00	0.017	0				0.10
90.667	0.00	0.00	0.017	0				0.10
90.750	0.00	0.00	0.017	0				0.10
90.833	0.00	0.00	0.017	0				0.10
90.917	0.00	0.00	0.017	0				0.10
91.000	0.00	0.00	0.017	0				0.10
91.083	0.00	0.00	0.017	0				0.10
91.167	0.00	0.00	0.017	0				0.10
91.250	0.00	0.00	0.017	0				0.10
91.333	0.00	0.00	0.017	0				0.10
91.417	0.00	0.00	0.017	0				0.10
91.500	0.00	0.00	0.017	0				0.10
91.583	0.00	0.00	0.017	0				0.10
91.667	0.00	0.00	0.017	0				0.10
91.750	0.00	0.00	0.017	0				0.10
91.833	0.00	0.00	0.017	0				0.09
91.917	0.00	0.00	0.017	0				0.09
92.000	0.00	0.00	0.017	0				0.09
92.083	0.00	0.00	0.017	0				0.09
92.167	0.00	0.00	0.017	0				0.09
92.250	0.00	0.00	0.017	0				0.09
92.333	0.00	0.00	0.017	0				0.09
92.417	0.00	0.00	0.017	0				0.09
92.500	0.00	0.00	0.017	0				0.09
92.583	0.00	0.00	0.017	0				0.09
92.667	0.00	0.00	0.017	0				0.09
92.750	0.00	0.00	0.017	0				0.09
92.833	0.00	0.00	0.017	0				0.09
92.917	0.00	0.00	0.017	0				0.09
93.000	0.00	0.00	0.017	0				0.09
93.083	0.00	0.00	0.017	0				0.09
93.167	0.00	0.00	0.017	0				0.09
93.250	0.00	0.00	0.017	0				0.09
93.333	0.00	0.00	0.017	0				0.09
93.417	0.00	0.00	0.017	0				0.09
93.500	0.00	0.00	0.017	0				0.09
93.583	0.00	0.00	0.017	0				0.09
93.667	0.00	0.00	0.017	0				0.09
93.750	0.00	0.00	0.016	0				0.09
93.833	0.00	0.00	0.016	0				0.09
93.917	0.00	0.00	0.016	0				0.09
94.000	0.00	0.00	0.016	0				0.09
94.083	0.00	0.00	0.016	0				0.09
94.167	0.00	0.00	0.016	0				0.09
94.250	0.00	0.00	0.016	0				0.09
94.333	0.00	0.00	0.016	0				0.09
94.417	0.00	0.00	0.016	0				0.09
94.500	0.00	0.00	0.016	0				0.09
94.583	0.00	0.00	0.016	0				0.09
94.667	0.00	0.00	0.016	0				0.09
94.750	0.00	0.00	0.016	0				0.09
94.833	0.00	0.00	0.016	0				0.09
94.917	0.00	0.00	0.016	0				0.09
95.000	0.00	0.00	0.016	0				0.09

95.083	0.00	0.00	0.016	0				0.09
95.167	0.00	0.00	0.016	0				0.09
95.250	0.00	0.00	0.016	0				0.09
95.333	0.00	0.00	0.016	0				0.09
95.417	0.00	0.00	0.016	0				0.09
95.500	0.00	0.00	0.016	0				0.09
95.583	0.00	0.00	0.016	0				0.09
95.667	0.00	0.00	0.016	0				0.09
95.750	0.00	0.00	0.016	0				0.09
95.833	0.00	0.00	0.016	0				0.09
95.917	0.00	0.00	0.016	0				0.09
96.000	0.00	0.00	0.016	0				0.09
96.083	0.00	0.00	0.016	0				0.09
96.167	0.00	0.00	0.016	0				0.09
96.250	0.00	0.00	0.016	0				0.09
96.333	0.00	0.00	0.016	0				0.09
96.417	0.00	0.00	0.016	0				0.09
96.500	0.00	0.00	0.016	0				0.09
96.583	0.00	0.00	0.016	0				0.09
96.667	0.00	0.00	0.016	0				0.09
96.750	0.00	0.00	0.016	0				0.09
96.833	0.00	0.00	0.016	0				0.09
96.917	0.00	0.00	0.016	0				0.09
97.000	0.00	0.00	0.016	0				0.09
97.083	0.00	0.00	0.016	0				0.09
97.167	0.00	0.00	0.015	0				0.09
97.250	0.00	0.00	0.015	0				0.09
97.333	0.00	0.00	0.015	0				0.09
97.417	0.00	0.00	0.015	0				0.09
97.500	0.00	0.00	0.015	0				0.09
97.583	0.00	0.00	0.015	0				0.09
97.667	0.00	0.00	0.015	0				0.09
97.750	0.00	0.00	0.015	0				0.09
97.833	0.00	0.00	0.015	0				0.08
97.917	0.00	0.00	0.015	0				0.08
98.000	0.00	0.00	0.015	0				0.08
98.083	0.00	0.00	0.015	0				0.08
98.167	0.00	0.00	0.015	0				0.08
98.250	0.00	0.00	0.015	0				0.08
98.333	0.00	0.00	0.015	0				0.08
98.417	0.00	0.00	0.015	0				0.08
98.500	0.00	0.00	0.015	0				0.08
98.583	0.00	0.00	0.015	0				0.08
98.667	0.00	0.00	0.015	0				0.08
98.750	0.00	0.00	0.015	0				0.08
98.833	0.00	0.00	0.015	0				0.08
98.917	0.00	0.00	0.015	0				0.08
99.000	0.00	0.00	0.015	0				0.08
99.083	0.00	0.00	0.015	0				0.08
99.167	0.00	0.00	0.015	0				0.08
99.250	0.00	0.00	0.015	0				0.08
99.333	0.00	0.00	0.015	0				0.08
99.417	0.00	0.00	0.015	0				0.08
99.500	0.00	0.00	0.015	0				0.08
99.583	0.00	0.00	0.015	0				0.08
99.667	0.00	0.00	0.015	0				0.08
99.750	0.00	0.00	0.015	0				0.08
99.833	0.00	0.00	0.015	0				0.08
99.917	0.00	0.00	0.015	0				0.08
100.000	0.00	0.00	0.015	0				0.08
100.083	0.00	0.00	0.015	0				0.08
100.167	0.00	0.00	0.015	0				0.08
100.250	0.00	0.00	0.015	0				0.08
100.333	0.00	0.00	0.015	0				0.08
100.417	0.00	0.00	0.015	0				0.08
100.500	0.00	0.00	0.015	0				0.08
100.583	0.00	0.00	0.015	0				0.08
100.667	0.00	0.00	0.015	0				0.08
100.750	0.00	0.00	0.014	0				0.08
100.833	0.00	0.00	0.014	0				0.08
100.917	0.00	0.00	0.014	0				0.08

101.000	0.00	0.00	0.014	0				0.08
101.083	0.00	0.00	0.014	0				0.08
101.167	0.00	0.00	0.014	0				0.08
101.250	0.00	0.00	0.014	0				0.08
101.333	0.00	0.00	0.014	0				0.08
101.417	0.00	0.00	0.014	0				0.08
101.500	0.00	0.00	0.014	0				0.08
101.583	0.00	0.00	0.014	0				0.08
101.667	0.00	0.00	0.014	0				0.08
101.750	0.00	0.00	0.014	0				0.08
101.833	0.00	0.00	0.014	0				0.08
101.917	0.00	0.00	0.014	0				0.08
102.000	0.00	0.00	0.014	0				0.08
102.083	0.00	0.00	0.014	0				0.08
102.167	0.00	0.00	0.014	0				0.08
102.250	0.00	0.00	0.014	0				0.08
102.333	0.00	0.00	0.014	0				0.08
102.417	0.00	0.00	0.014	0				0.08
102.500	0.00	0.00	0.014	0				0.08
102.583	0.00	0.00	0.014	0				0.08
102.667	0.00	0.00	0.014	0				0.08
102.750	0.00	0.00	0.014	0				0.08
102.833	0.00	0.00	0.014	0				0.08
102.917	0.00	0.00	0.014	0				0.08
103.000	0.00	0.00	0.014	0				0.08
103.083	0.00	0.00	0.014	0				0.08
103.167	0.00	0.00	0.014	0				0.08
103.250	0.00	0.00	0.014	0				0.08
103.333	0.00	0.00	0.014	0				0.08
103.417	0.00	0.00	0.014	0				0.08
103.500	0.00	0.00	0.014	0				0.08
103.583	0.00	0.00	0.014	0				0.08
103.667	0.00	0.00	0.014	0				0.08
103.750	0.00	0.00	0.014	0				0.08
103.833	0.00	0.00	0.014	0				0.08
103.917	0.00	0.00	0.014	0				0.08
104.000	0.00	0.00	0.014	0				0.08
104.083	0.00	0.00	0.014	0				0.08
104.167	0.00	0.00	0.014	0				0.08
104.250	0.00	0.00	0.014	0				0.08
104.333	0.00	0.00	0.014	0				0.08
104.417	0.00	0.00	0.014	0				0.08
104.500	0.00	0.00	0.014	0				0.08
104.583	0.00	0.00	0.014	0				0.08
104.667	0.00	0.00	0.013	0				0.07
104.750	0.00	0.00	0.013	0				0.07
104.833	0.00	0.00	0.013	0				0.07
104.917	0.00	0.00	0.013	0				0.07
105.000	0.00	0.00	0.013	0				0.07
105.083	0.00	0.00	0.013	0				0.07
105.167	0.00	0.00	0.013	0				0.07
105.250	0.00	0.00	0.013	0				0.07
105.333	0.00	0.00	0.013	0				0.07
105.417	0.00	0.00	0.013	0				0.07
105.500	0.00	0.00	0.013	0				0.07
105.583	0.00	0.00	0.013	0				0.07
105.667	0.00	0.00	0.013	0				0.07
105.750	0.00	0.00	0.013	0				0.07
105.833	0.00	0.00	0.013	0				0.07
105.917	0.00	0.00	0.013	0				0.07
106.000	0.00	0.00	0.013	0				0.07
106.083	0.00	0.00	0.013	0				0.07
106.167	0.00	0.00	0.013	0				0.07
106.250	0.00	0.00	0.013	0				0.07
106.333	0.00	0.00	0.013	0				0.07
106.417	0.00	0.00	0.013	0				0.07
106.500	0.00	0.00	0.013	0				0.07
106.583	0.00	0.00	0.013	0				0.07
106.667	0.00	0.00	0.013	0				0.07
106.750	0.00	0.00	0.013	0				0.07
106.833	0.00	0.00	0.013	0				0.07

106.917	0.00	0.00	0.013	0				0.07
107.000	0.00	0.00	0.013	0				0.07
107.083	0.00	0.00	0.013	0				0.07
107.167	0.00	0.00	0.013	0				0.07
107.250	0.00	0.00	0.013	0				0.07
107.333	0.00	0.00	0.013	0				0.07
107.417	0.00	0.00	0.013	0				0.07
107.500	0.00	0.00	0.013	0				0.07
107.583	0.00	0.00	0.013	0				0.07
107.667	0.00	0.00	0.013	0				0.07
107.750	0.00	0.00	0.013	0				0.07
107.833	0.00	0.00	0.013	0				0.07
107.917	0.00	0.00	0.013	0				0.07
108.000	0.00	0.00	0.013	0				0.07
108.083	0.00	0.00	0.013	0				0.07
108.167	0.00	0.00	0.013	0				0.07
108.250	0.00	0.00	0.013	0				0.07
108.333	0.00	0.00	0.013	0				0.07
108.417	0.00	0.00	0.013	0				0.07
108.500	0.00	0.00	0.013	0				0.07
108.583	0.00	0.00	0.013	0				0.07
108.667	0.00	0.00	0.013	0				0.07
108.750	0.00	0.00	0.013	0				0.07
108.833	0.00	0.00	0.012	0				0.07
108.917	0.00	0.00	0.012	0				0.07
109.000	0.00	0.00	0.012	0				0.07
109.083	0.00	0.00	0.012	0				0.07
109.167	0.00	0.00	0.012	0				0.07
109.250	0.00	0.00	0.012	0				0.07
109.333	0.00	0.00	0.012	0				0.07
109.417	0.00	0.00	0.012	0				0.07
109.500	0.00	0.00	0.012	0				0.07
109.583	0.00	0.00	0.012	0				0.07
109.667	0.00	0.00	0.012	0				0.07
109.750	0.00	0.00	0.012	0				0.07
109.833	0.00	0.00	0.012	0				0.07
109.917	0.00	0.00	0.012	0				0.07
110.000	0.00	0.00	0.012	0				0.07
110.083	0.00	0.00	0.012	0				0.07
110.167	0.00	0.00	0.012	0				0.07
110.250	0.00	0.00	0.012	0				0.07
110.333	0.00	0.00	0.012	0				0.07
110.417	0.00	0.00	0.012	0				0.07
110.500	0.00	0.00	0.012	0				0.07
110.583	0.00	0.00	0.012	0				0.07
110.667	0.00	0.00	0.012	0				0.07
110.750	0.00	0.00	0.012	0				0.07
110.833	0.00	0.00	0.012	0				0.07
110.917	0.00	0.00	0.012	0				0.07
111.000	0.00	0.00	0.012	0				0.07
111.083	0.00	0.00	0.012	0				0.07
111.167	0.00	0.00	0.012	0				0.07
111.250	0.00	0.00	0.012	0				0.07
111.333	0.00	0.00	0.012	0				0.07
111.417	0.00	0.00	0.012	0				0.07
111.500	0.00	0.00	0.012	0				0.07
111.583	0.00	0.00	0.012	0				0.07
111.667	0.00	0.00	0.012	0				0.07
111.750	0.00	0.00	0.012	0				0.07
111.833	0.00	0.00	0.012	0				0.07
111.917	0.00	0.00	0.012	0				0.07
112.000	0.00	0.00	0.012	0				0.07
112.083	0.00	0.00	0.012	0				0.07
112.167	0.00	0.00	0.012	0				0.07
112.250	0.00	0.00	0.012	0				0.07
112.333	0.00	0.00	0.012	0				0.07
112.417	0.00	0.00	0.012	0				0.07
112.500	0.00	0.00	0.012	0				0.06
112.583	0.00	0.00	0.012	0				0.06
112.667	0.00	0.00	0.012	0				0.06
112.750	0.00	0.00	0.012	0				0.06

112.833	0.00	0.00	0.012	0					0.06
112.917	0.00	0.00	0.012	0					0.06
113.000	0.00	0.00	0.012	0					0.06
113.083	0.00	0.00	0.012	0					0.06
113.167	0.00	0.00	0.012	0					0.06
113.250	0.00	0.00	0.012	0					0.06
113.333	0.00	0.00	0.012	0					0.06
113.417	0.00	0.00	0.011	0					0.06
113.500	0.00	0.00	0.011	0					0.06
113.583	0.00	0.00	0.011	0					0.06
113.667	0.00	0.00	0.011	0					0.06
113.750	0.00	0.00	0.011	0					0.06
113.833	0.00	0.00	0.011	0					0.06
113.917	0.00	0.00	0.011	0					0.06
114.000	0.00	0.00	0.011	0					0.06
114.083	0.00	0.00	0.011	0					0.06
114.167	0.00	0.00	0.011	0					0.06
114.250	0.00	0.00	0.011	0					0.06
114.333	0.00	0.00	0.011	0					0.06
114.417	0.00	0.00	0.011	0					0.06
114.500	0.00	0.00	0.011	0					0.06
114.583	0.00	0.00	0.011	0					0.06
114.667	0.00	0.00	0.011	0					0.06
114.750	0.00	0.00	0.011	0					0.06
114.833	0.00	0.00	0.011	0					0.06
114.917	0.00	0.00	0.011	0					0.06
115.000	0.00	0.00	0.011	0					0.06
115.083	0.00	0.00	0.011	0					0.06
115.167	0.00	0.00	0.011	0					0.06
115.250	0.00	0.00	0.011	0					0.06
115.333	0.00	0.00	0.011	0					0.06
115.417	0.00	0.00	0.011	0					0.06
115.500	0.00	0.00	0.011	0					0.06
115.583	0.00	0.00	0.011	0					0.06
115.667	0.00	0.00	0.011	0					0.06
115.750	0.00	0.00	0.011	0					0.06
115.833	0.00	0.00	0.011	0					0.06
115.917	0.00	0.00	0.011	0					0.06
116.000	0.00	0.00	0.011	0					0.06
116.083	0.00	0.00	0.011	0					0.06
116.167	0.00	0.00	0.011	0					0.06
116.250	0.00	0.00	0.011	0					0.06
116.333	0.00	0.00	0.011	0					0.06
116.417	0.00	0.00	0.011	0					0.06
116.500	0.00	0.00	0.011	0					0.06
116.583	0.00	0.00	0.011	0					0.06
116.667	0.00	0.00	0.011	0					0.06
116.750	0.00	0.00	0.011	0					0.06
116.833	0.00	0.00	0.011	0					0.06
116.917	0.00	0.00	0.011	0					0.06
117.000	0.00	0.00	0.011	0					0.06
117.083	0.00	0.00	0.011	0					0.06
117.167	0.00	0.00	0.011	0					0.06
117.250	0.00	0.00	0.011	0					0.06
117.333	0.00	0.00	0.011	0					0.06
117.417	0.00	0.00	0.011	0					0.06
117.500	0.00	0.00	0.011	0					0.06
117.583	0.00	0.00	0.011	0					0.06
117.667	0.00	0.00	0.011	0					0.06
117.750	0.00	0.00	0.011	0					0.06
117.833	0.00	0.00	0.011	0					0.06
117.917	0.00	0.00	0.011	0					0.06
118.000	0.00	0.00	0.011	0					0.06
118.083	0.00	0.00	0.011	0					0.06
118.167	0.00	0.00	0.011	0					0.06
118.250	0.00	0.00	0.011	0					0.06
118.333	0.00	0.00	0.010	0					0.06
118.417	0.00	0.00	0.010	0					0.06
118.500	0.00	0.00	0.010	0					0.06
118.583	0.00	0.00	0.010	0					0.06
118.667	0.00	0.00	0.010	0					0.06

118.750	0.00	0.00	0.010	0				0.06
118.833	0.00	0.00	0.010	0				0.06
118.917	0.00	0.00	0.010	0				0.06
119.000	0.00	0.00	0.010	0				0.06
119.083	0.00	0.00	0.010	0				0.06
119.167	0.00	0.00	0.010	0				0.06
119.250	0.00	0.00	0.010	0				0.06
119.333	0.00	0.00	0.010	0				0.06
119.417	0.00	0.00	0.010	0				0.06
119.500	0.00	0.00	0.010	0				0.06
119.583	0.00	0.00	0.010	0				0.06
119.667	0.00	0.00	0.010	0				0.06
119.750	0.00	0.00	0.010	0				0.06
119.833	0.00	0.00	0.010	0				0.06
119.917	0.00	0.00	0.010	0				0.06
120.000	0.00	0.00	0.010	0				0.06
120.083	0.00	0.00	0.010	0				0.06
120.167	0.00	0.00	0.010	0				0.06
120.250	0.00	0.00	0.010	0				0.06
120.333	0.00	0.00	0.010	0				0.06
120.417	0.00	0.00	0.010	0				0.06
120.500	0.00	0.00	0.010	0				0.06
120.583	0.00	0.00	0.010	0				0.06
120.667	0.00	0.00	0.010	0				0.06
120.750	0.00	0.00	0.010	0				0.06
120.833	0.00	0.00	0.010	0				0.06
120.917	0.00	0.00	0.010	0				0.06
121.000	0.00	0.00	0.010	0				0.06
121.083	0.00	0.00	0.010	0				0.06
121.167	0.00	0.00	0.010	0				0.06
121.250	0.00	0.00	0.010	0				0.06
121.333	0.00	0.00	0.010	0				0.06
121.417	0.00	0.00	0.010	0				0.06
121.500	0.00	0.00	0.010	0				0.06
121.583	0.00	0.00	0.010	0				0.05
121.667	0.00	0.00	0.010	0				0.05
121.750	0.00	0.00	0.010	0				0.05
121.833	0.00	0.00	0.010	0				0.05
121.917	0.00	0.00	0.010	0				0.05
122.000	0.00	0.00	0.010	0				0.05
122.083	0.00	0.00	0.010	0				0.05
122.167	0.00	0.00	0.010	0				0.05
122.250	0.00	0.00	0.010	0				0.05
122.333	0.00	0.00	0.010	0				0.05
122.417	0.00	0.00	0.010	0				0.05
122.500	0.00	0.00	0.010	0				0.05
122.583	0.00	0.00	0.010	0				0.05
122.667	0.00	0.00	0.010	0				0.05
122.750	0.00	0.00	0.010	0				0.05
122.833	0.00	0.00	0.010	0				0.05
122.917	0.00	0.00	0.010	0				0.05
123.000	0.00	0.00	0.010	0				0.05
123.083	0.00	0.00	0.010	0				0.05
123.167	0.00	0.00	0.010	0				0.05
123.250	0.00	0.00	0.010	0				0.05
123.333	0.00	0.00	0.010	0				0.05
123.417	0.00	0.00	0.010	0				0.05
123.500	0.00	0.00	0.010	0				0.05
123.583	0.00	0.00	0.010	0				0.05
123.667	0.00	0.00	0.010	0				0.05
123.750	0.00	0.00	0.010	0				0.05
123.833	0.00	0.00	0.009	0				0.05
123.917	0.00	0.00	0.009	0				0.05
124.000	0.00	0.00	0.009	0				0.05
124.083	0.00	0.00	0.009	0				0.05
124.167	0.00	0.00	0.009	0				0.05
124.250	0.00	0.00	0.009	0				0.05
124.333	0.00	0.00	0.009	0				0.05
124.417	0.00	0.00	0.009	0				0.05
124.500	0.00	0.00	0.009	0				0.05
124.583	0.00	0.00	0.009	0				0.05

124.667	0.00	0.00	0.009	0				0.05
124.750	0.00	0.00	0.009	0				0.05
124.833	0.00	0.00	0.009	0				0.05
124.917	0.00	0.00	0.009	0				0.05
125.000	0.00	0.00	0.009	0				0.05
125.083	0.00	0.00	0.009	0				0.05
125.167	0.00	0.00	0.009	0				0.05
125.250	0.00	0.00	0.009	0				0.05
125.333	0.00	0.00	0.009	0				0.05
125.417	0.00	0.00	0.009	0				0.05
125.500	0.00	0.00	0.009	0				0.05
125.583	0.00	0.00	0.009	0				0.05
125.667	0.00	0.00	0.009	0				0.05
125.750	0.00	0.00	0.009	0				0.05
125.833	0.00	0.00	0.009	0				0.05
125.917	0.00	0.00	0.009	0				0.05
126.000	0.00	0.00	0.009	0				0.05
126.083	0.00	0.00	0.009	0				0.05
126.167	0.00	0.00	0.009	0				0.05
126.250	0.00	0.00	0.009	0				0.05
126.333	0.00	0.00	0.009	0				0.05
126.417	0.00	0.00	0.009	0				0.05
126.500	0.00	0.00	0.009	0				0.05
126.583	0.00	0.00	0.009	0				0.05
126.667	0.00	0.00	0.009	0				0.05
126.750	0.00	0.00	0.009	0				0.05
126.833	0.00	0.00	0.009	0				0.05
126.917	0.00	0.00	0.009	0				0.05
127.000	0.00	0.00	0.009	0				0.05
127.083	0.00	0.00	0.009	0				0.05
127.167	0.00	0.00	0.009	0				0.05
127.250	0.00	0.00	0.009	0				0.05
127.333	0.00	0.00	0.009	0				0.05
127.417	0.00	0.00	0.009	0				0.05
127.500	0.00	0.00	0.009	0				0.05
127.583	0.00	0.00	0.009	0				0.05
127.667	0.00	0.00	0.009	0				0.05
127.750	0.00	0.00	0.009	0				0.05
127.833	0.00	0.00	0.009	0				0.05
127.917	0.00	0.00	0.009	0				0.05
128.000	0.00	0.00	0.009	0				0.05
128.083	0.00	0.00	0.009	0				0.05
128.167	0.00	0.00	0.009	0				0.05
128.250	0.00	0.00	0.009	0				0.05
128.333	0.00	0.00	0.009	0				0.05
128.417	0.00	0.00	0.009	0				0.05
128.500	0.00	0.00	0.009	0				0.05
128.583	0.00	0.00	0.009	0				0.05
128.667	0.00	0.00	0.009	0				0.05
128.750	0.00	0.00	0.009	0				0.05
128.833	0.00	0.00	0.009	0				0.05
128.917	0.00	0.00	0.009	0				0.05
129.000	0.00	0.00	0.009	0				0.05
129.083	0.00	0.00	0.009	0				0.05
129.167	0.00	0.00	0.009	0				0.05
129.250	0.00	0.00	0.009	0				0.05
129.333	0.00	0.00	0.009	0				0.05
129.417	0.00	0.00	0.009	0				0.05
129.500	0.00	0.00	0.009	0				0.05
129.583	0.00	0.00	0.009	0				0.05
129.667	0.00	0.00	0.009	0				0.05
129.750	0.00	0.00	0.009	0				0.05
129.833	0.00	0.00	0.008	0				0.05
129.917	0.00	0.00	0.008	0				0.05
130.000	0.00	0.00	0.008	0				0.05
130.083	0.00	0.00	0.008	0				0.05
130.167	0.00	0.00	0.008	0				0.05
130.250	0.00	0.00	0.008	0				0.05
130.333	0.00	0.00	0.008	0				0.05
130.417	0.00	0.00	0.008	0				0.05
130.500	0.00	0.00	0.008	0				0.05

130.583	0.00	0.00	0.008	0				0.05
130.667	0.00	0.00	0.008	0				0.05
130.750	0.00	0.00	0.008	0				0.05
130.833	0.00	0.00	0.008	0				0.05
130.917	0.00	0.00	0.008	0				0.05
131.000	0.00	0.00	0.008	0				0.05
131.083	0.00	0.00	0.008	0				0.05
131.167	0.00	0.00	0.008	0				0.05
131.250	0.00	0.00	0.008	0				0.05
131.333	0.00	0.00	0.008	0				0.05
131.417	0.00	0.00	0.008	0				0.05
131.500	0.00	0.00	0.008	0				0.05
131.583	0.00	0.00	0.008	0				0.05
131.667	0.00	0.00	0.008	0				0.05
131.750	0.00	0.00	0.008	0				0.05
131.833	0.00	0.00	0.008	0				0.05
131.917	0.00	0.00	0.008	0				0.05
132.000	0.00	0.00	0.008	0				0.05
132.083	0.00	0.00	0.008	0				0.05
132.167	0.00	0.00	0.008	0				0.05
132.250	0.00	0.00	0.008	0				0.05
132.333	0.00	0.00	0.008	0				0.05
132.417	0.00	0.00	0.008	0				0.05
132.500	0.00	0.00	0.008	0				0.04
132.583	0.00	0.00	0.008	0				0.04
132.667	0.00	0.00	0.008	0				0.04
132.750	0.00	0.00	0.008	0				0.04
132.833	0.00	0.00	0.008	0				0.04
132.917	0.00	0.00	0.008	0				0.04
133.000	0.00	0.00	0.008	0				0.04
133.083	0.00	0.00	0.008	0				0.04
133.167	0.00	0.00	0.008	0				0.04
133.250	0.00	0.00	0.008	0				0.04
133.333	0.00	0.00	0.008	0				0.04
133.417	0.00	0.00	0.008	0				0.04
133.500	0.00	0.00	0.008	0				0.04
133.583	0.00	0.00	0.008	0				0.04
133.667	0.00	0.00	0.008	0				0.04
133.750	0.00	0.00	0.008	0				0.04
133.833	0.00	0.00	0.008	0				0.04
133.917	0.00	0.00	0.008	0				0.04
134.000	0.00	0.00	0.008	0				0.04
134.083	0.00	0.00	0.008	0				0.04
134.167	0.00	0.00	0.008	0				0.04
134.250	0.00	0.00	0.008	0				0.04
134.333	0.00	0.00	0.008	0				0.04
134.417	0.00	0.00	0.008	0				0.04
134.500	0.00	0.00	0.008	0				0.04
134.583	0.00	0.00	0.008	0				0.04
134.667	0.00	0.00	0.008	0				0.04
134.750	0.00	0.00	0.008	0				0.04
134.833	0.00	0.00	0.008	0				0.04
134.917	0.00	0.00	0.008	0				0.04
135.000	0.00	0.00	0.008	0				0.04
135.083	0.00	0.00	0.008	0				0.04
135.167	0.00	0.00	0.008	0				0.04
135.250	0.00	0.00	0.008	0				0.04
135.333	0.00	0.00	0.008	0				0.04
135.417	0.00	0.00	0.008	0				0.04
135.500	0.00	0.00	0.008	0				0.04
135.583	0.00	0.00	0.008	0				0.04
135.667	0.00	0.00	0.008	0				0.04
135.750	0.00	0.00	0.008	0				0.04
135.833	0.00	0.00	0.008	0				0.04
135.917	0.00	0.00	0.008	0				0.04
136.000	0.00	0.00	0.008	0				0.04
136.083	0.00	0.00	0.008	0				0.04
136.167	0.00	0.00	0.008	0				0.04
136.250	0.00	0.00	0.008	0				0.04
136.333	0.00	0.00	0.008	0				0.04
136.417	0.00	0.00	0.008	0				0.04

136.500	0.00	0.00	0.008	0				0.04
136.583	0.00	0.00	0.008	0				0.04
136.667	0.00	0.00	0.007	0				0.04
136.750	0.00	0.00	0.007	0				0.04
136.833	0.00	0.00	0.007	0				0.04
136.917	0.00	0.00	0.007	0				0.04
137.000	0.00	0.00	0.007	0				0.04
137.083	0.00	0.00	0.007	0				0.04
137.167	0.00	0.00	0.007	0				0.04
137.250	0.00	0.00	0.007	0				0.04
137.333	0.00	0.00	0.007	0				0.04
137.417	0.00	0.00	0.007	0				0.04
137.500	0.00	0.00	0.007	0				0.04
137.583	0.00	0.00	0.007	0				0.04
137.667	0.00	0.00	0.007	0				0.04
137.750	0.00	0.00	0.007	0				0.04
137.833	0.00	0.00	0.007	0				0.04
137.917	0.00	0.00	0.007	0				0.04
138.000	0.00	0.00	0.007	0				0.04
138.083	0.00	0.00	0.007	0				0.04
138.167	0.00	0.00	0.007	0				0.04
138.250	0.00	0.00	0.007	0				0.04
138.333	0.00	0.00	0.007	0				0.04
138.417	0.00	0.00	0.007	0				0.04
138.500	0.00	0.00	0.007	0				0.04
138.583	0.00	0.00	0.007	0				0.04
138.667	0.00	0.00	0.007	0				0.04
138.750	0.00	0.00	0.007	0				0.04
138.833	0.00	0.00	0.007	0				0.04
138.917	0.00	0.00	0.007	0				0.04
139.000	0.00	0.00	0.007	0				0.04
139.083	0.00	0.00	0.007	0				0.04
139.167	0.00	0.00	0.007	0				0.04
139.250	0.00	0.00	0.007	0				0.04
139.333	0.00	0.00	0.007	0				0.04
139.417	0.00	0.00	0.007	0				0.04
139.500	0.00	0.00	0.007	0				0.04
139.583	0.00	0.00	0.007	0				0.04
139.667	0.00	0.00	0.007	0				0.04
139.750	0.00	0.00	0.007	0				0.04
139.833	0.00	0.00	0.007	0				0.04
139.917	0.00	0.00	0.007	0				0.04
140.000	0.00	0.00	0.007	0				0.04
140.083	0.00	0.00	0.007	0				0.04
140.167	0.00	0.00	0.007	0				0.04
140.250	0.00	0.00	0.007	0				0.04
140.333	0.00	0.00	0.007	0				0.04
140.417	0.00	0.00	0.007	0				0.04
140.500	0.00	0.00	0.007	0				0.04
140.583	0.00	0.00	0.007	0				0.04
140.667	0.00	0.00	0.007	0				0.04
140.750	0.00	0.00	0.007	0				0.04
140.833	0.00	0.00	0.007	0				0.04
140.917	0.00	0.00	0.007	0				0.04
141.000	0.00	0.00	0.007	0				0.04
141.083	0.00	0.00	0.007	0				0.04
141.167	0.00	0.00	0.007	0				0.04
141.250	0.00	0.00	0.007	0				0.04
141.333	0.00	0.00	0.007	0				0.04
141.417	0.00	0.00	0.007	0				0.04
141.500	0.00	0.00	0.007	0				0.04
141.583	0.00	0.00	0.007	0				0.04
141.667	0.00	0.00	0.007	0				0.04
141.750	0.00	0.00	0.007	0				0.04
141.833	0.00	0.00	0.007	0				0.04
141.917	0.00	0.00	0.007	0				0.04
142.000	0.00	0.00	0.007	0				0.04
142.083	0.00	0.00	0.007	0				0.04
142.167	0.00	0.00	0.007	0				0.04
142.250	0.00	0.00	0.007	0				0.04
142.333	0.00	0.00	0.007	0				0.04

142.417	0.00	0.00	0.007	0				0.04
142.500	0.00	0.00	0.007	0				0.04
142.583	0.00	0.00	0.007	0				0.04
142.667	0.00	0.00	0.007	0				0.04
142.750	0.00	0.00	0.007	0				0.04
142.833	0.00	0.00	0.007	0				0.04
142.917	0.00	0.00	0.007	0				0.04
143.000	0.00	0.00	0.007	0				0.04
143.083	0.00	0.00	0.007	0				0.04
143.167	0.00	0.00	0.007	0				0.04
143.250	0.00	0.00	0.007	0				0.04
143.333	0.00	0.00	0.007	0				0.04
143.417	0.00	0.00	0.007	0				0.04
143.500	0.00	0.00	0.007	0				0.04
143.583	0.00	0.00	0.007	0				0.04
143.667	0.00	0.00	0.007	0				0.04
143.750	0.00	0.00	0.007	0				0.04
143.833	0.00	0.00	0.007	0				0.04
143.917	0.00	0.00	0.007	0				0.04
144.000	0.00	0.00	0.007	0				0.04
144.083	0.00	0.00	0.007	0				0.04
144.167	0.00	0.00	0.007	0				0.04
144.250	0.00	0.00	0.007	0				0.04
144.333	0.00	0.00	0.007	0				0.04
144.417	0.00	0.00	0.007	0				0.04
144.500	0.00	0.00	0.006	0				0.04
144.583	0.00	0.00	0.006	0				0.04
144.667	0.00	0.00	0.006	0				0.04
144.750	0.00	0.00	0.006	0				0.04
144.833	0.00	0.00	0.006	0				0.04
144.917	0.00	0.00	0.006	0				0.04
145.000	0.00	0.00	0.006	0				0.04
145.083	0.00	0.00	0.006	0				0.04
145.167	0.00	0.00	0.006	0				0.04
145.250	0.00	0.00	0.006	0				0.04
145.333	0.00	0.00	0.006	0				0.04
145.417	0.00	0.00	0.006	0				0.04
145.500	0.00	0.00	0.006	0				0.04
145.583	0.00	0.00	0.006	0				0.04
145.667	0.00	0.00	0.006	0				0.04
145.750	0.00	0.00	0.006	0				0.04
145.833	0.00	0.00	0.006	0				0.04
145.917	0.00	0.00	0.006	0				0.04
146.000	0.00	0.00	0.006	0				0.04
146.083	0.00	0.00	0.006	0				0.04
146.167	0.00	0.00	0.006	0				0.03
146.250	0.00	0.00	0.006	0				0.03
146.333	0.00	0.00	0.006	0				0.03
146.417	0.00	0.00	0.006	0				0.03
146.500	0.00	0.00	0.006	0				0.03
146.583	0.00	0.00	0.006	0				0.03
146.667	0.00	0.00	0.006	0				0.03
146.750	0.00	0.00	0.006	0				0.03
146.833	0.00	0.00	0.006	0				0.03
146.917	0.00	0.00	0.006	0				0.03
147.000	0.00	0.00	0.006	0				0.03
147.083	0.00	0.00	0.006	0				0.03
147.167	0.00	0.00	0.006	0				0.03
147.250	0.00	0.00	0.006	0				0.03
147.333	0.00	0.00	0.006	0				0.03
147.417	0.00	0.00	0.006	0				0.03
147.500	0.00	0.00	0.006	0				0.03
147.583	0.00	0.00	0.006	0				0.03
147.667	0.00	0.00	0.006	0				0.03
147.750	0.00	0.00	0.006	0				0.03
147.833	0.00	0.00	0.006	0				0.03
147.917	0.00	0.00	0.006	0				0.03
148.000	0.00	0.00	0.006	0				0.03
148.083	0.00	0.00	0.006	0				0.03
148.167	0.00	0.00	0.006	0				0.03
148.250	0.00	0.00	0.006	0				0.03

148.333	0.00	0.00	0.006	0				0.03
148.417	0.00	0.00	0.006	0				0.03
148.500	0.00	0.00	0.006	0				0.03
148.583	0.00	0.00	0.006	0				0.03
148.667	0.00	0.00	0.006	0				0.03
148.750	0.00	0.00	0.006	0				0.03
148.833	0.00	0.00	0.006	0				0.03
148.917	0.00	0.00	0.006	0				0.03
149.000	0.00	0.00	0.006	0				0.03
149.083	0.00	0.00	0.006	0				0.03
149.167	0.00	0.00	0.006	0				0.03
149.250	0.00	0.00	0.006	0				0.03
149.333	0.00	0.00	0.006	0				0.03
149.417	0.00	0.00	0.006	0				0.03
149.500	0.00	0.00	0.006	0				0.03
149.583	0.00	0.00	0.006	0				0.03
149.667	0.00	0.00	0.006	0				0.03
149.750	0.00	0.00	0.006	0				0.03
149.833	0.00	0.00	0.006	0				0.03
149.917	0.00	0.00	0.006	0				0.03
150.000	0.00	0.00	0.006	0				0.03
150.083	0.00	0.00	0.006	0				0.03
150.167	0.00	0.00	0.006	0				0.03
150.250	0.00	0.00	0.006	0				0.03
150.333	0.00	0.00	0.006	0				0.03
150.417	0.00	0.00	0.006	0				0.03
150.500	0.00	0.00	0.006	0				0.03
150.583	0.00	0.00	0.006	0				0.03
150.667	0.00	0.00	0.006	0				0.03
150.750	0.00	0.00	0.006	0				0.03
150.833	0.00	0.00	0.006	0				0.03
150.917	0.00	0.00	0.006	0				0.03
151.000	0.00	0.00	0.006	0				0.03
151.083	0.00	0.00	0.006	0				0.03
151.167	0.00	0.00	0.006	0				0.03
151.250	0.00	0.00	0.006	0				0.03
151.333	0.00	0.00	0.006	0				0.03
151.417	0.00	0.00	0.006	0				0.03
151.500	0.00	0.00	0.006	0				0.03
151.583	0.00	0.00	0.006	0				0.03
151.667	0.00	0.00	0.006	0				0.03
151.750	0.00	0.00	0.006	0				0.03
151.833	0.00	0.00	0.006	0				0.03
151.917	0.00	0.00	0.006	0				0.03
152.000	0.00	0.00	0.006	0				0.03
152.083	0.00	0.00	0.006	0				0.03
152.167	0.00	0.00	0.006	0				0.03
152.250	0.00	0.00	0.006	0				0.03
152.333	0.00	0.00	0.006	0				0.03
152.417	0.00	0.00	0.006	0				0.03
152.500	0.00	0.00	0.006	0				0.03
152.583	0.00	0.00	0.006	0				0.03
152.667	0.00	0.00	0.006	0				0.03
152.750	0.00	0.00	0.006	0				0.03
152.833	0.00	0.00	0.006	0				0.03
152.917	0.00	0.00	0.006	0				0.03
153.000	0.00	0.00	0.006	0				0.03
153.083	0.00	0.00	0.006	0				0.03
153.167	0.00	0.00	0.006	0				0.03
153.250	0.00	0.00	0.006	0				0.03
153.333	0.00	0.00	0.006	0				0.03
153.417	0.00	0.00	0.006	0				0.03
153.500	0.00	0.00	0.006	0				0.03
153.583	0.00	0.00	0.005	0				0.03
153.667	0.00	0.00	0.005	0				0.03
153.750	0.00	0.00	0.005	0				0.03
153.833	0.00	0.00	0.005	0				0.03
153.917	0.00	0.00	0.005	0				0.03
154.000	0.00	0.00	0.005	0				0.03
154.083	0.00	0.00	0.005	0				0.03
154.167	0.00	0.00	0.005	0				0.03

154.250	0.00	0.00	0.005	0					0.03
154.333	0.00	0.00	0.005	0					0.03
154.417	0.00	0.00	0.005	0					0.03
154.500	0.00	0.00	0.005	0					0.03
154.583	0.00	0.00	0.005	0					0.03
154.667	0.00	0.00	0.005	0					0.03
154.750	0.00	0.00	0.005	0					0.03
154.833	0.00	0.00	0.005	0					0.03
154.917	0.00	0.00	0.005	0					0.03
155.000	0.00	0.00	0.005	0					0.03
155.083	0.00	0.00	0.005	0					0.03
155.167	0.00	0.00	0.005	0					0.03
155.250	0.00	0.00	0.005	0					0.03
155.333	0.00	0.00	0.005	0					0.03
155.417	0.00	0.00	0.005	0					0.03
155.500	0.00	0.00	0.005	0					0.03
155.583	0.00	0.00	0.005	0					0.03
155.667	0.00	0.00	0.005	0					0.03
155.750	0.00	0.00	0.005	0					0.03
155.833	0.00	0.00	0.005	0					0.03
155.917	0.00	0.00	0.005	0					0.03
156.000	0.00	0.00	0.005	0					0.03
156.083	0.00	0.00	0.005	0					0.03
156.167	0.00	0.00	0.005	0					0.03
156.250	0.00	0.00	0.005	0					0.03
156.333	0.00	0.00	0.005	0					0.03
156.417	0.00	0.00	0.005	0					0.03
156.500	0.00	0.00	0.005	0					0.03
156.583	0.00	0.00	0.005	0					0.03
156.667	0.00	0.00	0.005	0					0.03
156.750	0.00	0.00	0.005	0					0.03
156.833	0.00	0.00	0.005	0					0.03
156.917	0.00	0.00	0.005	0					0.03
157.000	0.00	0.00	0.005	0					0.03
157.083	0.00	0.00	0.005	0					0.03
157.167	0.00	0.00	0.005	0					0.03
157.250	0.00	0.00	0.005	0					0.03
157.333	0.00	0.00	0.005	0					0.03
157.417	0.00	0.00	0.005	0					0.03
157.500	0.00	0.00	0.005	0					0.03
157.583	0.00	0.00	0.005	0					0.03
157.667	0.00	0.00	0.005	0					0.03
157.750	0.00	0.00	0.005	0					0.03
157.833	0.00	0.00	0.005	0					0.03
157.917	0.00	0.00	0.005	0					0.03
158.000	0.00	0.00	0.005	0					0.03
158.083	0.00	0.00	0.005	0					0.03
158.167	0.00	0.00	0.005	0					0.03
158.250	0.00	0.00	0.005	0					0.03
158.333	0.00	0.00	0.005	0					0.03
158.417	0.00	0.00	0.005	0					0.03
158.500	0.00	0.00	0.005	0					0.03
158.583	0.00	0.00	0.005	0					0.03
158.667	0.00	0.00	0.005	0					0.03
158.750	0.00	0.00	0.005	0					0.03
158.833	0.00	0.00	0.005	0					0.03
158.917	0.00	0.00	0.005	0					0.03
159.000	0.00	0.00	0.005	0					0.03
159.083	0.00	0.00	0.005	0					0.03
159.167	0.00	0.00	0.005	0					0.03
159.250	0.00	0.00	0.005	0					0.03
159.333	0.00	0.00	0.005	0					0.03
159.417	0.00	0.00	0.005	0					0.03
159.500	0.00	0.00	0.005	0					0.03
159.583	0.00	0.00	0.005	0					0.03
159.667	0.00	0.00	0.005	0					0.03
159.750	0.00	0.00	0.005	0					0.03
159.833	0.00	0.00	0.005	0					0.03
159.917	0.00	0.00	0.005	0					0.03
160.000	0.00	0.00	0.005	0					0.03
160.083	0.00	0.00	0.005	0					0.03

160.167	0.00	0.00	0.005	0					0.03
160.250	0.00	0.00	0.005	0					0.03
160.333	0.00	0.00	0.005	0					0.03
160.417	0.00	0.00	0.005	0					0.03
160.500	0.00	0.00	0.005	0					0.03
160.583	0.00	0.00	0.005	0					0.03
160.667	0.00	0.00	0.005	0					0.03
160.750	0.00	0.00	0.005	0					0.03
160.833	0.00	0.00	0.005	0					0.03
160.917	0.00	0.00	0.005	0					0.03
161.000	0.00	0.00	0.005	0					0.03
161.083	0.00	0.00	0.005	0					0.03
161.167	0.00	0.00	0.005	0					0.03
161.250	0.00	0.00	0.005	0					0.03
161.333	0.00	0.00	0.005	0					0.03
161.417	0.00	0.00	0.005	0					0.03
161.500	0.00	0.00	0.005	0					0.03
161.583	0.00	0.00	0.005	0					0.03
161.667	0.00	0.00	0.005	0					0.03
161.750	0.00	0.00	0.005	0					0.03
161.833	0.00	0.00	0.005	0					0.03
161.917	0.00	0.00	0.005	0					0.03
162.000	0.00	0.00	0.005	0					0.03
162.083	0.00	0.00	0.005	0					0.03
162.167	0.00	0.00	0.005	0					0.03
162.250	0.00	0.00	0.005	0					0.03
162.333	0.00	0.00	0.005	0					0.03
162.417	0.00	0.00	0.005	0					0.03
162.500	0.00	0.00	0.005	0					0.03
162.583	0.00	0.00	0.005	0					0.03
162.667	0.00	0.00	0.005	0					0.03
162.750	0.00	0.00	0.005	0					0.03
162.833	0.00	0.00	0.005	0					0.03
162.917	0.00	0.00	0.005	0					0.03
163.000	0.00	0.00	0.005	0					0.03
163.083	0.00	0.00	0.005	0					0.03
163.167	0.00	0.00	0.005	0					0.03
163.250	0.00	0.00	0.005	0					0.03
163.333	0.00	0.00	0.005	0					0.03
163.417	0.00	0.00	0.005	0					0.03
163.500	0.00	0.00	0.005	0					0.03
163.583	0.00	0.00	0.005	0					0.03
163.667	0.00	0.00	0.005	0					0.03
163.750	0.00	0.00	0.005	0					0.03
163.833	0.00	0.00	0.005	0					0.03
163.917	0.00	0.00	0.005	0					0.03
164.000	0.00	0.00	0.005	0					0.03
164.083	0.00	0.00	0.005	0					0.03
164.167	0.00	0.00	0.005	0					0.03
164.250	0.00	0.00	0.005	0					0.03
164.333	0.00	0.00	0.005	0					0.03
164.417	0.00	0.00	0.005	0					0.03
164.500	0.00	0.00	0.004	0					0.02

*****HYDROGRAPH DATA*****
Number of intervals = 1974
Time interval = 5.0 (Min.)
Maximum/Peak flow rate = 1.115 (CFS)
Total volume = 0.107 (Ac.Ft)
Status of hydrographs being held in storage
Stream 1 Stream 2 Stream 3 Stream 4 Stream 5
Peak (CFS) 0.000 0.000 0.000 0.000 0.000
Vol (Ac.Ft) 0.000 0.000 0.000 0.000 0.000

MENIFEE STAXUP STORAGE EXTENSION
 PRELIMINARY DRAINAGE STUDY
 BASIN A ROUTING MODEL
 100-YEAR; 3-HOUR

Program License Serial Number 6545

***** HYDROGRAPH INFORMATION *****

From study/file name: D13100.rte
 *****HYDROGRAPH DATA*****
 Number of intervals = 37
 Time interval = 5.0 (Min.)
 Maximum/Peak flow rate = 1.497 (CFS)
 Total volume = 0.111 (Ac.Ft)
 Status of hydrographs being held in storage
 Stream 1 Stream 2 Stream 3 Stream 4 Stream 5
 Peak (CFS) 0.000 0.000 0.000 0.000 0.000 0.000
 Vol (Ac.Ft) 0.000 0.000 0.000 0.000 0.000 0.000

+++++
 Process from Point/Station 1.000 to Point/Station 2.000
 **** RETARDING BASIN ROUTING ****

User entry of depth-outflow-storage data

Total number of inflow hydrograph intervals = 37
 Hydrograph time unit = 5.000 (Min.)
 Initial depth in storage basin = 0.16(Ft.)

Initial basin depth = 0.16 (Ft.)
 Initial basin storage = 0.03 (Ac.Ft)
 Initial basin outflow = 0.01 (CFS)

Depth vs. Storage and Depth vs. Discharge data:

Basin Depth (Ft.)	Storage (Ac.Ft)	Outflow (CFS)	(S-O*dt/2) (Ac.Ft)	(S+O*dt/2) (Ac.Ft)
0.000	0.000	0.000	0.000	0.000
0.500	0.090	0.020	0.090	0.090
1.000	0.139	7.420	0.113	0.165

Hydrograph Detention Basin Routing

Graph values: 'I'= unit inflow; 'O'=outflow at time shown

Time (Hours)	Inflow (CFS)	Outflow (CFS)	Storage (Ac.Ft)	.0	0.4	0.75	1.12	1.50	Depth (Ft.)
0.083	0.10	0.01	0.029	O I					0.16
0.167	0.15	0.01	0.030	O I					0.17
0.250	0.13	0.01	0.031	O I					0.17
0.333	0.17	0.01	0.032	O I					0.18

6.333	0.00	0.02	0.085	0				0.47
6.417	0.00	0.02	0.085	0				0.47
6.500	0.00	0.02	0.085	0				0.47
6.583	0.00	0.02	0.085	0				0.47
6.667	0.00	0.02	0.084	0				0.47
6.750	0.00	0.02	0.084	0				0.47
6.833	0.00	0.02	0.084	0				0.47
6.917	0.00	0.02	0.084	0				0.47
7.000	0.00	0.02	0.084	0				0.47
7.083	0.00	0.02	0.084	0				0.47
7.167	0.00	0.02	0.084	0				0.47
7.250	0.00	0.02	0.084	0				0.46
7.333	0.00	0.02	0.083	0				0.46
7.417	0.00	0.02	0.083	0				0.46
7.500	0.00	0.02	0.083	0				0.46
7.583	0.00	0.02	0.083	0				0.46
7.667	0.00	0.02	0.083	0				0.46
7.750	0.00	0.02	0.083	0				0.46
7.833	0.00	0.02	0.083	0				0.46
7.917	0.00	0.02	0.083	0				0.46
8.000	0.00	0.02	0.082	0				0.46
8.083	0.00	0.02	0.082	0				0.46
8.167	0.00	0.02	0.082	0				0.46
8.250	0.00	0.02	0.082	0				0.46
8.333	0.00	0.02	0.082	0				0.46
8.417	0.00	0.02	0.082	0				0.45
8.500	0.00	0.02	0.082	0				0.45
8.583	0.00	0.02	0.082	0				0.45
8.667	0.00	0.02	0.081	0				0.45
8.750	0.00	0.02	0.081	0				0.45
8.833	0.00	0.02	0.081	0				0.45
8.917	0.00	0.02	0.081	0				0.45
9.000	0.00	0.02	0.081	0				0.45
9.083	0.00	0.02	0.081	0				0.45
9.167	0.00	0.02	0.081	0				0.45
9.250	0.00	0.02	0.081	0				0.45
9.333	0.00	0.02	0.080	0				0.45
9.417	0.00	0.02	0.080	0				0.45
9.500	0.00	0.02	0.080	0				0.45
9.583	0.00	0.02	0.080	0				0.44
9.667	0.00	0.02	0.080	0				0.44
9.750	0.00	0.02	0.080	0				0.44
9.833	0.00	0.02	0.080	0				0.44
9.917	0.00	0.02	0.080	0				0.44
10.000	0.00	0.02	0.079	0				0.44
10.083	0.00	0.02	0.079	0				0.44
10.167	0.00	0.02	0.079	0				0.44
10.250	0.00	0.02	0.079	0				0.44
10.333	0.00	0.02	0.079	0				0.44
10.417	0.00	0.02	0.079	0				0.44
10.500	0.00	0.02	0.079	0				0.44
10.583	0.00	0.02	0.079	0				0.44
10.667	0.00	0.02	0.078	0				0.44
10.750	0.00	0.02	0.078	0				0.44
10.833	0.00	0.02	0.078	0				0.43
10.917	0.00	0.02	0.078	0				0.43
11.000	0.00	0.02	0.078	0				0.43
11.083	0.00	0.02	0.078	0				0.43
11.167	0.00	0.02	0.078	0				0.43
11.250	0.00	0.02	0.078	0				0.43
11.333	0.00	0.02	0.078	0				0.43
11.417	0.00	0.02	0.077	0				0.43
11.500	0.00	0.02	0.077	0				0.43
11.583	0.00	0.02	0.077	0				0.43
11.667	0.00	0.02	0.077	0				0.43
11.750	0.00	0.02	0.077	0				0.43
11.833	0.00	0.02	0.077	0				0.43
11.917	0.00	0.02	0.077	0				0.43
12.000	0.00	0.02	0.077	0				0.43
12.083	0.00	0.02	0.076	0				0.42
12.167	0.00	0.02	0.076	0				0.42

12.250	0.00	0.02	0.076	0				0.42
12.333	0.00	0.02	0.076	0				0.42
12.417	0.00	0.02	0.076	0				0.42
12.500	0.00	0.02	0.076	0				0.42
12.583	0.00	0.02	0.076	0				0.42
12.667	0.00	0.02	0.076	0				0.42
12.750	0.00	0.02	0.076	0				0.42
12.833	0.00	0.02	0.075	0				0.42
12.917	0.00	0.02	0.075	0				0.42
13.000	0.00	0.02	0.075	0				0.42
13.083	0.00	0.02	0.075	0				0.42
13.167	0.00	0.02	0.075	0				0.42
13.250	0.00	0.02	0.075	0				0.42
13.333	0.00	0.02	0.075	0				0.42
13.417	0.00	0.02	0.075	0				0.41
13.500	0.00	0.02	0.075	0				0.41
13.583	0.00	0.02	0.074	0				0.41
13.667	0.00	0.02	0.074	0				0.41
13.750	0.00	0.02	0.074	0				0.41
13.833	0.00	0.02	0.074	0				0.41
13.917	0.00	0.02	0.074	0				0.41
14.000	0.00	0.02	0.074	0				0.41
14.083	0.00	0.02	0.074	0				0.41
14.167	0.00	0.02	0.074	0				0.41
14.250	0.00	0.02	0.073	0				0.41
14.333	0.00	0.02	0.073	0				0.41
14.417	0.00	0.02	0.073	0				0.41
14.500	0.00	0.02	0.073	0				0.41
14.583	0.00	0.02	0.073	0				0.41
14.667	0.00	0.02	0.073	0				0.41
14.750	0.00	0.02	0.073	0				0.40
14.833	0.00	0.02	0.073	0				0.40
14.917	0.00	0.02	0.073	0				0.40
15.000	0.00	0.02	0.072	0				0.40
15.083	0.00	0.02	0.072	0				0.40
15.167	0.00	0.02	0.072	0				0.40
15.250	0.00	0.02	0.072	0				0.40
15.333	0.00	0.02	0.072	0				0.40
15.417	0.00	0.02	0.072	0				0.40
15.500	0.00	0.02	0.072	0				0.40
15.583	0.00	0.02	0.072	0				0.40
15.667	0.00	0.02	0.072	0				0.40
15.750	0.00	0.02	0.071	0				0.40
15.833	0.00	0.02	0.071	0				0.40
15.917	0.00	0.02	0.071	0				0.40
16.000	0.00	0.02	0.071	0				0.40
16.083	0.00	0.02	0.071	0				0.39
16.167	0.00	0.02	0.071	0				0.39
16.250	0.00	0.02	0.071	0				0.39
16.333	0.00	0.02	0.071	0				0.39
16.417	0.00	0.02	0.071	0				0.39
16.500	0.00	0.02	0.071	0				0.39
16.583	0.00	0.02	0.070	0				0.39
16.667	0.00	0.02	0.070	0				0.39
16.750	0.00	0.02	0.070	0				0.39
16.833	0.00	0.02	0.070	0				0.39
16.917	0.00	0.02	0.070	0				0.39
17.000	0.00	0.02	0.070	0				0.39
17.083	0.00	0.02	0.070	0				0.39
17.167	0.00	0.02	0.070	0				0.39
17.250	0.00	0.02	0.070	0				0.39
17.333	0.00	0.02	0.069	0				0.39
17.417	0.00	0.02	0.069	0				0.39
17.500	0.00	0.02	0.069	0				0.38
17.583	0.00	0.02	0.069	0				0.38
17.667	0.00	0.02	0.069	0				0.38
17.750	0.00	0.02	0.069	0				0.38
17.833	0.00	0.02	0.069	0				0.38
17.917	0.00	0.02	0.069	0				0.38
18.000	0.00	0.02	0.069	0				0.38
18.083	0.00	0.02	0.068	0				0.38

18.167	0.00	0.02	0.068	0				0.38
18.250	0.00	0.02	0.068	0				0.38
18.333	0.00	0.02	0.068	0				0.38
18.417	0.00	0.02	0.068	0				0.38
18.500	0.00	0.02	0.068	0				0.38
18.583	0.00	0.02	0.068	0				0.38
18.667	0.00	0.02	0.068	0				0.38
18.750	0.00	0.02	0.068	0				0.38
18.833	0.00	0.02	0.068	0				0.38
18.917	0.00	0.01	0.067	0				0.37
19.000	0.00	0.01	0.067	0				0.37
19.083	0.00	0.01	0.067	0				0.37
19.167	0.00	0.01	0.067	0				0.37
19.250	0.00	0.01	0.067	0				0.37
19.333	0.00	0.01	0.067	0				0.37
19.417	0.00	0.01	0.067	0				0.37
19.500	0.00	0.01	0.067	0				0.37
19.583	0.00	0.01	0.067	0				0.37
19.667	0.00	0.01	0.067	0				0.37
19.750	0.00	0.01	0.066	0				0.37
19.833	0.00	0.01	0.066	0				0.37
19.917	0.00	0.01	0.066	0				0.37
20.000	0.00	0.01	0.066	0				0.37
20.083	0.00	0.01	0.066	0				0.37
20.167	0.00	0.01	0.066	0				0.37
20.250	0.00	0.01	0.066	0				0.37
20.333	0.00	0.01	0.066	0				0.37
20.417	0.00	0.01	0.066	0				0.36
20.500	0.00	0.01	0.066	0				0.36
20.583	0.00	0.01	0.065	0				0.36
20.667	0.00	0.01	0.065	0				0.36
20.750	0.00	0.01	0.065	0				0.36
20.833	0.00	0.01	0.065	0				0.36
20.917	0.00	0.01	0.065	0				0.36
21.000	0.00	0.01	0.065	0				0.36
21.083	0.00	0.01	0.065	0				0.36
21.167	0.00	0.01	0.065	0				0.36
21.250	0.00	0.01	0.065	0				0.36
21.333	0.00	0.01	0.065	0				0.36
21.417	0.00	0.01	0.064	0				0.36
21.500	0.00	0.01	0.064	0				0.36
21.583	0.00	0.01	0.064	0				0.36
21.667	0.00	0.01	0.064	0				0.36
21.750	0.00	0.01	0.064	0				0.36
21.833	0.00	0.01	0.064	0				0.36
21.917	0.00	0.01	0.064	0				0.35
22.000	0.00	0.01	0.064	0				0.35
22.083	0.00	0.01	0.064	0				0.35
22.167	0.00	0.01	0.064	0				0.35
22.250	0.00	0.01	0.063	0				0.35
22.333	0.00	0.01	0.063	0				0.35
22.417	0.00	0.01	0.063	0				0.35
22.500	0.00	0.01	0.063	0				0.35
22.583	0.00	0.01	0.063	0				0.35
22.667	0.00	0.01	0.063	0				0.35
22.750	0.00	0.01	0.063	0				0.35
22.833	0.00	0.01	0.063	0				0.35
22.917	0.00	0.01	0.063	0				0.35
23.000	0.00	0.01	0.063	0				0.35
23.083	0.00	0.01	0.062	0				0.35
23.167	0.00	0.01	0.062	0				0.35
23.250	0.00	0.01	0.062	0				0.35
23.333	0.00	0.01	0.062	0				0.35
23.417	0.00	0.01	0.062	0				0.35
23.500	0.00	0.01	0.062	0				0.34
23.583	0.00	0.01	0.062	0				0.34
23.667	0.00	0.01	0.062	0				0.34
23.750	0.00	0.01	0.062	0				0.34
23.833	0.00	0.01	0.062	0				0.34
23.917	0.00	0.01	0.062	0				0.34
24.000	0.00	0.01	0.061	0				0.34

24.083	0.00	0.01	0.061	0				0.34
24.167	0.00	0.01	0.061	0				0.34
24.250	0.00	0.01	0.061	0				0.34
24.333	0.00	0.01	0.061	0				0.34
24.417	0.00	0.01	0.061	0				0.34
24.500	0.00	0.01	0.061	0				0.34
24.583	0.00	0.01	0.061	0				0.34
24.667	0.00	0.01	0.061	0				0.34
24.750	0.00	0.01	0.061	0				0.34
24.833	0.00	0.01	0.061	0				0.34
24.917	0.00	0.01	0.060	0				0.34
25.000	0.00	0.01	0.060	0				0.34
25.083	0.00	0.01	0.060	0				0.33
25.167	0.00	0.01	0.060	0				0.33
25.250	0.00	0.01	0.060	0				0.33
25.333	0.00	0.01	0.060	0				0.33
25.417	0.00	0.01	0.060	0				0.33
25.500	0.00	0.01	0.060	0				0.33
25.583	0.00	0.01	0.060	0				0.33
25.667	0.00	0.01	0.060	0				0.33
25.750	0.00	0.01	0.060	0				0.33
25.833	0.00	0.01	0.059	0				0.33
25.917	0.00	0.01	0.059	0				0.33
26.000	0.00	0.01	0.059	0				0.33
26.083	0.00	0.01	0.059	0				0.33
26.167	0.00	0.01	0.059	0				0.33
26.250	0.00	0.01	0.059	0				0.33
26.333	0.00	0.01	0.059	0				0.33
26.417	0.00	0.01	0.059	0				0.33
26.500	0.00	0.01	0.059	0				0.33
26.583	0.00	0.01	0.059	0				0.33
26.667	0.00	0.01	0.059	0				0.33
26.750	0.00	0.01	0.058	0				0.32
26.833	0.00	0.01	0.058	0				0.32
26.917	0.00	0.01	0.058	0				0.32
27.000	0.00	0.01	0.058	0				0.32
27.083	0.00	0.01	0.058	0				0.32
27.167	0.00	0.01	0.058	0				0.32
27.250	0.00	0.01	0.058	0				0.32
27.333	0.00	0.01	0.058	0				0.32
27.417	0.00	0.01	0.058	0				0.32
27.500	0.00	0.01	0.058	0				0.32
27.583	0.00	0.01	0.058	0				0.32
27.667	0.00	0.01	0.057	0				0.32
27.750	0.00	0.01	0.057	0				0.32
27.833	0.00	0.01	0.057	0				0.32
27.917	0.00	0.01	0.057	0				0.32
28.000	0.00	0.01	0.057	0				0.32
28.083	0.00	0.01	0.057	0				0.32
28.167	0.00	0.01	0.057	0				0.32
28.250	0.00	0.01	0.057	0				0.32
28.333	0.00	0.01	0.057	0				0.32
28.417	0.00	0.01	0.057	0				0.31
28.500	0.00	0.01	0.057	0				0.31
28.583	0.00	0.01	0.056	0				0.31
28.667	0.00	0.01	0.056	0				0.31
28.750	0.00	0.01	0.056	0				0.31
28.833	0.00	0.01	0.056	0				0.31
28.917	0.00	0.01	0.056	0				0.31
29.000	0.00	0.01	0.056	0				0.31
29.083	0.00	0.01	0.056	0				0.31
29.167	0.00	0.01	0.056	0				0.31
29.250	0.00	0.01	0.056	0				0.31
29.333	0.00	0.01	0.056	0				0.31
29.417	0.00	0.01	0.056	0				0.31
29.500	0.00	0.01	0.056	0				0.31
29.583	0.00	0.01	0.055	0				0.31
29.667	0.00	0.01	0.055	0				0.31
29.750	0.00	0.01	0.055	0				0.31
29.833	0.00	0.01	0.055	0				0.31
29.917	0.00	0.01	0.055	0				0.31

30.000	0.00	0.01	0.055	0				0.31
30.083	0.00	0.01	0.055	0				0.31
30.167	0.00	0.01	0.055	0				0.30
30.250	0.00	0.01	0.055	0				0.30
30.333	0.00	0.01	0.055	0				0.30
30.417	0.00	0.01	0.055	0				0.30
30.500	0.00	0.01	0.055	0				0.30
30.583	0.00	0.01	0.054	0				0.30
30.667	0.00	0.01	0.054	0				0.30
30.750	0.00	0.01	0.054	0				0.30
30.833	0.00	0.01	0.054	0				0.30
30.917	0.00	0.01	0.054	0				0.30
31.000	0.00	0.01	0.054	0				0.30
31.083	0.00	0.01	0.054	0				0.30
31.167	0.00	0.01	0.054	0				0.30
31.250	0.00	0.01	0.054	0				0.30
31.333	0.00	0.01	0.054	0				0.30
31.417	0.00	0.01	0.054	0				0.30
31.500	0.00	0.01	0.054	0				0.30
31.583	0.00	0.01	0.053	0				0.30
31.667	0.00	0.01	0.053	0				0.30
31.750	0.00	0.01	0.053	0				0.30
31.833	0.00	0.01	0.053	0				0.30
31.917	0.00	0.01	0.053	0				0.30
32.000	0.00	0.01	0.053	0				0.29
32.083	0.00	0.01	0.053	0				0.29
32.167	0.00	0.01	0.053	0				0.29
32.250	0.00	0.01	0.053	0				0.29
32.333	0.00	0.01	0.053	0				0.29
32.417	0.00	0.01	0.053	0				0.29
32.500	0.00	0.01	0.053	0				0.29
32.583	0.00	0.01	0.052	0				0.29
32.667	0.00	0.01	0.052	0				0.29
32.750	0.00	0.01	0.052	0				0.29
32.833	0.00	0.01	0.052	0				0.29
32.917	0.00	0.01	0.052	0				0.29
33.000	0.00	0.01	0.052	0				0.29
33.083	0.00	0.01	0.052	0				0.29
33.167	0.00	0.01	0.052	0				0.29
33.250	0.00	0.01	0.052	0				0.29
33.333	0.00	0.01	0.052	0				0.29
33.417	0.00	0.01	0.052	0				0.29
33.500	0.00	0.01	0.052	0				0.29
33.583	0.00	0.01	0.052	0				0.29
33.667	0.00	0.01	0.051	0				0.29
33.750	0.00	0.01	0.051	0				0.29
33.833	0.00	0.01	0.051	0				0.28
33.917	0.00	0.01	0.051	0				0.28
34.000	0.00	0.01	0.051	0				0.28
34.083	0.00	0.01	0.051	0				0.28
34.167	0.00	0.01	0.051	0				0.28
34.250	0.00	0.01	0.051	0				0.28
34.333	0.00	0.01	0.051	0				0.28
34.417	0.00	0.01	0.051	0				0.28
34.500	0.00	0.01	0.051	0				0.28
34.583	0.00	0.01	0.051	0				0.28
34.667	0.00	0.01	0.051	0				0.28
34.750	0.00	0.01	0.050	0				0.28
34.833	0.00	0.01	0.050	0				0.28
34.917	0.00	0.01	0.050	0				0.28
35.000	0.00	0.01	0.050	0				0.28
35.083	0.00	0.01	0.050	0				0.28
35.167	0.00	0.01	0.050	0				0.28
35.250	0.00	0.01	0.050	0				0.28
35.333	0.00	0.01	0.050	0				0.28
35.417	0.00	0.01	0.050	0				0.28
35.500	0.00	0.01	0.050	0				0.28
35.583	0.00	0.01	0.050	0				0.28
35.667	0.00	0.01	0.050	0				0.28
35.750	0.00	0.01	0.050	0				0.28
35.833	0.00	0.01	0.049	0				0.27

35.917	0.00	0.01	0.049	0				0.27
36.000	0.00	0.01	0.049	0				0.27
36.083	0.00	0.01	0.049	0				0.27
36.167	0.00	0.01	0.049	0				0.27
36.250	0.00	0.01	0.049	0				0.27
36.333	0.00	0.01	0.049	0				0.27
36.417	0.00	0.01	0.049	0				0.27
36.500	0.00	0.01	0.049	0				0.27
36.583	0.00	0.01	0.049	0				0.27
36.667	0.00	0.01	0.049	0				0.27
36.750	0.00	0.01	0.049	0				0.27
36.833	0.00	0.01	0.049	0				0.27
36.917	0.00	0.01	0.048	0				0.27
37.000	0.00	0.01	0.048	0				0.27
37.083	0.00	0.01	0.048	0				0.27
37.167	0.00	0.01	0.048	0				0.27
37.250	0.00	0.01	0.048	0				0.27
37.333	0.00	0.01	0.048	0				0.27
37.417	0.00	0.01	0.048	0				0.27
37.500	0.00	0.01	0.048	0				0.27
37.583	0.00	0.01	0.048	0				0.27
37.667	0.00	0.01	0.048	0				0.27
37.750	0.00	0.01	0.048	0				0.27
37.833	0.00	0.01	0.048	0				0.26
37.917	0.00	0.01	0.048	0				0.26
38.000	0.00	0.01	0.048	0				0.26
38.083	0.00	0.01	0.047	0				0.26
38.167	0.00	0.01	0.047	0				0.26
38.250	0.00	0.01	0.047	0				0.26
38.333	0.00	0.01	0.047	0				0.26
38.417	0.00	0.01	0.047	0				0.26
38.500	0.00	0.01	0.047	0				0.26
38.583	0.00	0.01	0.047	0				0.26
38.667	0.00	0.01	0.047	0				0.26
38.750	0.00	0.01	0.047	0				0.26
38.833	0.00	0.01	0.047	0				0.26
38.917	0.00	0.01	0.047	0				0.26
39.000	0.00	0.01	0.047	0				0.26
39.083	0.00	0.01	0.047	0				0.26
39.167	0.00	0.01	0.047	0				0.26
39.250	0.00	0.01	0.046	0				0.26
39.333	0.00	0.01	0.046	0				0.26
39.417	0.00	0.01	0.046	0				0.26
39.500	0.00	0.01	0.046	0				0.26
39.583	0.00	0.01	0.046	0				0.26
39.667	0.00	0.01	0.046	0				0.26
39.750	0.00	0.01	0.046	0				0.26
39.833	0.00	0.01	0.046	0				0.26
39.917	0.00	0.01	0.046	0				0.25
40.000	0.00	0.01	0.046	0				0.25
40.083	0.00	0.01	0.046	0				0.25
40.167	0.00	0.01	0.046	0				0.25
40.250	0.00	0.01	0.046	0				0.25
40.333	0.00	0.01	0.046	0				0.25
40.417	0.00	0.01	0.045	0				0.25
40.500	0.00	0.01	0.045	0				0.25
40.583	0.00	0.01	0.045	0				0.25
40.667	0.00	0.01	0.045	0				0.25
40.750	0.00	0.01	0.045	0				0.25
40.833	0.00	0.01	0.045	0				0.25
40.917	0.00	0.01	0.045	0				0.25
41.000	0.00	0.01	0.045	0				0.25
41.083	0.00	0.01	0.045	0				0.25
41.167	0.00	0.01	0.045	0				0.25
41.250	0.00	0.01	0.045	0				0.25
41.333	0.00	0.01	0.045	0				0.25
41.417	0.00	0.01	0.045	0				0.25
41.500	0.00	0.01	0.045	0				0.25
41.583	0.00	0.01	0.044	0				0.25
41.667	0.00	0.01	0.044	0				0.25
41.750	0.00	0.01	0.044	0				0.25

41.833	0.00	0.01	0.044	0				0.25
41.917	0.00	0.01	0.044	0				0.25
42.000	0.00	0.01	0.044	0				0.25
42.083	0.00	0.01	0.044	0				0.24
42.167	0.00	0.01	0.044	0				0.24
42.250	0.00	0.01	0.044	0				0.24
42.333	0.00	0.01	0.044	0				0.24
42.417	0.00	0.01	0.044	0				0.24
42.500	0.00	0.01	0.044	0				0.24
42.583	0.00	0.01	0.044	0				0.24
42.667	0.00	0.01	0.044	0				0.24
42.750	0.00	0.01	0.044	0				0.24
42.833	0.00	0.01	0.043	0				0.24
42.917	0.00	0.01	0.043	0				0.24
43.000	0.00	0.01	0.043	0				0.24
43.083	0.00	0.01	0.043	0				0.24
43.167	0.00	0.01	0.043	0				0.24
43.250	0.00	0.01	0.043	0				0.24
43.333	0.00	0.01	0.043	0				0.24
43.417	0.00	0.01	0.043	0				0.24
43.500	0.00	0.01	0.043	0				0.24
43.583	0.00	0.01	0.043	0				0.24
43.667	0.00	0.01	0.043	0				0.24
43.750	0.00	0.01	0.043	0				0.24
43.833	0.00	0.01	0.043	0				0.24
43.917	0.00	0.01	0.043	0				0.24
44.000	0.00	0.01	0.043	0				0.24
44.083	0.00	0.01	0.042	0				0.24
44.167	0.00	0.01	0.042	0				0.24
44.250	0.00	0.01	0.042	0				0.24
44.333	0.00	0.01	0.042	0				0.23
44.417	0.00	0.01	0.042	0				0.23
44.500	0.00	0.01	0.042	0				0.23
44.583	0.00	0.01	0.042	0				0.23
44.667	0.00	0.01	0.042	0				0.23
44.750	0.00	0.01	0.042	0				0.23
44.833	0.00	0.01	0.042	0				0.23
44.917	0.00	0.01	0.042	0				0.23
45.000	0.00	0.01	0.042	0				0.23
45.083	0.00	0.01	0.042	0				0.23
45.167	0.00	0.01	0.042	0				0.23
45.250	0.00	0.01	0.042	0				0.23
45.333	0.00	0.01	0.042	0				0.23
45.417	0.00	0.01	0.041	0				0.23
45.500	0.00	0.01	0.041	0				0.23
45.583	0.00	0.01	0.041	0				0.23
45.667	0.00	0.01	0.041	0				0.23
45.750	0.00	0.01	0.041	0				0.23
45.833	0.00	0.01	0.041	0				0.23
45.917	0.00	0.01	0.041	0				0.23
46.000	0.00	0.01	0.041	0				0.23
46.083	0.00	0.01	0.041	0				0.23
46.167	0.00	0.01	0.041	0				0.23
46.250	0.00	0.01	0.041	0				0.23
46.333	0.00	0.01	0.041	0				0.23
46.417	0.00	0.01	0.041	0				0.23
46.500	0.00	0.01	0.041	0				0.23
46.583	0.00	0.01	0.041	0				0.23
46.667	0.00	0.01	0.041	0				0.23
46.750	0.00	0.01	0.040	0				0.22
46.833	0.00	0.01	0.040	0				0.22
46.917	0.00	0.01	0.040	0				0.22
47.000	0.00	0.01	0.040	0				0.22
47.083	0.00	0.01	0.040	0				0.22
47.167	0.00	0.01	0.040	0				0.22
47.250	0.00	0.01	0.040	0				0.22
47.333	0.00	0.01	0.040	0				0.22
47.417	0.00	0.01	0.040	0				0.22
47.500	0.00	0.01	0.040	0				0.22
47.583	0.00	0.01	0.040	0				0.22
47.667	0.00	0.01	0.040	0				0.22

47.750	0.00	0.01	0.040	0				0.22
47.833	0.00	0.01	0.040	0				0.22
47.917	0.00	0.01	0.040	0				0.22
48.000	0.00	0.01	0.040	0				0.22
48.083	0.00	0.01	0.039	0				0.22
48.167	0.00	0.01	0.039	0				0.22
48.250	0.00	0.01	0.039	0				0.22
48.333	0.00	0.01	0.039	0				0.22
48.417	0.00	0.01	0.039	0				0.22
48.500	0.00	0.01	0.039	0				0.22
48.583	0.00	0.01	0.039	0				0.22
48.667	0.00	0.01	0.039	0				0.22
48.750	0.00	0.01	0.039	0				0.22
48.833	0.00	0.01	0.039	0				0.22
48.917	0.00	0.01	0.039	0				0.22
49.000	0.00	0.01	0.039	0				0.22
49.083	0.00	0.01	0.039	0				0.22
49.167	0.00	0.01	0.039	0				0.22
49.250	0.00	0.01	0.039	0				0.21
49.333	0.00	0.01	0.039	0				0.21
49.417	0.00	0.01	0.039	0				0.21
49.500	0.00	0.01	0.038	0				0.21
49.583	0.00	0.01	0.038	0				0.21
49.667	0.00	0.01	0.038	0				0.21
49.750	0.00	0.01	0.038	0				0.21
49.833	0.00	0.01	0.038	0				0.21
49.917	0.00	0.01	0.038	0				0.21
50.000	0.00	0.01	0.038	0				0.21
50.083	0.00	0.01	0.038	0				0.21
50.167	0.00	0.01	0.038	0				0.21
50.250	0.00	0.01	0.038	0				0.21
50.333	0.00	0.01	0.038	0				0.21
50.417	0.00	0.01	0.038	0				0.21
50.500	0.00	0.01	0.038	0				0.21
50.583	0.00	0.01	0.038	0				0.21
50.667	0.00	0.01	0.038	0				0.21
50.750	0.00	0.01	0.038	0				0.21
50.833	0.00	0.01	0.038	0				0.21
50.917	0.00	0.01	0.037	0				0.21
51.000	0.00	0.01	0.037	0				0.21
51.083	0.00	0.01	0.037	0				0.21
51.167	0.00	0.01	0.037	0				0.21
51.250	0.00	0.01	0.037	0				0.21
51.333	0.00	0.01	0.037	0				0.21
51.417	0.00	0.01	0.037	0				0.21
51.500	0.00	0.01	0.037	0				0.21
51.583	0.00	0.01	0.037	0				0.21
51.667	0.00	0.01	0.037	0				0.21
51.750	0.00	0.01	0.037	0				0.21
51.833	0.00	0.01	0.037	0				0.20
51.917	0.00	0.01	0.037	0				0.20
52.000	0.00	0.01	0.037	0				0.20
52.083	0.00	0.01	0.037	0				0.20
52.167	0.00	0.01	0.037	0				0.20
52.250	0.00	0.01	0.037	0				0.20
52.333	0.00	0.01	0.037	0				0.20
52.417	0.00	0.01	0.036	0				0.20
52.500	0.00	0.01	0.036	0				0.20
52.583	0.00	0.01	0.036	0				0.20
52.667	0.00	0.01	0.036	0				0.20
52.750	0.00	0.01	0.036	0				0.20
52.833	0.00	0.01	0.036	0				0.20
52.917	0.00	0.01	0.036	0				0.20
53.000	0.00	0.01	0.036	0				0.20
53.083	0.00	0.01	0.036	0				0.20
53.167	0.00	0.01	0.036	0				0.20
53.250	0.00	0.01	0.036	0				0.20
53.333	0.00	0.01	0.036	0				0.20
53.417	0.00	0.01	0.036	0				0.20
53.500	0.00	0.01	0.036	0				0.20
53.583	0.00	0.01	0.036	0				0.20

53.667	0.00	0.01	0.036	0				0.20
53.750	0.00	0.01	0.036	0				0.20
53.833	0.00	0.01	0.036	0				0.20
53.917	0.00	0.01	0.035	0				0.20
54.000	0.00	0.01	0.035	0				0.20
54.083	0.00	0.01	0.035	0				0.20
54.167	0.00	0.01	0.035	0				0.20
54.250	0.00	0.01	0.035	0				0.20
54.333	0.00	0.01	0.035	0				0.20
54.417	0.00	0.01	0.035	0				0.20
54.500	0.00	0.01	0.035	0				0.19
54.583	0.00	0.01	0.035	0				0.19
54.667	0.00	0.01	0.035	0				0.19
54.750	0.00	0.01	0.035	0				0.19
54.833	0.00	0.01	0.035	0				0.19
54.917	0.00	0.01	0.035	0				0.19
55.000	0.00	0.01	0.035	0				0.19
55.083	0.00	0.01	0.035	0				0.19
55.167	0.00	0.01	0.035	0				0.19
55.250	0.00	0.01	0.035	0				0.19
55.333	0.00	0.01	0.035	0				0.19
55.417	0.00	0.01	0.035	0				0.19
55.500	0.00	0.01	0.034	0				0.19
55.583	0.00	0.01	0.034	0				0.19
55.667	0.00	0.01	0.034	0				0.19
55.750	0.00	0.01	0.034	0				0.19
55.833	0.00	0.01	0.034	0				0.19
55.917	0.00	0.01	0.034	0				0.19
56.000	0.00	0.01	0.034	0				0.19
56.083	0.00	0.01	0.034	0				0.19
56.167	0.00	0.01	0.034	0				0.19
56.250	0.00	0.01	0.034	0				0.19
56.333	0.00	0.01	0.034	0				0.19
56.417	0.00	0.01	0.034	0				0.19
56.500	0.00	0.01	0.034	0				0.19
56.583	0.00	0.01	0.034	0				0.19
56.667	0.00	0.01	0.034	0				0.19
56.750	0.00	0.01	0.034	0				0.19
56.833	0.00	0.01	0.034	0				0.19
56.917	0.00	0.01	0.034	0				0.19
57.000	0.00	0.01	0.034	0				0.19
57.083	0.00	0.01	0.033	0				0.19
57.167	0.00	0.01	0.033	0				0.19
57.250	0.00	0.01	0.033	0				0.19
57.333	0.00	0.01	0.033	0				0.19
57.417	0.00	0.01	0.033	0				0.18
57.500	0.00	0.01	0.033	0				0.18
57.583	0.00	0.01	0.033	0				0.18
57.667	0.00	0.01	0.033	0				0.18
57.750	0.00	0.01	0.033	0				0.18
57.833	0.00	0.01	0.033	0				0.18
57.917	0.00	0.01	0.033	0				0.18
58.000	0.00	0.01	0.033	0				0.18
58.083	0.00	0.01	0.033	0				0.18
58.167	0.00	0.01	0.033	0				0.18
58.250	0.00	0.01	0.033	0				0.18
58.333	0.00	0.01	0.033	0				0.18
58.417	0.00	0.01	0.033	0				0.18
58.500	0.00	0.01	0.033	0				0.18
58.583	0.00	0.01	0.033	0				0.18
58.667	0.00	0.01	0.033	0				0.18
58.750	0.00	0.01	0.032	0				0.18
58.833	0.00	0.01	0.032	0				0.18
58.917	0.00	0.01	0.032	0				0.18
59.000	0.00	0.01	0.032	0				0.18
59.083	0.00	0.01	0.032	0				0.18
59.167	0.00	0.01	0.032	0				0.18
59.250	0.00	0.01	0.032	0				0.18
59.333	0.00	0.01	0.032	0				0.18
59.417	0.00	0.01	0.032	0				0.18
59.500	0.00	0.01	0.032	0				0.18

59.583	0.00	0.01	0.032	0				0.18
59.667	0.00	0.01	0.032	0				0.18
59.750	0.00	0.01	0.032	0				0.18
59.833	0.00	0.01	0.032	0				0.18
59.917	0.00	0.01	0.032	0				0.18
60.000	0.00	0.01	0.032	0				0.18
60.083	0.00	0.01	0.032	0				0.18
60.167	0.00	0.01	0.032	0				0.18
60.250	0.00	0.01	0.032	0				0.18
60.333	0.00	0.01	0.032	0				0.18
60.417	0.00	0.01	0.031	0				0.17
60.500	0.00	0.01	0.031	0				0.17
60.583	0.00	0.01	0.031	0				0.17
60.667	0.00	0.01	0.031	0				0.17
60.750	0.00	0.01	0.031	0				0.17
60.833	0.00	0.01	0.031	0				0.17
60.917	0.00	0.01	0.031	0				0.17
61.000	0.00	0.01	0.031	0				0.17
61.083	0.00	0.01	0.031	0				0.17
61.167	0.00	0.01	0.031	0				0.17
61.250	0.00	0.01	0.031	0				0.17
61.333	0.00	0.01	0.031	0				0.17
61.417	0.00	0.01	0.031	0				0.17
61.500	0.00	0.01	0.031	0				0.17
61.583	0.00	0.01	0.031	0				0.17
61.667	0.00	0.01	0.031	0				0.17
61.750	0.00	0.01	0.031	0				0.17
61.833	0.00	0.01	0.031	0				0.17
61.917	0.00	0.01	0.031	0				0.17
62.000	0.00	0.01	0.031	0				0.17
62.083	0.00	0.01	0.031	0				0.17
62.167	0.00	0.01	0.030	0				0.17
62.250	0.00	0.01	0.030	0				0.17
62.333	0.00	0.01	0.030	0				0.17
62.417	0.00	0.01	0.030	0				0.17
62.500	0.00	0.01	0.030	0				0.17
62.583	0.00	0.01	0.030	0				0.17
62.667	0.00	0.01	0.030	0				0.17
62.750	0.00	0.01	0.030	0				0.17
62.833	0.00	0.01	0.030	0				0.17
62.917	0.00	0.01	0.030	0				0.17
63.000	0.00	0.01	0.030	0				0.17
63.083	0.00	0.01	0.030	0				0.17
63.167	0.00	0.01	0.030	0				0.17
63.250	0.00	0.01	0.030	0				0.17
63.333	0.00	0.01	0.030	0				0.17
63.417	0.00	0.01	0.030	0				0.17
63.500	0.00	0.01	0.030	0				0.17
63.583	0.00	0.01	0.030	0				0.17
63.667	0.00	0.01	0.030	0				0.16
63.750	0.00	0.01	0.030	0				0.16
63.833	0.00	0.01	0.030	0				0.16
63.917	0.00	0.01	0.030	0				0.16
64.000	0.00	0.01	0.029	0				0.16
64.083	0.00	0.01	0.029	0				0.16
64.167	0.00	0.01	0.029	0				0.16
64.250	0.00	0.01	0.029	0				0.16
64.333	0.00	0.01	0.029	0				0.16
64.417	0.00	0.01	0.029	0				0.16
64.500	0.00	0.01	0.029	0				0.16
64.583	0.00	0.01	0.029	0				0.16
64.667	0.00	0.01	0.029	0				0.16
64.750	0.00	0.01	0.029	0				0.16
64.833	0.00	0.01	0.029	0				0.16
64.917	0.00	0.01	0.029	0				0.16
65.000	0.00	0.01	0.029	0				0.16
65.083	0.00	0.01	0.029	0				0.16
65.167	0.00	0.01	0.029	0				0.16
65.250	0.00	0.01	0.029	0				0.16
65.333	0.00	0.01	0.029	0				0.16
65.417	0.00	0.01	0.029	0				0.16

65.500	0.00	0.01	0.029	0				0.16
65.583	0.00	0.01	0.029	0				0.16
65.667	0.00	0.01	0.029	0				0.16
65.750	0.00	0.01	0.029	0				0.16
65.833	0.00	0.01	0.028	0				0.16
65.917	0.00	0.01	0.028	0				0.16
66.000	0.00	0.01	0.028	0				0.16
66.083	0.00	0.01	0.028	0				0.16
66.167	0.00	0.01	0.028	0				0.16
66.250	0.00	0.01	0.028	0				0.16
66.333	0.00	0.01	0.028	0				0.16
66.417	0.00	0.01	0.028	0				0.16
66.500	0.00	0.01	0.028	0				0.16
66.583	0.00	0.01	0.028	0				0.16
66.667	0.00	0.01	0.028	0				0.16
66.750	0.00	0.01	0.028	0				0.16
66.833	0.00	0.01	0.028	0				0.16
66.917	0.00	0.01	0.028	0				0.16
67.000	0.00	0.01	0.028	0				0.15
67.083	0.00	0.01	0.028	0				0.15
67.167	0.00	0.01	0.028	0				0.15
67.250	0.00	0.01	0.028	0				0.15
67.333	0.00	0.01	0.028	0				0.15
67.417	0.00	0.01	0.028	0				0.15
67.500	0.00	0.01	0.028	0				0.15
67.583	0.00	0.01	0.028	0				0.15
67.667	0.00	0.01	0.028	0				0.15
67.750	0.00	0.01	0.028	0				0.15
67.833	0.00	0.01	0.027	0				0.15
67.917	0.00	0.01	0.027	0				0.15
68.000	0.00	0.01	0.027	0				0.15
68.083	0.00	0.01	0.027	0				0.15
68.167	0.00	0.01	0.027	0				0.15
68.250	0.00	0.01	0.027	0				0.15
68.333	0.00	0.01	0.027	0				0.15
68.417	0.00	0.01	0.027	0				0.15
68.500	0.00	0.01	0.027	0				0.15
68.583	0.00	0.01	0.027	0				0.15
68.667	0.00	0.01	0.027	0				0.15
68.750	0.00	0.01	0.027	0				0.15
68.833	0.00	0.01	0.027	0				0.15
68.917	0.00	0.01	0.027	0				0.15
69.000	0.00	0.01	0.027	0				0.15
69.083	0.00	0.01	0.027	0				0.15
69.167	0.00	0.01	0.027	0				0.15
69.250	0.00	0.01	0.027	0				0.15
69.333	0.00	0.01	0.027	0				0.15
69.417	0.00	0.01	0.027	0				0.15
69.500	0.00	0.01	0.027	0				0.15
69.583	0.00	0.01	0.027	0				0.15
69.667	0.00	0.01	0.027	0				0.15
69.750	0.00	0.01	0.027	0				0.15
69.833	0.00	0.01	0.026	0				0.15
69.917	0.00	0.01	0.026	0				0.15
70.000	0.00	0.01	0.026	0				0.15
70.083	0.00	0.01	0.026	0				0.15
70.167	0.00	0.01	0.026	0				0.15
70.250	0.00	0.01	0.026	0				0.15
70.333	0.00	0.01	0.026	0				0.15
70.417	0.00	0.01	0.026	0				0.15
70.500	0.00	0.01	0.026	0				0.15
70.583	0.00	0.01	0.026	0				0.15
70.667	0.00	0.01	0.026	0				0.14
70.750	0.00	0.01	0.026	0				0.14
70.833	0.00	0.01	0.026	0				0.14
70.917	0.00	0.01	0.026	0				0.14
71.000	0.00	0.01	0.026	0				0.14
71.083	0.00	0.01	0.026	0				0.14
71.167	0.00	0.01	0.026	0				0.14
71.250	0.00	0.01	0.026	0				0.14
71.333	0.00	0.01	0.026	0				0.14

71.417	0.00	0.01	0.026	0				0.14
71.500	0.00	0.01	0.026	0				0.14
71.583	0.00	0.01	0.026	0				0.14
71.667	0.00	0.01	0.026	0				0.14
71.750	0.00	0.01	0.026	0				0.14
71.833	0.00	0.01	0.026	0				0.14
71.917	0.00	0.01	0.025	0				0.14
72.000	0.00	0.01	0.025	0				0.14
72.083	0.00	0.01	0.025	0				0.14
72.167	0.00	0.01	0.025	0				0.14
72.250	0.00	0.01	0.025	0				0.14
72.333	0.00	0.01	0.025	0				0.14
72.417	0.00	0.01	0.025	0				0.14
72.500	0.00	0.01	0.025	0				0.14
72.583	0.00	0.01	0.025	0				0.14
72.667	0.00	0.01	0.025	0				0.14
72.750	0.00	0.01	0.025	0				0.14
72.833	0.00	0.01	0.025	0				0.14
72.917	0.00	0.01	0.025	0				0.14
73.000	0.00	0.01	0.025	0				0.14
73.083	0.00	0.01	0.025	0				0.14
73.167	0.00	0.01	0.025	0				0.14
73.250	0.00	0.01	0.025	0				0.14
73.333	0.00	0.01	0.025	0				0.14
73.417	0.00	0.01	0.025	0				0.14
73.500	0.00	0.01	0.025	0				0.14
73.583	0.00	0.01	0.025	0				0.14
73.667	0.00	0.01	0.025	0				0.14
73.750	0.00	0.01	0.025	0				0.14
73.833	0.00	0.01	0.025	0				0.14
73.917	0.00	0.01	0.025	0				0.14
74.000	0.00	0.01	0.025	0				0.14
74.083	0.00	0.01	0.024	0				0.14
74.167	0.00	0.01	0.024	0				0.14
74.250	0.00	0.01	0.024	0				0.14
74.333	0.00	0.01	0.024	0				0.14
74.417	0.00	0.01	0.024	0				0.14
74.500	0.00	0.01	0.024	0				0.14
74.583	0.00	0.01	0.024	0				0.13
74.667	0.00	0.01	0.024	0				0.13
74.750	0.00	0.01	0.024	0				0.13
74.833	0.00	0.01	0.024	0				0.13
74.917	0.00	0.01	0.024	0				0.13
75.000	0.00	0.01	0.024	0				0.13
75.083	0.00	0.01	0.024	0				0.13
75.167	0.00	0.01	0.024	0				0.13
75.250	0.00	0.01	0.024	0				0.13
75.333	0.00	0.01	0.024	0				0.13
75.417	0.00	0.01	0.024	0				0.13
75.500	0.00	0.01	0.024	0				0.13
75.583	0.00	0.01	0.024	0				0.13
75.667	0.00	0.01	0.024	0				0.13
75.750	0.00	0.01	0.024	0				0.13
75.833	0.00	0.01	0.024	0				0.13
75.917	0.00	0.01	0.024	0				0.13
76.000	0.00	0.01	0.024	0				0.13
76.083	0.00	0.01	0.024	0				0.13
76.167	0.00	0.01	0.024	0				0.13
76.250	0.00	0.01	0.024	0				0.13
76.333	0.00	0.01	0.024	0				0.13
76.417	0.00	0.01	0.023	0				0.13
76.500	0.00	0.01	0.023	0				0.13
76.583	0.00	0.01	0.023	0				0.13
76.667	0.00	0.01	0.023	0				0.13
76.750	0.00	0.01	0.023	0				0.13
76.833	0.00	0.01	0.023	0				0.13
76.917	0.00	0.01	0.023	0				0.13
77.000	0.00	0.01	0.023	0				0.13
77.083	0.00	0.01	0.023	0				0.13
77.167	0.00	0.01	0.023	0				0.13
77.250	0.00	0.01	0.023	0				0.13

77.333	0.00	0.01	0.023	0				0.13
77.417	0.00	0.01	0.023	0				0.13
77.500	0.00	0.01	0.023	0				0.13
77.583	0.00	0.01	0.023	0				0.13
77.667	0.00	0.01	0.023	0				0.13
77.750	0.00	0.01	0.023	0				0.13
77.833	0.00	0.01	0.023	0				0.13
77.917	0.00	0.01	0.023	0				0.13
78.000	0.00	0.01	0.023	0				0.13
78.083	0.00	0.01	0.023	0				0.13
78.167	0.00	0.01	0.023	0				0.13
78.250	0.00	0.01	0.023	0				0.13
78.333	0.00	0.01	0.023	0				0.13
78.417	0.00	0.01	0.023	0				0.13
78.500	0.00	0.01	0.023	0				0.13
78.583	0.00	0.01	0.023	0				0.13
78.667	0.00	0.01	0.023	0				0.13
78.750	0.00	0.00	0.022	0				0.12
78.833	0.00	0.00	0.022	0				0.12
78.917	0.00	0.00	0.022	0				0.12
79.000	0.00	0.00	0.022	0				0.12
79.083	0.00	0.00	0.022	0				0.12
79.167	0.00	0.00	0.022	0				0.12
79.250	0.00	0.00	0.022	0				0.12
79.333	0.00	0.00	0.022	0				0.12
79.417	0.00	0.00	0.022	0				0.12
79.500	0.00	0.00	0.022	0				0.12
79.583	0.00	0.00	0.022	0				0.12
79.667	0.00	0.00	0.022	0				0.12
79.750	0.00	0.00	0.022	0				0.12
79.833	0.00	0.00	0.022	0				0.12
79.917	0.00	0.00	0.022	0				0.12
80.000	0.00	0.00	0.022	0				0.12
80.083	0.00	0.00	0.022	0				0.12
80.167	0.00	0.00	0.022	0				0.12
80.250	0.00	0.00	0.022	0				0.12
80.333	0.00	0.00	0.022	0				0.12
80.417	0.00	0.00	0.022	0				0.12
80.500	0.00	0.00	0.022	0				0.12
80.583	0.00	0.00	0.022	0				0.12
80.667	0.00	0.00	0.022	0				0.12
80.750	0.00	0.00	0.022	0				0.12
80.833	0.00	0.00	0.022	0				0.12
80.917	0.00	0.00	0.022	0				0.12
81.000	0.00	0.00	0.022	0				0.12
81.083	0.00	0.00	0.022	0				0.12
81.167	0.00	0.00	0.022	0				0.12
81.250	0.00	0.00	0.021	0				0.12
81.333	0.00	0.00	0.021	0				0.12
81.417	0.00	0.00	0.021	0				0.12
81.500	0.00	0.00	0.021	0				0.12
81.583	0.00	0.00	0.021	0				0.12
81.667	0.00	0.00	0.021	0				0.12
81.750	0.00	0.00	0.021	0				0.12
81.833	0.00	0.00	0.021	0				0.12
81.917	0.00	0.00	0.021	0				0.12
82.000	0.00	0.00	0.021	0				0.12
82.083	0.00	0.00	0.021	0				0.12
82.167	0.00	0.00	0.021	0				0.12
82.250	0.00	0.00	0.021	0				0.12
82.333	0.00	0.00	0.021	0				0.12
82.417	0.00	0.00	0.021	0				0.12
82.500	0.00	0.00	0.021	0				0.12
82.583	0.00	0.00	0.021	0				0.12
82.667	0.00	0.00	0.021	0				0.12
82.750	0.00	0.00	0.021	0				0.12
82.833	0.00	0.00	0.021	0				0.12
82.917	0.00	0.00	0.021	0				0.12
83.000	0.00	0.00	0.021	0				0.12
83.083	0.00	0.00	0.021	0				0.12
83.167	0.00	0.00	0.021	0				0.12

83.250	0.00	0.00	0.021	0					0.11
83.333	0.00	0.00	0.021	0					0.11
83.417	0.00	0.00	0.021	0					0.11
83.500	0.00	0.00	0.021	0					0.11
83.583	0.00	0.00	0.021	0					0.11
83.667	0.00	0.00	0.021	0					0.11
83.750	0.00	0.00	0.021	0					0.11
83.833	0.00	0.00	0.020	0					0.11
83.917	0.00	0.00	0.020	0					0.11
84.000	0.00	0.00	0.020	0					0.11
84.083	0.00	0.00	0.020	0					0.11
84.167	0.00	0.00	0.020	0					0.11
84.250	0.00	0.00	0.020	0					0.11
84.333	0.00	0.00	0.020	0					0.11
84.417	0.00	0.00	0.020	0					0.11
84.500	0.00	0.00	0.020	0					0.11
84.583	0.00	0.00	0.020	0					0.11
84.667	0.00	0.00	0.020	0					0.11
84.750	0.00	0.00	0.020	0					0.11
84.833	0.00	0.00	0.020	0					0.11
84.917	0.00	0.00	0.020	0					0.11
85.000	0.00	0.00	0.020	0					0.11
85.083	0.00	0.00	0.020	0					0.11
85.167	0.00	0.00	0.020	0					0.11
85.250	0.00	0.00	0.020	0					0.11
85.333	0.00	0.00	0.020	0					0.11
85.417	0.00	0.00	0.020	0					0.11
85.500	0.00	0.00	0.020	0					0.11
85.583	0.00	0.00	0.020	0					0.11
85.667	0.00	0.00	0.020	0					0.11
85.750	0.00	0.00	0.020	0					0.11
85.833	0.00	0.00	0.020	0					0.11
85.917	0.00	0.00	0.020	0					0.11
86.000	0.00	0.00	0.020	0					0.11
86.083	0.00	0.00	0.020	0					0.11
86.167	0.00	0.00	0.020	0					0.11
86.250	0.00	0.00	0.020	0					0.11
86.333	0.00	0.00	0.020	0					0.11
86.417	0.00	0.00	0.020	0					0.11
86.500	0.00	0.00	0.019	0					0.11
86.583	0.00	0.00	0.019	0					0.11
86.667	0.00	0.00	0.019	0					0.11
86.750	0.00	0.00	0.019	0					0.11
86.833	0.00	0.00	0.019	0					0.11
86.917	0.00	0.00	0.019	0					0.11
87.000	0.00	0.00	0.019	0					0.11
87.083	0.00	0.00	0.019	0					0.11
87.167	0.00	0.00	0.019	0					0.11
87.250	0.00	0.00	0.019	0					0.11
87.333	0.00	0.00	0.019	0					0.11
87.417	0.00	0.00	0.019	0					0.11
87.500	0.00	0.00	0.019	0					0.11
87.583	0.00	0.00	0.019	0					0.11
87.667	0.00	0.00	0.019	0					0.11
87.750	0.00	0.00	0.019	0					0.11
87.833	0.00	0.00	0.019	0					0.11
87.917	0.00	0.00	0.019	0					0.11
88.000	0.00	0.00	0.019	0					0.11
88.083	0.00	0.00	0.019	0					0.11
88.167	0.00	0.00	0.019	0					0.11
88.250	0.00	0.00	0.019	0					0.10
88.333	0.00	0.00	0.019	0					0.10
88.417	0.00	0.00	0.019	0					0.10
88.500	0.00	0.00	0.019	0					0.10
88.583	0.00	0.00	0.019	0					0.10
88.667	0.00	0.00	0.019	0					0.10
88.750	0.00	0.00	0.019	0					0.10
88.833	0.00	0.00	0.019	0					0.10
88.917	0.00	0.00	0.019	0					0.10
89.000	0.00	0.00	0.019	0					0.10
89.083	0.00	0.00	0.019	0					0.10

89.167	0.00	0.00	0.019	0				0.10
89.250	0.00	0.00	0.019	0				0.10
89.333	0.00	0.00	0.019	0				0.10
89.417	0.00	0.00	0.018	0				0.10
89.500	0.00	0.00	0.018	0				0.10
89.583	0.00	0.00	0.018	0				0.10
89.667	0.00	0.00	0.018	0				0.10
89.750	0.00	0.00	0.018	0				0.10
89.833	0.00	0.00	0.018	0				0.10
89.917	0.00	0.00	0.018	0				0.10
90.000	0.00	0.00	0.018	0				0.10
90.083	0.00	0.00	0.018	0				0.10
90.167	0.00	0.00	0.018	0				0.10
90.250	0.00	0.00	0.018	0				0.10
90.333	0.00	0.00	0.018	0				0.10
90.417	0.00	0.00	0.018	0				0.10
90.500	0.00	0.00	0.018	0				0.10
90.583	0.00	0.00	0.018	0				0.10
90.667	0.00	0.00	0.018	0				0.10
90.750	0.00	0.00	0.018	0				0.10
90.833	0.00	0.00	0.018	0				0.10
90.917	0.00	0.00	0.018	0				0.10
91.000	0.00	0.00	0.018	0				0.10
91.083	0.00	0.00	0.018	0				0.10
91.167	0.00	0.00	0.018	0				0.10
91.250	0.00	0.00	0.018	0				0.10
91.333	0.00	0.00	0.018	0				0.10
91.417	0.00	0.00	0.018	0				0.10
91.500	0.00	0.00	0.018	0				0.10
91.583	0.00	0.00	0.018	0				0.10
91.667	0.00	0.00	0.018	0				0.10
91.750	0.00	0.00	0.018	0				0.10
91.833	0.00	0.00	0.018	0				0.10
91.917	0.00	0.00	0.018	0				0.10
92.000	0.00	0.00	0.018	0				0.10
92.083	0.00	0.00	0.018	0				0.10
92.167	0.00	0.00	0.018	0				0.10
92.250	0.00	0.00	0.018	0				0.10
92.333	0.00	0.00	0.018	0				0.10
92.417	0.00	0.00	0.017	0				0.10
92.500	0.00	0.00	0.017	0				0.10
92.583	0.00	0.00	0.017	0				0.10
92.667	0.00	0.00	0.017	0				0.10
92.750	0.00	0.00	0.017	0				0.10
92.833	0.00	0.00	0.017	0				0.10
92.917	0.00	0.00	0.017	0				0.10
93.000	0.00	0.00	0.017	0				0.10
93.083	0.00	0.00	0.017	0				0.10
93.167	0.00	0.00	0.017	0				0.10
93.250	0.00	0.00	0.017	0				0.10
93.333	0.00	0.00	0.017	0				0.10
93.417	0.00	0.00	0.017	0				0.10
93.500	0.00	0.00	0.017	0				0.10
93.583	0.00	0.00	0.017	0				0.10
93.667	0.00	0.00	0.017	0				0.09
93.750	0.00	0.00	0.017	0				0.09
93.833	0.00	0.00	0.017	0				0.09
93.917	0.00	0.00	0.017	0				0.09
94.000	0.00	0.00	0.017	0				0.09
94.083	0.00	0.00	0.017	0				0.09
94.167	0.00	0.00	0.017	0				0.09
94.250	0.00	0.00	0.017	0				0.09
94.333	0.00	0.00	0.017	0				0.09
94.417	0.00	0.00	0.017	0				0.09
94.500	0.00	0.00	0.017	0				0.09
94.583	0.00	0.00	0.017	0				0.09
94.667	0.00	0.00	0.017	0				0.09
94.750	0.00	0.00	0.017	0				0.09
94.833	0.00	0.00	0.017	0				0.09
94.917	0.00	0.00	0.017	0				0.09
95.000	0.00	0.00	0.017	0				0.09

95.083	0.00	0.00	0.017	0				0.09
95.167	0.00	0.00	0.017	0				0.09
95.250	0.00	0.00	0.017	0				0.09
95.333	0.00	0.00	0.017	0				0.09
95.417	0.00	0.00	0.017	0				0.09
95.500	0.00	0.00	0.017	0				0.09
95.583	0.00	0.00	0.017	0				0.09
95.667	0.00	0.00	0.016	0				0.09
95.750	0.00	0.00	0.016	0				0.09
95.833	0.00	0.00	0.016	0				0.09
95.917	0.00	0.00	0.016	0				0.09
96.000	0.00	0.00	0.016	0				0.09
96.083	0.00	0.00	0.016	0				0.09
96.167	0.00	0.00	0.016	0				0.09
96.250	0.00	0.00	0.016	0				0.09
96.333	0.00	0.00	0.016	0				0.09
96.417	0.00	0.00	0.016	0				0.09
96.500	0.00	0.00	0.016	0				0.09
96.583	0.00	0.00	0.016	0				0.09
96.667	0.00	0.00	0.016	0				0.09
96.750	0.00	0.00	0.016	0				0.09
96.833	0.00	0.00	0.016	0				0.09
96.917	0.00	0.00	0.016	0				0.09
97.000	0.00	0.00	0.016	0				0.09
97.083	0.00	0.00	0.016	0				0.09
97.167	0.00	0.00	0.016	0				0.09
97.250	0.00	0.00	0.016	0				0.09
97.333	0.00	0.00	0.016	0				0.09
97.417	0.00	0.00	0.016	0				0.09
97.500	0.00	0.00	0.016	0				0.09
97.583	0.00	0.00	0.016	0				0.09
97.667	0.00	0.00	0.016	0				0.09
97.750	0.00	0.00	0.016	0				0.09
97.833	0.00	0.00	0.016	0				0.09
97.917	0.00	0.00	0.016	0				0.09
98.000	0.00	0.00	0.016	0				0.09
98.083	0.00	0.00	0.016	0				0.09
98.167	0.00	0.00	0.016	0				0.09
98.250	0.00	0.00	0.016	0				0.09
98.333	0.00	0.00	0.016	0				0.09
98.417	0.00	0.00	0.016	0				0.09
98.500	0.00	0.00	0.016	0				0.09
98.583	0.00	0.00	0.016	0				0.09
98.667	0.00	0.00	0.016	0				0.09
98.750	0.00	0.00	0.016	0				0.09
98.833	0.00	0.00	0.016	0				0.09
98.917	0.00	0.00	0.016	0				0.09
99.000	0.00	0.00	0.015	0				0.09
99.083	0.00	0.00	0.015	0				0.09
99.167	0.00	0.00	0.015	0				0.09
99.250	0.00	0.00	0.015	0				0.09
99.333	0.00	0.00	0.015	0				0.09
99.417	0.00	0.00	0.015	0				0.09
99.500	0.00	0.00	0.015	0				0.09
99.583	0.00	0.00	0.015	0				0.09
99.667	0.00	0.00	0.015	0				0.09
99.750	0.00	0.00	0.015	0				0.08
99.833	0.00	0.00	0.015	0				0.08
99.917	0.00	0.00	0.015	0				0.08
100.000	0.00	0.00	0.015	0				0.08
100.083	0.00	0.00	0.015	0				0.08
100.167	0.00	0.00	0.015	0				0.08
100.250	0.00	0.00	0.015	0				0.08
100.333	0.00	0.00	0.015	0				0.08
100.417	0.00	0.00	0.015	0				0.08
100.500	0.00	0.00	0.015	0				0.08
100.583	0.00	0.00	0.015	0				0.08
100.667	0.00	0.00	0.015	0				0.08
100.750	0.00	0.00	0.015	0				0.08
100.833	0.00	0.00	0.015	0				0.08
100.917	0.00	0.00	0.015	0				0.08

101.000	0.00	0.00	0.015	0				0.08
101.083	0.00	0.00	0.015	0				0.08
101.167	0.00	0.00	0.015	0				0.08
101.250	0.00	0.00	0.015	0				0.08
101.333	0.00	0.00	0.015	0				0.08
101.417	0.00	0.00	0.015	0				0.08
101.500	0.00	0.00	0.015	0				0.08
101.583	0.00	0.00	0.015	0				0.08
101.667	0.00	0.00	0.015	0				0.08
101.750	0.00	0.00	0.015	0				0.08
101.833	0.00	0.00	0.015	0				0.08
101.917	0.00	0.00	0.015	0				0.08
102.000	0.00	0.00	0.015	0				0.08
102.083	0.00	0.00	0.015	0				0.08
102.167	0.00	0.00	0.015	0				0.08
102.250	0.00	0.00	0.015	0				0.08
102.333	0.00	0.00	0.015	0				0.08
102.417	0.00	0.00	0.015	0				0.08
102.500	0.00	0.00	0.015	0				0.08
102.583	0.00	0.00	0.015	0				0.08
102.667	0.00	0.00	0.014	0				0.08
102.750	0.00	0.00	0.014	0				0.08
102.833	0.00	0.00	0.014	0				0.08
102.917	0.00	0.00	0.014	0				0.08
103.000	0.00	0.00	0.014	0				0.08
103.083	0.00	0.00	0.014	0				0.08
103.167	0.00	0.00	0.014	0				0.08
103.250	0.00	0.00	0.014	0				0.08
103.333	0.00	0.00	0.014	0				0.08
103.417	0.00	0.00	0.014	0				0.08
103.500	0.00	0.00	0.014	0				0.08
103.583	0.00	0.00	0.014	0				0.08
103.667	0.00	0.00	0.014	0				0.08
103.750	0.00	0.00	0.014	0				0.08
103.833	0.00	0.00	0.014	0				0.08
103.917	0.00	0.00	0.014	0				0.08
104.000	0.00	0.00	0.014	0				0.08
104.083	0.00	0.00	0.014	0				0.08
104.167	0.00	0.00	0.014	0				0.08
104.250	0.00	0.00	0.014	0				0.08
104.333	0.00	0.00	0.014	0				0.08
104.417	0.00	0.00	0.014	0				0.08
104.500	0.00	0.00	0.014	0				0.08
104.583	0.00	0.00	0.014	0				0.08
104.667	0.00	0.00	0.014	0				0.08
104.750	0.00	0.00	0.014	0				0.08
104.833	0.00	0.00	0.014	0				0.08
104.917	0.00	0.00	0.014	0				0.08
105.000	0.00	0.00	0.014	0				0.08
105.083	0.00	0.00	0.014	0				0.08
105.167	0.00	0.00	0.014	0				0.08
105.250	0.00	0.00	0.014	0				0.08
105.333	0.00	0.00	0.014	0				0.08
105.417	0.00	0.00	0.014	0				0.08
105.500	0.00	0.00	0.014	0				0.08
105.583	0.00	0.00	0.014	0				0.08
105.667	0.00	0.00	0.014	0				0.08
105.750	0.00	0.00	0.014	0				0.08
105.833	0.00	0.00	0.014	0				0.08
105.917	0.00	0.00	0.014	0				0.08
106.000	0.00	0.00	0.014	0				0.08
106.083	0.00	0.00	0.014	0				0.08
106.167	0.00	0.00	0.014	0				0.08
106.250	0.00	0.00	0.014	0				0.08
106.333	0.00	0.00	0.014	0				0.08
106.417	0.00	0.00	0.014	0				0.08
106.500	0.00	0.00	0.014	0				0.08
106.583	0.00	0.00	0.013	0				0.07
106.667	0.00	0.00	0.013	0				0.07
106.750	0.00	0.00	0.013	0				0.07
106.833	0.00	0.00	0.013	0				0.07

106.917	0.00	0.00	0.013	0				0.07
107.000	0.00	0.00	0.013	0				0.07
107.083	0.00	0.00	0.013	0				0.07
107.167	0.00	0.00	0.013	0				0.07
107.250	0.00	0.00	0.013	0				0.07
107.333	0.00	0.00	0.013	0				0.07
107.417	0.00	0.00	0.013	0				0.07
107.500	0.00	0.00	0.013	0				0.07
107.583	0.00	0.00	0.013	0				0.07
107.667	0.00	0.00	0.013	0				0.07
107.750	0.00	0.00	0.013	0				0.07
107.833	0.00	0.00	0.013	0				0.07
107.917	0.00	0.00	0.013	0				0.07
108.000	0.00	0.00	0.013	0				0.07
108.083	0.00	0.00	0.013	0				0.07
108.167	0.00	0.00	0.013	0				0.07
108.250	0.00	0.00	0.013	0				0.07
108.333	0.00	0.00	0.013	0				0.07
108.417	0.00	0.00	0.013	0				0.07
108.500	0.00	0.00	0.013	0				0.07
108.583	0.00	0.00	0.013	0				0.07
108.667	0.00	0.00	0.013	0				0.07
108.750	0.00	0.00	0.013	0				0.07
108.833	0.00	0.00	0.013	0				0.07
108.917	0.00	0.00	0.013	0				0.07
109.000	0.00	0.00	0.013	0				0.07
109.083	0.00	0.00	0.013	0				0.07
109.167	0.00	0.00	0.013	0				0.07
109.250	0.00	0.00	0.013	0				0.07
109.333	0.00	0.00	0.013	0				0.07
109.417	0.00	0.00	0.013	0				0.07
109.500	0.00	0.00	0.013	0				0.07
109.583	0.00	0.00	0.013	0				0.07
109.667	0.00	0.00	0.013	0				0.07
109.750	0.00	0.00	0.013	0				0.07
109.833	0.00	0.00	0.013	0				0.07
109.917	0.00	0.00	0.013	0				0.07
110.000	0.00	0.00	0.013	0				0.07
110.083	0.00	0.00	0.013	0				0.07
110.167	0.00	0.00	0.013	0				0.07
110.250	0.00	0.00	0.013	0				0.07
110.333	0.00	0.00	0.013	0				0.07
110.417	0.00	0.00	0.013	0				0.07
110.500	0.00	0.00	0.013	0				0.07
110.583	0.00	0.00	0.013	0				0.07
110.667	0.00	0.00	0.013	0				0.07
110.750	0.00	0.00	0.012	0				0.07
110.833	0.00	0.00	0.012	0				0.07
110.917	0.00	0.00	0.012	0				0.07
111.000	0.00	0.00	0.012	0				0.07
111.083	0.00	0.00	0.012	0				0.07
111.167	0.00	0.00	0.012	0				0.07
111.250	0.00	0.00	0.012	0				0.07
111.333	0.00	0.00	0.012	0				0.07
111.417	0.00	0.00	0.012	0				0.07
111.500	0.00	0.00	0.012	0				0.07
111.583	0.00	0.00	0.012	0				0.07
111.667	0.00	0.00	0.012	0				0.07
111.750	0.00	0.00	0.012	0				0.07
111.833	0.00	0.00	0.012	0				0.07
111.917	0.00	0.00	0.012	0				0.07
112.000	0.00	0.00	0.012	0				0.07
112.083	0.00	0.00	0.012	0				0.07
112.167	0.00	0.00	0.012	0				0.07
112.250	0.00	0.00	0.012	0				0.07
112.333	0.00	0.00	0.012	0				0.07
112.417	0.00	0.00	0.012	0				0.07
112.500	0.00	0.00	0.012	0				0.07
112.583	0.00	0.00	0.012	0				0.07
112.667	0.00	0.00	0.012	0				0.07
112.750	0.00	0.00	0.012	0				0.07

112.833	0.00	0.00	0.012	0				0.07
112.917	0.00	0.00	0.012	0				0.07
113.000	0.00	0.00	0.012	0				0.07
113.083	0.00	0.00	0.012	0				0.07
113.167	0.00	0.00	0.012	0				0.07
113.250	0.00	0.00	0.012	0				0.07
113.333	0.00	0.00	0.012	0				0.07
113.417	0.00	0.00	0.012	0				0.07
113.500	0.00	0.00	0.012	0				0.07
113.583	0.00	0.00	0.012	0				0.07
113.667	0.00	0.00	0.012	0				0.07
113.750	0.00	0.00	0.012	0				0.07
113.833	0.00	0.00	0.012	0				0.07
113.917	0.00	0.00	0.012	0				0.07
114.000	0.00	0.00	0.012	0				0.07
114.083	0.00	0.00	0.012	0				0.07
114.167	0.00	0.00	0.012	0				0.07
114.250	0.00	0.00	0.012	0				0.07
114.333	0.00	0.00	0.012	0				0.06
114.417	0.00	0.00	0.012	0				0.06
114.500	0.00	0.00	0.012	0				0.06
114.583	0.00	0.00	0.012	0				0.06
114.667	0.00	0.00	0.012	0				0.06
114.750	0.00	0.00	0.012	0				0.06
114.833	0.00	0.00	0.012	0				0.06
114.917	0.00	0.00	0.012	0				0.06
115.000	0.00	0.00	0.012	0				0.06
115.083	0.00	0.00	0.012	0				0.06
115.167	0.00	0.00	0.012	0				0.06
115.250	0.00	0.00	0.011	0				0.06
115.333	0.00	0.00	0.011	0				0.06
115.417	0.00	0.00	0.011	0				0.06
115.500	0.00	0.00	0.011	0				0.06
115.583	0.00	0.00	0.011	0				0.06
115.667	0.00	0.00	0.011	0				0.06
115.750	0.00	0.00	0.011	0				0.06
115.833	0.00	0.00	0.011	0				0.06
115.917	0.00	0.00	0.011	0				0.06
116.000	0.00	0.00	0.011	0				0.06
116.083	0.00	0.00	0.011	0				0.06
116.167	0.00	0.00	0.011	0				0.06
116.250	0.00	0.00	0.011	0				0.06
116.333	0.00	0.00	0.011	0				0.06
116.417	0.00	0.00	0.011	0				0.06
116.500	0.00	0.00	0.011	0				0.06
116.583	0.00	0.00	0.011	0				0.06
116.667	0.00	0.00	0.011	0				0.06
116.750	0.00	0.00	0.011	0				0.06
116.833	0.00	0.00	0.011	0				0.06
116.917	0.00	0.00	0.011	0				0.06
117.000	0.00	0.00	0.011	0				0.06
117.083	0.00	0.00	0.011	0				0.06
117.167	0.00	0.00	0.011	0				0.06
117.250	0.00	0.00	0.011	0				0.06
117.333	0.00	0.00	0.011	0				0.06
117.417	0.00	0.00	0.011	0				0.06
117.500	0.00	0.00	0.011	0				0.06
117.583	0.00	0.00	0.011	0				0.06
117.667	0.00	0.00	0.011	0				0.06
117.750	0.00	0.00	0.011	0				0.06
117.833	0.00	0.00	0.011	0				0.06
117.917	0.00	0.00	0.011	0				0.06
118.000	0.00	0.00	0.011	0				0.06
118.083	0.00	0.00	0.011	0				0.06
118.167	0.00	0.00	0.011	0				0.06
118.250	0.00	0.00	0.011	0				0.06
118.333	0.00	0.00	0.011	0				0.06
118.417	0.00	0.00	0.011	0				0.06
118.500	0.00	0.00	0.011	0				0.06
118.583	0.00	0.00	0.011	0				0.06
118.667	0.00	0.00	0.011	0				0.06

118.750	0.00	0.00	0.011	0				0.06
118.833	0.00	0.00	0.011	0				0.06
118.917	0.00	0.00	0.011	0				0.06
119.000	0.00	0.00	0.011	0				0.06
119.083	0.00	0.00	0.011	0				0.06
119.167	0.00	0.00	0.011	0				0.06
119.250	0.00	0.00	0.011	0				0.06
119.333	0.00	0.00	0.011	0				0.06
119.417	0.00	0.00	0.011	0				0.06
119.500	0.00	0.00	0.011	0				0.06
119.583	0.00	0.00	0.011	0				0.06
119.667	0.00	0.00	0.011	0				0.06
119.750	0.00	0.00	0.011	0				0.06
119.833	0.00	0.00	0.011	0				0.06
119.917	0.00	0.00	0.011	0				0.06
120.000	0.00	0.00	0.011	0				0.06
120.083	0.00	0.00	0.011	0				0.06
120.167	0.00	0.00	0.011	0				0.06
120.250	0.00	0.00	0.010	0				0.06
120.333	0.00	0.00	0.010	0				0.06
120.417	0.00	0.00	0.010	0				0.06
120.500	0.00	0.00	0.010	0				0.06
120.583	0.00	0.00	0.010	0				0.06
120.667	0.00	0.00	0.010	0				0.06
120.750	0.00	0.00	0.010	0				0.06
120.833	0.00	0.00	0.010	0				0.06
120.917	0.00	0.00	0.010	0				0.06
121.000	0.00	0.00	0.010	0				0.06
121.083	0.00	0.00	0.010	0				0.06
121.167	0.00	0.00	0.010	0				0.06
121.250	0.00	0.00	0.010	0				0.06
121.333	0.00	0.00	0.010	0				0.06
121.417	0.00	0.00	0.010	0				0.06
121.500	0.00	0.00	0.010	0				0.06
121.583	0.00	0.00	0.010	0				0.06
121.667	0.00	0.00	0.010	0				0.06
121.750	0.00	0.00	0.010	0				0.06
121.833	0.00	0.00	0.010	0				0.06
121.917	0.00	0.00	0.010	0				0.06
122.000	0.00	0.00	0.010	0				0.06
122.083	0.00	0.00	0.010	0				0.06
122.167	0.00	0.00	0.010	0				0.06
122.250	0.00	0.00	0.010	0				0.06
122.333	0.00	0.00	0.010	0				0.06
122.417	0.00	0.00	0.010	0				0.06
122.500	0.00	0.00	0.010	0				0.06
122.583	0.00	0.00	0.010	0				0.06
122.667	0.00	0.00	0.010	0				0.06
122.750	0.00	0.00	0.010	0				0.06
122.833	0.00	0.00	0.010	0				0.06
122.917	0.00	0.00	0.010	0				0.06
123.000	0.00	0.00	0.010	0				0.06
123.083	0.00	0.00	0.010	0				0.06
123.167	0.00	0.00	0.010	0				0.06
123.250	0.00	0.00	0.010	0				0.06
123.333	0.00	0.00	0.010	0				0.06
123.417	0.00	0.00	0.010	0				0.05
123.500	0.00	0.00	0.010	0				0.05
123.583	0.00	0.00	0.010	0				0.05
123.667	0.00	0.00	0.010	0				0.05
123.750	0.00	0.00	0.010	0				0.05
123.833	0.00	0.00	0.010	0				0.05
123.917	0.00	0.00	0.010	0				0.05
124.000	0.00	0.00	0.010	0				0.05
124.083	0.00	0.00	0.010	0				0.05
124.167	0.00	0.00	0.010	0				0.05
124.250	0.00	0.00	0.010	0				0.05
124.333	0.00	0.00	0.010	0				0.05
124.417	0.00	0.00	0.010	0				0.05
124.500	0.00	0.00	0.010	0				0.05
124.583	0.00	0.00	0.010	0				0.05

124.667	0.00	0.00	0.010	0				0.05
124.750	0.00	0.00	0.010	0				0.05
124.833	0.00	0.00	0.010	0				0.05
124.917	0.00	0.00	0.010	0				0.05
125.000	0.00	0.00	0.010	0				0.05
125.083	0.00	0.00	0.010	0				0.05
125.167	0.00	0.00	0.010	0				0.05
125.250	0.00	0.00	0.010	0				0.05
125.333	0.00	0.00	0.010	0				0.05
125.417	0.00	0.00	0.010	0				0.05
125.500	0.00	0.00	0.010	0				0.05
125.583	0.00	0.00	0.010	0				0.05
125.667	0.00	0.00	0.009	0				0.05
125.750	0.00	0.00	0.009	0				0.05
125.833	0.00	0.00	0.009	0				0.05
125.917	0.00	0.00	0.009	0				0.05
126.000	0.00	0.00	0.009	0				0.05
126.083	0.00	0.00	0.009	0				0.05
126.167	0.00	0.00	0.009	0				0.05
126.250	0.00	0.00	0.009	0				0.05
126.333	0.00	0.00	0.009	0				0.05
126.417	0.00	0.00	0.009	0				0.05
126.500	0.00	0.00	0.009	0				0.05
126.583	0.00	0.00	0.009	0				0.05
126.667	0.00	0.00	0.009	0				0.05
126.750	0.00	0.00	0.009	0				0.05
126.833	0.00	0.00	0.009	0				0.05
126.917	0.00	0.00	0.009	0				0.05
127.000	0.00	0.00	0.009	0				0.05
127.083	0.00	0.00	0.009	0				0.05
127.167	0.00	0.00	0.009	0				0.05
127.250	0.00	0.00	0.009	0				0.05
127.333	0.00	0.00	0.009	0				0.05
127.417	0.00	0.00	0.009	0				0.05
127.500	0.00	0.00	0.009	0				0.05
127.583	0.00	0.00	0.009	0				0.05
127.667	0.00	0.00	0.009	0				0.05
127.750	0.00	0.00	0.009	0				0.05
127.833	0.00	0.00	0.009	0				0.05
127.917	0.00	0.00	0.009	0				0.05
128.000	0.00	0.00	0.009	0				0.05
128.083	0.00	0.00	0.009	0				0.05
128.167	0.00	0.00	0.009	0				0.05
128.250	0.00	0.00	0.009	0				0.05
128.333	0.00	0.00	0.009	0				0.05
128.417	0.00	0.00	0.009	0				0.05
128.500	0.00	0.00	0.009	0				0.05
128.583	0.00	0.00	0.009	0				0.05
128.667	0.00	0.00	0.009	0				0.05
128.750	0.00	0.00	0.009	0				0.05
128.833	0.00	0.00	0.009	0				0.05
128.917	0.00	0.00	0.009	0				0.05
129.000	0.00	0.00	0.009	0				0.05
129.083	0.00	0.00	0.009	0				0.05
129.167	0.00	0.00	0.009	0				0.05
129.250	0.00	0.00	0.009	0				0.05
129.333	0.00	0.00	0.009	0				0.05
129.417	0.00	0.00	0.009	0				0.05
129.500	0.00	0.00	0.009	0				0.05
129.583	0.00	0.00	0.009	0				0.05
129.667	0.00	0.00	0.009	0				0.05
129.750	0.00	0.00	0.009	0				0.05
129.833	0.00	0.00	0.009	0				0.05
129.917	0.00	0.00	0.009	0				0.05
130.000	0.00	0.00	0.009	0				0.05
130.083	0.00	0.00	0.009	0				0.05
130.167	0.00	0.00	0.009	0				0.05
130.250	0.00	0.00	0.009	0				0.05
130.333	0.00	0.00	0.009	0				0.05
130.417	0.00	0.00	0.009	0				0.05
130.500	0.00	0.00	0.009	0				0.05

130.583	0.00	0.00	0.009	0				0.05
130.667	0.00	0.00	0.009	0				0.05
130.750	0.00	0.00	0.009	0				0.05
130.833	0.00	0.00	0.009	0				0.05
130.917	0.00	0.00	0.009	0				0.05
131.000	0.00	0.00	0.009	0				0.05
131.083	0.00	0.00	0.009	0				0.05
131.167	0.00	0.00	0.009	0				0.05
131.250	0.00	0.00	0.009	0				0.05
131.333	0.00	0.00	0.009	0				0.05
131.417	0.00	0.00	0.009	0				0.05
131.500	0.00	0.00	0.009	0				0.05
131.583	0.00	0.00	0.009	0				0.05
131.667	0.00	0.00	0.009	0				0.05
131.750	0.00	0.00	0.008	0				0.05
131.833	0.00	0.00	0.008	0				0.05
131.917	0.00	0.00	0.008	0				0.05
132.000	0.00	0.00	0.008	0				0.05
132.083	0.00	0.00	0.008	0				0.05
132.167	0.00	0.00	0.008	0				0.05
132.250	0.00	0.00	0.008	0				0.05
132.333	0.00	0.00	0.008	0				0.05
132.417	0.00	0.00	0.008	0				0.05
132.500	0.00	0.00	0.008	0				0.05
132.583	0.00	0.00	0.008	0				0.05
132.667	0.00	0.00	0.008	0				0.05
132.750	0.00	0.00	0.008	0				0.05
132.833	0.00	0.00	0.008	0				0.05
132.917	0.00	0.00	0.008	0				0.05
133.000	0.00	0.00	0.008	0				0.05
133.083	0.00	0.00	0.008	0				0.05
133.167	0.00	0.00	0.008	0				0.05
133.250	0.00	0.00	0.008	0				0.05
133.333	0.00	0.00	0.008	0				0.05
133.417	0.00	0.00	0.008	0				0.05
133.500	0.00	0.00	0.008	0				0.05
133.583	0.00	0.00	0.008	0				0.05
133.667	0.00	0.00	0.008	0				0.05
133.750	0.00	0.00	0.008	0				0.05
133.833	0.00	0.00	0.008	0				0.05
133.917	0.00	0.00	0.008	0				0.05
134.000	0.00	0.00	0.008	0				0.05
134.083	0.00	0.00	0.008	0				0.05
134.167	0.00	0.00	0.008	0				0.05
134.250	0.00	0.00	0.008	0				0.05
134.333	0.00	0.00	0.008	0				0.04
134.417	0.00	0.00	0.008	0				0.04
134.500	0.00	0.00	0.008	0				0.04
134.583	0.00	0.00	0.008	0				0.04
134.667	0.00	0.00	0.008	0				0.04
134.750	0.00	0.00	0.008	0				0.04
134.833	0.00	0.00	0.008	0				0.04
134.917	0.00	0.00	0.008	0				0.04
135.000	0.00	0.00	0.008	0				0.04
135.083	0.00	0.00	0.008	0				0.04
135.167	0.00	0.00	0.008	0				0.04
135.250	0.00	0.00	0.008	0				0.04
135.333	0.00	0.00	0.008	0				0.04
135.417	0.00	0.00	0.008	0				0.04
135.500	0.00	0.00	0.008	0				0.04
135.583	0.00	0.00	0.008	0				0.04
135.667	0.00	0.00	0.008	0				0.04
135.750	0.00	0.00	0.008	0				0.04
135.833	0.00	0.00	0.008	0				0.04
135.917	0.00	0.00	0.008	0				0.04
136.000	0.00	0.00	0.008	0				0.04
136.083	0.00	0.00	0.008	0				0.04
136.167	0.00	0.00	0.008	0				0.04
136.250	0.00	0.00	0.008	0				0.04
136.333	0.00	0.00	0.008	0				0.04
136.417	0.00	0.00	0.008	0				0.04

136.500	0.00	0.00	0.008	0				0.04
136.583	0.00	0.00	0.008	0				0.04
136.667	0.00	0.00	0.008	0				0.04
136.750	0.00	0.00	0.008	0				0.04
136.833	0.00	0.00	0.008	0				0.04
136.917	0.00	0.00	0.008	0				0.04
137.000	0.00	0.00	0.008	0				0.04
137.083	0.00	0.00	0.008	0				0.04
137.167	0.00	0.00	0.008	0				0.04
137.250	0.00	0.00	0.008	0				0.04
137.333	0.00	0.00	0.008	0				0.04
137.417	0.00	0.00	0.008	0				0.04
137.500	0.00	0.00	0.008	0				0.04
137.583	0.00	0.00	0.008	0				0.04
137.667	0.00	0.00	0.008	0				0.04
137.750	0.00	0.00	0.008	0				0.04
137.833	0.00	0.00	0.008	0				0.04
137.917	0.00	0.00	0.008	0				0.04
138.000	0.00	0.00	0.008	0				0.04
138.083	0.00	0.00	0.008	0				0.04
138.167	0.00	0.00	0.008	0				0.04
138.250	0.00	0.00	0.008	0				0.04
138.333	0.00	0.00	0.008	0				0.04
138.417	0.00	0.00	0.008	0				0.04
138.500	0.00	0.00	0.008	0				0.04
138.583	0.00	0.00	0.007	0				0.04
138.667	0.00	0.00	0.007	0				0.04
138.750	0.00	0.00	0.007	0				0.04
138.833	0.00	0.00	0.007	0				0.04
138.917	0.00	0.00	0.007	0				0.04
139.000	0.00	0.00	0.007	0				0.04
139.083	0.00	0.00	0.007	0				0.04
139.167	0.00	0.00	0.007	0				0.04
139.250	0.00	0.00	0.007	0				0.04
139.333	0.00	0.00	0.007	0				0.04
139.417	0.00	0.00	0.007	0				0.04
139.500	0.00	0.00	0.007	0				0.04
139.583	0.00	0.00	0.007	0				0.04
139.667	0.00	0.00	0.007	0				0.04
139.750	0.00	0.00	0.007	0				0.04
139.833	0.00	0.00	0.007	0				0.04
139.917	0.00	0.00	0.007	0				0.04
140.000	0.00	0.00	0.007	0				0.04
140.083	0.00	0.00	0.007	0				0.04
140.167	0.00	0.00	0.007	0				0.04
140.250	0.00	0.00	0.007	0				0.04
140.333	0.00	0.00	0.007	0				0.04
140.417	0.00	0.00	0.007	0				0.04
140.500	0.00	0.00	0.007	0				0.04
140.583	0.00	0.00	0.007	0				0.04
140.667	0.00	0.00	0.007	0				0.04
140.750	0.00	0.00	0.007	0				0.04
140.833	0.00	0.00	0.007	0				0.04
140.917	0.00	0.00	0.007	0				0.04
141.000	0.00	0.00	0.007	0				0.04
141.083	0.00	0.00	0.007	0				0.04
141.167	0.00	0.00	0.007	0				0.04
141.250	0.00	0.00	0.007	0				0.04
141.333	0.00	0.00	0.007	0				0.04
141.417	0.00	0.00	0.007	0				0.04
141.500	0.00	0.00	0.007	0				0.04
141.583	0.00	0.00	0.007	0				0.04
141.667	0.00	0.00	0.007	0				0.04
141.750	0.00	0.00	0.007	0				0.04
141.833	0.00	0.00	0.007	0				0.04
141.917	0.00	0.00	0.007	0				0.04
142.000	0.00	0.00	0.007	0				0.04
142.083	0.00	0.00	0.007	0				0.04
142.167	0.00	0.00	0.007	0				0.04
142.250	0.00	0.00	0.007	0				0.04
142.333	0.00	0.00	0.007	0				0.04

142.417	0.00	0.00	0.007	0				0.04
142.500	0.00	0.00	0.007	0				0.04
142.583	0.00	0.00	0.007	0				0.04
142.667	0.00	0.00	0.007	0				0.04
142.750	0.00	0.00	0.007	0				0.04
142.833	0.00	0.00	0.007	0				0.04
142.917	0.00	0.00	0.007	0				0.04
143.000	0.00	0.00	0.007	0				0.04
143.083	0.00	0.00	0.007	0				0.04
143.167	0.00	0.00	0.007	0				0.04
143.250	0.00	0.00	0.007	0				0.04
143.333	0.00	0.00	0.007	0				0.04
143.417	0.00	0.00	0.007	0				0.04
143.500	0.00	0.00	0.007	0				0.04
143.583	0.00	0.00	0.007	0				0.04
143.667	0.00	0.00	0.007	0				0.04
143.750	0.00	0.00	0.007	0				0.04
143.833	0.00	0.00	0.007	0				0.04
143.917	0.00	0.00	0.007	0				0.04
144.000	0.00	0.00	0.007	0				0.04
144.083	0.00	0.00	0.007	0				0.04
144.167	0.00	0.00	0.007	0				0.04
144.250	0.00	0.00	0.007	0				0.04
144.333	0.00	0.00	0.007	0				0.04
144.417	0.00	0.00	0.007	0				0.04
144.500	0.00	0.00	0.007	0				0.04
144.583	0.00	0.00	0.007	0				0.04
144.667	0.00	0.00	0.007	0				0.04
144.750	0.00	0.00	0.007	0				0.04
144.833	0.00	0.00	0.007	0				0.04
144.917	0.00	0.00	0.007	0				0.04
145.000	0.00	0.00	0.007	0				0.04
145.083	0.00	0.00	0.007	0				0.04
145.167	0.00	0.00	0.007	0				0.04
145.250	0.00	0.00	0.007	0				0.04
145.333	0.00	0.00	0.007	0				0.04
145.417	0.00	0.00	0.007	0				0.04
145.500	0.00	0.00	0.007	0				0.04
145.583	0.00	0.00	0.007	0				0.04
145.667	0.00	0.00	0.007	0				0.04
145.750	0.00	0.00	0.007	0				0.04
145.833	0.00	0.00	0.007	0				0.04
145.917	0.00	0.00	0.007	0				0.04
146.000	0.00	0.00	0.007	0				0.04
146.083	0.00	0.00	0.007	0				0.04
146.167	0.00	0.00	0.007	0				0.04
146.250	0.00	0.00	0.007	0				0.04
146.333	0.00	0.00	0.006	0				0.04
146.417	0.00	0.00	0.006	0				0.04
146.500	0.00	0.00	0.006	0				0.04
146.583	0.00	0.00	0.006	0				0.04
146.667	0.00	0.00	0.006	0				0.04
146.750	0.00	0.00	0.006	0				0.04
146.833	0.00	0.00	0.006	0				0.04
146.917	0.00	0.00	0.006	0				0.04
147.000	0.00	0.00	0.006	0				0.04
147.083	0.00	0.00	0.006	0				0.04
147.167	0.00	0.00	0.006	0				0.04
147.250	0.00	0.00	0.006	0				0.04
147.333	0.00	0.00	0.006	0				0.04
147.417	0.00	0.00	0.006	0				0.04
147.500	0.00	0.00	0.006	0				0.04
147.583	0.00	0.00	0.006	0				0.04
147.667	0.00	0.00	0.006	0				0.04
147.750	0.00	0.00	0.006	0				0.04
147.833	0.00	0.00	0.006	0				0.04
147.917	0.00	0.00	0.006	0				0.04
148.000	0.00	0.00	0.006	0				0.04
148.083	0.00	0.00	0.006	0				0.03
148.167	0.00	0.00	0.006	0				0.03
148.250	0.00	0.00	0.006	0				0.03

148.333	0.00	0.00	0.006	0				0.03
148.417	0.00	0.00	0.006	0				0.03
148.500	0.00	0.00	0.006	0				0.03
148.583	0.00	0.00	0.006	0				0.03
148.667	0.00	0.00	0.006	0				0.03
148.750	0.00	0.00	0.006	0				0.03
148.833	0.00	0.00	0.006	0				0.03
148.917	0.00	0.00	0.006	0				0.03
149.000	0.00	0.00	0.006	0				0.03
149.083	0.00	0.00	0.006	0				0.03
149.167	0.00	0.00	0.006	0				0.03
149.250	0.00	0.00	0.006	0				0.03
149.333	0.00	0.00	0.006	0				0.03
149.417	0.00	0.00	0.006	0				0.03
149.500	0.00	0.00	0.006	0				0.03
149.583	0.00	0.00	0.006	0				0.03
149.667	0.00	0.00	0.006	0				0.03
149.750	0.00	0.00	0.006	0				0.03
149.833	0.00	0.00	0.006	0				0.03
149.917	0.00	0.00	0.006	0				0.03
150.000	0.00	0.00	0.006	0				0.03
150.083	0.00	0.00	0.006	0				0.03
150.167	0.00	0.00	0.006	0				0.03
150.250	0.00	0.00	0.006	0				0.03
150.333	0.00	0.00	0.006	0				0.03
150.417	0.00	0.00	0.006	0				0.03
150.500	0.00	0.00	0.006	0				0.03
150.583	0.00	0.00	0.006	0				0.03
150.667	0.00	0.00	0.006	0				0.03
150.750	0.00	0.00	0.006	0				0.03
150.833	0.00	0.00	0.006	0				0.03
150.917	0.00	0.00	0.006	0				0.03
151.000	0.00	0.00	0.006	0				0.03
151.083	0.00	0.00	0.006	0				0.03
151.167	0.00	0.00	0.006	0				0.03
151.250	0.00	0.00	0.006	0				0.03
151.333	0.00	0.00	0.006	0				0.03
151.417	0.00	0.00	0.006	0				0.03
151.500	0.00	0.00	0.006	0				0.03
151.583	0.00	0.00	0.006	0				0.03
151.667	0.00	0.00	0.006	0				0.03
151.750	0.00	0.00	0.006	0				0.03
151.833	0.00	0.00	0.006	0				0.03
151.917	0.00	0.00	0.006	0				0.03
152.000	0.00	0.00	0.006	0				0.03
152.083	0.00	0.00	0.006	0				0.03
152.167	0.00	0.00	0.006	0				0.03
152.250	0.00	0.00	0.006	0				0.03
152.333	0.00	0.00	0.006	0				0.03
152.417	0.00	0.00	0.006	0				0.03
152.500	0.00	0.00	0.006	0				0.03
152.583	0.00	0.00	0.006	0				0.03
152.667	0.00	0.00	0.006	0				0.03
152.750	0.00	0.00	0.006	0				0.03
152.833	0.00	0.00	0.006	0				0.03
152.917	0.00	0.00	0.006	0				0.03
153.000	0.00	0.00	0.006	0				0.03
153.083	0.00	0.00	0.006	0				0.03
153.167	0.00	0.00	0.006	0				0.03
153.250	0.00	0.00	0.006	0				0.03
153.333	0.00	0.00	0.006	0				0.03
153.417	0.00	0.00	0.006	0				0.03
153.500	0.00	0.00	0.006	0				0.03
153.583	0.00	0.00	0.006	0				0.03
153.667	0.00	0.00	0.006	0				0.03
153.750	0.00	0.00	0.006	0				0.03
153.833	0.00	0.00	0.006	0				0.03
153.917	0.00	0.00	0.006	0				0.03
154.000	0.00	0.00	0.006	0				0.03
154.083	0.00	0.00	0.006	0				0.03
154.167	0.00	0.00	0.006	0				0.03

154.250	0.00	0.00	0.006	0				0.03
154.333	0.00	0.00	0.006	0				0.03
154.417	0.00	0.00	0.006	0				0.03
154.500	0.00	0.00	0.006	0				0.03
154.583	0.00	0.00	0.006	0				0.03
154.667	0.00	0.00	0.006	0				0.03
154.750	0.00	0.00	0.006	0				0.03
154.833	0.00	0.00	0.006	0				0.03
154.917	0.00	0.00	0.006	0				0.03
155.000	0.00	0.00	0.006	0				0.03
155.083	0.00	0.00	0.006	0				0.03
155.167	0.00	0.00	0.006	0				0.03
155.250	0.00	0.00	0.006	0				0.03
155.333	0.00	0.00	0.006	0				0.03
155.417	0.00	0.00	0.005	0				0.03
155.500	0.00	0.00	0.005	0				0.03
155.583	0.00	0.00	0.005	0				0.03
155.667	0.00	0.00	0.005	0				0.03
155.750	0.00	0.00	0.005	0				0.03
155.833	0.00	0.00	0.005	0				0.03
155.917	0.00	0.00	0.005	0				0.03
156.000	0.00	0.00	0.005	0				0.03
156.083	0.00	0.00	0.005	0				0.03
156.167	0.00	0.00	0.005	0				0.03
156.250	0.00	0.00	0.005	0				0.03
156.333	0.00	0.00	0.005	0				0.03
156.417	0.00	0.00	0.005	0				0.03
156.500	0.00	0.00	0.005	0				0.03
156.583	0.00	0.00	0.005	0				0.03
156.667	0.00	0.00	0.005	0				0.03
156.750	0.00	0.00	0.005	0				0.03
156.833	0.00	0.00	0.005	0				0.03
156.917	0.00	0.00	0.005	0				0.03
157.000	0.00	0.00	0.005	0				0.03
157.083	0.00	0.00	0.005	0				0.03
157.167	0.00	0.00	0.005	0				0.03
157.250	0.00	0.00	0.005	0				0.03
157.333	0.00	0.00	0.005	0				0.03
157.417	0.00	0.00	0.005	0				0.03
157.500	0.00	0.00	0.005	0				0.03
157.583	0.00	0.00	0.005	0				0.03
157.667	0.00	0.00	0.005	0				0.03
157.750	0.00	0.00	0.005	0				0.03
157.833	0.00	0.00	0.005	0				0.03
157.917	0.00	0.00	0.005	0				0.03
158.000	0.00	0.00	0.005	0				0.03
158.083	0.00	0.00	0.005	0				0.03
158.167	0.00	0.00	0.005	0				0.03
158.250	0.00	0.00	0.005	0				0.03
158.333	0.00	0.00	0.005	0				0.03
158.417	0.00	0.00	0.005	0				0.03
158.500	0.00	0.00	0.005	0				0.03
158.583	0.00	0.00	0.005	0				0.03
158.667	0.00	0.00	0.005	0				0.03
158.750	0.00	0.00	0.005	0				0.03
158.833	0.00	0.00	0.005	0				0.03
158.917	0.00	0.00	0.005	0				0.03
159.000	0.00	0.00	0.005	0				0.03
159.083	0.00	0.00	0.005	0				0.03
159.167	0.00	0.00	0.005	0				0.03
159.250	0.00	0.00	0.005	0				0.03
159.333	0.00	0.00	0.005	0				0.03
159.417	0.00	0.00	0.005	0				0.03
159.500	0.00	0.00	0.005	0				0.03
159.583	0.00	0.00	0.005	0				0.03
159.667	0.00	0.00	0.005	0				0.03
159.750	0.00	0.00	0.005	0				0.03
159.833	0.00	0.00	0.005	0				0.03
159.917	0.00	0.00	0.005	0				0.03
160.000	0.00	0.00	0.005	0				0.03
160.083	0.00	0.00	0.005	0				0.03

160.167	0.00	0.00	0.005	0				0.03
160.250	0.00	0.00	0.005	0				0.03
160.333	0.00	0.00	0.005	0				0.03
160.417	0.00	0.00	0.005	0				0.03
160.500	0.00	0.00	0.005	0				0.03
160.583	0.00	0.00	0.005	0				0.03
160.667	0.00	0.00	0.005	0				0.03
160.750	0.00	0.00	0.005	0				0.03
160.833	0.00	0.00	0.005	0				0.03
160.917	0.00	0.00	0.005	0				0.03
161.000	0.00	0.00	0.005	0				0.03
161.083	0.00	0.00	0.005	0				0.03
161.167	0.00	0.00	0.005	0				0.03
161.250	0.00	0.00	0.005	0				0.03
161.333	0.00	0.00	0.005	0				0.03
161.417	0.00	0.00	0.005	0				0.03
161.500	0.00	0.00	0.005	0				0.03
161.583	0.00	0.00	0.005	0				0.03
161.667	0.00	0.00	0.005	0				0.03
161.750	0.00	0.00	0.005	0				0.03
161.833	0.00	0.00	0.005	0				0.03
161.917	0.00	0.00	0.005	0				0.03
162.000	0.00	0.00	0.005	0				0.03
162.083	0.00	0.00	0.005	0				0.03
162.167	0.00	0.00	0.005	0				0.03
162.250	0.00	0.00	0.005	0				0.03
162.333	0.00	0.00	0.005	0				0.03
162.417	0.00	0.00	0.005	0				0.03
162.500	0.00	0.00	0.005	0				0.03
162.583	0.00	0.00	0.005	0				0.03
162.667	0.00	0.00	0.005	0				0.03
162.750	0.00	0.00	0.005	0				0.03
162.833	0.00	0.00	0.005	0				0.03
162.917	0.00	0.00	0.005	0				0.03
163.000	0.00	0.00	0.005	0				0.03
163.083	0.00	0.00	0.005	0				0.03
163.167	0.00	0.00	0.005	0				0.03
163.250	0.00	0.00	0.005	0				0.03
163.333	0.00	0.00	0.005	0				0.03
163.417	0.00	0.00	0.005	0				0.03
163.500	0.00	0.00	0.005	0				0.03
163.583	0.00	0.00	0.005	0				0.03
163.667	0.00	0.00	0.005	0				0.03
163.750	0.00	0.00	0.005	0				0.03
163.833	0.00	0.00	0.005	0				0.03
163.917	0.00	0.00	0.005	0				0.03
164.000	0.00	0.00	0.005	0				0.03
164.083	0.00	0.00	0.005	0				0.03
164.167	0.00	0.00	0.005	0				0.03
164.250	0.00	0.00	0.005	0				0.03
164.333	0.00	0.00	0.005	0				0.03
164.417	0.00	0.00	0.005	0				0.03
164.500	0.00	0.00	0.005	0				0.03
164.583	0.00	0.00	0.005	0				0.03
164.667	0.00	0.00	0.005	0				0.03
164.750	0.00	0.00	0.005	0				0.03
164.833	0.00	0.00	0.005	0				0.03
164.917	0.00	0.00	0.005	0				0.03
165.000	0.00	0.00	0.005	0				0.03
165.083	0.00	0.00	0.005	0				0.03
165.167	0.00	0.00	0.005	0				0.03
165.250	0.00	0.00	0.005	0				0.03
165.333	0.00	0.00	0.005	0				0.03
165.417	0.00	0.00	0.005	0				0.03
165.500	0.00	0.00	0.005	0				0.03
165.583	0.00	0.00	0.005	0				0.03
165.667	0.00	0.00	0.005	0				0.03
165.750	0.00	0.00	0.005	0				0.03
165.833	0.00	0.00	0.005	0				0.03
165.917	0.00	0.00	0.005	0				0.03
166.000	0.00	0.00	0.005	0				0.03

166.083	0.00	0.00	0.005	0					0.03
166.167	0.00	0.00	0.005	0					0.03
166.250	0.00	0.00	0.005	0					0.03
166.333	0.00	0.00	0.005	0					0.03
166.417	0.00	0.00	0.004	0					0.02

*****HYDROGRAPH DATA*****

Number of intervals = 1997
 Time interval = 5.0 (Min.)
 Maximum/Peak flow rate = 1.340 (CFS)
 Total volume = 0.135 (Ac.Ft)
 Status of hydrographs being held in storage
 Stream 1 Stream 2 Stream 3 Stream 4 Stream 5
 Peak (CFS) 0.000 0.000 0.000 0.000 0.000
 Vol (Ac.Ft) 0.000 0.000 0.000 0.000 0.000

FLOOD HYDROGRAPH ROUTING PROGRAM
 Copyright (c) CIVILCADD/CIVILDESIGN, 1989 - 2022
 Study date: 01/19/23

MENIFEE STAXUP STORAGE EXTENSION
 PRELIMINARY DRAINAGE STUDY
 BASIN A ROUTING MODEL
 100-YEAR; 6-HOUR

Program License Serial Number 6545

***** HYDROGRAPH INFORMATION *****

From study/file name: D16100.rte
 *****HYDROGRAPH DATA*****
 Number of intervals = 73
 Time interval = 5.0 (Min.)
 Maximum/Peak flow rate = 1.309 (CFS)
 Total volume = 0.133 (Ac.Ft)
 Status of hydrographs being held in storage
 Stream 1 Stream 2 Stream 3 Stream 4 Stream 5
 Peak (CFS) 0.000 0.000 0.000 0.000 0.000
 Vol (Ac.Ft) 0.000 0.000 0.000 0.000 0.000

+++++
 Process from Point/Station 1.000 to Point/Station 2.000
 **** RETARDING BASIN ROUTING ****

User entry of depth-outflow-storage data

Total number of inflow hydrograph intervals = 73
 Hydrograph time unit = 5.000 (Min.)
 Initial depth in storage basin = 0.16(Ft.)

Initial basin depth = 0.16 (Ft.)
 Initial basin storage = 0.03 (Ac.Ft)
 Initial basin outflow = 0.01 (CFS)

Depth vs. Storage and Depth vs. Discharge data:

Basin Depth (Ft.)	Storage (Ac.Ft)	Outflow (CFS)	(S-O*dt/2) (Ac.Ft)	(S+O*dt/2) (Ac.Ft)
0.000	0.000	0.000	0.000	0.000
0.500	0.090	0.020	0.090	0.090
1.000	0.139	7.420	0.113	0.165

Hydrograph Detention Basin Routing

Graph values: 'I'= unit inflow; 'O'=outflow at time shown

Time (Hours)	Inflow (CFS)	Outflow (CFS)	Storage (Ac.Ft)	Depth (Ft.)
0.083	0.05	0.01	0.029 OI	0.16
0.167	0.09	0.01	0.029 O I	0.16
0.250	0.09	0.01	0.030 O I	0.17
0.333	0.09	0.01	0.030 O I	0.17

6.333	0.00	0.02	0.090	0				0.50
6.417	0.00	0.02	0.090	0				0.50
6.500	0.00	0.02	0.089	0				0.50
6.583	0.00	0.02	0.089	0				0.50
6.667	0.00	0.02	0.089	0				0.50
6.750	0.00	0.02	0.089	0				0.49
6.833	0.00	0.02	0.089	0				0.49
6.917	0.00	0.02	0.089	0				0.49
7.000	0.00	0.02	0.089	0				0.49
7.083	0.00	0.02	0.088	0				0.49
7.167	0.00	0.02	0.088	0				0.49
7.250	0.00	0.02	0.088	0				0.49
7.333	0.00	0.02	0.088	0				0.49
7.417	0.00	0.02	0.088	0				0.49
7.500	0.00	0.02	0.088	0				0.49
7.583	0.00	0.02	0.088	0				0.49
7.667	0.00	0.02	0.087	0				0.49
7.750	0.00	0.02	0.087	0				0.49
7.833	0.00	0.02	0.087	0				0.48
7.917	0.00	0.02	0.087	0				0.48
8.000	0.00	0.02	0.087	0				0.48
8.083	0.00	0.02	0.087	0				0.48
8.167	0.00	0.02	0.087	0				0.48
8.250	0.00	0.02	0.087	0				0.48
8.333	0.00	0.02	0.086	0				0.48
8.417	0.00	0.02	0.086	0				0.48
8.500	0.00	0.02	0.086	0				0.48
8.583	0.00	0.02	0.086	0				0.48
8.667	0.00	0.02	0.086	0				0.48
8.750	0.00	0.02	0.086	0				0.48
8.833	0.00	0.02	0.086	0				0.48
8.917	0.00	0.02	0.086	0				0.48
9.000	0.00	0.02	0.085	0				0.47
9.083	0.00	0.02	0.085	0				0.47
9.167	0.00	0.02	0.085	0				0.47
9.250	0.00	0.02	0.085	0				0.47
9.333	0.00	0.02	0.085	0				0.47
9.417	0.00	0.02	0.085	0				0.47
9.500	0.00	0.02	0.085	0				0.47
9.583	0.00	0.02	0.084	0				0.47
9.667	0.00	0.02	0.084	0				0.47
9.750	0.00	0.02	0.084	0				0.47
9.833	0.00	0.02	0.084	0				0.47
9.917	0.00	0.02	0.084	0				0.47
10.000	0.00	0.02	0.084	0				0.47
10.083	0.00	0.02	0.084	0				0.46
10.167	0.00	0.02	0.084	0				0.46
10.250	0.00	0.02	0.083	0				0.46
10.333	0.00	0.02	0.083	0				0.46
10.417	0.00	0.02	0.083	0				0.46
10.500	0.00	0.02	0.083	0				0.46
10.583	0.00	0.02	0.083	0				0.46
10.667	0.00	0.02	0.083	0				0.46
10.750	0.00	0.02	0.083	0				0.46
10.833	0.00	0.02	0.083	0				0.46
10.917	0.00	0.02	0.082	0				0.46
11.000	0.00	0.02	0.082	0				0.46
11.083	0.00	0.02	0.082	0				0.46
11.167	0.00	0.02	0.082	0				0.46
11.250	0.00	0.02	0.082	0				0.46
11.333	0.00	0.02	0.082	0				0.45
11.417	0.00	0.02	0.082	0				0.45
11.500	0.00	0.02	0.082	0				0.45
11.583	0.00	0.02	0.081	0				0.45
11.667	0.00	0.02	0.081	0				0.45
11.750	0.00	0.02	0.081	0				0.45
11.833	0.00	0.02	0.081	0				0.45
11.917	0.00	0.02	0.081	0				0.45
12.000	0.00	0.02	0.081	0				0.45
12.083	0.00	0.02	0.081	0				0.45
12.167	0.00	0.02	0.081	0				0.45

12.250	0.00	0.02	0.080	0				0.45
12.333	0.00	0.02	0.080	0				0.45
12.417	0.00	0.02	0.080	0				0.45
12.500	0.00	0.02	0.080	0				0.44
12.583	0.00	0.02	0.080	0				0.44
12.667	0.00	0.02	0.080	0				0.44
12.750	0.00	0.02	0.080	0				0.44
12.833	0.00	0.02	0.080	0				0.44
12.917	0.00	0.02	0.079	0				0.44
13.000	0.00	0.02	0.079	0				0.44
13.083	0.00	0.02	0.079	0				0.44
13.167	0.00	0.02	0.079	0				0.44
13.250	0.00	0.02	0.079	0				0.44
13.333	0.00	0.02	0.079	0				0.44
13.417	0.00	0.02	0.079	0				0.44
13.500	0.00	0.02	0.079	0				0.44
13.583	0.00	0.02	0.078	0				0.44
13.667	0.00	0.02	0.078	0				0.44
13.750	0.00	0.02	0.078	0				0.43
13.833	0.00	0.02	0.078	0				0.43
13.917	0.00	0.02	0.078	0				0.43
14.000	0.00	0.02	0.078	0				0.43
14.083	0.00	0.02	0.078	0				0.43
14.167	0.00	0.02	0.078	0				0.43
14.250	0.00	0.02	0.078	0				0.43
14.333	0.00	0.02	0.077	0				0.43
14.417	0.00	0.02	0.077	0				0.43
14.500	0.00	0.02	0.077	0				0.43
14.583	0.00	0.02	0.077	0				0.43
14.667	0.00	0.02	0.077	0				0.43
14.750	0.00	0.02	0.077	0				0.43
14.833	0.00	0.02	0.077	0				0.43
14.917	0.00	0.02	0.077	0				0.43
15.000	0.00	0.02	0.076	0				0.42
15.083	0.00	0.02	0.076	0				0.42
15.167	0.00	0.02	0.076	0				0.42
15.250	0.00	0.02	0.076	0				0.42
15.333	0.00	0.02	0.076	0				0.42
15.417	0.00	0.02	0.076	0				0.42
15.500	0.00	0.02	0.076	0				0.42
15.583	0.00	0.02	0.076	0				0.42
15.667	0.00	0.02	0.076	0				0.42
15.750	0.00	0.02	0.075	0				0.42
15.833	0.00	0.02	0.075	0				0.42
15.917	0.00	0.02	0.075	0				0.42
16.000	0.00	0.02	0.075	0				0.42
16.083	0.00	0.02	0.075	0				0.42
16.167	0.00	0.02	0.075	0				0.42
16.250	0.00	0.02	0.075	0				0.42
16.333	0.00	0.02	0.075	0				0.41
16.417	0.00	0.02	0.075	0				0.41
16.500	0.00	0.02	0.074	0				0.41
16.583	0.00	0.02	0.074	0				0.41
16.667	0.00	0.02	0.074	0				0.41
16.750	0.00	0.02	0.074	0				0.41
16.833	0.00	0.02	0.074	0				0.41
16.917	0.00	0.02	0.074	0				0.41
17.000	0.00	0.02	0.074	0				0.41
17.083	0.00	0.02	0.074	0				0.41
17.167	0.00	0.02	0.073	0				0.41
17.250	0.00	0.02	0.073	0				0.41
17.333	0.00	0.02	0.073	0				0.41
17.417	0.00	0.02	0.073	0				0.41
17.500	0.00	0.02	0.073	0				0.41
17.583	0.00	0.02	0.073	0				0.41
17.667	0.00	0.02	0.073	0				0.40
17.750	0.00	0.02	0.073	0				0.40
17.833	0.00	0.02	0.073	0				0.40
17.917	0.00	0.02	0.072	0				0.40
18.000	0.00	0.02	0.072	0				0.40
18.083	0.00	0.02	0.072	0				0.40

18.167	0.00	0.02	0.072	0				0.40
18.250	0.00	0.02	0.072	0				0.40
18.333	0.00	0.02	0.072	0				0.40
18.417	0.00	0.02	0.072	0				0.40
18.500	0.00	0.02	0.072	0				0.40
18.583	0.00	0.02	0.072	0				0.40
18.667	0.00	0.02	0.071	0				0.40
18.750	0.00	0.02	0.071	0				0.40
18.833	0.00	0.02	0.071	0				0.40
18.917	0.00	0.02	0.071	0				0.40
19.000	0.00	0.02	0.071	0				0.39
19.083	0.00	0.02	0.071	0				0.39
19.167	0.00	0.02	0.071	0				0.39
19.250	0.00	0.02	0.071	0				0.39
19.333	0.00	0.02	0.071	0				0.39
19.417	0.00	0.02	0.071	0				0.39
19.500	0.00	0.02	0.070	0				0.39
19.583	0.00	0.02	0.070	0				0.39
19.667	0.00	0.02	0.070	0				0.39
19.750	0.00	0.02	0.070	0				0.39
19.833	0.00	0.02	0.070	0				0.39
19.917	0.00	0.02	0.070	0				0.39
20.000	0.00	0.02	0.070	0				0.39
20.083	0.00	0.02	0.070	0				0.39
20.167	0.00	0.02	0.070	0				0.39
20.250	0.00	0.02	0.069	0				0.39
20.333	0.00	0.02	0.069	0				0.39
20.417	0.00	0.02	0.069	0				0.38
20.500	0.00	0.02	0.069	0				0.38
20.583	0.00	0.02	0.069	0				0.38
20.667	0.00	0.02	0.069	0				0.38
20.750	0.00	0.02	0.069	0				0.38
20.833	0.00	0.02	0.069	0				0.38
20.917	0.00	0.02	0.069	0				0.38
21.000	0.00	0.02	0.068	0				0.38
21.083	0.00	0.02	0.068	0				0.38
21.167	0.00	0.02	0.068	0				0.38
21.250	0.00	0.02	0.068	0				0.38
21.333	0.00	0.02	0.068	0				0.38
21.417	0.00	0.02	0.068	0				0.38
21.500	0.00	0.02	0.068	0				0.38
21.583	0.00	0.02	0.068	0				0.38
21.667	0.00	0.02	0.068	0				0.38
21.750	0.00	0.02	0.068	0				0.38
21.833	0.00	0.01	0.067	0				0.37
21.917	0.00	0.01	0.067	0				0.37
22.000	0.00	0.01	0.067	0				0.37
22.083	0.00	0.01	0.067	0				0.37
22.167	0.00	0.01	0.067	0				0.37
22.250	0.00	0.01	0.067	0				0.37
22.333	0.00	0.01	0.067	0				0.37
22.417	0.00	0.01	0.067	0				0.37
22.500	0.00	0.01	0.067	0				0.37
22.583	0.00	0.01	0.067	0				0.37
22.667	0.00	0.01	0.066	0				0.37
22.750	0.00	0.01	0.066	0				0.37
22.833	0.00	0.01	0.066	0				0.37
22.917	0.00	0.01	0.066	0				0.37
23.000	0.00	0.01	0.066	0				0.37
23.083	0.00	0.01	0.066	0				0.37
23.167	0.00	0.01	0.066	0				0.37
23.250	0.00	0.01	0.066	0				0.37
23.333	0.00	0.01	0.066	0				0.36
23.417	0.00	0.01	0.066	0				0.36
23.500	0.00	0.01	0.065	0				0.36
23.583	0.00	0.01	0.065	0				0.36
23.667	0.00	0.01	0.065	0				0.36
23.750	0.00	0.01	0.065	0				0.36
23.833	0.00	0.01	0.065	0				0.36
23.917	0.00	0.01	0.065	0				0.36
24.000	0.00	0.01	0.065	0				0.36

24.083	0.00	0.01	0.065	0				0.36
24.167	0.00	0.01	0.065	0				0.36
24.250	0.00	0.01	0.065	0				0.36
24.333	0.00	0.01	0.064	0				0.36
24.417	0.00	0.01	0.064	0				0.36
24.500	0.00	0.01	0.064	0				0.36
24.583	0.00	0.01	0.064	0				0.36
24.667	0.00	0.01	0.064	0				0.36
24.750	0.00	0.01	0.064	0				0.36
24.833	0.00	0.01	0.064	0				0.35
24.917	0.00	0.01	0.064	0				0.35
25.000	0.00	0.01	0.064	0				0.35
25.083	0.00	0.01	0.064	0				0.35
25.167	0.00	0.01	0.063	0				0.35
25.250	0.00	0.01	0.063	0				0.35
25.333	0.00	0.01	0.063	0				0.35
25.417	0.00	0.01	0.063	0				0.35
25.500	0.00	0.01	0.063	0				0.35
25.583	0.00	0.01	0.063	0				0.35
25.667	0.00	0.01	0.063	0				0.35
25.750	0.00	0.01	0.063	0				0.35
25.833	0.00	0.01	0.063	0				0.35
25.917	0.00	0.01	0.063	0				0.35
26.000	0.00	0.01	0.062	0				0.35
26.083	0.00	0.01	0.062	0				0.35
26.167	0.00	0.01	0.062	0				0.35
26.250	0.00	0.01	0.062	0				0.35
26.333	0.00	0.01	0.062	0				0.35
26.417	0.00	0.01	0.062	0				0.34
26.500	0.00	0.01	0.062	0				0.34
26.583	0.00	0.01	0.062	0				0.34
26.667	0.00	0.01	0.062	0				0.34
26.750	0.00	0.01	0.062	0				0.34
26.833	0.00	0.01	0.062	0				0.34
26.917	0.00	0.01	0.061	0				0.34
27.000	0.00	0.01	0.061	0				0.34
27.083	0.00	0.01	0.061	0				0.34
27.167	0.00	0.01	0.061	0				0.34
27.250	0.00	0.01	0.061	0				0.34
27.333	0.00	0.01	0.061	0				0.34
27.417	0.00	0.01	0.061	0				0.34
27.500	0.00	0.01	0.061	0				0.34
27.583	0.00	0.01	0.061	0				0.34
27.667	0.00	0.01	0.061	0				0.34
27.750	0.00	0.01	0.061	0				0.34
27.833	0.00	0.01	0.060	0				0.34
27.917	0.00	0.01	0.060	0				0.34
28.000	0.00	0.01	0.060	0				0.33
28.083	0.00	0.01	0.060	0				0.33
28.167	0.00	0.01	0.060	0				0.33
28.250	0.00	0.01	0.060	0				0.33
28.333	0.00	0.01	0.060	0				0.33
28.417	0.00	0.01	0.060	0				0.33
28.500	0.00	0.01	0.060	0				0.33
28.583	0.00	0.01	0.060	0				0.33
28.667	0.00	0.01	0.059	0				0.33
28.750	0.00	0.01	0.059	0				0.33
28.833	0.00	0.01	0.059	0				0.33
28.917	0.00	0.01	0.059	0				0.33
29.000	0.00	0.01	0.059	0				0.33
29.083	0.00	0.01	0.059	0				0.33
29.167	0.00	0.01	0.059	0				0.33
29.250	0.00	0.01	0.059	0				0.33
29.333	0.00	0.01	0.059	0				0.33
29.417	0.00	0.01	0.059	0				0.33
29.500	0.00	0.01	0.059	0				0.33
29.583	0.00	0.01	0.059	0				0.33
29.667	0.00	0.01	0.058	0				0.32
29.750	0.00	0.01	0.058	0				0.32
29.833	0.00	0.01	0.058	0				0.32
29.917	0.00	0.01	0.058	0				0.32

30.000	0.00	0.01	0.058	0				0.32
30.083	0.00	0.01	0.058	0				0.32
30.167	0.00	0.01	0.058	0				0.32
30.250	0.00	0.01	0.058	0				0.32
30.333	0.00	0.01	0.058	0				0.32
30.417	0.00	0.01	0.058	0				0.32
30.500	0.00	0.01	0.058	0				0.32
30.583	0.00	0.01	0.057	0				0.32
30.667	0.00	0.01	0.057	0				0.32
30.750	0.00	0.01	0.057	0				0.32
30.833	0.00	0.01	0.057	0				0.32
30.917	0.00	0.01	0.057	0				0.32
31.000	0.00	0.01	0.057	0				0.32
31.083	0.00	0.01	0.057	0				0.32
31.167	0.00	0.01	0.057	0				0.32
31.250	0.00	0.01	0.057	0				0.32
31.333	0.00	0.01	0.057	0				0.31
31.417	0.00	0.01	0.057	0				0.31
31.500	0.00	0.01	0.056	0				0.31
31.583	0.00	0.01	0.056	0				0.31
31.667	0.00	0.01	0.056	0				0.31
31.750	0.00	0.01	0.056	0				0.31
31.833	0.00	0.01	0.056	0				0.31
31.917	0.00	0.01	0.056	0				0.31
32.000	0.00	0.01	0.056	0				0.31
32.083	0.00	0.01	0.056	0				0.31
32.167	0.00	0.01	0.056	0				0.31
32.250	0.00	0.01	0.056	0				0.31
32.333	0.00	0.01	0.056	0				0.31
32.417	0.00	0.01	0.056	0				0.31
32.500	0.00	0.01	0.055	0				0.31
32.583	0.00	0.01	0.055	0				0.31
32.667	0.00	0.01	0.055	0				0.31
32.750	0.00	0.01	0.055	0				0.31
32.833	0.00	0.01	0.055	0				0.31
32.917	0.00	0.01	0.055	0				0.31
33.000	0.00	0.01	0.055	0				0.31
33.083	0.00	0.01	0.055	0				0.30
33.167	0.00	0.01	0.055	0				0.30
33.250	0.00	0.01	0.055	0				0.30
33.333	0.00	0.01	0.055	0				0.30
33.417	0.00	0.01	0.055	0				0.30
33.500	0.00	0.01	0.054	0				0.30
33.583	0.00	0.01	0.054	0				0.30
33.667	0.00	0.01	0.054	0				0.30
33.750	0.00	0.01	0.054	0				0.30
33.833	0.00	0.01	0.054	0				0.30
33.917	0.00	0.01	0.054	0				0.30
34.000	0.00	0.01	0.054	0				0.30
34.083	0.00	0.01	0.054	0				0.30
34.167	0.00	0.01	0.054	0				0.30
34.250	0.00	0.01	0.054	0				0.30
34.333	0.00	0.01	0.054	0				0.30
34.417	0.00	0.01	0.054	0				0.30
34.500	0.00	0.01	0.053	0				0.30
34.583	0.00	0.01	0.053	0				0.30
34.667	0.00	0.01	0.053	0				0.30
34.750	0.00	0.01	0.053	0				0.30
34.833	0.00	0.01	0.053	0				0.30
34.917	0.00	0.01	0.053	0				0.29
35.000	0.00	0.01	0.053	0				0.29
35.083	0.00	0.01	0.053	0				0.29
35.167	0.00	0.01	0.053	0				0.29
35.250	0.00	0.01	0.053	0				0.29
35.333	0.00	0.01	0.053	0				0.29
35.417	0.00	0.01	0.053	0				0.29
35.500	0.00	0.01	0.052	0				0.29
35.583	0.00	0.01	0.052	0				0.29
35.667	0.00	0.01	0.052	0				0.29
35.750	0.00	0.01	0.052	0				0.29
35.833	0.00	0.01	0.052	0				0.29

35.917	0.00	0.01	0.052	0				0.29
36.000	0.00	0.01	0.052	0				0.29
36.083	0.00	0.01	0.052	0				0.29
36.167	0.00	0.01	0.052	0				0.29
36.250	0.00	0.01	0.052	0				0.29
36.333	0.00	0.01	0.052	0				0.29
36.417	0.00	0.01	0.052	0				0.29
36.500	0.00	0.01	0.052	0				0.29
36.583	0.00	0.01	0.051	0				0.29
36.667	0.00	0.01	0.051	0				0.29
36.750	0.00	0.01	0.051	0				0.28
36.833	0.00	0.01	0.051	0				0.28
36.917	0.00	0.01	0.051	0				0.28
37.000	0.00	0.01	0.051	0				0.28
37.083	0.00	0.01	0.051	0				0.28
37.167	0.00	0.01	0.051	0				0.28
37.250	0.00	0.01	0.051	0				0.28
37.333	0.00	0.01	0.051	0				0.28
37.417	0.00	0.01	0.051	0				0.28
37.500	0.00	0.01	0.051	0				0.28
37.583	0.00	0.01	0.051	0				0.28
37.667	0.00	0.01	0.050	0				0.28
37.750	0.00	0.01	0.050	0				0.28
37.833	0.00	0.01	0.050	0				0.28
37.917	0.00	0.01	0.050	0				0.28
38.000	0.00	0.01	0.050	0				0.28
38.083	0.00	0.01	0.050	0				0.28
38.167	0.00	0.01	0.050	0				0.28
38.250	0.00	0.01	0.050	0				0.28
38.333	0.00	0.01	0.050	0				0.28
38.417	0.00	0.01	0.050	0				0.28
38.500	0.00	0.01	0.050	0				0.28
38.583	0.00	0.01	0.050	0				0.28
38.667	0.00	0.01	0.050	0				0.28
38.750	0.00	0.01	0.049	0				0.27
38.833	0.00	0.01	0.049	0				0.27
38.917	0.00	0.01	0.049	0				0.27
39.000	0.00	0.01	0.049	0				0.27
39.083	0.00	0.01	0.049	0				0.27
39.167	0.00	0.01	0.049	0				0.27
39.250	0.00	0.01	0.049	0				0.27
39.333	0.00	0.01	0.049	0				0.27
39.417	0.00	0.01	0.049	0				0.27
39.500	0.00	0.01	0.049	0				0.27
39.583	0.00	0.01	0.049	0				0.27
39.667	0.00	0.01	0.049	0				0.27
39.750	0.00	0.01	0.049	0				0.27
39.833	0.00	0.01	0.048	0				0.27
39.917	0.00	0.01	0.048	0				0.27
40.000	0.00	0.01	0.048	0				0.27
40.083	0.00	0.01	0.048	0				0.27
40.167	0.00	0.01	0.048	0				0.27
40.250	0.00	0.01	0.048	0				0.27
40.333	0.00	0.01	0.048	0				0.27
40.417	0.00	0.01	0.048	0				0.27
40.500	0.00	0.01	0.048	0				0.27
40.583	0.00	0.01	0.048	0				0.27
40.667	0.00	0.01	0.048	0				0.27
40.750	0.00	0.01	0.048	0				0.26
40.833	0.00	0.01	0.048	0				0.26
40.917	0.00	0.01	0.048	0				0.26
41.000	0.00	0.01	0.047	0				0.26
41.083	0.00	0.01	0.047	0				0.26
41.167	0.00	0.01	0.047	0				0.26
41.250	0.00	0.01	0.047	0				0.26
41.333	0.00	0.01	0.047	0				0.26
41.417	0.00	0.01	0.047	0				0.26
41.500	0.00	0.01	0.047	0				0.26
41.583	0.00	0.01	0.047	0				0.26
41.667	0.00	0.01	0.047	0				0.26
41.750	0.00	0.01	0.047	0				0.26

41.833	0.00	0.01	0.047	0					0.26
41.917	0.00	0.01	0.047	0					0.26
42.000	0.00	0.01	0.047	0					0.26
42.083	0.00	0.01	0.047	0					0.26
42.167	0.00	0.01	0.046	0					0.26
42.250	0.00	0.01	0.046	0					0.26
42.333	0.00	0.01	0.046	0					0.26
42.417	0.00	0.01	0.046	0					0.26
42.500	0.00	0.01	0.046	0					0.26
42.583	0.00	0.01	0.046	0					0.26
42.667	0.00	0.01	0.046	0					0.26
42.750	0.00	0.01	0.046	0					0.26
42.833	0.00	0.01	0.046	0					0.25
42.917	0.00	0.01	0.046	0					0.25
43.000	0.00	0.01	0.046	0					0.25
43.083	0.00	0.01	0.046	0					0.25
43.167	0.00	0.01	0.046	0					0.25
43.250	0.00	0.01	0.046	0					0.25
43.333	0.00	0.01	0.045	0					0.25
43.417	0.00	0.01	0.045	0					0.25
43.500	0.00	0.01	0.045	0					0.25
43.583	0.00	0.01	0.045	0					0.25
43.667	0.00	0.01	0.045	0					0.25
43.750	0.00	0.01	0.045	0					0.25
43.833	0.00	0.01	0.045	0					0.25
43.917	0.00	0.01	0.045	0					0.25
44.000	0.00	0.01	0.045	0					0.25
44.083	0.00	0.01	0.045	0					0.25
44.167	0.00	0.01	0.045	0					0.25
44.250	0.00	0.01	0.045	0					0.25
44.333	0.00	0.01	0.045	0					0.25
44.417	0.00	0.01	0.045	0					0.25
44.500	0.00	0.01	0.044	0					0.25
44.583	0.00	0.01	0.044	0					0.25
44.667	0.00	0.01	0.044	0					0.25
44.750	0.00	0.01	0.044	0					0.25
44.833	0.00	0.01	0.044	0					0.25
44.917	0.00	0.01	0.044	0					0.25
45.000	0.00	0.01	0.044	0					0.24
45.083	0.00	0.01	0.044	0					0.24
45.167	0.00	0.01	0.044	0					0.24
45.250	0.00	0.01	0.044	0					0.24
45.333	0.00	0.01	0.044	0					0.24
45.417	0.00	0.01	0.044	0					0.24
45.500	0.00	0.01	0.044	0					0.24
45.583	0.00	0.01	0.044	0					0.24
45.667	0.00	0.01	0.044	0					0.24
45.750	0.00	0.01	0.043	0					0.24
45.833	0.00	0.01	0.043	0					0.24
45.917	0.00	0.01	0.043	0					0.24
46.000	0.00	0.01	0.043	0					0.24
46.083	0.00	0.01	0.043	0					0.24
46.167	0.00	0.01	0.043	0					0.24
46.250	0.00	0.01	0.043	0					0.24
46.333	0.00	0.01	0.043	0					0.24
46.417	0.00	0.01	0.043	0					0.24
46.500	0.00	0.01	0.043	0					0.24
46.583	0.00	0.01	0.043	0					0.24
46.667	0.00	0.01	0.043	0					0.24
46.750	0.00	0.01	0.043	0					0.24
46.833	0.00	0.01	0.043	0					0.24
46.917	0.00	0.01	0.043	0					0.24
47.000	0.00	0.01	0.042	0					0.24
47.083	0.00	0.01	0.042	0					0.24
47.167	0.00	0.01	0.042	0					0.24
47.250	0.00	0.01	0.042	0					0.23
47.333	0.00	0.01	0.042	0					0.23
47.417	0.00	0.01	0.042	0					0.23
47.500	0.00	0.01	0.042	0					0.23
47.583	0.00	0.01	0.042	0					0.23
47.667	0.00	0.01	0.042	0					0.23

47.750	0.00	0.01	0.042	0				0.23
47.833	0.00	0.01	0.042	0				0.23
47.917	0.00	0.01	0.042	0				0.23
48.000	0.00	0.01	0.042	0				0.23
48.083	0.00	0.01	0.042	0				0.23
48.167	0.00	0.01	0.042	0				0.23
48.250	0.00	0.01	0.042	0				0.23
48.333	0.00	0.01	0.041	0				0.23
48.417	0.00	0.01	0.041	0				0.23
48.500	0.00	0.01	0.041	0				0.23
48.583	0.00	0.01	0.041	0				0.23
48.667	0.00	0.01	0.041	0				0.23
48.750	0.00	0.01	0.041	0				0.23
48.833	0.00	0.01	0.041	0				0.23
48.917	0.00	0.01	0.041	0				0.23
49.000	0.00	0.01	0.041	0				0.23
49.083	0.00	0.01	0.041	0				0.23
49.167	0.00	0.01	0.041	0				0.23
49.250	0.00	0.01	0.041	0				0.23
49.333	0.00	0.01	0.041	0				0.23
49.417	0.00	0.01	0.041	0				0.23
49.500	0.00	0.01	0.041	0				0.23
49.583	0.00	0.01	0.041	0				0.23
49.667	0.00	0.01	0.040	0				0.22
49.750	0.00	0.01	0.040	0				0.22
49.833	0.00	0.01	0.040	0				0.22
49.917	0.00	0.01	0.040	0				0.22
50.000	0.00	0.01	0.040	0				0.22
50.083	0.00	0.01	0.040	0				0.22
50.167	0.00	0.01	0.040	0				0.22
50.250	0.00	0.01	0.040	0				0.22
50.333	0.00	0.01	0.040	0				0.22
50.417	0.00	0.01	0.040	0				0.22
50.500	0.00	0.01	0.040	0				0.22
50.583	0.00	0.01	0.040	0				0.22
50.667	0.00	0.01	0.040	0				0.22
50.750	0.00	0.01	0.040	0				0.22
50.833	0.00	0.01	0.040	0				0.22
50.917	0.00	0.01	0.040	0				0.22
51.000	0.00	0.01	0.039	0				0.22
51.083	0.00	0.01	0.039	0				0.22
51.167	0.00	0.01	0.039	0				0.22
51.250	0.00	0.01	0.039	0				0.22
51.333	0.00	0.01	0.039	0				0.22
51.417	0.00	0.01	0.039	0				0.22
51.500	0.00	0.01	0.039	0				0.22
51.583	0.00	0.01	0.039	0				0.22
51.667	0.00	0.01	0.039	0				0.22
51.750	0.00	0.01	0.039	0				0.22
51.833	0.00	0.01	0.039	0				0.22
51.917	0.00	0.01	0.039	0				0.22
52.000	0.00	0.01	0.039	0				0.22
52.083	0.00	0.01	0.039	0				0.22
52.167	0.00	0.01	0.039	0				0.21
52.250	0.00	0.01	0.039	0				0.21
52.333	0.00	0.01	0.039	0				0.21
52.417	0.00	0.01	0.038	0				0.21
52.500	0.00	0.01	0.038	0				0.21
52.583	0.00	0.01	0.038	0				0.21
52.667	0.00	0.01	0.038	0				0.21
52.750	0.00	0.01	0.038	0				0.21
52.833	0.00	0.01	0.038	0				0.21
52.917	0.00	0.01	0.038	0				0.21
53.000	0.00	0.01	0.038	0				0.21
53.083	0.00	0.01	0.038	0				0.21
53.167	0.00	0.01	0.038	0				0.21
53.250	0.00	0.01	0.038	0				0.21
53.333	0.00	0.01	0.038	0				0.21
53.417	0.00	0.01	0.038	0				0.21
53.500	0.00	0.01	0.038	0				0.21
53.583	0.00	0.01	0.038	0				0.21

53.667	0.00	0.01	0.038	0				0.21
53.750	0.00	0.01	0.038	0				0.21
53.833	0.00	0.01	0.037	0				0.21
53.917	0.00	0.01	0.037	0				0.21
54.000	0.00	0.01	0.037	0				0.21
54.083	0.00	0.01	0.037	0				0.21
54.167	0.00	0.01	0.037	0				0.21
54.250	0.00	0.01	0.037	0				0.21
54.333	0.00	0.01	0.037	0				0.21
54.417	0.00	0.01	0.037	0				0.21
54.500	0.00	0.01	0.037	0				0.21
54.583	0.00	0.01	0.037	0				0.21
54.667	0.00	0.01	0.037	0				0.21
54.750	0.00	0.01	0.037	0				0.20
54.833	0.00	0.01	0.037	0				0.20
54.917	0.00	0.01	0.037	0				0.20
55.000	0.00	0.01	0.037	0				0.20
55.083	0.00	0.01	0.037	0				0.20
55.167	0.00	0.01	0.037	0				0.20
55.250	0.00	0.01	0.037	0				0.20
55.333	0.00	0.01	0.036	0				0.20
55.417	0.00	0.01	0.036	0				0.20
55.500	0.00	0.01	0.036	0				0.20
55.583	0.00	0.01	0.036	0				0.20
55.667	0.00	0.01	0.036	0				0.20
55.750	0.00	0.01	0.036	0				0.20
55.833	0.00	0.01	0.036	0				0.20
55.917	0.00	0.01	0.036	0				0.20
56.000	0.00	0.01	0.036	0				0.20
56.083	0.00	0.01	0.036	0				0.20
56.167	0.00	0.01	0.036	0				0.20
56.250	0.00	0.01	0.036	0				0.20
56.333	0.00	0.01	0.036	0				0.20
56.417	0.00	0.01	0.036	0				0.20
56.500	0.00	0.01	0.036	0				0.20
56.583	0.00	0.01	0.036	0				0.20
56.667	0.00	0.01	0.036	0				0.20
56.750	0.00	0.01	0.036	0				0.20
56.833	0.00	0.01	0.035	0				0.20
56.917	0.00	0.01	0.035	0				0.20
57.000	0.00	0.01	0.035	0				0.20
57.083	0.00	0.01	0.035	0				0.20
57.167	0.00	0.01	0.035	0				0.20
57.250	0.00	0.01	0.035	0				0.20
57.333	0.00	0.01	0.035	0				0.20
57.417	0.00	0.01	0.035	0				0.19
57.500	0.00	0.01	0.035	0				0.19
57.583	0.00	0.01	0.035	0				0.19
57.667	0.00	0.01	0.035	0				0.19
57.750	0.00	0.01	0.035	0				0.19
57.833	0.00	0.01	0.035	0				0.19
57.917	0.00	0.01	0.035	0				0.19
58.000	0.00	0.01	0.035	0				0.19
58.083	0.00	0.01	0.035	0				0.19
58.167	0.00	0.01	0.035	0				0.19
58.250	0.00	0.01	0.035	0				0.19
58.333	0.00	0.01	0.035	0				0.19
58.417	0.00	0.01	0.034	0				0.19
58.500	0.00	0.01	0.034	0				0.19
58.583	0.00	0.01	0.034	0				0.19
58.667	0.00	0.01	0.034	0				0.19
58.750	0.00	0.01	0.034	0				0.19
58.833	0.00	0.01	0.034	0				0.19
58.917	0.00	0.01	0.034	0				0.19
59.000	0.00	0.01	0.034	0				0.19
59.083	0.00	0.01	0.034	0				0.19
59.167	0.00	0.01	0.034	0				0.19
59.250	0.00	0.01	0.034	0				0.19
59.333	0.00	0.01	0.034	0				0.19
59.417	0.00	0.01	0.034	0				0.19
59.500	0.00	0.01	0.034	0				0.19

59.583	0.00	0.01	0.034	0				0.19
59.667	0.00	0.01	0.034	0				0.19
59.750	0.00	0.01	0.034	0				0.19
59.833	0.00	0.01	0.034	0				0.19
59.917	0.00	0.01	0.034	0				0.19
60.000	0.00	0.01	0.033	0				0.19
60.083	0.00	0.01	0.033	0				0.19
60.167	0.00	0.01	0.033	0				0.19
60.250	0.00	0.01	0.033	0				0.19
60.333	0.00	0.01	0.033	0				0.18
60.417	0.00	0.01	0.033	0				0.18
60.500	0.00	0.01	0.033	0				0.18
60.583	0.00	0.01	0.033	0				0.18
60.667	0.00	0.01	0.033	0				0.18
60.750	0.00	0.01	0.033	0				0.18
60.833	0.00	0.01	0.033	0				0.18
60.917	0.00	0.01	0.033	0				0.18
61.000	0.00	0.01	0.033	0				0.18
61.083	0.00	0.01	0.033	0				0.18
61.167	0.00	0.01	0.033	0				0.18
61.250	0.00	0.01	0.033	0				0.18
61.333	0.00	0.01	0.033	0				0.18
61.417	0.00	0.01	0.033	0				0.18
61.500	0.00	0.01	0.033	0				0.18
61.583	0.00	0.01	0.033	0				0.18
61.667	0.00	0.01	0.032	0				0.18
61.750	0.00	0.01	0.032	0				0.18
61.833	0.00	0.01	0.032	0				0.18
61.917	0.00	0.01	0.032	0				0.18
62.000	0.00	0.01	0.032	0				0.18
62.083	0.00	0.01	0.032	0				0.18
62.167	0.00	0.01	0.032	0				0.18
62.250	0.00	0.01	0.032	0				0.18
62.333	0.00	0.01	0.032	0				0.18
62.417	0.00	0.01	0.032	0				0.18
62.500	0.00	0.01	0.032	0				0.18
62.583	0.00	0.01	0.032	0				0.18
62.667	0.00	0.01	0.032	0				0.18
62.750	0.00	0.01	0.032	0				0.18
62.833	0.00	0.01	0.032	0				0.18
62.917	0.00	0.01	0.032	0				0.18
63.000	0.00	0.01	0.032	0				0.18
63.083	0.00	0.01	0.032	0				0.18
63.167	0.00	0.01	0.032	0				0.18
63.250	0.00	0.01	0.032	0				0.18
63.333	0.00	0.01	0.031	0				0.17
63.417	0.00	0.01	0.031	0				0.17
63.500	0.00	0.01	0.031	0				0.17
63.583	0.00	0.01	0.031	0				0.17
63.667	0.00	0.01	0.031	0				0.17
63.750	0.00	0.01	0.031	0				0.17
63.833	0.00	0.01	0.031	0				0.17
63.917	0.00	0.01	0.031	0				0.17
64.000	0.00	0.01	0.031	0				0.17
64.083	0.00	0.01	0.031	0				0.17
64.167	0.00	0.01	0.031	0				0.17
64.250	0.00	0.01	0.031	0				0.17
64.333	0.00	0.01	0.031	0				0.17
64.417	0.00	0.01	0.031	0				0.17
64.500	0.00	0.01	0.031	0				0.17
64.583	0.00	0.01	0.031	0				0.17
64.667	0.00	0.01	0.031	0				0.17
64.750	0.00	0.01	0.031	0				0.17
64.833	0.00	0.01	0.031	0				0.17
64.917	0.00	0.01	0.031	0				0.17
65.000	0.00	0.01	0.031	0				0.17
65.083	0.00	0.01	0.030	0				0.17
65.167	0.00	0.01	0.030	0				0.17
65.250	0.00	0.01	0.030	0				0.17
65.333	0.00	0.01	0.030	0				0.17
65.417	0.00	0.01	0.030	0				0.17

65.500	0.00	0.01	0.030	0				0.17
65.583	0.00	0.01	0.030	0				0.17
65.667	0.00	0.01	0.030	0				0.17
65.750	0.00	0.01	0.030	0				0.17
65.833	0.00	0.01	0.030	0				0.17
65.917	0.00	0.01	0.030	0				0.17
66.000	0.00	0.01	0.030	0				0.17
66.083	0.00	0.01	0.030	0				0.17
66.167	0.00	0.01	0.030	0				0.17
66.250	0.00	0.01	0.030	0				0.17
66.333	0.00	0.01	0.030	0				0.17
66.417	0.00	0.01	0.030	0				0.17
66.500	0.00	0.01	0.030	0				0.16
66.583	0.00	0.01	0.030	0				0.16
66.667	0.00	0.01	0.030	0				0.16
66.750	0.00	0.01	0.030	0				0.16
66.833	0.00	0.01	0.030	0				0.16
66.917	0.00	0.01	0.029	0				0.16
67.000	0.00	0.01	0.029	0				0.16
67.083	0.00	0.01	0.029	0				0.16
67.167	0.00	0.01	0.029	0				0.16
67.250	0.00	0.01	0.029	0				0.16
67.333	0.00	0.01	0.029	0				0.16
67.417	0.00	0.01	0.029	0				0.16
67.500	0.00	0.01	0.029	0				0.16
67.583	0.00	0.01	0.029	0				0.16
67.667	0.00	0.01	0.029	0				0.16
67.750	0.00	0.01	0.029	0				0.16
67.833	0.00	0.01	0.029	0				0.16
67.917	0.00	0.01	0.029	0				0.16
68.000	0.00	0.01	0.029	0				0.16
68.083	0.00	0.01	0.029	0				0.16
68.167	0.00	0.01	0.029	0				0.16
68.250	0.00	0.01	0.029	0				0.16
68.333	0.00	0.01	0.029	0				0.16
68.417	0.00	0.01	0.029	0				0.16
68.500	0.00	0.01	0.029	0				0.16
68.583	0.00	0.01	0.029	0				0.16
68.667	0.00	0.01	0.029	0				0.16
68.750	0.00	0.01	0.028	0				0.16
68.833	0.00	0.01	0.028	0				0.16
68.917	0.00	0.01	0.028	0				0.16
69.000	0.00	0.01	0.028	0				0.16
69.083	0.00	0.01	0.028	0				0.16
69.167	0.00	0.01	0.028	0				0.16
69.250	0.00	0.01	0.028	0				0.16
69.333	0.00	0.01	0.028	0				0.16
69.417	0.00	0.01	0.028	0				0.16
69.500	0.00	0.01	0.028	0				0.16
69.583	0.00	0.01	0.028	0				0.16
69.667	0.00	0.01	0.028	0				0.16
69.750	0.00	0.01	0.028	0				0.16
69.833	0.00	0.01	0.028	0				0.16
69.917	0.00	0.01	0.028	0				0.15
70.000	0.00	0.01	0.028	0				0.15
70.083	0.00	0.01	0.028	0				0.15
70.167	0.00	0.01	0.028	0				0.15
70.250	0.00	0.01	0.028	0				0.15
70.333	0.00	0.01	0.028	0				0.15
70.417	0.00	0.01	0.028	0				0.15
70.500	0.00	0.01	0.028	0				0.15
70.583	0.00	0.01	0.028	0				0.15
70.667	0.00	0.01	0.028	0				0.15
70.750	0.00	0.01	0.027	0				0.15
70.833	0.00	0.01	0.027	0				0.15
70.917	0.00	0.01	0.027	0				0.15
71.000	0.00	0.01	0.027	0				0.15
71.083	0.00	0.01	0.027	0				0.15
71.167	0.00	0.01	0.027	0				0.15
71.250	0.00	0.01	0.027	0				0.15
71.333	0.00	0.01	0.027	0				0.15

71.417	0.00	0.01	0.027	0				0.15
71.500	0.00	0.01	0.027	0				0.15
71.583	0.00	0.01	0.027	0				0.15
71.667	0.00	0.01	0.027	0				0.15
71.750	0.00	0.01	0.027	0				0.15
71.833	0.00	0.01	0.027	0				0.15
71.917	0.00	0.01	0.027	0				0.15
72.000	0.00	0.01	0.027	0				0.15
72.083	0.00	0.01	0.027	0				0.15
72.167	0.00	0.01	0.027	0				0.15
72.250	0.00	0.01	0.027	0				0.15
72.333	0.00	0.01	0.027	0				0.15
72.417	0.00	0.01	0.027	0				0.15
72.500	0.00	0.01	0.027	0				0.15
72.583	0.00	0.01	0.027	0				0.15
72.667	0.00	0.01	0.027	0				0.15
72.750	0.00	0.01	0.026	0				0.15
72.833	0.00	0.01	0.026	0				0.15
72.917	0.00	0.01	0.026	0				0.15
73.000	0.00	0.01	0.026	0				0.15
73.083	0.00	0.01	0.026	0				0.15
73.167	0.00	0.01	0.026	0				0.15
73.250	0.00	0.01	0.026	0				0.15
73.333	0.00	0.01	0.026	0				0.15
73.417	0.00	0.01	0.026	0				0.15
73.500	0.00	0.01	0.026	0				0.15
73.583	0.00	0.01	0.026	0				0.14
73.667	0.00	0.01	0.026	0				0.14
73.750	0.00	0.01	0.026	0				0.14
73.833	0.00	0.01	0.026	0				0.14
73.917	0.00	0.01	0.026	0				0.14
74.000	0.00	0.01	0.026	0				0.14
74.083	0.00	0.01	0.026	0				0.14
74.167	0.00	0.01	0.026	0				0.14
74.250	0.00	0.01	0.026	0				0.14
74.333	0.00	0.01	0.026	0				0.14
74.417	0.00	0.01	0.026	0				0.14
74.500	0.00	0.01	0.026	0				0.14
74.583	0.00	0.01	0.026	0				0.14
74.667	0.00	0.01	0.026	0				0.14
74.750	0.00	0.01	0.026	0				0.14
74.833	0.00	0.01	0.025	0				0.14
74.917	0.00	0.01	0.025	0				0.14
75.000	0.00	0.01	0.025	0				0.14
75.083	0.00	0.01	0.025	0				0.14
75.167	0.00	0.01	0.025	0				0.14
75.250	0.00	0.01	0.025	0				0.14
75.333	0.00	0.01	0.025	0				0.14
75.417	0.00	0.01	0.025	0				0.14
75.500	0.00	0.01	0.025	0				0.14
75.583	0.00	0.01	0.025	0				0.14
75.667	0.00	0.01	0.025	0				0.14
75.750	0.00	0.01	0.025	0				0.14
75.833	0.00	0.01	0.025	0				0.14
75.917	0.00	0.01	0.025	0				0.14
76.000	0.00	0.01	0.025	0				0.14
76.083	0.00	0.01	0.025	0				0.14
76.167	0.00	0.01	0.025	0				0.14
76.250	0.00	0.01	0.025	0				0.14
76.333	0.00	0.01	0.025	0				0.14
76.417	0.00	0.01	0.025	0				0.14
76.500	0.00	0.01	0.025	0				0.14
76.583	0.00	0.01	0.025	0				0.14
76.667	0.00	0.01	0.025	0				0.14
76.750	0.00	0.01	0.025	0				0.14
76.833	0.00	0.01	0.025	0				0.14
76.917	0.00	0.01	0.025	0				0.14
77.000	0.00	0.01	0.024	0				0.14
77.083	0.00	0.01	0.024	0				0.14
77.167	0.00	0.01	0.024	0				0.14
77.250	0.00	0.01	0.024	0				0.14

77.333	0.00	0.01	0.024	0				0.14
77.417	0.00	0.01	0.024	0				0.14
77.500	0.00	0.01	0.024	0				0.13
77.583	0.00	0.01	0.024	0				0.13
77.667	0.00	0.01	0.024	0				0.13
77.750	0.00	0.01	0.024	0				0.13
77.833	0.00	0.01	0.024	0				0.13
77.917	0.00	0.01	0.024	0				0.13
78.000	0.00	0.01	0.024	0				0.13
78.083	0.00	0.01	0.024	0				0.13
78.167	0.00	0.01	0.024	0				0.13
78.250	0.00	0.01	0.024	0				0.13
78.333	0.00	0.01	0.024	0				0.13
78.417	0.00	0.01	0.024	0				0.13
78.500	0.00	0.01	0.024	0				0.13
78.583	0.00	0.01	0.024	0				0.13
78.667	0.00	0.01	0.024	0				0.13
78.750	0.00	0.01	0.024	0				0.13
78.833	0.00	0.01	0.024	0				0.13
78.917	0.00	0.01	0.024	0				0.13
79.000	0.00	0.01	0.024	0				0.13
79.083	0.00	0.01	0.024	0				0.13
79.167	0.00	0.01	0.024	0				0.13
79.250	0.00	0.01	0.023	0				0.13
79.333	0.00	0.01	0.023	0				0.13
79.417	0.00	0.01	0.023	0				0.13
79.500	0.00	0.01	0.023	0				0.13
79.583	0.00	0.01	0.023	0				0.13
79.667	0.00	0.01	0.023	0				0.13
79.750	0.00	0.01	0.023	0				0.13
79.833	0.00	0.01	0.023	0				0.13
79.917	0.00	0.01	0.023	0				0.13
80.000	0.00	0.01	0.023	0				0.13
80.083	0.00	0.01	0.023	0				0.13
80.167	0.00	0.01	0.023	0				0.13
80.250	0.00	0.01	0.023	0				0.13
80.333	0.00	0.01	0.023	0				0.13
80.417	0.00	0.01	0.023	0				0.13
80.500	0.00	0.01	0.023	0				0.13
80.583	0.00	0.01	0.023	0				0.13
80.667	0.00	0.01	0.023	0				0.13
80.750	0.00	0.01	0.023	0				0.13
80.833	0.00	0.01	0.023	0				0.13
80.917	0.00	0.01	0.023	0				0.13
81.000	0.00	0.01	0.023	0				0.13
81.083	0.00	0.01	0.023	0				0.13
81.167	0.00	0.01	0.023	0				0.13
81.250	0.00	0.01	0.023	0				0.13
81.333	0.00	0.01	0.023	0				0.13
81.417	0.00	0.01	0.023	0				0.13
81.500	0.00	0.01	0.023	0				0.13
81.583	0.00	0.01	0.023	0				0.13
81.667	0.00	0.00	0.022	0				0.12
81.750	0.00	0.00	0.022	0				0.12
81.833	0.00	0.00	0.022	0				0.12
81.917	0.00	0.00	0.022	0				0.12
82.000	0.00	0.00	0.022	0				0.12
82.083	0.00	0.00	0.022	0				0.12
82.167	0.00	0.00	0.022	0				0.12
82.250	0.00	0.00	0.022	0				0.12
82.333	0.00	0.00	0.022	0				0.12
82.417	0.00	0.00	0.022	0				0.12
82.500	0.00	0.00	0.022	0				0.12
82.583	0.00	0.00	0.022	0				0.12
82.667	0.00	0.00	0.022	0				0.12
82.750	0.00	0.00	0.022	0				0.12
82.833	0.00	0.00	0.022	0				0.12
82.917	0.00	0.00	0.022	0				0.12
83.000	0.00	0.00	0.022	0				0.12
83.083	0.00	0.00	0.022	0				0.12
83.167	0.00	0.00	0.022	0				0.12

83.250	0.00	0.00	0.022	0					0.12
83.333	0.00	0.00	0.022	0					0.12
83.417	0.00	0.00	0.022	0					0.12
83.500	0.00	0.00	0.022	0					0.12
83.583	0.00	0.00	0.022	0					0.12
83.667	0.00	0.00	0.022	0					0.12
83.750	0.00	0.00	0.022	0					0.12
83.833	0.00	0.00	0.022	0					0.12
83.917	0.00	0.00	0.022	0					0.12
84.000	0.00	0.00	0.022	0					0.12
84.083	0.00	0.00	0.022	0					0.12
84.167	0.00	0.00	0.021	0					0.12
84.250	0.00	0.00	0.021	0					0.12
84.333	0.00	0.00	0.021	0					0.12
84.417	0.00	0.00	0.021	0					0.12
84.500	0.00	0.00	0.021	0					0.12
84.583	0.00	0.00	0.021	0					0.12
84.667	0.00	0.00	0.021	0					0.12
84.750	0.00	0.00	0.021	0					0.12
84.833	0.00	0.00	0.021	0					0.12
84.917	0.00	0.00	0.021	0					0.12
85.000	0.00	0.00	0.021	0					0.12
85.083	0.00	0.00	0.021	0					0.12
85.167	0.00	0.00	0.021	0					0.12
85.250	0.00	0.00	0.021	0					0.12
85.333	0.00	0.00	0.021	0					0.12
85.417	0.00	0.00	0.021	0					0.12
85.500	0.00	0.00	0.021	0					0.12
85.583	0.00	0.00	0.021	0					0.12
85.667	0.00	0.00	0.021	0					0.12
85.750	0.00	0.00	0.021	0					0.12
85.833	0.00	0.00	0.021	0					0.12
85.917	0.00	0.00	0.021	0					0.12
86.000	0.00	0.00	0.021	0					0.12
86.083	0.00	0.00	0.021	0					0.12
86.167	0.00	0.00	0.021	0					0.11
86.250	0.00	0.00	0.021	0					0.11
86.333	0.00	0.00	0.021	0					0.11
86.417	0.00	0.00	0.021	0					0.11
86.500	0.00	0.00	0.021	0					0.11
86.583	0.00	0.00	0.021	0					0.11
86.667	0.00	0.00	0.021	0					0.11
86.750	0.00	0.00	0.020	0					0.11
86.833	0.00	0.00	0.020	0					0.11
86.917	0.00	0.00	0.020	0					0.11
87.000	0.00	0.00	0.020	0					0.11
87.083	0.00	0.00	0.020	0					0.11
87.167	0.00	0.00	0.020	0					0.11
87.250	0.00	0.00	0.020	0					0.11
87.333	0.00	0.00	0.020	0					0.11
87.417	0.00	0.00	0.020	0					0.11
87.500	0.00	0.00	0.020	0					0.11
87.583	0.00	0.00	0.020	0					0.11
87.667	0.00	0.00	0.020	0					0.11
87.750	0.00	0.00	0.020	0					0.11
87.833	0.00	0.00	0.020	0					0.11
87.917	0.00	0.00	0.020	0					0.11
88.000	0.00	0.00	0.020	0					0.11
88.083	0.00	0.00	0.020	0					0.11
88.167	0.00	0.00	0.020	0					0.11
88.250	0.00	0.00	0.020	0					0.11
88.333	0.00	0.00	0.020	0					0.11
88.417	0.00	0.00	0.020	0					0.11
88.500	0.00	0.00	0.020	0					0.11
88.583	0.00	0.00	0.020	0					0.11
88.667	0.00	0.00	0.020	0					0.11
88.750	0.00	0.00	0.020	0					0.11
88.833	0.00	0.00	0.020	0					0.11
88.917	0.00	0.00	0.020	0					0.11
89.000	0.00	0.00	0.020	0					0.11
89.083	0.00	0.00	0.020	0					0.11

89.167	0.00	0.00	0.020	0				0.11
89.250	0.00	0.00	0.020	0				0.11
89.333	0.00	0.00	0.020	0				0.11
89.417	0.00	0.00	0.019	0				0.11
89.500	0.00	0.00	0.019	0				0.11
89.583	0.00	0.00	0.019	0				0.11
89.667	0.00	0.00	0.019	0				0.11
89.750	0.00	0.00	0.019	0				0.11
89.833	0.00	0.00	0.019	0				0.11
89.917	0.00	0.00	0.019	0				0.11
90.000	0.00	0.00	0.019	0				0.11
90.083	0.00	0.00	0.019	0				0.11
90.167	0.00	0.00	0.019	0				0.11
90.250	0.00	0.00	0.019	0				0.11
90.333	0.00	0.00	0.019	0				0.11
90.417	0.00	0.00	0.019	0				0.11
90.500	0.00	0.00	0.019	0				0.11
90.583	0.00	0.00	0.019	0				0.11
90.667	0.00	0.00	0.019	0				0.11
90.750	0.00	0.00	0.019	0				0.11
90.833	0.00	0.00	0.019	0				0.11
90.917	0.00	0.00	0.019	0				0.11
91.000	0.00	0.00	0.019	0				0.11
91.083	0.00	0.00	0.019	0				0.11
91.167	0.00	0.00	0.019	0				0.10
91.250	0.00	0.00	0.019	0				0.10
91.333	0.00	0.00	0.019	0				0.10
91.417	0.00	0.00	0.019	0				0.10
91.500	0.00	0.00	0.019	0				0.10
91.583	0.00	0.00	0.019	0				0.10
91.667	0.00	0.00	0.019	0				0.10
91.750	0.00	0.00	0.019	0				0.10
91.833	0.00	0.00	0.019	0				0.10
91.917	0.00	0.00	0.019	0				0.10
92.000	0.00	0.00	0.019	0				0.10
92.083	0.00	0.00	0.019	0				0.10
92.167	0.00	0.00	0.019	0				0.10
92.250	0.00	0.00	0.019	0				0.10
92.333	0.00	0.00	0.018	0				0.10
92.417	0.00	0.00	0.018	0				0.10
92.500	0.00	0.00	0.018	0				0.10
92.583	0.00	0.00	0.018	0				0.10
92.667	0.00	0.00	0.018	0				0.10
92.750	0.00	0.00	0.018	0				0.10
92.833	0.00	0.00	0.018	0				0.10
92.917	0.00	0.00	0.018	0				0.10
93.000	0.00	0.00	0.018	0				0.10
93.083	0.00	0.00	0.018	0				0.10
93.167	0.00	0.00	0.018	0				0.10
93.250	0.00	0.00	0.018	0				0.10
93.333	0.00	0.00	0.018	0				0.10
93.417	0.00	0.00	0.018	0				0.10
93.500	0.00	0.00	0.018	0				0.10
93.583	0.00	0.00	0.018	0				0.10
93.667	0.00	0.00	0.018	0				0.10
93.750	0.00	0.00	0.018	0				0.10
93.833	0.00	0.00	0.018	0				0.10
93.917	0.00	0.00	0.018	0				0.10
94.000	0.00	0.00	0.018	0				0.10
94.083	0.00	0.00	0.018	0				0.10
94.167	0.00	0.00	0.018	0				0.10
94.250	0.00	0.00	0.018	0				0.10
94.333	0.00	0.00	0.018	0				0.10
94.417	0.00	0.00	0.018	0				0.10
94.500	0.00	0.00	0.018	0				0.10
94.583	0.00	0.00	0.018	0				0.10
94.667	0.00	0.00	0.018	0				0.10
94.750	0.00	0.00	0.018	0				0.10
94.833	0.00	0.00	0.018	0				0.10
94.917	0.00	0.00	0.018	0				0.10
95.000	0.00	0.00	0.018	0				0.10

95.083	0.00	0.00	0.018	0				0.10
95.167	0.00	0.00	0.018	0				0.10
95.250	0.00	0.00	0.018	0				0.10
95.333	0.00	0.00	0.017	0				0.10
95.417	0.00	0.00	0.017	0				0.10
95.500	0.00	0.00	0.017	0				0.10
95.583	0.00	0.00	0.017	0				0.10
95.667	0.00	0.00	0.017	0				0.10
95.750	0.00	0.00	0.017	0				0.10
95.833	0.00	0.00	0.017	0				0.10
95.917	0.00	0.00	0.017	0				0.10
96.000	0.00	0.00	0.017	0				0.10
96.083	0.00	0.00	0.017	0				0.10
96.167	0.00	0.00	0.017	0				0.10
96.250	0.00	0.00	0.017	0				0.10
96.333	0.00	0.00	0.017	0				0.10
96.417	0.00	0.00	0.017	0				0.10
96.500	0.00	0.00	0.017	0				0.10
96.583	0.00	0.00	0.017	0				0.09
96.667	0.00	0.00	0.017	0				0.09
96.750	0.00	0.00	0.017	0				0.09
96.833	0.00	0.00	0.017	0				0.09
96.917	0.00	0.00	0.017	0				0.09
97.000	0.00	0.00	0.017	0				0.09
97.083	0.00	0.00	0.017	0				0.09
97.167	0.00	0.00	0.017	0				0.09
97.250	0.00	0.00	0.017	0				0.09
97.333	0.00	0.00	0.017	0				0.09
97.417	0.00	0.00	0.017	0				0.09
97.500	0.00	0.00	0.017	0				0.09
97.583	0.00	0.00	0.017	0				0.09
97.667	0.00	0.00	0.017	0				0.09
97.750	0.00	0.00	0.017	0				0.09
97.833	0.00	0.00	0.017	0				0.09
97.917	0.00	0.00	0.017	0				0.09
98.000	0.00	0.00	0.017	0				0.09
98.083	0.00	0.00	0.017	0				0.09
98.167	0.00	0.00	0.017	0				0.09
98.250	0.00	0.00	0.017	0				0.09
98.333	0.00	0.00	0.017	0				0.09
98.417	0.00	0.00	0.017	0				0.09
98.500	0.00	0.00	0.017	0				0.09
98.583	0.00	0.00	0.016	0				0.09
98.667	0.00	0.00	0.016	0				0.09
98.750	0.00	0.00	0.016	0				0.09
98.833	0.00	0.00	0.016	0				0.09
98.917	0.00	0.00	0.016	0				0.09
99.000	0.00	0.00	0.016	0				0.09
99.083	0.00	0.00	0.016	0				0.09
99.167	0.00	0.00	0.016	0				0.09
99.250	0.00	0.00	0.016	0				0.09
99.333	0.00	0.00	0.016	0				0.09
99.417	0.00	0.00	0.016	0				0.09
99.500	0.00	0.00	0.016	0				0.09
99.583	0.00	0.00	0.016	0				0.09
99.667	0.00	0.00	0.016	0				0.09
99.750	0.00	0.00	0.016	0				0.09
99.833	0.00	0.00	0.016	0				0.09
99.917	0.00	0.00	0.016	0				0.09
100.000	0.00	0.00	0.016	0				0.09
100.083	0.00	0.00	0.016	0				0.09
100.167	0.00	0.00	0.016	0				0.09
100.250	0.00	0.00	0.016	0				0.09
100.333	0.00	0.00	0.016	0				0.09
100.417	0.00	0.00	0.016	0				0.09
100.500	0.00	0.00	0.016	0				0.09
100.583	0.00	0.00	0.016	0				0.09
100.667	0.00	0.00	0.016	0				0.09
100.750	0.00	0.00	0.016	0				0.09
100.833	0.00	0.00	0.016	0				0.09
100.917	0.00	0.00	0.016	0				0.09

101.000	0.00	0.00	0.016	0				0.09
101.083	0.00	0.00	0.016	0				0.09
101.167	0.00	0.00	0.016	0				0.09
101.250	0.00	0.00	0.016	0				0.09
101.333	0.00	0.00	0.016	0				0.09
101.417	0.00	0.00	0.016	0				0.09
101.500	0.00	0.00	0.016	0				0.09
101.583	0.00	0.00	0.016	0				0.09
101.667	0.00	0.00	0.016	0				0.09
101.750	0.00	0.00	0.016	0				0.09
101.833	0.00	0.00	0.016	0				0.09
101.917	0.00	0.00	0.015	0				0.09
102.000	0.00	0.00	0.015	0				0.09
102.083	0.00	0.00	0.015	0				0.09
102.167	0.00	0.00	0.015	0				0.09
102.250	0.00	0.00	0.015	0				0.09
102.333	0.00	0.00	0.015	0				0.09
102.417	0.00	0.00	0.015	0				0.09
102.500	0.00	0.00	0.015	0				0.09
102.583	0.00	0.00	0.015	0				0.09
102.667	0.00	0.00	0.015	0				0.08
102.750	0.00	0.00	0.015	0				0.08
102.833	0.00	0.00	0.015	0				0.08
102.917	0.00	0.00	0.015	0				0.08
103.000	0.00	0.00	0.015	0				0.08
103.083	0.00	0.00	0.015	0				0.08
103.167	0.00	0.00	0.015	0				0.08
103.250	0.00	0.00	0.015	0				0.08
103.333	0.00	0.00	0.015	0				0.08
103.417	0.00	0.00	0.015	0				0.08
103.500	0.00	0.00	0.015	0				0.08
103.583	0.00	0.00	0.015	0				0.08
103.667	0.00	0.00	0.015	0				0.08
103.750	0.00	0.00	0.015	0				0.08
103.833	0.00	0.00	0.015	0				0.08
103.917	0.00	0.00	0.015	0				0.08
104.000	0.00	0.00	0.015	0				0.08
104.083	0.00	0.00	0.015	0				0.08
104.167	0.00	0.00	0.015	0				0.08
104.250	0.00	0.00	0.015	0				0.08
104.333	0.00	0.00	0.015	0				0.08
104.417	0.00	0.00	0.015	0				0.08
104.500	0.00	0.00	0.015	0				0.08
104.583	0.00	0.00	0.015	0				0.08
104.667	0.00	0.00	0.015	0				0.08
104.750	0.00	0.00	0.015	0				0.08
104.833	0.00	0.00	0.015	0				0.08
104.917	0.00	0.00	0.015	0				0.08
105.000	0.00	0.00	0.015	0				0.08
105.083	0.00	0.00	0.015	0				0.08
105.167	0.00	0.00	0.015	0				0.08
105.250	0.00	0.00	0.015	0				0.08
105.333	0.00	0.00	0.015	0				0.08
105.417	0.00	0.00	0.015	0				0.08
105.500	0.00	0.00	0.015	0				0.08
105.583	0.00	0.00	0.014	0				0.08
105.667	0.00	0.00	0.014	0				0.08
105.750	0.00	0.00	0.014	0				0.08
105.833	0.00	0.00	0.014	0				0.08
105.917	0.00	0.00	0.014	0				0.08
106.000	0.00	0.00	0.014	0				0.08
106.083	0.00	0.00	0.014	0				0.08
106.167	0.00	0.00	0.014	0				0.08
106.250	0.00	0.00	0.014	0				0.08
106.333	0.00	0.00	0.014	0				0.08
106.417	0.00	0.00	0.014	0				0.08
106.500	0.00	0.00	0.014	0				0.08
106.583	0.00	0.00	0.014	0				0.08
106.667	0.00	0.00	0.014	0				0.08
106.750	0.00	0.00	0.014	0				0.08
106.833	0.00	0.00	0.014	0				0.08

106.917	0.00	0.00	0.014	0				0.08
107.000	0.00	0.00	0.014	0				0.08
107.083	0.00	0.00	0.014	0				0.08
107.167	0.00	0.00	0.014	0				0.08
107.250	0.00	0.00	0.014	0				0.08
107.333	0.00	0.00	0.014	0				0.08
107.417	0.00	0.00	0.014	0				0.08
107.500	0.00	0.00	0.014	0				0.08
107.583	0.00	0.00	0.014	0				0.08
107.667	0.00	0.00	0.014	0				0.08
107.750	0.00	0.00	0.014	0				0.08
107.833	0.00	0.00	0.014	0				0.08
107.917	0.00	0.00	0.014	0				0.08
108.000	0.00	0.00	0.014	0				0.08
108.083	0.00	0.00	0.014	0				0.08
108.167	0.00	0.00	0.014	0				0.08
108.250	0.00	0.00	0.014	0				0.08
108.333	0.00	0.00	0.014	0				0.08
108.417	0.00	0.00	0.014	0				0.08
108.500	0.00	0.00	0.014	0				0.08
108.583	0.00	0.00	0.014	0				0.08
108.667	0.00	0.00	0.014	0				0.08
108.750	0.00	0.00	0.014	0				0.08
108.833	0.00	0.00	0.014	0				0.08
108.917	0.00	0.00	0.014	0				0.08
109.000	0.00	0.00	0.014	0				0.08
109.083	0.00	0.00	0.014	0				0.08
109.167	0.00	0.00	0.014	0				0.08
109.250	0.00	0.00	0.014	0				0.08
109.333	0.00	0.00	0.014	0				0.08
109.417	0.00	0.00	0.014	0				0.08
109.500	0.00	0.00	0.013	0				0.07
109.583	0.00	0.00	0.013	0				0.07
109.667	0.00	0.00	0.013	0				0.07
109.750	0.00	0.00	0.013	0				0.07
109.833	0.00	0.00	0.013	0				0.07
109.917	0.00	0.00	0.013	0				0.07
110.000	0.00	0.00	0.013	0				0.07
110.083	0.00	0.00	0.013	0				0.07
110.167	0.00	0.00	0.013	0				0.07
110.250	0.00	0.00	0.013	0				0.07
110.333	0.00	0.00	0.013	0				0.07
110.417	0.00	0.00	0.013	0				0.07
110.500	0.00	0.00	0.013	0				0.07
110.583	0.00	0.00	0.013	0				0.07
110.667	0.00	0.00	0.013	0				0.07
110.750	0.00	0.00	0.013	0				0.07
110.833	0.00	0.00	0.013	0				0.07
110.917	0.00	0.00	0.013	0				0.07
111.000	0.00	0.00	0.013	0				0.07
111.083	0.00	0.00	0.013	0				0.07
111.167	0.00	0.00	0.013	0				0.07
111.250	0.00	0.00	0.013	0				0.07
111.333	0.00	0.00	0.013	0				0.07
111.417	0.00	0.00	0.013	0				0.07
111.500	0.00	0.00	0.013	0				0.07
111.583	0.00	0.00	0.013	0				0.07
111.667	0.00	0.00	0.013	0				0.07
111.750	0.00	0.00	0.013	0				0.07
111.833	0.00	0.00	0.013	0				0.07
111.917	0.00	0.00	0.013	0				0.07
112.000	0.00	0.00	0.013	0				0.07
112.083	0.00	0.00	0.013	0				0.07
112.167	0.00	0.00	0.013	0				0.07
112.250	0.00	0.00	0.013	0				0.07
112.333	0.00	0.00	0.013	0				0.07
112.417	0.00	0.00	0.013	0				0.07
112.500	0.00	0.00	0.013	0				0.07
112.583	0.00	0.00	0.013	0				0.07
112.667	0.00	0.00	0.013	0				0.07
112.750	0.00	0.00	0.013	0				0.07

112.833	0.00	0.00	0.013	0				0.07
112.917	0.00	0.00	0.013	0				0.07
113.000	0.00	0.00	0.013	0				0.07
113.083	0.00	0.00	0.013	0				0.07
113.167	0.00	0.00	0.013	0				0.07
113.250	0.00	0.00	0.013	0				0.07
113.333	0.00	0.00	0.013	0				0.07
113.417	0.00	0.00	0.013	0				0.07
113.500	0.00	0.00	0.013	0				0.07
113.583	0.00	0.00	0.013	0				0.07
113.667	0.00	0.00	0.012	0				0.07
113.750	0.00	0.00	0.012	0				0.07
113.833	0.00	0.00	0.012	0				0.07
113.917	0.00	0.00	0.012	0				0.07
114.000	0.00	0.00	0.012	0				0.07
114.083	0.00	0.00	0.012	0				0.07
114.167	0.00	0.00	0.012	0				0.07
114.250	0.00	0.00	0.012	0				0.07
114.333	0.00	0.00	0.012	0				0.07
114.417	0.00	0.00	0.012	0				0.07
114.500	0.00	0.00	0.012	0				0.07
114.583	0.00	0.00	0.012	0				0.07
114.667	0.00	0.00	0.012	0				0.07
114.750	0.00	0.00	0.012	0				0.07
114.833	0.00	0.00	0.012	0				0.07
114.917	0.00	0.00	0.012	0				0.07
115.000	0.00	0.00	0.012	0				0.07
115.083	0.00	0.00	0.012	0				0.07
115.167	0.00	0.00	0.012	0				0.07
115.250	0.00	0.00	0.012	0				0.07
115.333	0.00	0.00	0.012	0				0.07
115.417	0.00	0.00	0.012	0				0.07
115.500	0.00	0.00	0.012	0				0.07
115.583	0.00	0.00	0.012	0				0.07
115.667	0.00	0.00	0.012	0				0.07
115.750	0.00	0.00	0.012	0				0.07
115.833	0.00	0.00	0.012	0				0.07
115.917	0.00	0.00	0.012	0				0.07
116.000	0.00	0.00	0.012	0				0.07
116.083	0.00	0.00	0.012	0				0.07
116.167	0.00	0.00	0.012	0				0.07
116.250	0.00	0.00	0.012	0				0.07
116.333	0.00	0.00	0.012	0				0.07
116.417	0.00	0.00	0.012	0				0.07
116.500	0.00	0.00	0.012	0				0.07
116.583	0.00	0.00	0.012	0				0.07
116.667	0.00	0.00	0.012	0				0.07
116.750	0.00	0.00	0.012	0				0.07
116.833	0.00	0.00	0.012	0				0.07
116.917	0.00	0.00	0.012	0				0.07
117.000	0.00	0.00	0.012	0				0.07
117.083	0.00	0.00	0.012	0				0.07
117.167	0.00	0.00	0.012	0				0.07
117.250	0.00	0.00	0.012	0				0.06
117.333	0.00	0.00	0.012	0				0.06
117.417	0.00	0.00	0.012	0				0.06
117.500	0.00	0.00	0.012	0				0.06
117.583	0.00	0.00	0.012	0				0.06
117.667	0.00	0.00	0.012	0				0.06
117.750	0.00	0.00	0.012	0				0.06
117.833	0.00	0.00	0.012	0				0.06
117.917	0.00	0.00	0.012	0				0.06
118.000	0.00	0.00	0.012	0				0.06
118.083	0.00	0.00	0.012	0				0.06
118.167	0.00	0.00	0.011	0				0.06
118.250	0.00	0.00	0.011	0				0.06
118.333	0.00	0.00	0.011	0				0.06
118.417	0.00	0.00	0.011	0				0.06
118.500	0.00	0.00	0.011	0				0.06
118.583	0.00	0.00	0.011	0				0.06
118.667	0.00	0.00	0.011	0				0.06

118.750	0.00	0.00	0.011	0				0.06
118.833	0.00	0.00	0.011	0				0.06
118.917	0.00	0.00	0.011	0				0.06
119.000	0.00	0.00	0.011	0				0.06
119.083	0.00	0.00	0.011	0				0.06
119.167	0.00	0.00	0.011	0				0.06
119.250	0.00	0.00	0.011	0				0.06
119.333	0.00	0.00	0.011	0				0.06
119.417	0.00	0.00	0.011	0				0.06
119.500	0.00	0.00	0.011	0				0.06
119.583	0.00	0.00	0.011	0				0.06
119.667	0.00	0.00	0.011	0				0.06
119.750	0.00	0.00	0.011	0				0.06
119.833	0.00	0.00	0.011	0				0.06
119.917	0.00	0.00	0.011	0				0.06
120.000	0.00	0.00	0.011	0				0.06
120.083	0.00	0.00	0.011	0				0.06
120.167	0.00	0.00	0.011	0				0.06
120.250	0.00	0.00	0.011	0				0.06
120.333	0.00	0.00	0.011	0				0.06
120.417	0.00	0.00	0.011	0				0.06
120.500	0.00	0.00	0.011	0				0.06
120.583	0.00	0.00	0.011	0				0.06
120.667	0.00	0.00	0.011	0				0.06
120.750	0.00	0.00	0.011	0				0.06
120.833	0.00	0.00	0.011	0				0.06
120.917	0.00	0.00	0.011	0				0.06
121.000	0.00	0.00	0.011	0				0.06
121.083	0.00	0.00	0.011	0				0.06
121.167	0.00	0.00	0.011	0				0.06
121.250	0.00	0.00	0.011	0				0.06
121.333	0.00	0.00	0.011	0				0.06
121.417	0.00	0.00	0.011	0				0.06
121.500	0.00	0.00	0.011	0				0.06
121.583	0.00	0.00	0.011	0				0.06
121.667	0.00	0.00	0.011	0				0.06
121.750	0.00	0.00	0.011	0				0.06
121.833	0.00	0.00	0.011	0				0.06
121.917	0.00	0.00	0.011	0				0.06
122.000	0.00	0.00	0.011	0				0.06
122.083	0.00	0.00	0.011	0				0.06
122.167	0.00	0.00	0.011	0				0.06
122.250	0.00	0.00	0.011	0				0.06
122.333	0.00	0.00	0.011	0				0.06
122.417	0.00	0.00	0.011	0				0.06
122.500	0.00	0.00	0.011	0				0.06
122.583	0.00	0.00	0.011	0				0.06
122.667	0.00	0.00	0.011	0				0.06
122.750	0.00	0.00	0.011	0				0.06
122.833	0.00	0.00	0.011	0				0.06
122.917	0.00	0.00	0.011	0				0.06
123.000	0.00	0.00	0.011	0				0.06
123.083	0.00	0.00	0.011	0				0.06
123.167	0.00	0.00	0.010	0				0.06
123.250	0.00	0.00	0.010	0				0.06
123.333	0.00	0.00	0.010	0				0.06
123.417	0.00	0.00	0.010	0				0.06
123.500	0.00	0.00	0.010	0				0.06
123.583	0.00	0.00	0.010	0				0.06
123.667	0.00	0.00	0.010	0				0.06
123.750	0.00	0.00	0.010	0				0.06
123.833	0.00	0.00	0.010	0				0.06
123.917	0.00	0.00	0.010	0				0.06
124.000	0.00	0.00	0.010	0				0.06
124.083	0.00	0.00	0.010	0				0.06
124.167	0.00	0.00	0.010	0				0.06
124.250	0.00	0.00	0.010	0				0.06
124.333	0.00	0.00	0.010	0				0.06
124.417	0.00	0.00	0.010	0				0.06
124.500	0.00	0.00	0.010	0				0.06
124.583	0.00	0.00	0.010	0				0.06

124.667	0.00	0.00	0.010	0					0.06
124.750	0.00	0.00	0.010	0					0.06
124.833	0.00	0.00	0.010	0					0.06
124.917	0.00	0.00	0.010	0					0.06
125.000	0.00	0.00	0.010	0					0.06
125.083	0.00	0.00	0.010	0					0.06
125.167	0.00	0.00	0.010	0					0.06
125.250	0.00	0.00	0.010	0					0.06
125.333	0.00	0.00	0.010	0					0.06
125.417	0.00	0.00	0.010	0					0.06
125.500	0.00	0.00	0.010	0					0.06
125.583	0.00	0.00	0.010	0					0.06
125.667	0.00	0.00	0.010	0					0.06
125.750	0.00	0.00	0.010	0					0.06
125.833	0.00	0.00	0.010	0					0.06
125.917	0.00	0.00	0.010	0					0.06
126.000	0.00	0.00	0.010	0					0.06
126.083	0.00	0.00	0.010	0					0.06
126.167	0.00	0.00	0.010	0					0.06
126.250	0.00	0.00	0.010	0					0.06
126.333	0.00	0.00	0.010	0					0.05
126.417	0.00	0.00	0.010	0					0.05
126.500	0.00	0.00	0.010	0					0.05
126.583	0.00	0.00	0.010	0					0.05
126.667	0.00	0.00	0.010	0					0.05
126.750	0.00	0.00	0.010	0					0.05
126.833	0.00	0.00	0.010	0					0.05
126.917	0.00	0.00	0.010	0					0.05
127.000	0.00	0.00	0.010	0					0.05
127.083	0.00	0.00	0.010	0					0.05
127.167	0.00	0.00	0.010	0					0.05
127.250	0.00	0.00	0.010	0					0.05
127.333	0.00	0.00	0.010	0					0.05
127.417	0.00	0.00	0.010	0					0.05
127.500	0.00	0.00	0.010	0					0.05
127.583	0.00	0.00	0.010	0					0.05
127.667	0.00	0.00	0.010	0					0.05
127.750	0.00	0.00	0.010	0					0.05
127.833	0.00	0.00	0.010	0					0.05
127.917	0.00	0.00	0.010	0					0.05
128.000	0.00	0.00	0.010	0					0.05
128.083	0.00	0.00	0.010	0					0.05
128.167	0.00	0.00	0.010	0					0.05
128.250	0.00	0.00	0.010	0					0.05
128.333	0.00	0.00	0.010	0					0.05
128.417	0.00	0.00	0.010	0					0.05
128.500	0.00	0.00	0.010	0					0.05
128.583	0.00	0.00	0.009	0					0.05
128.667	0.00	0.00	0.009	0					0.05
128.750	0.00	0.00	0.009	0					0.05
128.833	0.00	0.00	0.009	0					0.05
128.917	0.00	0.00	0.009	0					0.05
129.000	0.00	0.00	0.009	0					0.05
129.083	0.00	0.00	0.009	0					0.05
129.167	0.00	0.00	0.009	0					0.05
129.250	0.00	0.00	0.009	0					0.05
129.333	0.00	0.00	0.009	0					0.05
129.417	0.00	0.00	0.009	0					0.05
129.500	0.00	0.00	0.009	0					0.05
129.583	0.00	0.00	0.009	0					0.05
129.667	0.00	0.00	0.009	0					0.05
129.750	0.00	0.00	0.009	0					0.05
129.833	0.00	0.00	0.009	0					0.05
129.917	0.00	0.00	0.009	0					0.05
130.000	0.00	0.00	0.009	0					0.05
130.083	0.00	0.00	0.009	0					0.05
130.167	0.00	0.00	0.009	0					0.05
130.250	0.00	0.00	0.009	0					0.05
130.333	0.00	0.00	0.009	0					0.05
130.417	0.00	0.00	0.009	0					0.05
130.500	0.00	0.00	0.009	0					0.05

130.583	0.00	0.00	0.009	0				0.05
130.667	0.00	0.00	0.009	0				0.05
130.750	0.00	0.00	0.009	0				0.05
130.833	0.00	0.00	0.009	0				0.05
130.917	0.00	0.00	0.009	0				0.05
131.000	0.00	0.00	0.009	0				0.05
131.083	0.00	0.00	0.009	0				0.05
131.167	0.00	0.00	0.009	0				0.05
131.250	0.00	0.00	0.009	0				0.05
131.333	0.00	0.00	0.009	0				0.05
131.417	0.00	0.00	0.009	0				0.05
131.500	0.00	0.00	0.009	0				0.05
131.583	0.00	0.00	0.009	0				0.05
131.667	0.00	0.00	0.009	0				0.05
131.750	0.00	0.00	0.009	0				0.05
131.833	0.00	0.00	0.009	0				0.05
131.917	0.00	0.00	0.009	0				0.05
132.000	0.00	0.00	0.009	0				0.05
132.083	0.00	0.00	0.009	0				0.05
132.167	0.00	0.00	0.009	0				0.05
132.250	0.00	0.00	0.009	0				0.05
132.333	0.00	0.00	0.009	0				0.05
132.417	0.00	0.00	0.009	0				0.05
132.500	0.00	0.00	0.009	0				0.05
132.583	0.00	0.00	0.009	0				0.05
132.667	0.00	0.00	0.009	0				0.05
132.750	0.00	0.00	0.009	0				0.05
132.833	0.00	0.00	0.009	0				0.05
132.917	0.00	0.00	0.009	0				0.05
133.000	0.00	0.00	0.009	0				0.05
133.083	0.00	0.00	0.009	0				0.05
133.167	0.00	0.00	0.009	0				0.05
133.250	0.00	0.00	0.009	0				0.05
133.333	0.00	0.00	0.009	0				0.05
133.417	0.00	0.00	0.009	0				0.05
133.500	0.00	0.00	0.009	0				0.05
133.583	0.00	0.00	0.009	0				0.05
133.667	0.00	0.00	0.009	0				0.05
133.750	0.00	0.00	0.009	0				0.05
133.833	0.00	0.00	0.009	0				0.05
133.917	0.00	0.00	0.009	0				0.05
134.000	0.00	0.00	0.009	0				0.05
134.083	0.00	0.00	0.009	0				0.05
134.167	0.00	0.00	0.009	0				0.05
134.250	0.00	0.00	0.009	0				0.05
134.333	0.00	0.00	0.009	0				0.05
134.417	0.00	0.00	0.009	0				0.05
134.500	0.00	0.00	0.009	0				0.05
134.583	0.00	0.00	0.009	0				0.05
134.667	0.00	0.00	0.008	0				0.05
134.750	0.00	0.00	0.008	0				0.05
134.833	0.00	0.00	0.008	0				0.05
134.917	0.00	0.00	0.008	0				0.05
135.000	0.00	0.00	0.008	0				0.05
135.083	0.00	0.00	0.008	0				0.05
135.167	0.00	0.00	0.008	0				0.05
135.250	0.00	0.00	0.008	0				0.05
135.333	0.00	0.00	0.008	0				0.05
135.417	0.00	0.00	0.008	0				0.05
135.500	0.00	0.00	0.008	0				0.05
135.583	0.00	0.00	0.008	0				0.05
135.667	0.00	0.00	0.008	0				0.05
135.750	0.00	0.00	0.008	0				0.05
135.833	0.00	0.00	0.008	0				0.05
135.917	0.00	0.00	0.008	0				0.05
136.000	0.00	0.00	0.008	0				0.05
136.083	0.00	0.00	0.008	0				0.05
136.167	0.00	0.00	0.008	0				0.05
136.250	0.00	0.00	0.008	0				0.05
136.333	0.00	0.00	0.008	0				0.05
136.417	0.00	0.00	0.008	0				0.05

136.500	0.00	0.00	0.008	0				0.05
136.583	0.00	0.00	0.008	0				0.05
136.667	0.00	0.00	0.008	0				0.05
136.750	0.00	0.00	0.008	0				0.05
136.833	0.00	0.00	0.008	0				0.05
136.917	0.00	0.00	0.008	0				0.05
137.000	0.00	0.00	0.008	0				0.05
137.083	0.00	0.00	0.008	0				0.05
137.167	0.00	0.00	0.008	0				0.05
137.250	0.00	0.00	0.008	0				0.04
137.333	0.00	0.00	0.008	0				0.04
137.417	0.00	0.00	0.008	0				0.04
137.500	0.00	0.00	0.008	0				0.04
137.583	0.00	0.00	0.008	0				0.04
137.667	0.00	0.00	0.008	0				0.04
137.750	0.00	0.00	0.008	0				0.04
137.833	0.00	0.00	0.008	0				0.04
137.917	0.00	0.00	0.008	0				0.04
138.000	0.00	0.00	0.008	0				0.04
138.083	0.00	0.00	0.008	0				0.04
138.167	0.00	0.00	0.008	0				0.04
138.250	0.00	0.00	0.008	0				0.04
138.333	0.00	0.00	0.008	0				0.04
138.417	0.00	0.00	0.008	0				0.04
138.500	0.00	0.00	0.008	0				0.04
138.583	0.00	0.00	0.008	0				0.04
138.667	0.00	0.00	0.008	0				0.04
138.750	0.00	0.00	0.008	0				0.04
138.833	0.00	0.00	0.008	0				0.04
138.917	0.00	0.00	0.008	0				0.04
139.000	0.00	0.00	0.008	0				0.04
139.083	0.00	0.00	0.008	0				0.04
139.167	0.00	0.00	0.008	0				0.04
139.250	0.00	0.00	0.008	0				0.04
139.333	0.00	0.00	0.008	0				0.04
139.417	0.00	0.00	0.008	0				0.04
139.500	0.00	0.00	0.008	0				0.04
139.583	0.00	0.00	0.008	0				0.04
139.667	0.00	0.00	0.008	0				0.04
139.750	0.00	0.00	0.008	0				0.04
139.833	0.00	0.00	0.008	0				0.04
139.917	0.00	0.00	0.008	0				0.04
140.000	0.00	0.00	0.008	0				0.04
140.083	0.00	0.00	0.008	0				0.04
140.167	0.00	0.00	0.008	0				0.04
140.250	0.00	0.00	0.008	0				0.04
140.333	0.00	0.00	0.008	0				0.04
140.417	0.00	0.00	0.008	0				0.04
140.500	0.00	0.00	0.008	0				0.04
140.583	0.00	0.00	0.008	0				0.04
140.667	0.00	0.00	0.008	0				0.04
140.750	0.00	0.00	0.008	0				0.04
140.833	0.00	0.00	0.008	0				0.04
140.917	0.00	0.00	0.008	0				0.04
141.000	0.00	0.00	0.008	0				0.04
141.083	0.00	0.00	0.008	0				0.04
141.167	0.00	0.00	0.008	0				0.04
141.250	0.00	0.00	0.008	0				0.04
141.333	0.00	0.00	0.008	0				0.04
141.417	0.00	0.00	0.008	0				0.04
141.500	0.00	0.00	0.007	0				0.04
141.583	0.00	0.00	0.007	0				0.04
141.667	0.00	0.00	0.007	0				0.04
141.750	0.00	0.00	0.007	0				0.04
141.833	0.00	0.00	0.007	0				0.04
141.917	0.00	0.00	0.007	0				0.04
142.000	0.00	0.00	0.007	0				0.04
142.083	0.00	0.00	0.007	0				0.04
142.167	0.00	0.00	0.007	0				0.04
142.250	0.00	0.00	0.007	0				0.04
142.333	0.00	0.00	0.007	0				0.04

142.417	0.00	0.00	0.007	0				0.04
142.500	0.00	0.00	0.007	0				0.04
142.583	0.00	0.00	0.007	0				0.04
142.667	0.00	0.00	0.007	0				0.04
142.750	0.00	0.00	0.007	0				0.04
142.833	0.00	0.00	0.007	0				0.04
142.917	0.00	0.00	0.007	0				0.04
143.000	0.00	0.00	0.007	0				0.04
143.083	0.00	0.00	0.007	0				0.04
143.167	0.00	0.00	0.007	0				0.04
143.250	0.00	0.00	0.007	0				0.04
143.333	0.00	0.00	0.007	0				0.04
143.417	0.00	0.00	0.007	0				0.04
143.500	0.00	0.00	0.007	0				0.04
143.583	0.00	0.00	0.007	0				0.04
143.667	0.00	0.00	0.007	0				0.04
143.750	0.00	0.00	0.007	0				0.04
143.833	0.00	0.00	0.007	0				0.04
143.917	0.00	0.00	0.007	0				0.04
144.000	0.00	0.00	0.007	0				0.04
144.083	0.00	0.00	0.007	0				0.04
144.167	0.00	0.00	0.007	0				0.04
144.250	0.00	0.00	0.007	0				0.04
144.333	0.00	0.00	0.007	0				0.04
144.417	0.00	0.00	0.007	0				0.04
144.500	0.00	0.00	0.007	0				0.04
144.583	0.00	0.00	0.007	0				0.04
144.667	0.00	0.00	0.007	0				0.04
144.750	0.00	0.00	0.007	0				0.04
144.833	0.00	0.00	0.007	0				0.04
144.917	0.00	0.00	0.007	0				0.04
145.000	0.00	0.00	0.007	0				0.04
145.083	0.00	0.00	0.007	0				0.04
145.167	0.00	0.00	0.007	0				0.04
145.250	0.00	0.00	0.007	0				0.04
145.333	0.00	0.00	0.007	0				0.04
145.417	0.00	0.00	0.007	0				0.04
145.500	0.00	0.00	0.007	0				0.04
145.583	0.00	0.00	0.007	0				0.04
145.667	0.00	0.00	0.007	0				0.04
145.750	0.00	0.00	0.007	0				0.04
145.833	0.00	0.00	0.007	0				0.04
145.917	0.00	0.00	0.007	0				0.04
146.000	0.00	0.00	0.007	0				0.04
146.083	0.00	0.00	0.007	0				0.04
146.167	0.00	0.00	0.007	0				0.04
146.250	0.00	0.00	0.007	0				0.04
146.333	0.00	0.00	0.007	0				0.04
146.417	0.00	0.00	0.007	0				0.04
146.500	0.00	0.00	0.007	0				0.04
146.583	0.00	0.00	0.007	0				0.04
146.667	0.00	0.00	0.007	0				0.04
146.750	0.00	0.00	0.007	0				0.04
146.833	0.00	0.00	0.007	0				0.04
146.917	0.00	0.00	0.007	0				0.04
147.000	0.00	0.00	0.007	0				0.04
147.083	0.00	0.00	0.007	0				0.04
147.167	0.00	0.00	0.007	0				0.04
147.250	0.00	0.00	0.007	0				0.04
147.333	0.00	0.00	0.007	0				0.04
147.417	0.00	0.00	0.007	0				0.04
147.500	0.00	0.00	0.007	0				0.04
147.583	0.00	0.00	0.007	0				0.04
147.667	0.00	0.00	0.007	0				0.04
147.750	0.00	0.00	0.007	0				0.04
147.833	0.00	0.00	0.007	0				0.04
147.917	0.00	0.00	0.007	0				0.04
148.000	0.00	0.00	0.007	0				0.04
148.083	0.00	0.00	0.007	0				0.04
148.167	0.00	0.00	0.007	0				0.04
148.250	0.00	0.00	0.007	0				0.04

148.333	0.00	0.00	0.007	0				0.04
148.417	0.00	0.00	0.007	0				0.04
148.500	0.00	0.00	0.007	0				0.04
148.583	0.00	0.00	0.007	0				0.04
148.667	0.00	0.00	0.007	0				0.04
148.750	0.00	0.00	0.007	0				0.04
148.833	0.00	0.00	0.007	0				0.04
148.917	0.00	0.00	0.007	0				0.04
149.000	0.00	0.00	0.007	0				0.04
149.083	0.00	0.00	0.007	0				0.04
149.167	0.00	0.00	0.007	0				0.04
149.250	0.00	0.00	0.006	0				0.04
149.333	0.00	0.00	0.006	0				0.04
149.417	0.00	0.00	0.006	0				0.04
149.500	0.00	0.00	0.006	0				0.04
149.583	0.00	0.00	0.006	0				0.04
149.667	0.00	0.00	0.006	0				0.04
149.750	0.00	0.00	0.006	0				0.04
149.833	0.00	0.00	0.006	0				0.04
149.917	0.00	0.00	0.006	0				0.04
150.000	0.00	0.00	0.006	0				0.04
150.083	0.00	0.00	0.006	0				0.04
150.167	0.00	0.00	0.006	0				0.04
150.250	0.00	0.00	0.006	0				0.04
150.333	0.00	0.00	0.006	0				0.04
150.417	0.00	0.00	0.006	0				0.04
150.500	0.00	0.00	0.006	0				0.04
150.583	0.00	0.00	0.006	0				0.04
150.667	0.00	0.00	0.006	0				0.04
150.750	0.00	0.00	0.006	0				0.04
150.833	0.00	0.00	0.006	0				0.04
150.917	0.00	0.00	0.006	0				0.04
151.000	0.00	0.00	0.006	0				0.03
151.083	0.00	0.00	0.006	0				0.03
151.167	0.00	0.00	0.006	0				0.03
151.250	0.00	0.00	0.006	0				0.03
151.333	0.00	0.00	0.006	0				0.03
151.417	0.00	0.00	0.006	0				0.03
151.500	0.00	0.00	0.006	0				0.03
151.583	0.00	0.00	0.006	0				0.03
151.667	0.00	0.00	0.006	0				0.03
151.750	0.00	0.00	0.006	0				0.03
151.833	0.00	0.00	0.006	0				0.03
151.917	0.00	0.00	0.006	0				0.03
152.000	0.00	0.00	0.006	0				0.03
152.083	0.00	0.00	0.006	0				0.03
152.167	0.00	0.00	0.006	0				0.03
152.250	0.00	0.00	0.006	0				0.03
152.333	0.00	0.00	0.006	0				0.03
152.417	0.00	0.00	0.006	0				0.03
152.500	0.00	0.00	0.006	0				0.03
152.583	0.00	0.00	0.006	0				0.03
152.667	0.00	0.00	0.006	0				0.03
152.750	0.00	0.00	0.006	0				0.03
152.833	0.00	0.00	0.006	0				0.03
152.917	0.00	0.00	0.006	0				0.03
153.000	0.00	0.00	0.006	0				0.03
153.083	0.00	0.00	0.006	0				0.03
153.167	0.00	0.00	0.006	0				0.03
153.250	0.00	0.00	0.006	0				0.03
153.333	0.00	0.00	0.006	0				0.03
153.417	0.00	0.00	0.006	0				0.03
153.500	0.00	0.00	0.006	0				0.03
153.583	0.00	0.00	0.006	0				0.03
153.667	0.00	0.00	0.006	0				0.03
153.750	0.00	0.00	0.006	0				0.03
153.833	0.00	0.00	0.006	0				0.03
153.917	0.00	0.00	0.006	0				0.03
154.000	0.00	0.00	0.006	0				0.03
154.083	0.00	0.00	0.006	0				0.03
154.167	0.00	0.00	0.006	0				0.03

154.250	0.00	0.00	0.006	0				0.03
154.333	0.00	0.00	0.006	0				0.03
154.417	0.00	0.00	0.006	0				0.03
154.500	0.00	0.00	0.006	0				0.03
154.583	0.00	0.00	0.006	0				0.03
154.667	0.00	0.00	0.006	0				0.03
154.750	0.00	0.00	0.006	0				0.03
154.833	0.00	0.00	0.006	0				0.03
154.917	0.00	0.00	0.006	0				0.03
155.000	0.00	0.00	0.006	0				0.03
155.083	0.00	0.00	0.006	0				0.03
155.167	0.00	0.00	0.006	0				0.03
155.250	0.00	0.00	0.006	0				0.03
155.333	0.00	0.00	0.006	0				0.03
155.417	0.00	0.00	0.006	0				0.03
155.500	0.00	0.00	0.006	0				0.03
155.583	0.00	0.00	0.006	0				0.03
155.667	0.00	0.00	0.006	0				0.03
155.750	0.00	0.00	0.006	0				0.03
155.833	0.00	0.00	0.006	0				0.03
155.917	0.00	0.00	0.006	0				0.03
156.000	0.00	0.00	0.006	0				0.03
156.083	0.00	0.00	0.006	0				0.03
156.167	0.00	0.00	0.006	0				0.03
156.250	0.00	0.00	0.006	0				0.03
156.333	0.00	0.00	0.006	0				0.03
156.417	0.00	0.00	0.006	0				0.03
156.500	0.00	0.00	0.006	0				0.03
156.583	0.00	0.00	0.006	0				0.03
156.667	0.00	0.00	0.006	0				0.03
156.750	0.00	0.00	0.006	0				0.03
156.833	0.00	0.00	0.006	0				0.03
156.917	0.00	0.00	0.006	0				0.03
157.000	0.00	0.00	0.006	0				0.03
157.083	0.00	0.00	0.006	0				0.03
157.167	0.00	0.00	0.006	0				0.03
157.250	0.00	0.00	0.006	0				0.03
157.333	0.00	0.00	0.006	0				0.03
157.417	0.00	0.00	0.006	0				0.03
157.500	0.00	0.00	0.006	0				0.03
157.583	0.00	0.00	0.006	0				0.03
157.667	0.00	0.00	0.006	0				0.03
157.750	0.00	0.00	0.006	0				0.03
157.833	0.00	0.00	0.006	0				0.03
157.917	0.00	0.00	0.006	0				0.03
158.000	0.00	0.00	0.006	0				0.03
158.083	0.00	0.00	0.006	0				0.03
158.167	0.00	0.00	0.006	0				0.03
158.250	0.00	0.00	0.006	0				0.03
158.333	0.00	0.00	0.005	0				0.03
158.417	0.00	0.00	0.005	0				0.03
158.500	0.00	0.00	0.005	0				0.03
158.583	0.00	0.00	0.005	0				0.03
158.667	0.00	0.00	0.005	0				0.03
158.750	0.00	0.00	0.005	0				0.03
158.833	0.00	0.00	0.005	0				0.03
158.917	0.00	0.00	0.005	0				0.03
159.000	0.00	0.00	0.005	0				0.03
159.083	0.00	0.00	0.005	0				0.03
159.167	0.00	0.00	0.005	0				0.03
159.250	0.00	0.00	0.005	0				0.03
159.333	0.00	0.00	0.005	0				0.03
159.417	0.00	0.00	0.005	0				0.03
159.500	0.00	0.00	0.005	0				0.03
159.583	0.00	0.00	0.005	0				0.03
159.667	0.00	0.00	0.005	0				0.03
159.750	0.00	0.00	0.005	0				0.03
159.833	0.00	0.00	0.005	0				0.03
159.917	0.00	0.00	0.005	0				0.03
160.000	0.00	0.00	0.005	0				0.03
160.083	0.00	0.00	0.005	0				0.03

160.167	0.00	0.00	0.005	0				0.03
160.250	0.00	0.00	0.005	0				0.03
160.333	0.00	0.00	0.005	0				0.03
160.417	0.00	0.00	0.005	0				0.03
160.500	0.00	0.00	0.005	0				0.03
160.583	0.00	0.00	0.005	0				0.03
160.667	0.00	0.00	0.005	0				0.03
160.750	0.00	0.00	0.005	0				0.03
160.833	0.00	0.00	0.005	0				0.03
160.917	0.00	0.00	0.005	0				0.03
161.000	0.00	0.00	0.005	0				0.03
161.083	0.00	0.00	0.005	0				0.03
161.167	0.00	0.00	0.005	0				0.03
161.250	0.00	0.00	0.005	0				0.03
161.333	0.00	0.00	0.005	0				0.03
161.417	0.00	0.00	0.005	0				0.03
161.500	0.00	0.00	0.005	0				0.03
161.583	0.00	0.00	0.005	0				0.03
161.667	0.00	0.00	0.005	0				0.03
161.750	0.00	0.00	0.005	0				0.03
161.833	0.00	0.00	0.005	0				0.03
161.917	0.00	0.00	0.005	0				0.03
162.000	0.00	0.00	0.005	0				0.03
162.083	0.00	0.00	0.005	0				0.03
162.167	0.00	0.00	0.005	0				0.03
162.250	0.00	0.00	0.005	0				0.03
162.333	0.00	0.00	0.005	0				0.03
162.417	0.00	0.00	0.005	0				0.03
162.500	0.00	0.00	0.005	0				0.03
162.583	0.00	0.00	0.005	0				0.03
162.667	0.00	0.00	0.005	0				0.03
162.750	0.00	0.00	0.005	0				0.03
162.833	0.00	0.00	0.005	0				0.03
162.917	0.00	0.00	0.005	0				0.03
163.000	0.00	0.00	0.005	0				0.03
163.083	0.00	0.00	0.005	0				0.03
163.167	0.00	0.00	0.005	0				0.03
163.250	0.00	0.00	0.005	0				0.03
163.333	0.00	0.00	0.005	0				0.03
163.417	0.00	0.00	0.005	0				0.03
163.500	0.00	0.00	0.005	0				0.03
163.583	0.00	0.00	0.005	0				0.03
163.667	0.00	0.00	0.005	0				0.03
163.750	0.00	0.00	0.005	0				0.03
163.833	0.00	0.00	0.005	0				0.03
163.917	0.00	0.00	0.005	0				0.03
164.000	0.00	0.00	0.005	0				0.03
164.083	0.00	0.00	0.005	0				0.03
164.167	0.00	0.00	0.005	0				0.03
164.250	0.00	0.00	0.005	0				0.03
164.333	0.00	0.00	0.005	0				0.03
164.417	0.00	0.00	0.005	0				0.03
164.500	0.00	0.00	0.005	0				0.03
164.583	0.00	0.00	0.005	0				0.03
164.667	0.00	0.00	0.005	0				0.03
164.750	0.00	0.00	0.005	0				0.03
164.833	0.00	0.00	0.005	0				0.03
164.917	0.00	0.00	0.005	0				0.03
165.000	0.00	0.00	0.005	0				0.03
165.083	0.00	0.00	0.005	0				0.03
165.167	0.00	0.00	0.005	0				0.03
165.250	0.00	0.00	0.005	0				0.03
165.333	0.00	0.00	0.005	0				0.03
165.417	0.00	0.00	0.005	0				0.03
165.500	0.00	0.00	0.005	0				0.03
165.583	0.00	0.00	0.005	0				0.03
165.667	0.00	0.00	0.005	0				0.03
165.750	0.00	0.00	0.005	0				0.03
165.833	0.00	0.00	0.005	0				0.03
165.917	0.00	0.00	0.005	0				0.03
166.000	0.00	0.00	0.005	0				0.03

166.083	0.00	0.00	0.005	0					0.03
166.167	0.00	0.00	0.005	0					0.03
166.250	0.00	0.00	0.005	0					0.03
166.333	0.00	0.00	0.005	0					0.03
166.417	0.00	0.00	0.005	0					0.03
166.500	0.00	0.00	0.005	0					0.03
166.583	0.00	0.00	0.005	0					0.03
166.667	0.00	0.00	0.005	0					0.03
166.750	0.00	0.00	0.005	0					0.03
166.833	0.00	0.00	0.005	0					0.03
166.917	0.00	0.00	0.005	0					0.03
167.000	0.00	0.00	0.005	0					0.03
167.083	0.00	0.00	0.005	0					0.03
167.167	0.00	0.00	0.005	0					0.03
167.250	0.00	0.00	0.005	0					0.03
167.333	0.00	0.00	0.005	0					0.03
167.417	0.00	0.00	0.005	0					0.03
167.500	0.00	0.00	0.005	0					0.03
167.583	0.00	0.00	0.005	0					0.03
167.667	0.00	0.00	0.005	0					0.03
167.750	0.00	0.00	0.005	0					0.03
167.833	0.00	0.00	0.005	0					0.03
167.917	0.00	0.00	0.005	0					0.03
168.000	0.00	0.00	0.005	0					0.03
168.083	0.00	0.00	0.005	0					0.03
168.167	0.00	0.00	0.005	0					0.03
168.250	0.00	0.00	0.005	0					0.03
168.333	0.00	0.00	0.005	0					0.03
168.417	0.00	0.00	0.005	0					0.03
168.500	0.00	0.00	0.005	0					0.03
168.583	0.00	0.00	0.005	0					0.03
168.667	0.00	0.00	0.005	0					0.03
168.750	0.00	0.00	0.005	0					0.03
168.833	0.00	0.00	0.005	0					0.03
168.917	0.00	0.00	0.005	0					0.03
169.000	0.00	0.00	0.005	0					0.03
169.083	0.00	0.00	0.005	0					0.03
169.167	0.00	0.00	0.005	0					0.03
169.250	0.00	0.00	0.004	0					0.02

*****HYDROGRAPH DATA*****

Number of intervals = 2031
Time interval = 5.0 (Min.)
Maximum/Peak flow rate = 1.138 (CFS)
Total volume = 0.158 (Ac.Ft)
Status of hydrographs being held in storage
Stream 1 Stream 2 Stream 3 Stream 4 Stream 5
Peak (CFS) 0.000 0.000 0.000 0.000 0.000
Vol (Ac.Ft) 0.000 0.000 0.000 0.000 0.000

MENIFEE STAXUP STORAGE EXTENSION
 PRELIMINARY DRAINAGE STUDY
 BASIN A ROUTING MODEL
 100-YEAR; 24-HOUR

Program License Serial Number 6545

***** HYDROGRAPH INFORMATION *****

From study/file name: D124100.rte
 *****HYDROGRAPH DATA*****
 Number of intervals = 289
 Time interval = 5.0 (Min.)
 Maximum/Peak flow rate = 0.491 (CFS)
 Total volume = 0.240 (Ac.Ft)
 Status of hydrographs being held in storage
 Stream 1 Stream 2 Stream 3 Stream 4 Stream 5
 Peak (CFS) 0.000 0.000 0.000 0.000 0.000
 Vol (Ac.Ft) 0.000 0.000 0.000 0.000 0.000

+++++
 Process from Point/Station 1.000 to Point/Station 2.000
 **** RETARDING BASIN ROUTING ****

User entry of depth-outflow-storage data

Total number of inflow hydrograph intervals = 289
 Hydrograph time unit = 5.000 (Min.)
 Initial depth in storage basin = 0.16(Ft.)

Initial basin depth = 0.16 (Ft.)
 Initial basin storage = 0.03 (Ac.Ft)
 Initial basin outflow = 0.01 (CFS)

Depth vs. Storage and Depth vs. Discharge data:

Basin Depth (Ft.)	Storage (Ac.Ft)	Outflow (CFS)	(S-O*dt/2) (Ac.Ft)	(S+O*dt/2) (Ac.Ft)
0.000	0.000	0.000	0.000	0.000
0.500	0.090	0.020	0.090	0.090
1.000	0.139	7.420	0.113	0.165

Hydrograph Detention Basin Routing

Graph values: 'I'= unit inflow; 'O'=outflow at time shown

Time (Hours)	Inflow (CFS)	Outflow (CFS)	Storage (Ac.Ft)	.0	0.1	0.25	0.37	0.49	Depth (Ft.)
0.083	0.01	0.01	0.029	O					0.16
0.167	0.02	0.01	0.029	OI					0.16
0.250	0.02	0.01	0.029	OI					0.16
0.333	0.03	0.01	0.029	OI					0.16

0.417	0.03	0.01	0.029	OI					0.16
0.500	0.03	0.01	0.029	OI					0.16
0.583	0.03	0.01	0.030	OI					0.16
0.667	0.03	0.01	0.030	OI					0.16
0.750	0.03	0.01	0.030	OI					0.17
0.833	0.04	0.01	0.030	O I					0.17
0.917	0.04	0.01	0.030	O I					0.17
1.000	0.04	0.01	0.030	O I					0.17
1.083	0.03	0.01	0.031	O I					0.17
1.167	0.03	0.01	0.031	OI					0.17
1.250	0.03	0.01	0.031	OI					0.17
1.333	0.03	0.01	0.031	OI					0.17
1.417	0.03	0.01	0.031	OI					0.17
1.500	0.03	0.01	0.031	OI					0.17
1.583	0.03	0.01	0.032	OI					0.18
1.667	0.03	0.01	0.032	OI					0.18
1.750	0.03	0.01	0.032	OI					0.18
1.833	0.04	0.01	0.032	O I					0.18
1.917	0.04	0.01	0.032	O I					0.18
2.000	0.04	0.01	0.033	O I					0.18
2.083	0.04	0.01	0.033	O I					0.18
2.167	0.04	0.01	0.033	O I					0.18
2.250	0.04	0.01	0.033	O I					0.18
2.333	0.04	0.01	0.033	O I					0.19
2.417	0.04	0.01	0.034	O I					0.19
2.500	0.04	0.01	0.034	O I					0.19
2.583	0.05	0.01	0.034	O I					0.19
2.667	0.05	0.01	0.034	O I					0.19
2.750	0.05	0.01	0.035	O I					0.19
2.833	0.05	0.01	0.035	O I					0.19
2.917	0.05	0.01	0.035	O I					0.20
3.000	0.05	0.01	0.036	O I					0.20
3.083	0.05	0.01	0.036	O I					0.20
3.167	0.05	0.01	0.036	O I					0.20
3.250	0.05	0.01	0.036	O I					0.20
3.333	0.05	0.01	0.037	O I					0.20
3.417	0.05	0.01	0.037	O I					0.21
3.500	0.05	0.01	0.037	O I					0.21
3.583	0.05	0.01	0.038	O I					0.21
3.667	0.05	0.01	0.038	O I					0.21
3.750	0.05	0.01	0.038	O I					0.21
3.833	0.06	0.01	0.038	O I					0.21
3.917	0.06	0.01	0.039	O I					0.22
4.000	0.06	0.01	0.039	O I					0.22
4.083	0.06	0.01	0.039	O I					0.22
4.167	0.06	0.01	0.040	O I					0.22
4.250	0.06	0.01	0.040	O I					0.22
4.333	0.07	0.01	0.040	O I					0.22
4.417	0.07	0.01	0.041	O I					0.23
4.500	0.07	0.01	0.041	O I					0.23
4.583	0.07	0.01	0.042	O I					0.23
4.667	0.07	0.01	0.042	O I					0.23
4.750	0.07	0.01	0.043	O I					0.24
4.833	0.08	0.01	0.043	O I					0.24
4.917	0.08	0.01	0.043	O I					0.24
5.000	0.08	0.01	0.044	O I					0.24
5.083	0.07	0.01	0.044	O I					0.25
5.167	0.06	0.01	0.045	O I					0.25
5.250	0.06	0.01	0.045	O I					0.25
5.333	0.07	0.01	0.045	O I					0.25
5.417	0.07	0.01	0.046	O I					0.25
5.500	0.07	0.01	0.046	O I					0.26
5.583	0.08	0.01	0.047	O I					0.26
5.667	0.08	0.01	0.047	O I					0.26
5.750	0.08	0.01	0.048	O I					0.26
5.833	0.08	0.01	0.048	O I					0.27
5.917	0.08	0.01	0.048	O I					0.27
6.000	0.08	0.01	0.049	O I					0.27
6.083	0.09	0.01	0.049	O I					0.27
6.167	0.09	0.01	0.050	O I					0.28
6.250	0.09	0.01	0.051	O I					0.28

12.250	0.32	0.31	0.092				OI		0.52
12.333	0.34	0.32	0.092				O		0.52
12.417	0.34	0.34	0.092				OI		0.52
12.500	0.34	0.34	0.092				O		0.52
12.583	0.37	0.35	0.092				O I		0.52
12.667	0.38	0.37	0.092				OI		0.52
12.750	0.38	0.38	0.092				O		0.52
12.833	0.39	0.38	0.092				OI		0.52
12.917	0.40	0.39	0.092				OI		0.53
13.000	0.40	0.40	0.092				OI		0.53
13.083	0.46	0.42	0.093				O I		0.53
13.167	0.49	0.46	0.093				O I		0.53
13.250	0.49	0.48	0.093				O		0.53
13.333	0.49	0.49	0.093				O		0.53
13.417	0.49	0.49	0.093				O		0.53
13.500	0.49	0.49	0.093				OI		0.53
13.583	0.36	0.45	0.093				O		0.53
13.667	0.30	0.37	0.092				I		0.52
13.750	0.30	0.32	0.092				IO		0.52
13.833	0.30	0.31	0.092				O		0.52
13.917	0.30	0.30	0.092				O		0.52
14.000	0.30	0.30	0.092				O		0.52
14.083	0.35	0.32	0.092				O I		0.52
14.167	0.37	0.35	0.092				O I		0.52
14.250	0.37	0.36	0.092				OI		0.52
14.333	0.36	0.37	0.092				O		0.52
14.417	0.36	0.36	0.092				O		0.52
14.500	0.36	0.36	0.092				O		0.52
14.583	0.36	0.36	0.092				O		0.52
14.667	0.36	0.36	0.092				O		0.52
14.750	0.36	0.36	0.092				O		0.52
14.833	0.35	0.35	0.092				IO		0.52
14.917	0.34	0.35	0.092				O		0.52
15.000	0.34	0.34	0.092				O		0.52
15.083	0.33	0.34	0.092				IO		0.52
15.167	0.33	0.33	0.092				O		0.52
15.250	0.33	0.33	0.092				O		0.52
15.333	0.31	0.32	0.092				IO		0.52
15.417	0.31	0.32	0.092				O		0.52
15.500	0.31	0.31	0.092				O		0.52
15.583	0.26	0.29	0.092				I O		0.52
15.667	0.24	0.26	0.092				I O		0.52
15.750	0.24	0.25	0.092				IO		0.52
15.833	0.24	0.24	0.091				O		0.52
15.917	0.24	0.24	0.091				O		0.52
16.000	0.24	0.24	0.091				O		0.52
16.083	0.10	0.19	0.091		I	O			0.51
16.167	0.04	0.11	0.091	I	O				0.51
16.250	0.04	0.06	0.090	I O					0.50
16.333	0.04	0.05	0.090	IO					0.50
16.417	0.04	0.04	0.090	O					0.50
16.500	0.04	0.04	0.090	O					0.50
16.583	0.03	0.04	0.090	O					0.50
16.667	0.03	0.03	0.090	IO					0.50
16.750	0.03	0.03	0.090	O					0.50
16.833	0.03	0.03	0.090	O					0.50
16.917	0.03	0.03	0.090	O					0.50
17.000	0.03	0.03	0.090	O					0.50
17.083	0.04	0.03	0.090	O					0.50
17.167	0.05	0.04	0.090	OI					0.50
17.250	0.05	0.05	0.090	O					0.50
17.333	0.05	0.05	0.090	O					0.50
17.417	0.05	0.05	0.090	O					0.50
17.500	0.05	0.05	0.090	O					0.50
17.583	0.05	0.05	0.090	O					0.50
17.667	0.05	0.05	0.090	O					0.50
17.750	0.05	0.05	0.090	O					0.50
17.833	0.04	0.05	0.090	IO					0.50
17.917	0.04	0.04	0.090	O					0.50
18.000	0.04	0.04	0.090	O					0.50
18.083	0.04	0.04	0.090	O					0.50

18.167	0.04	0.04	0.090	o					0.50
18.250	0.04	0.04	0.090	o					0.50
18.333	0.04	0.04	0.090	o					0.50
18.417	0.04	0.04	0.090	o					0.50
18.500	0.04	0.04	0.090	o					0.50
18.583	0.03	0.04	0.090	o					0.50
18.667	0.03	0.03	0.090	IO					0.50
18.750	0.03	0.03	0.090	o					0.50
18.833	0.02	0.03	0.090	o					0.50
18.917	0.02	0.02	0.090	o					0.50
19.000	0.02	0.02	0.090	o					0.50
19.083	0.03	0.02	0.090	o					0.50
19.167	0.03	0.03	0.090	o					0.50
19.250	0.03	0.03	0.090	o					0.50
19.333	0.04	0.03	0.090	o					0.50
19.417	0.04	0.04	0.090	o					0.50
19.500	0.04	0.04	0.090	o					0.50
19.583	0.03	0.04	0.090	o					0.50
19.667	0.03	0.03	0.090	IO					0.50
19.750	0.03	0.03	0.090	o					0.50
19.833	0.02	0.03	0.090	o					0.50
19.917	0.02	0.02	0.090	o					0.50
20.000	0.02	0.02	0.090	o					0.50
20.083	0.03	0.02	0.090	o					0.50
20.167	0.03	0.03	0.090	o					0.50
20.250	0.03	0.03	0.090	o					0.50
20.333	0.03	0.03	0.090	o					0.50
20.417	0.03	0.03	0.090	o					0.50
20.500	0.03	0.03	0.090	o					0.50
20.583	0.03	0.03	0.090	o					0.50
20.667	0.03	0.03	0.090	o					0.50
20.750	0.03	0.03	0.090	o					0.50
20.833	0.02	0.03	0.090	o					0.50
20.917	0.02	0.02	0.090	o					0.50
21.000	0.02	0.02	0.090	o					0.50
21.083	0.03	0.02	0.090	o					0.50
21.167	0.03	0.03	0.090	o					0.50
21.250	0.03	0.03	0.090	o					0.50
21.333	0.02	0.03	0.090	o					0.50
21.417	0.02	0.02	0.090	o					0.50
21.500	0.02	0.02	0.090	o					0.50
21.583	0.03	0.02	0.090	o					0.50
21.667	0.03	0.03	0.090	o					0.50
21.750	0.03	0.03	0.090	o					0.50
21.833	0.02	0.03	0.090	o					0.50
21.917	0.02	0.02	0.090	o					0.50
22.000	0.02	0.02	0.090	o					0.50
22.083	0.03	0.02	0.090	o					0.50
22.167	0.03	0.03	0.090	o					0.50
22.250	0.03	0.03	0.090	o					0.50
22.333	0.02	0.03	0.090	o					0.50
22.417	0.02	0.02	0.090	o					0.50
22.500	0.02	0.02	0.090	o					0.50
22.583	0.02	0.02	0.090	o					0.50
22.667	0.02	0.02	0.090	o					0.50
22.750	0.02	0.02	0.090	o					0.50
22.833	0.02	0.02	0.090	o					0.50
22.917	0.02	0.02	0.090	o					0.50
23.000	0.02	0.02	0.090	o					0.50
23.083	0.02	0.02	0.090	o					0.50
23.167	0.02	0.02	0.090	o					0.50
23.250	0.02	0.02	0.090	o					0.50
23.333	0.02	0.02	0.090	o					0.50
23.417	0.02	0.02	0.090	o					0.50
23.500	0.02	0.02	0.090	o					0.50
23.583	0.02	0.02	0.090	o					0.50
23.667	0.02	0.02	0.090	o					0.50
23.750	0.02	0.02	0.090	o					0.50
23.833	0.02	0.02	0.090	o					0.50
23.917	0.02	0.02	0.090	o					0.50
24.000	0.02	0.02	0.090	o					0.50

24.083	0.01	0.02	0.090	IO	0.50
24.167	0.00	0.02	0.090	IO	0.50
24.250	0.00	0.02	0.090	IO	0.50
24.333	0.00	0.02	0.090	IO	0.50
24.417	0.00	0.02	0.089	IO	0.50
24.500	0.00	0.02	0.089	IO	0.50
24.583	0.00	0.02	0.089	IO	0.50
24.667	0.00	0.02	0.089	IO	0.49
24.750	0.00	0.02	0.089	IO	0.49
24.833	0.00	0.02	0.089	IO	0.49
24.917	0.00	0.02	0.089	IO	0.49
25.000	0.00	0.02	0.088	IO	0.49
25.083	0.00	0.02	0.088	IO	0.49
25.167	0.00	0.02	0.088	IO	0.49
25.250	0.00	0.02	0.088	IO	0.49
25.333	0.00	0.02	0.088	IO	0.49
25.417	0.00	0.02	0.088	IO	0.49
25.500	0.00	0.02	0.088	IO	0.49
25.583	0.00	0.02	0.087	IO	0.49
25.667	0.00	0.02	0.087	IO	0.49
25.750	0.00	0.02	0.087	IO	0.48
25.833	0.00	0.02	0.087	IO	0.48
25.917	0.00	0.02	0.087	IO	0.48
26.000	0.00	0.02	0.087	IO	0.48
26.083	0.00	0.02	0.087	IO	0.48
26.167	0.00	0.02	0.087	IO	0.48
26.250	0.00	0.02	0.086	IO	0.48
26.333	0.00	0.02	0.086	IO	0.48
26.417	0.00	0.02	0.086	IO	0.48
26.500	0.00	0.02	0.086	IO	0.48
26.583	0.00	0.02	0.086	IO	0.48
26.667	0.00	0.02	0.086	IO	0.48
26.750	0.00	0.02	0.086	IO	0.48
26.833	0.00	0.02	0.086	IO	0.48
26.917	0.00	0.02	0.085	IO	0.47
27.000	0.00	0.02	0.085	IO	0.47
27.083	0.00	0.02	0.085	IO	0.47
27.167	0.00	0.02	0.085	IO	0.47
27.250	0.00	0.02	0.085	IO	0.47
27.333	0.00	0.02	0.085	IO	0.47
27.417	0.00	0.02	0.085	IO	0.47
27.500	0.00	0.02	0.084	IO	0.47
27.583	0.00	0.02	0.084	IO	0.47
27.667	0.00	0.02	0.084	IO	0.47
27.750	0.00	0.02	0.084	IO	0.47
27.833	0.00	0.02	0.084	IO	0.47
27.917	0.00	0.02	0.084	IO	0.47
28.000	0.00	0.02	0.084	IO	0.46
28.083	0.00	0.02	0.084	IO	0.46
28.167	0.00	0.02	0.083	IO	0.46
28.250	0.00	0.02	0.083	IO	0.46
28.333	0.00	0.02	0.083	IO	0.46
28.417	0.00	0.02	0.083	IO	0.46
28.500	0.00	0.02	0.083	IO	0.46
28.583	0.00	0.02	0.083	IO	0.46
28.667	0.00	0.02	0.083	IO	0.46
28.750	0.00	0.02	0.083	IO	0.46
28.833	0.00	0.02	0.082	IO	0.46
28.917	0.00	0.02	0.082	IO	0.46
29.000	0.00	0.02	0.082	IO	0.46
29.083	0.00	0.02	0.082	IO	0.46
29.167	0.00	0.02	0.082	IO	0.46
29.250	0.00	0.02	0.082	IO	0.45
29.333	0.00	0.02	0.082	IO	0.45
29.417	0.00	0.02	0.082	IO	0.45
29.500	0.00	0.02	0.081	IO	0.45
29.583	0.00	0.02	0.081	IO	0.45
29.667	0.00	0.02	0.081	IO	0.45
29.750	0.00	0.02	0.081	IO	0.45
29.833	0.00	0.02	0.081	IO	0.45
29.917	0.00	0.02	0.081	IO	0.45

30.000	0.00	0.02	0.081	IO	0.45
30.083	0.00	0.02	0.081	IO	0.45
30.167	0.00	0.02	0.080	IO	0.45
30.250	0.00	0.02	0.080	IO	0.45
30.333	0.00	0.02	0.080	IO	0.45
30.417	0.00	0.02	0.080	IO	0.44
30.500	0.00	0.02	0.080	IO	0.44
30.583	0.00	0.02	0.080	IO	0.44
30.667	0.00	0.02	0.080	IO	0.44
30.750	0.00	0.02	0.080	IO	0.44
30.833	0.00	0.02	0.079	IO	0.44
30.917	0.00	0.02	0.079	IO	0.44
31.000	0.00	0.02	0.079	IO	0.44
31.083	0.00	0.02	0.079	IO	0.44
31.167	0.00	0.02	0.079	IO	0.44
31.250	0.00	0.02	0.079	IO	0.44
31.333	0.00	0.02	0.079	IO	0.44
31.417	0.00	0.02	0.079	IO	0.44
31.500	0.00	0.02	0.078	IO	0.44
31.583	0.00	0.02	0.078	IO	0.44
31.667	0.00	0.02	0.078	IO	0.43
31.750	0.00	0.02	0.078	IO	0.43
31.833	0.00	0.02	0.078	IO	0.43
31.917	0.00	0.02	0.078	IO	0.43
32.000	0.00	0.02	0.078	IO	0.43
32.083	0.00	0.02	0.078	IO	0.43
32.167	0.00	0.02	0.078	IO	0.43
32.250	0.00	0.02	0.077	IO	0.43
32.333	0.00	0.02	0.077	IO	0.43
32.417	0.00	0.02	0.077	IO	0.43
32.500	0.00	0.02	0.077	IO	0.43
32.583	0.00	0.02	0.077	IO	0.43
32.667	0.00	0.02	0.077	IO	0.43
32.750	0.00	0.02	0.077	IO	0.43
32.833	0.00	0.02	0.077	IO	0.43
32.917	0.00	0.02	0.076	IO	0.42
33.000	0.00	0.02	0.076	IO	0.42
33.083	0.00	0.02	0.076	IO	0.42
33.167	0.00	0.02	0.076	IO	0.42
33.250	0.00	0.02	0.076	IO	0.42
33.333	0.00	0.02	0.076	IO	0.42
33.417	0.00	0.02	0.076	IO	0.42
33.500	0.00	0.02	0.076	IO	0.42
33.583	0.00	0.02	0.076	IO	0.42
33.667	0.00	0.02	0.075	IO	0.42
33.750	0.00	0.02	0.075	IO	0.42
33.833	0.00	0.02	0.075	IO	0.42
33.917	0.00	0.02	0.075	IO	0.42
34.000	0.00	0.02	0.075	IO	0.42
34.083	0.00	0.02	0.075	IO	0.42
34.167	0.00	0.02	0.075	IO	0.42
34.250	0.00	0.02	0.075	IO	0.41
34.333	0.00	0.02	0.075	IO	0.41
34.417	0.00	0.02	0.074	IO	0.41
34.500	0.00	0.02	0.074	IO	0.41
34.583	0.00	0.02	0.074	IO	0.41
34.667	0.00	0.02	0.074	IO	0.41
34.750	0.00	0.02	0.074	IO	0.41
34.833	0.00	0.02	0.074	IO	0.41
34.917	0.00	0.02	0.074	IO	0.41
35.000	0.00	0.02	0.074	IO	0.41
35.083	0.00	0.02	0.073	IO	0.41
35.167	0.00	0.02	0.073	IO	0.41
35.250	0.00	0.02	0.073	IO	0.41
35.333	0.00	0.02	0.073	IO	0.41
35.417	0.00	0.02	0.073	IO	0.41
35.500	0.00	0.02	0.073	IO	0.41
35.583	0.00	0.02	0.073	IO	0.40
35.667	0.00	0.02	0.073	IO	0.40
35.750	0.00	0.02	0.073	IO	0.40
35.833	0.00	0.02	0.072	IO	0.40

35.917	0.00	0.02	0.072	IO					0.40
36.000	0.00	0.02	0.072	IO					0.40
36.083	0.00	0.02	0.072	IO					0.40
36.167	0.00	0.02	0.072	IO					0.40
36.250	0.00	0.02	0.072	IO					0.40
36.333	0.00	0.02	0.072	IO					0.40
36.417	0.00	0.02	0.072	IO					0.40
36.500	0.00	0.02	0.072	IO					0.40
36.583	0.00	0.02	0.071	IO					0.40
36.667	0.00	0.02	0.071	IO					0.40
36.750	0.00	0.02	0.071	IO					0.40
36.833	0.00	0.02	0.071	IO					0.40
36.917	0.00	0.02	0.071	IO					0.39
37.000	0.00	0.02	0.071	IO					0.39
37.083	0.00	0.02	0.071	IO					0.39
37.167	0.00	0.02	0.071	IO					0.39
37.250	0.00	0.02	0.071	IO					0.39
37.333	0.00	0.02	0.071	IO					0.39
37.417	0.00	0.02	0.070	IO					0.39
37.500	0.00	0.02	0.070	IO					0.39
37.583	0.00	0.02	0.070	IO					0.39
37.667	0.00	0.02	0.070	IO					0.39
37.750	0.00	0.02	0.070	IO					0.39
37.833	0.00	0.02	0.070	IO					0.39
37.917	0.00	0.02	0.070	IO					0.39
38.000	0.00	0.02	0.070	IO					0.39
38.083	0.00	0.02	0.070	IO					0.39
38.167	0.00	0.02	0.069	IO					0.39
38.250	0.00	0.02	0.069	IO					0.39
38.333	0.00	0.02	0.069	IO					0.38
38.417	0.00	0.02	0.069	IO					0.38
38.500	0.00	0.02	0.069	O					0.38
38.583	0.00	0.02	0.069	O					0.38
38.667	0.00	0.02	0.069	O					0.38
38.750	0.00	0.02	0.069	O					0.38
38.833	0.00	0.02	0.069	O					0.38
38.917	0.00	0.02	0.068	O					0.38
39.000	0.00	0.02	0.068	O					0.38
39.083	0.00	0.02	0.068	O					0.38
39.167	0.00	0.02	0.068	O					0.38
39.250	0.00	0.02	0.068	O					0.38
39.333	0.00	0.02	0.068	O					0.38
39.417	0.00	0.02	0.068	O					0.38
39.500	0.00	0.02	0.068	O					0.38
39.583	0.00	0.02	0.068	O					0.38
39.667	0.00	0.02	0.068	O					0.38
39.750	0.00	0.01	0.067	O					0.37
39.833	0.00	0.01	0.067	O					0.37
39.917	0.00	0.01	0.067	O					0.37
40.000	0.00	0.01	0.067	O					0.37
40.083	0.00	0.01	0.067	O					0.37
40.167	0.00	0.01	0.067	O					0.37
40.250	0.00	0.01	0.067	O					0.37
40.333	0.00	0.01	0.067	O					0.37
40.417	0.00	0.01	0.067	O					0.37
40.500	0.00	0.01	0.067	O					0.37
40.583	0.00	0.01	0.066	O					0.37
40.667	0.00	0.01	0.066	O					0.37
40.750	0.00	0.01	0.066	O					0.37
40.833	0.00	0.01	0.066	O					0.37
40.917	0.00	0.01	0.066	O					0.37
41.000	0.00	0.01	0.066	O					0.37
41.083	0.00	0.01	0.066	O					0.37
41.167	0.00	0.01	0.066	O					0.37
41.250	0.00	0.01	0.066	O					0.36
41.333	0.00	0.01	0.066	O					0.36
41.417	0.00	0.01	0.065	O					0.36
41.500	0.00	0.01	0.065	O					0.36
41.583	0.00	0.01	0.065	O					0.36
41.667	0.00	0.01	0.065	O					0.36
41.750	0.00	0.01	0.065	O					0.36

41.833	0.00	0.01	0.065	0				0.36
41.917	0.00	0.01	0.065	0				0.36
42.000	0.00	0.01	0.065	0				0.36
42.083	0.00	0.01	0.065	0				0.36
42.167	0.00	0.01	0.065	0				0.36
42.250	0.00	0.01	0.064	0				0.36
42.333	0.00	0.01	0.064	0				0.36
42.417	0.00	0.01	0.064	0				0.36
42.500	0.00	0.01	0.064	0				0.36
42.583	0.00	0.01	0.064	0				0.36
42.667	0.00	0.01	0.064	0				0.36
42.750	0.00	0.01	0.064	0				0.35
42.833	0.00	0.01	0.064	0				0.35
42.917	0.00	0.01	0.064	0				0.35
43.000	0.00	0.01	0.064	0				0.35
43.083	0.00	0.01	0.063	0				0.35
43.167	0.00	0.01	0.063	0				0.35
43.250	0.00	0.01	0.063	0				0.35
43.333	0.00	0.01	0.063	0				0.35
43.417	0.00	0.01	0.063	0				0.35
43.500	0.00	0.01	0.063	0				0.35
43.583	0.00	0.01	0.063	0				0.35
43.667	0.00	0.01	0.063	0				0.35
43.750	0.00	0.01	0.063	0				0.35
43.833	0.00	0.01	0.063	0				0.35
43.917	0.00	0.01	0.062	0				0.35
44.000	0.00	0.01	0.062	0				0.35
44.083	0.00	0.01	0.062	0				0.35
44.167	0.00	0.01	0.062	0				0.35
44.250	0.00	0.01	0.062	0				0.35
44.333	0.00	0.01	0.062	0				0.34
44.417	0.00	0.01	0.062	0				0.34
44.500	0.00	0.01	0.062	0				0.34
44.583	0.00	0.01	0.062	0				0.34
44.667	0.00	0.01	0.062	0				0.34
44.750	0.00	0.01	0.062	0				0.34
44.833	0.00	0.01	0.061	0				0.34
44.917	0.00	0.01	0.061	0				0.34
45.000	0.00	0.01	0.061	0				0.34
45.083	0.00	0.01	0.061	0				0.34
45.167	0.00	0.01	0.061	0				0.34
45.250	0.00	0.01	0.061	0				0.34
45.333	0.00	0.01	0.061	0				0.34
45.417	0.00	0.01	0.061	0				0.34
45.500	0.00	0.01	0.061	0				0.34
45.583	0.00	0.01	0.061	0				0.34
45.667	0.00	0.01	0.061	0				0.34
45.750	0.00	0.01	0.060	0				0.34
45.833	0.00	0.01	0.060	0				0.34
45.917	0.00	0.01	0.060	0				0.33
46.000	0.00	0.01	0.060	0				0.33
46.083	0.00	0.01	0.060	0				0.33
46.167	0.00	0.01	0.060	0				0.33
46.250	0.00	0.01	0.060	0				0.33
46.333	0.00	0.01	0.060	0				0.33
46.417	0.00	0.01	0.060	0				0.33
46.500	0.00	0.01	0.060	0				0.33
46.583	0.00	0.01	0.059	0				0.33
46.667	0.00	0.01	0.059	0				0.33
46.750	0.00	0.01	0.059	0				0.33
46.833	0.00	0.01	0.059	0				0.33
46.917	0.00	0.01	0.059	0				0.33
47.000	0.00	0.01	0.059	0				0.33
47.083	0.00	0.01	0.059	0				0.33
47.167	0.00	0.01	0.059	0				0.33
47.250	0.00	0.01	0.059	0				0.33
47.333	0.00	0.01	0.059	0				0.33
47.417	0.00	0.01	0.059	0				0.33
47.500	0.00	0.01	0.059	0				0.33
47.583	0.00	0.01	0.058	0				0.32
47.667	0.00	0.01	0.058	0				0.32

47.750	0.00	0.01	0.058	0				0.32
47.833	0.00	0.01	0.058	0				0.32
47.917	0.00	0.01	0.058	0				0.32
48.000	0.00	0.01	0.058	0				0.32
48.083	0.00	0.01	0.058	0				0.32
48.167	0.00	0.01	0.058	0				0.32
48.250	0.00	0.01	0.058	0				0.32
48.333	0.00	0.01	0.058	0				0.32
48.417	0.00	0.01	0.058	0				0.32
48.500	0.00	0.01	0.057	0				0.32
48.583	0.00	0.01	0.057	0				0.32
48.667	0.00	0.01	0.057	0				0.32
48.750	0.00	0.01	0.057	0				0.32
48.833	0.00	0.01	0.057	0				0.32
48.917	0.00	0.01	0.057	0				0.32
49.000	0.00	0.01	0.057	0				0.32
49.083	0.00	0.01	0.057	0				0.32
49.167	0.00	0.01	0.057	0				0.32
49.250	0.00	0.01	0.057	0				0.31
49.333	0.00	0.01	0.057	0				0.31
49.417	0.00	0.01	0.056	0				0.31
49.500	0.00	0.01	0.056	0				0.31
49.583	0.00	0.01	0.056	0				0.31
49.667	0.00	0.01	0.056	0				0.31
49.750	0.00	0.01	0.056	0				0.31
49.833	0.00	0.01	0.056	0				0.31
49.917	0.00	0.01	0.056	0				0.31
50.000	0.00	0.01	0.056	0				0.31
50.083	0.00	0.01	0.056	0				0.31
50.167	0.00	0.01	0.056	0				0.31
50.250	0.00	0.01	0.056	0				0.31
50.333	0.00	0.01	0.056	0				0.31
50.417	0.00	0.01	0.055	0				0.31
50.500	0.00	0.01	0.055	0				0.31
50.583	0.00	0.01	0.055	0				0.31
50.667	0.00	0.01	0.055	0				0.31
50.750	0.00	0.01	0.055	0				0.31
50.833	0.00	0.01	0.055	0				0.31
50.917	0.00	0.01	0.055	0				0.31
51.000	0.00	0.01	0.055	0				0.30
51.083	0.00	0.01	0.055	0				0.30
51.167	0.00	0.01	0.055	0				0.30
51.250	0.00	0.01	0.055	0				0.30
51.333	0.00	0.01	0.055	0				0.30
51.417	0.00	0.01	0.054	0				0.30
51.500	0.00	0.01	0.054	0				0.30
51.583	0.00	0.01	0.054	0				0.30
51.667	0.00	0.01	0.054	0				0.30
51.750	0.00	0.01	0.054	0				0.30
51.833	0.00	0.01	0.054	0				0.30
51.917	0.00	0.01	0.054	0				0.30
52.000	0.00	0.01	0.054	0				0.30
52.083	0.00	0.01	0.054	0				0.30
52.167	0.00	0.01	0.054	0				0.30
52.250	0.00	0.01	0.054	0				0.30
52.333	0.00	0.01	0.054	0				0.30
52.417	0.00	0.01	0.053	0				0.30
52.500	0.00	0.01	0.053	0				0.30
52.583	0.00	0.01	0.053	0				0.30
52.667	0.00	0.01	0.053	0				0.30
52.750	0.00	0.01	0.053	0				0.30
52.833	0.00	0.01	0.053	0				0.29
52.917	0.00	0.01	0.053	0				0.29
53.000	0.00	0.01	0.053	0				0.29
53.083	0.00	0.01	0.053	0				0.29
53.167	0.00	0.01	0.053	0				0.29
53.250	0.00	0.01	0.053	0				0.29
53.333	0.00	0.01	0.053	0				0.29
53.417	0.00	0.01	0.052	0				0.29
53.500	0.00	0.01	0.052	0				0.29
53.583	0.00	0.01	0.052	0				0.29

53.667	0.00	0.01	0.052	0				0.29
53.750	0.00	0.01	0.052	0				0.29
53.833	0.00	0.01	0.052	0				0.29
53.917	0.00	0.01	0.052	0				0.29
54.000	0.00	0.01	0.052	0				0.29
54.083	0.00	0.01	0.052	0				0.29
54.167	0.00	0.01	0.052	0				0.29
54.250	0.00	0.01	0.052	0				0.29
54.333	0.00	0.01	0.052	0				0.29
54.417	0.00	0.01	0.052	0				0.29
54.500	0.00	0.01	0.051	0				0.29
54.583	0.00	0.01	0.051	0				0.29
54.667	0.00	0.01	0.051	0				0.28
54.750	0.00	0.01	0.051	0				0.28
54.833	0.00	0.01	0.051	0				0.28
54.917	0.00	0.01	0.051	0				0.28
55.000	0.00	0.01	0.051	0				0.28
55.083	0.00	0.01	0.051	0				0.28
55.167	0.00	0.01	0.051	0				0.28
55.250	0.00	0.01	0.051	0				0.28
55.333	0.00	0.01	0.051	0				0.28
55.417	0.00	0.01	0.051	0				0.28
55.500	0.00	0.01	0.051	0				0.28
55.583	0.00	0.01	0.050	0				0.28
55.667	0.00	0.01	0.050	0				0.28
55.750	0.00	0.01	0.050	0				0.28
55.833	0.00	0.01	0.050	0				0.28
55.917	0.00	0.01	0.050	0				0.28
56.000	0.00	0.01	0.050	0				0.28
56.083	0.00	0.01	0.050	0				0.28
56.167	0.00	0.01	0.050	0				0.28
56.250	0.00	0.01	0.050	0				0.28
56.333	0.00	0.01	0.050	0				0.28
56.417	0.00	0.01	0.050	0				0.28
56.500	0.00	0.01	0.050	0				0.28
56.583	0.00	0.01	0.050	0				0.28
56.667	0.00	0.01	0.049	0				0.27
56.750	0.00	0.01	0.049	0				0.27
56.833	0.00	0.01	0.049	0				0.27
56.917	0.00	0.01	0.049	0				0.27
57.000	0.00	0.01	0.049	0				0.27
57.083	0.00	0.01	0.049	0				0.27
57.167	0.00	0.01	0.049	0				0.27
57.250	0.00	0.01	0.049	0				0.27
57.333	0.00	0.01	0.049	0				0.27
57.417	0.00	0.01	0.049	0				0.27
57.500	0.00	0.01	0.049	0				0.27
57.583	0.00	0.01	0.049	0				0.27
57.667	0.00	0.01	0.049	0				0.27
57.750	0.00	0.01	0.048	0				0.27
57.833	0.00	0.01	0.048	0				0.27
57.917	0.00	0.01	0.048	0				0.27
58.000	0.00	0.01	0.048	0				0.27
58.083	0.00	0.01	0.048	0				0.27
58.167	0.00	0.01	0.048	0				0.27
58.250	0.00	0.01	0.048	0				0.27
58.333	0.00	0.01	0.048	0				0.27
58.417	0.00	0.01	0.048	0				0.27
58.500	0.00	0.01	0.048	0				0.27
58.583	0.00	0.01	0.048	0				0.27
58.667	0.00	0.01	0.048	0				0.26
58.750	0.00	0.01	0.048	0				0.26
58.833	0.00	0.01	0.048	0				0.26
58.917	0.00	0.01	0.047	0				0.26
59.000	0.00	0.01	0.047	0				0.26
59.083	0.00	0.01	0.047	0				0.26
59.167	0.00	0.01	0.047	0				0.26
59.250	0.00	0.01	0.047	0				0.26
59.333	0.00	0.01	0.047	0				0.26
59.417	0.00	0.01	0.047	0				0.26
59.500	0.00	0.01	0.047	0				0.26

59.583	0.00	0.01	0.047	0				0.26
59.667	0.00	0.01	0.047	0				0.26
59.750	0.00	0.01	0.047	0				0.26
59.833	0.00	0.01	0.047	0				0.26
59.917	0.00	0.01	0.047	0				0.26
60.000	0.00	0.01	0.047	0				0.26
60.083	0.00	0.01	0.046	0				0.26
60.167	0.00	0.01	0.046	0				0.26
60.250	0.00	0.01	0.046	0				0.26
60.333	0.00	0.01	0.046	0				0.26
60.417	0.00	0.01	0.046	0				0.26
60.500	0.00	0.01	0.046	0				0.26
60.583	0.00	0.01	0.046	0				0.26
60.667	0.00	0.01	0.046	0				0.26
60.750	0.00	0.01	0.046	0				0.25
60.833	0.00	0.01	0.046	0				0.25
60.917	0.00	0.01	0.046	0				0.25
61.000	0.00	0.01	0.046	0				0.25
61.083	0.00	0.01	0.046	0				0.25
61.167	0.00	0.01	0.046	0				0.25
61.250	0.00	0.01	0.045	0				0.25
61.333	0.00	0.01	0.045	0				0.25
61.417	0.00	0.01	0.045	0				0.25
61.500	0.00	0.01	0.045	0				0.25
61.583	0.00	0.01	0.045	0				0.25
61.667	0.00	0.01	0.045	0				0.25
61.750	0.00	0.01	0.045	0				0.25
61.833	0.00	0.01	0.045	0				0.25
61.917	0.00	0.01	0.045	0				0.25
62.000	0.00	0.01	0.045	0				0.25
62.083	0.00	0.01	0.045	0				0.25
62.167	0.00	0.01	0.045	0				0.25
62.250	0.00	0.01	0.045	0				0.25
62.333	0.00	0.01	0.045	0				0.25
62.417	0.00	0.01	0.044	0				0.25
62.500	0.00	0.01	0.044	0				0.25
62.583	0.00	0.01	0.044	0				0.25
62.667	0.00	0.01	0.044	0				0.25
62.750	0.00	0.01	0.044	0				0.25
62.833	0.00	0.01	0.044	0				0.25
62.917	0.00	0.01	0.044	0				0.24
63.000	0.00	0.01	0.044	0				0.24
63.083	0.00	0.01	0.044	0				0.24
63.167	0.00	0.01	0.044	0				0.24
63.250	0.00	0.01	0.044	0				0.24
63.333	0.00	0.01	0.044	0				0.24
63.417	0.00	0.01	0.044	0				0.24
63.500	0.00	0.01	0.044	0				0.24
63.583	0.00	0.01	0.044	0				0.24
63.667	0.00	0.01	0.043	0				0.24
63.750	0.00	0.01	0.043	0				0.24
63.833	0.00	0.01	0.043	0				0.24
63.917	0.00	0.01	0.043	0				0.24
64.000	0.00	0.01	0.043	0				0.24
64.083	0.00	0.01	0.043	0				0.24
64.167	0.00	0.01	0.043	0				0.24
64.250	0.00	0.01	0.043	0				0.24
64.333	0.00	0.01	0.043	0				0.24
64.417	0.00	0.01	0.043	0				0.24
64.500	0.00	0.01	0.043	0				0.24
64.583	0.00	0.01	0.043	0				0.24
64.667	0.00	0.01	0.043	0				0.24
64.750	0.00	0.01	0.043	0				0.24
64.833	0.00	0.01	0.043	0				0.24
64.917	0.00	0.01	0.042	0				0.24
65.000	0.00	0.01	0.042	0				0.24
65.083	0.00	0.01	0.042	0				0.24
65.167	0.00	0.01	0.042	0				0.23
65.250	0.00	0.01	0.042	0				0.23
65.333	0.00	0.01	0.042	0				0.23
65.417	0.00	0.01	0.042	0				0.23

65.500	0.00	0.01	0.042	0				0.23
65.583	0.00	0.01	0.042	0				0.23
65.667	0.00	0.01	0.042	0				0.23
65.750	0.00	0.01	0.042	0				0.23
65.833	0.00	0.01	0.042	0				0.23
65.917	0.00	0.01	0.042	0				0.23
66.000	0.00	0.01	0.042	0				0.23
66.083	0.00	0.01	0.042	0				0.23
66.167	0.00	0.01	0.042	0				0.23
66.250	0.00	0.01	0.041	0				0.23
66.333	0.00	0.01	0.041	0				0.23
66.417	0.00	0.01	0.041	0				0.23
66.500	0.00	0.01	0.041	0				0.23
66.583	0.00	0.01	0.041	0				0.23
66.667	0.00	0.01	0.041	0				0.23
66.750	0.00	0.01	0.041	0				0.23
66.833	0.00	0.01	0.041	0				0.23
66.917	0.00	0.01	0.041	0				0.23
67.000	0.00	0.01	0.041	0				0.23
67.083	0.00	0.01	0.041	0				0.23
67.167	0.00	0.01	0.041	0				0.23
67.250	0.00	0.01	0.041	0				0.23
67.333	0.00	0.01	0.041	0				0.23
67.417	0.00	0.01	0.041	0				0.23
67.500	0.00	0.01	0.041	0				0.23
67.583	0.00	0.01	0.040	0				0.22
67.667	0.00	0.01	0.040	0				0.22
67.750	0.00	0.01	0.040	0				0.22
67.833	0.00	0.01	0.040	0				0.22
67.917	0.00	0.01	0.040	0				0.22
68.000	0.00	0.01	0.040	0				0.22
68.083	0.00	0.01	0.040	0				0.22
68.167	0.00	0.01	0.040	0				0.22
68.250	0.00	0.01	0.040	0				0.22
68.333	0.00	0.01	0.040	0				0.22
68.417	0.00	0.01	0.040	0				0.22
68.500	0.00	0.01	0.040	0				0.22
68.583	0.00	0.01	0.040	0				0.22
68.667	0.00	0.01	0.040	0				0.22
68.750	0.00	0.01	0.040	0				0.22
68.833	0.00	0.01	0.040	0				0.22
68.917	0.00	0.01	0.039	0				0.22
69.000	0.00	0.01	0.039	0				0.22
69.083	0.00	0.01	0.039	0				0.22
69.167	0.00	0.01	0.039	0				0.22
69.250	0.00	0.01	0.039	0				0.22
69.333	0.00	0.01	0.039	0				0.22
69.417	0.00	0.01	0.039	0				0.22
69.500	0.00	0.01	0.039	0				0.22
69.583	0.00	0.01	0.039	0				0.22
69.667	0.00	0.01	0.039	0				0.22
69.750	0.00	0.01	0.039	0				0.22
69.833	0.00	0.01	0.039	0				0.22
69.917	0.00	0.01	0.039	0				0.22
70.000	0.00	0.01	0.039	0				0.22
70.083	0.00	0.01	0.039	0				0.21
70.167	0.00	0.01	0.039	0				0.21
70.250	0.00	0.01	0.039	0				0.21
70.333	0.00	0.01	0.038	0				0.21
70.417	0.00	0.01	0.038	0				0.21
70.500	0.00	0.01	0.038	0				0.21
70.583	0.00	0.01	0.038	0				0.21
70.667	0.00	0.01	0.038	0				0.21
70.750	0.00	0.01	0.038	0				0.21
70.833	0.00	0.01	0.038	0				0.21
70.917	0.00	0.01	0.038	0				0.21
71.000	0.00	0.01	0.038	0				0.21
71.083	0.00	0.01	0.038	0				0.21
71.167	0.00	0.01	0.038	0				0.21
71.250	0.00	0.01	0.038	0				0.21
71.333	0.00	0.01	0.038	0				0.21

71.417	0.00	0.01	0.038	0				0.21
71.500	0.00	0.01	0.038	0				0.21
71.583	0.00	0.01	0.038	0				0.21
71.667	0.00	0.01	0.038	0				0.21
71.750	0.00	0.01	0.037	0				0.21
71.833	0.00	0.01	0.037	0				0.21
71.917	0.00	0.01	0.037	0				0.21
72.000	0.00	0.01	0.037	0				0.21
72.083	0.00	0.01	0.037	0				0.21
72.167	0.00	0.01	0.037	0				0.21
72.250	0.00	0.01	0.037	0				0.21
72.333	0.00	0.01	0.037	0				0.21
72.417	0.00	0.01	0.037	0				0.21
72.500	0.00	0.01	0.037	0				0.21
72.583	0.00	0.01	0.037	0				0.21
72.667	0.00	0.01	0.037	0				0.20
72.750	0.00	0.01	0.037	0				0.20
72.833	0.00	0.01	0.037	0				0.20
72.917	0.00	0.01	0.037	0				0.20
73.000	0.00	0.01	0.037	0				0.20
73.083	0.00	0.01	0.037	0				0.20
73.167	0.00	0.01	0.037	0				0.20
73.250	0.00	0.01	0.036	0				0.20
73.333	0.00	0.01	0.036	0				0.20
73.417	0.00	0.01	0.036	0				0.20
73.500	0.00	0.01	0.036	0				0.20
73.583	0.00	0.01	0.036	0				0.20
73.667	0.00	0.01	0.036	0				0.20
73.750	0.00	0.01	0.036	0				0.20
73.833	0.00	0.01	0.036	0				0.20
73.917	0.00	0.01	0.036	0				0.20
74.000	0.00	0.01	0.036	0				0.20
74.083	0.00	0.01	0.036	0				0.20
74.167	0.00	0.01	0.036	0				0.20
74.250	0.00	0.01	0.036	0				0.20
74.333	0.00	0.01	0.036	0				0.20
74.417	0.00	0.01	0.036	0				0.20
74.500	0.00	0.01	0.036	0				0.20
74.583	0.00	0.01	0.036	0				0.20
74.667	0.00	0.01	0.036	0				0.20
74.750	0.00	0.01	0.035	0				0.20
74.833	0.00	0.01	0.035	0				0.20
74.917	0.00	0.01	0.035	0				0.20
75.000	0.00	0.01	0.035	0				0.20
75.083	0.00	0.01	0.035	0				0.20
75.167	0.00	0.01	0.035	0				0.20
75.250	0.00	0.01	0.035	0				0.20
75.333	0.00	0.01	0.035	0				0.19
75.417	0.00	0.01	0.035	0				0.19
75.500	0.00	0.01	0.035	0				0.19
75.583	0.00	0.01	0.035	0				0.19
75.667	0.00	0.01	0.035	0				0.19
75.750	0.00	0.01	0.035	0				0.19
75.833	0.00	0.01	0.035	0				0.19
75.917	0.00	0.01	0.035	0				0.19
76.000	0.00	0.01	0.035	0				0.19
76.083	0.00	0.01	0.035	0				0.19
76.167	0.00	0.01	0.035	0				0.19
76.250	0.00	0.01	0.035	0				0.19
76.333	0.00	0.01	0.034	0				0.19
76.417	0.00	0.01	0.034	0				0.19
76.500	0.00	0.01	0.034	0				0.19
76.583	0.00	0.01	0.034	0				0.19
76.667	0.00	0.01	0.034	0				0.19
76.750	0.00	0.01	0.034	0				0.19
76.833	0.00	0.01	0.034	0				0.19
76.917	0.00	0.01	0.034	0				0.19
77.000	0.00	0.01	0.034	0				0.19
77.083	0.00	0.01	0.034	0				0.19
77.167	0.00	0.01	0.034	0				0.19
77.250	0.00	0.01	0.034	0				0.19

77.333	0.00	0.01	0.034	0				0.19
77.417	0.00	0.01	0.034	0				0.19
77.500	0.00	0.01	0.034	0				0.19
77.583	0.00	0.01	0.034	0				0.19
77.667	0.00	0.01	0.034	0				0.19
77.750	0.00	0.01	0.034	0				0.19
77.833	0.00	0.01	0.034	0				0.19
77.917	0.00	0.01	0.033	0				0.19
78.000	0.00	0.01	0.033	0				0.19
78.083	0.00	0.01	0.033	0				0.19
78.167	0.00	0.01	0.033	0				0.19
78.250	0.00	0.01	0.033	0				0.18
78.333	0.00	0.01	0.033	0				0.18
78.417	0.00	0.01	0.033	0				0.18
78.500	0.00	0.01	0.033	0				0.18
78.583	0.00	0.01	0.033	0				0.18
78.667	0.00	0.01	0.033	0				0.18
78.750	0.00	0.01	0.033	0				0.18
78.833	0.00	0.01	0.033	0				0.18
78.917	0.00	0.01	0.033	0				0.18
79.000	0.00	0.01	0.033	0				0.18
79.083	0.00	0.01	0.033	0				0.18
79.167	0.00	0.01	0.033	0				0.18
79.250	0.00	0.01	0.033	0				0.18
79.333	0.00	0.01	0.033	0				0.18
79.417	0.00	0.01	0.033	0				0.18
79.500	0.00	0.01	0.033	0				0.18
79.583	0.00	0.01	0.032	0				0.18
79.667	0.00	0.01	0.032	0				0.18
79.750	0.00	0.01	0.032	0				0.18
79.833	0.00	0.01	0.032	0				0.18
79.917	0.00	0.01	0.032	0				0.18
80.000	0.00	0.01	0.032	0				0.18
80.083	0.00	0.01	0.032	0				0.18
80.167	0.00	0.01	0.032	0				0.18
80.250	0.00	0.01	0.032	0				0.18
80.333	0.00	0.01	0.032	0				0.18
80.417	0.00	0.01	0.032	0				0.18
80.500	0.00	0.01	0.032	0				0.18
80.583	0.00	0.01	0.032	0				0.18
80.667	0.00	0.01	0.032	0				0.18
80.750	0.00	0.01	0.032	0				0.18
80.833	0.00	0.01	0.032	0				0.18
80.917	0.00	0.01	0.032	0				0.18
81.000	0.00	0.01	0.032	0				0.18
81.083	0.00	0.01	0.032	0				0.18
81.167	0.00	0.01	0.032	0				0.18
81.250	0.00	0.01	0.031	0				0.17
81.333	0.00	0.01	0.031	0				0.17
81.417	0.00	0.01	0.031	0				0.17
81.500	0.00	0.01	0.031	0				0.17
81.583	0.00	0.01	0.031	0				0.17
81.667	0.00	0.01	0.031	0				0.17
81.750	0.00	0.01	0.031	0				0.17
81.833	0.00	0.01	0.031	0				0.17
81.917	0.00	0.01	0.031	0				0.17
82.000	0.00	0.01	0.031	0				0.17
82.083	0.00	0.01	0.031	0				0.17
82.167	0.00	0.01	0.031	0				0.17
82.250	0.00	0.01	0.031	0				0.17
82.333	0.00	0.01	0.031	0				0.17
82.417	0.00	0.01	0.031	0				0.17
82.500	0.00	0.01	0.031	0				0.17
82.583	0.00	0.01	0.031	0				0.17
82.667	0.00	0.01	0.031	0				0.17
82.750	0.00	0.01	0.031	0				0.17
82.833	0.00	0.01	0.031	0				0.17
82.917	0.00	0.01	0.031	0				0.17
83.000	0.00	0.01	0.030	0				0.17
83.083	0.00	0.01	0.030	0				0.17
83.167	0.00	0.01	0.030	0				0.17

83.250	0.00	0.01	0.030	0				0.17
83.333	0.00	0.01	0.030	0				0.17
83.417	0.00	0.01	0.030	0				0.17
83.500	0.00	0.01	0.030	0				0.17
83.583	0.00	0.01	0.030	0				0.17
83.667	0.00	0.01	0.030	0				0.17
83.750	0.00	0.01	0.030	0				0.17
83.833	0.00	0.01	0.030	0				0.17
83.917	0.00	0.01	0.030	0				0.17
84.000	0.00	0.01	0.030	0				0.17
84.083	0.00	0.01	0.030	0				0.17
84.167	0.00	0.01	0.030	0				0.17
84.250	0.00	0.01	0.030	0				0.17
84.333	0.00	0.01	0.030	0				0.17
84.417	0.00	0.01	0.030	0				0.16
84.500	0.00	0.01	0.030	0				0.16
84.583	0.00	0.01	0.030	0				0.16
84.667	0.00	0.01	0.030	0				0.16
84.750	0.00	0.01	0.030	0				0.16
84.833	0.00	0.01	0.029	0				0.16
84.917	0.00	0.01	0.029	0				0.16
85.000	0.00	0.01	0.029	0				0.16
85.083	0.00	0.01	0.029	0				0.16
85.167	0.00	0.01	0.029	0				0.16
85.250	0.00	0.01	0.029	0				0.16
85.333	0.00	0.01	0.029	0				0.16
85.417	0.00	0.01	0.029	0				0.16
85.500	0.00	0.01	0.029	0				0.16
85.583	0.00	0.01	0.029	0				0.16
85.667	0.00	0.01	0.029	0				0.16
85.750	0.00	0.01	0.029	0				0.16
85.833	0.00	0.01	0.029	0				0.16
85.917	0.00	0.01	0.029	0				0.16
86.000	0.00	0.01	0.029	0				0.16
86.083	0.00	0.01	0.029	0				0.16
86.167	0.00	0.01	0.029	0				0.16
86.250	0.00	0.01	0.029	0				0.16
86.333	0.00	0.01	0.029	0				0.16
86.417	0.00	0.01	0.029	0				0.16
86.500	0.00	0.01	0.029	0				0.16
86.583	0.00	0.01	0.029	0				0.16
86.667	0.00	0.01	0.028	0				0.16
86.750	0.00	0.01	0.028	0				0.16
86.833	0.00	0.01	0.028	0				0.16
86.917	0.00	0.01	0.028	0				0.16
87.000	0.00	0.01	0.028	0				0.16
87.083	0.00	0.01	0.028	0				0.16
87.167	0.00	0.01	0.028	0				0.16
87.250	0.00	0.01	0.028	0				0.16
87.333	0.00	0.01	0.028	0				0.16
87.417	0.00	0.01	0.028	0				0.16
87.500	0.00	0.01	0.028	0				0.16
87.583	0.00	0.01	0.028	0				0.16
87.667	0.00	0.01	0.028	0				0.16
87.750	0.00	0.01	0.028	0				0.16
87.833	0.00	0.01	0.028	0				0.15
87.917	0.00	0.01	0.028	0				0.15
88.000	0.00	0.01	0.028	0				0.15
88.083	0.00	0.01	0.028	0				0.15
88.167	0.00	0.01	0.028	0				0.15
88.250	0.00	0.01	0.028	0				0.15
88.333	0.00	0.01	0.028	0				0.15
88.417	0.00	0.01	0.028	0				0.15
88.500	0.00	0.01	0.028	0				0.15
88.583	0.00	0.01	0.028	0				0.15
88.667	0.00	0.01	0.027	0				0.15
88.750	0.00	0.01	0.027	0				0.15
88.833	0.00	0.01	0.027	0				0.15
88.917	0.00	0.01	0.027	0				0.15
89.000	0.00	0.01	0.027	0				0.15
89.083	0.00	0.01	0.027	0				0.15

89.167	0.00	0.01	0.027	0					0.15
89.250	0.00	0.01	0.027	0					0.15
89.333	0.00	0.01	0.027	0					0.15
89.417	0.00	0.01	0.027	0					0.15
89.500	0.00	0.01	0.027	0					0.15
89.583	0.00	0.01	0.027	0					0.15
89.667	0.00	0.01	0.027	0					0.15
89.750	0.00	0.01	0.027	0					0.15
89.833	0.00	0.01	0.027	0					0.15
89.917	0.00	0.01	0.027	0					0.15
90.000	0.00	0.01	0.027	0					0.15
90.083	0.00	0.01	0.027	0					0.15
90.167	0.00	0.01	0.027	0					0.15
90.250	0.00	0.01	0.027	0					0.15
90.333	0.00	0.01	0.027	0					0.15
90.417	0.00	0.01	0.027	0					0.15
90.500	0.00	0.01	0.027	0					0.15
90.583	0.00	0.01	0.027	0					0.15
90.667	0.00	0.01	0.026	0					0.15
90.750	0.00	0.01	0.026	0					0.15
90.833	0.00	0.01	0.026	0					0.15
90.917	0.00	0.01	0.026	0					0.15
91.000	0.00	0.01	0.026	0					0.15
91.083	0.00	0.01	0.026	0					0.15
91.167	0.00	0.01	0.026	0					0.15
91.250	0.00	0.01	0.026	0					0.15
91.333	0.00	0.01	0.026	0					0.15
91.417	0.00	0.01	0.026	0					0.15
91.500	0.00	0.01	0.026	0					0.14
91.583	0.00	0.01	0.026	0					0.14
91.667	0.00	0.01	0.026	0					0.14
91.750	0.00	0.01	0.026	0					0.14
91.833	0.00	0.01	0.026	0					0.14
91.917	0.00	0.01	0.026	0					0.14
92.000	0.00	0.01	0.026	0					0.14
92.083	0.00	0.01	0.026	0					0.14
92.167	0.00	0.01	0.026	0					0.14
92.250	0.00	0.01	0.026	0					0.14
92.333	0.00	0.01	0.026	0					0.14
92.417	0.00	0.01	0.026	0					0.14
92.500	0.00	0.01	0.026	0					0.14
92.583	0.00	0.01	0.026	0					0.14
92.667	0.00	0.01	0.026	0					0.14
92.750	0.00	0.01	0.025	0					0.14
92.833	0.00	0.01	0.025	0					0.14
92.917	0.00	0.01	0.025	0					0.14
93.000	0.00	0.01	0.025	0					0.14
93.083	0.00	0.01	0.025	0					0.14
93.167	0.00	0.01	0.025	0					0.14
93.250	0.00	0.01	0.025	0					0.14
93.333	0.00	0.01	0.025	0					0.14
93.417	0.00	0.01	0.025	0					0.14
93.500	0.00	0.01	0.025	0					0.14
93.583	0.00	0.01	0.025	0					0.14
93.667	0.00	0.01	0.025	0					0.14
93.750	0.00	0.01	0.025	0					0.14
93.833	0.00	0.01	0.025	0					0.14
93.917	0.00	0.01	0.025	0					0.14
94.000	0.00	0.01	0.025	0					0.14
94.083	0.00	0.01	0.025	0					0.14
94.167	0.00	0.01	0.025	0					0.14
94.250	0.00	0.01	0.025	0					0.14
94.333	0.00	0.01	0.025	0					0.14
94.417	0.00	0.01	0.025	0					0.14
94.500	0.00	0.01	0.025	0					0.14
94.583	0.00	0.01	0.025	0					0.14
94.667	0.00	0.01	0.025	0					0.14
94.750	0.00	0.01	0.025	0					0.14
94.833	0.00	0.01	0.025	0					0.14
94.917	0.00	0.01	0.024	0					0.14
95.000	0.00	0.01	0.024	0					0.14

95.083	0.00	0.01	0.024	0				0.14
95.167	0.00	0.01	0.024	0				0.14
95.250	0.00	0.01	0.024	0				0.14
95.333	0.00	0.01	0.024	0				0.14
95.417	0.00	0.01	0.024	0				0.13
95.500	0.00	0.01	0.024	0				0.13
95.583	0.00	0.01	0.024	0				0.13
95.667	0.00	0.01	0.024	0				0.13
95.750	0.00	0.01	0.024	0				0.13
95.833	0.00	0.01	0.024	0				0.13
95.917	0.00	0.01	0.024	0				0.13
96.000	0.00	0.01	0.024	0				0.13
96.083	0.00	0.01	0.024	0				0.13
96.167	0.00	0.01	0.024	0				0.13
96.250	0.00	0.01	0.024	0				0.13
96.333	0.00	0.01	0.024	0				0.13
96.417	0.00	0.01	0.024	0				0.13
96.500	0.00	0.01	0.024	0				0.13
96.583	0.00	0.01	0.024	0				0.13
96.667	0.00	0.01	0.024	0				0.13
96.750	0.00	0.01	0.024	0				0.13
96.833	0.00	0.01	0.024	0				0.13
96.917	0.00	0.01	0.024	0				0.13
97.000	0.00	0.01	0.024	0				0.13
97.083	0.00	0.01	0.024	0				0.13
97.167	0.00	0.01	0.023	0				0.13
97.250	0.00	0.01	0.023	0				0.13
97.333	0.00	0.01	0.023	0				0.13
97.417	0.00	0.01	0.023	0				0.13
97.500	0.00	0.01	0.023	0				0.13
97.583	0.00	0.01	0.023	0				0.13
97.667	0.00	0.01	0.023	0				0.13
97.750	0.00	0.01	0.023	0				0.13
97.833	0.00	0.01	0.023	0				0.13
97.917	0.00	0.01	0.023	0				0.13
98.000	0.00	0.01	0.023	0				0.13
98.083	0.00	0.01	0.023	0				0.13
98.167	0.00	0.01	0.023	0				0.13
98.250	0.00	0.01	0.023	0				0.13
98.333	0.00	0.01	0.023	0				0.13
98.417	0.00	0.01	0.023	0				0.13
98.500	0.00	0.01	0.023	0				0.13
98.583	0.00	0.01	0.023	0				0.13
98.667	0.00	0.01	0.023	0				0.13
98.750	0.00	0.01	0.023	0				0.13
98.833	0.00	0.01	0.023	0				0.13
98.917	0.00	0.01	0.023	0				0.13
99.000	0.00	0.01	0.023	0				0.13
99.083	0.00	0.01	0.023	0				0.13
99.167	0.00	0.01	0.023	0				0.13
99.250	0.00	0.01	0.023	0				0.13
99.333	0.00	0.01	0.023	0				0.13
99.417	0.00	0.01	0.023	0				0.13
99.500	0.00	0.01	0.023	0				0.13
99.583	0.00	0.00	0.022	0				0.12
99.667	0.00	0.00	0.022	0				0.12
99.750	0.00	0.00	0.022	0				0.12
99.833	0.00	0.00	0.022	0				0.12
99.917	0.00	0.00	0.022	0				0.12
100.000	0.00	0.00	0.022	0				0.12
100.083	0.00	0.00	0.022	0				0.12
100.167	0.00	0.00	0.022	0				0.12
100.250	0.00	0.00	0.022	0				0.12
100.333	0.00	0.00	0.022	0				0.12
100.417	0.00	0.00	0.022	0				0.12
100.500	0.00	0.00	0.022	0				0.12
100.583	0.00	0.00	0.022	0				0.12
100.667	0.00	0.00	0.022	0				0.12
100.750	0.00	0.00	0.022	0				0.12
100.833	0.00	0.00	0.022	0				0.12
100.917	0.00	0.00	0.022	0				0.12

101.000	0.00	0.00	0.022	0				0.12
101.083	0.00	0.00	0.022	0				0.12
101.167	0.00	0.00	0.022	0				0.12
101.250	0.00	0.00	0.022	0				0.12
101.333	0.00	0.00	0.022	0				0.12
101.417	0.00	0.00	0.022	0				0.12
101.500	0.00	0.00	0.022	0				0.12
101.583	0.00	0.00	0.022	0				0.12
101.667	0.00	0.00	0.022	0				0.12
101.750	0.00	0.00	0.022	0				0.12
101.833	0.00	0.00	0.022	0				0.12
101.917	0.00	0.00	0.022	0				0.12
102.000	0.00	0.00	0.022	0				0.12
102.083	0.00	0.00	0.021	0				0.12
102.167	0.00	0.00	0.021	0				0.12
102.250	0.00	0.00	0.021	0				0.12
102.333	0.00	0.00	0.021	0				0.12
102.417	0.00	0.00	0.021	0				0.12
102.500	0.00	0.00	0.021	0				0.12
102.583	0.00	0.00	0.021	0				0.12
102.667	0.00	0.00	0.021	0				0.12
102.750	0.00	0.00	0.021	0				0.12
102.833	0.00	0.00	0.021	0				0.12
102.917	0.00	0.00	0.021	0				0.12
103.000	0.00	0.00	0.021	0				0.12
103.083	0.00	0.00	0.021	0				0.12
103.167	0.00	0.00	0.021	0				0.12
103.250	0.00	0.00	0.021	0				0.12
103.333	0.00	0.00	0.021	0				0.12
103.417	0.00	0.00	0.021	0				0.12
103.500	0.00	0.00	0.021	0				0.12
103.583	0.00	0.00	0.021	0				0.12
103.667	0.00	0.00	0.021	0				0.12
103.750	0.00	0.00	0.021	0				0.12
103.833	0.00	0.00	0.021	0				0.12
103.917	0.00	0.00	0.021	0				0.12
104.000	0.00	0.00	0.021	0				0.12
104.083	0.00	0.00	0.021	0				0.11
104.167	0.00	0.00	0.021	0				0.11
104.250	0.00	0.00	0.021	0				0.11
104.333	0.00	0.00	0.021	0				0.11
104.417	0.00	0.00	0.021	0				0.11
104.500	0.00	0.00	0.021	0				0.11
104.583	0.00	0.00	0.021	0				0.11
104.667	0.00	0.00	0.020	0				0.11
104.750	0.00	0.00	0.020	0				0.11
104.833	0.00	0.00	0.020	0				0.11
104.917	0.00	0.00	0.020	0				0.11
105.000	0.00	0.00	0.020	0				0.11
105.083	0.00	0.00	0.020	0				0.11
105.167	0.00	0.00	0.020	0				0.11
105.250	0.00	0.00	0.020	0				0.11
105.333	0.00	0.00	0.020	0				0.11
105.417	0.00	0.00	0.020	0				0.11
105.500	0.00	0.00	0.020	0				0.11
105.583	0.00	0.00	0.020	0				0.11
105.667	0.00	0.00	0.020	0				0.11
105.750	0.00	0.00	0.020	0				0.11
105.833	0.00	0.00	0.020	0				0.11
105.917	0.00	0.00	0.020	0				0.11
106.000	0.00	0.00	0.020	0				0.11
106.083	0.00	0.00	0.020	0				0.11
106.167	0.00	0.00	0.020	0				0.11
106.250	0.00	0.00	0.020	0				0.11
106.333	0.00	0.00	0.020	0				0.11
106.417	0.00	0.00	0.020	0				0.11
106.500	0.00	0.00	0.020	0				0.11
106.583	0.00	0.00	0.020	0				0.11
106.667	0.00	0.00	0.020	0				0.11
106.750	0.00	0.00	0.020	0				0.11
106.833	0.00	0.00	0.020	0				0.11

106.917	0.00	0.00	0.020	0				0.11
107.000	0.00	0.00	0.020	0				0.11
107.083	0.00	0.00	0.020	0				0.11
107.167	0.00	0.00	0.020	0				0.11
107.250	0.00	0.00	0.020	0				0.11
107.333	0.00	0.00	0.019	0				0.11
107.417	0.00	0.00	0.019	0				0.11
107.500	0.00	0.00	0.019	0				0.11
107.583	0.00	0.00	0.019	0				0.11
107.667	0.00	0.00	0.019	0				0.11
107.750	0.00	0.00	0.019	0				0.11
107.833	0.00	0.00	0.019	0				0.11
107.917	0.00	0.00	0.019	0				0.11
108.000	0.00	0.00	0.019	0				0.11
108.083	0.00	0.00	0.019	0				0.11
108.167	0.00	0.00	0.019	0				0.11
108.250	0.00	0.00	0.019	0				0.11
108.333	0.00	0.00	0.019	0				0.11
108.417	0.00	0.00	0.019	0				0.11
108.500	0.00	0.00	0.019	0				0.11
108.583	0.00	0.00	0.019	0				0.11
108.667	0.00	0.00	0.019	0				0.11
108.750	0.00	0.00	0.019	0				0.11
108.833	0.00	0.00	0.019	0				0.11
108.917	0.00	0.00	0.019	0				0.11
109.000	0.00	0.00	0.019	0				0.11
109.083	0.00	0.00	0.019	0				0.10
109.167	0.00	0.00	0.019	0				0.10
109.250	0.00	0.00	0.019	0				0.10
109.333	0.00	0.00	0.019	0				0.10
109.417	0.00	0.00	0.019	0				0.10
109.500	0.00	0.00	0.019	0				0.10
109.583	0.00	0.00	0.019	0				0.10
109.667	0.00	0.00	0.019	0				0.10
109.750	0.00	0.00	0.019	0				0.10
109.833	0.00	0.00	0.019	0				0.10
109.917	0.00	0.00	0.019	0				0.10
110.000	0.00	0.00	0.019	0				0.10
110.083	0.00	0.00	0.019	0				0.10
110.167	0.00	0.00	0.019	0				0.10
110.250	0.00	0.00	0.018	0				0.10
110.333	0.00	0.00	0.018	0				0.10
110.417	0.00	0.00	0.018	0				0.10
110.500	0.00	0.00	0.018	0				0.10
110.583	0.00	0.00	0.018	0				0.10
110.667	0.00	0.00	0.018	0				0.10
110.750	0.00	0.00	0.018	0				0.10
110.833	0.00	0.00	0.018	0				0.10
110.917	0.00	0.00	0.018	0				0.10
111.000	0.00	0.00	0.018	0				0.10
111.083	0.00	0.00	0.018	0				0.10
111.167	0.00	0.00	0.018	0				0.10
111.250	0.00	0.00	0.018	0				0.10
111.333	0.00	0.00	0.018	0				0.10
111.417	0.00	0.00	0.018	0				0.10
111.500	0.00	0.00	0.018	0				0.10
111.583	0.00	0.00	0.018	0				0.10
111.667	0.00	0.00	0.018	0				0.10
111.750	0.00	0.00	0.018	0				0.10
111.833	0.00	0.00	0.018	0				0.10
111.917	0.00	0.00	0.018	0				0.10
112.000	0.00	0.00	0.018	0				0.10
112.083	0.00	0.00	0.018	0				0.10
112.167	0.00	0.00	0.018	0				0.10
112.250	0.00	0.00	0.018	0				0.10
112.333	0.00	0.00	0.018	0				0.10
112.417	0.00	0.00	0.018	0				0.10
112.500	0.00	0.00	0.018	0				0.10
112.583	0.00	0.00	0.018	0				0.10
112.667	0.00	0.00	0.018	0				0.10
112.750	0.00	0.00	0.018	0				0.10

112.833	0.00	0.00	0.018	0				0.10
112.917	0.00	0.00	0.018	0				0.10
113.000	0.00	0.00	0.018	0				0.10
113.083	0.00	0.00	0.018	0				0.10
113.167	0.00	0.00	0.018	0				0.10
113.250	0.00	0.00	0.017	0				0.10
113.333	0.00	0.00	0.017	0				0.10
113.417	0.00	0.00	0.017	0				0.10
113.500	0.00	0.00	0.017	0				0.10
113.583	0.00	0.00	0.017	0				0.10
113.667	0.00	0.00	0.017	0				0.10
113.750	0.00	0.00	0.017	0				0.10
113.833	0.00	0.00	0.017	0				0.10
113.917	0.00	0.00	0.017	0				0.10
114.000	0.00	0.00	0.017	0				0.10
114.083	0.00	0.00	0.017	0				0.10
114.167	0.00	0.00	0.017	0				0.10
114.250	0.00	0.00	0.017	0				0.10
114.333	0.00	0.00	0.017	0				0.10
114.417	0.00	0.00	0.017	0				0.10
114.500	0.00	0.00	0.017	0				0.09
114.583	0.00	0.00	0.017	0				0.09
114.667	0.00	0.00	0.017	0				0.09
114.750	0.00	0.00	0.017	0				0.09
114.833	0.00	0.00	0.017	0				0.09
114.917	0.00	0.00	0.017	0				0.09
115.000	0.00	0.00	0.017	0				0.09
115.083	0.00	0.00	0.017	0				0.09
115.167	0.00	0.00	0.017	0				0.09
115.250	0.00	0.00	0.017	0				0.09
115.333	0.00	0.00	0.017	0				0.09
115.417	0.00	0.00	0.017	0				0.09
115.500	0.00	0.00	0.017	0				0.09
115.583	0.00	0.00	0.017	0				0.09
115.667	0.00	0.00	0.017	0				0.09
115.750	0.00	0.00	0.017	0				0.09
115.833	0.00	0.00	0.017	0				0.09
115.917	0.00	0.00	0.017	0				0.09
116.000	0.00	0.00	0.017	0				0.09
116.083	0.00	0.00	0.017	0				0.09
116.167	0.00	0.00	0.017	0				0.09
116.250	0.00	0.00	0.017	0				0.09
116.333	0.00	0.00	0.017	0				0.09
116.417	0.00	0.00	0.017	0				0.09
116.500	0.00	0.00	0.016	0				0.09
116.583	0.00	0.00	0.016	0				0.09
116.667	0.00	0.00	0.016	0				0.09
116.750	0.00	0.00	0.016	0				0.09
116.833	0.00	0.00	0.016	0				0.09
116.917	0.00	0.00	0.016	0				0.09
117.000	0.00	0.00	0.016	0				0.09
117.083	0.00	0.00	0.016	0				0.09
117.167	0.00	0.00	0.016	0				0.09
117.250	0.00	0.00	0.016	0				0.09
117.333	0.00	0.00	0.016	0				0.09
117.417	0.00	0.00	0.016	0				0.09
117.500	0.00	0.00	0.016	0				0.09
117.583	0.00	0.00	0.016	0				0.09
117.667	0.00	0.00	0.016	0				0.09
117.750	0.00	0.00	0.016	0				0.09
117.833	0.00	0.00	0.016	0				0.09
117.917	0.00	0.00	0.016	0				0.09
118.000	0.00	0.00	0.016	0				0.09
118.083	0.00	0.00	0.016	0				0.09
118.167	0.00	0.00	0.016	0				0.09
118.250	0.00	0.00	0.016	0				0.09
118.333	0.00	0.00	0.016	0				0.09
118.417	0.00	0.00	0.016	0				0.09
118.500	0.00	0.00	0.016	0				0.09
118.583	0.00	0.00	0.016	0				0.09
118.667	0.00	0.00	0.016	0				0.09

118.750	0.00	0.00	0.016	0				0.09
118.833	0.00	0.00	0.016	0				0.09
118.917	0.00	0.00	0.016	0				0.09
119.000	0.00	0.00	0.016	0				0.09
119.083	0.00	0.00	0.016	0				0.09
119.167	0.00	0.00	0.016	0				0.09
119.250	0.00	0.00	0.016	0				0.09
119.333	0.00	0.00	0.016	0				0.09
119.417	0.00	0.00	0.016	0				0.09
119.500	0.00	0.00	0.016	0				0.09
119.583	0.00	0.00	0.016	0				0.09
119.667	0.00	0.00	0.016	0				0.09
119.750	0.00	0.00	0.016	0				0.09
119.833	0.00	0.00	0.015	0				0.09
119.917	0.00	0.00	0.015	0				0.09
120.000	0.00	0.00	0.015	0				0.09
120.083	0.00	0.00	0.015	0				0.09
120.167	0.00	0.00	0.015	0				0.09
120.250	0.00	0.00	0.015	0				0.09
120.333	0.00	0.00	0.015	0				0.09
120.417	0.00	0.00	0.015	0				0.09
120.500	0.00	0.00	0.015	0				0.09
120.583	0.00	0.00	0.015	0				0.08
120.667	0.00	0.00	0.015	0				0.08
120.750	0.00	0.00	0.015	0				0.08
120.833	0.00	0.00	0.015	0				0.08
120.917	0.00	0.00	0.015	0				0.08
121.000	0.00	0.00	0.015	0				0.08
121.083	0.00	0.00	0.015	0				0.08
121.167	0.00	0.00	0.015	0				0.08
121.250	0.00	0.00	0.015	0				0.08
121.333	0.00	0.00	0.015	0				0.08
121.417	0.00	0.00	0.015	0				0.08
121.500	0.00	0.00	0.015	0				0.08
121.583	0.00	0.00	0.015	0				0.08
121.667	0.00	0.00	0.015	0				0.08
121.750	0.00	0.00	0.015	0				0.08
121.833	0.00	0.00	0.015	0				0.08
121.917	0.00	0.00	0.015	0				0.08
122.000	0.00	0.00	0.015	0				0.08
122.083	0.00	0.00	0.015	0				0.08
122.167	0.00	0.00	0.015	0				0.08
122.250	0.00	0.00	0.015	0				0.08
122.333	0.00	0.00	0.015	0				0.08
122.417	0.00	0.00	0.015	0				0.08
122.500	0.00	0.00	0.015	0				0.08
122.583	0.00	0.00	0.015	0				0.08
122.667	0.00	0.00	0.015	0				0.08
122.750	0.00	0.00	0.015	0				0.08
122.833	0.00	0.00	0.015	0				0.08
122.917	0.00	0.00	0.015	0				0.08
123.000	0.00	0.00	0.015	0				0.08
123.083	0.00	0.00	0.015	0				0.08
123.167	0.00	0.00	0.015	0				0.08
123.250	0.00	0.00	0.015	0				0.08
123.333	0.00	0.00	0.015	0				0.08
123.417	0.00	0.00	0.015	0				0.08
123.500	0.00	0.00	0.014	0				0.08
123.583	0.00	0.00	0.014	0				0.08
123.667	0.00	0.00	0.014	0				0.08
123.750	0.00	0.00	0.014	0				0.08
123.833	0.00	0.00	0.014	0				0.08
123.917	0.00	0.00	0.014	0				0.08
124.000	0.00	0.00	0.014	0				0.08
124.083	0.00	0.00	0.014	0				0.08
124.167	0.00	0.00	0.014	0				0.08
124.250	0.00	0.00	0.014	0				0.08
124.333	0.00	0.00	0.014	0				0.08
124.417	0.00	0.00	0.014	0				0.08
124.500	0.00	0.00	0.014	0				0.08
124.583	0.00	0.00	0.014	0				0.08

124.667	0.00	0.00	0.014	0				0.08
124.750	0.00	0.00	0.014	0				0.08
124.833	0.00	0.00	0.014	0				0.08
124.917	0.00	0.00	0.014	0				0.08
125.000	0.00	0.00	0.014	0				0.08
125.083	0.00	0.00	0.014	0				0.08
125.167	0.00	0.00	0.014	0				0.08
125.250	0.00	0.00	0.014	0				0.08
125.333	0.00	0.00	0.014	0				0.08
125.417	0.00	0.00	0.014	0				0.08
125.500	0.00	0.00	0.014	0				0.08
125.583	0.00	0.00	0.014	0				0.08
125.667	0.00	0.00	0.014	0				0.08
125.750	0.00	0.00	0.014	0				0.08
125.833	0.00	0.00	0.014	0				0.08
125.917	0.00	0.00	0.014	0				0.08
126.000	0.00	0.00	0.014	0				0.08
126.083	0.00	0.00	0.014	0				0.08
126.167	0.00	0.00	0.014	0				0.08
126.250	0.00	0.00	0.014	0				0.08
126.333	0.00	0.00	0.014	0				0.08
126.417	0.00	0.00	0.014	0				0.08
126.500	0.00	0.00	0.014	0				0.08
126.583	0.00	0.00	0.014	0				0.08
126.667	0.00	0.00	0.014	0				0.08
126.750	0.00	0.00	0.014	0				0.08
126.833	0.00	0.00	0.014	0				0.08
126.917	0.00	0.00	0.014	0				0.08
127.000	0.00	0.00	0.014	0				0.08
127.083	0.00	0.00	0.014	0				0.08
127.167	0.00	0.00	0.014	0				0.08
127.250	0.00	0.00	0.014	0				0.08
127.333	0.00	0.00	0.014	0				0.08
127.417	0.00	0.00	0.013	0				0.07
127.500	0.00	0.00	0.013	0				0.07
127.583	0.00	0.00	0.013	0				0.07
127.667	0.00	0.00	0.013	0				0.07
127.750	0.00	0.00	0.013	0				0.07
127.833	0.00	0.00	0.013	0				0.07
127.917	0.00	0.00	0.013	0				0.07
128.000	0.00	0.00	0.013	0				0.07
128.083	0.00	0.00	0.013	0				0.07
128.167	0.00	0.00	0.013	0				0.07
128.250	0.00	0.00	0.013	0				0.07
128.333	0.00	0.00	0.013	0				0.07
128.417	0.00	0.00	0.013	0				0.07
128.500	0.00	0.00	0.013	0				0.07
128.583	0.00	0.00	0.013	0				0.07
128.667	0.00	0.00	0.013	0				0.07
128.750	0.00	0.00	0.013	0				0.07
128.833	0.00	0.00	0.013	0				0.07
128.917	0.00	0.00	0.013	0				0.07
129.000	0.00	0.00	0.013	0				0.07
129.083	0.00	0.00	0.013	0				0.07
129.167	0.00	0.00	0.013	0				0.07
129.250	0.00	0.00	0.013	0				0.07
129.333	0.00	0.00	0.013	0				0.07
129.417	0.00	0.00	0.013	0				0.07
129.500	0.00	0.00	0.013	0				0.07
129.583	0.00	0.00	0.013	0				0.07
129.667	0.00	0.00	0.013	0				0.07
129.750	0.00	0.00	0.013	0				0.07
129.833	0.00	0.00	0.013	0				0.07
129.917	0.00	0.00	0.013	0				0.07
130.000	0.00	0.00	0.013	0				0.07
130.083	0.00	0.00	0.013	0				0.07
130.167	0.00	0.00	0.013	0				0.07
130.250	0.00	0.00	0.013	0				0.07
130.333	0.00	0.00	0.013	0				0.07
130.417	0.00	0.00	0.013	0				0.07
130.500	0.00	0.00	0.013	0				0.07

130.583	0.00	0.00	0.013	0				0.07
130.667	0.00	0.00	0.013	0				0.07
130.750	0.00	0.00	0.013	0				0.07
130.833	0.00	0.00	0.013	0				0.07
130.917	0.00	0.00	0.013	0				0.07
131.000	0.00	0.00	0.013	0				0.07
131.083	0.00	0.00	0.013	0				0.07
131.167	0.00	0.00	0.013	0				0.07
131.250	0.00	0.00	0.013	0				0.07
131.333	0.00	0.00	0.013	0				0.07
131.417	0.00	0.00	0.013	0				0.07
131.500	0.00	0.00	0.013	0				0.07
131.583	0.00	0.00	0.012	0				0.07
131.667	0.00	0.00	0.012	0				0.07
131.750	0.00	0.00	0.012	0				0.07
131.833	0.00	0.00	0.012	0				0.07
131.917	0.00	0.00	0.012	0				0.07
132.000	0.00	0.00	0.012	0				0.07
132.083	0.00	0.00	0.012	0				0.07
132.167	0.00	0.00	0.012	0				0.07
132.250	0.00	0.00	0.012	0				0.07
132.333	0.00	0.00	0.012	0				0.07
132.417	0.00	0.00	0.012	0				0.07
132.500	0.00	0.00	0.012	0				0.07
132.583	0.00	0.00	0.012	0				0.07
132.667	0.00	0.00	0.012	0				0.07
132.750	0.00	0.00	0.012	0				0.07
132.833	0.00	0.00	0.012	0				0.07
132.917	0.00	0.00	0.012	0				0.07
133.000	0.00	0.00	0.012	0				0.07
133.083	0.00	0.00	0.012	0				0.07
133.167	0.00	0.00	0.012	0				0.07
133.250	0.00	0.00	0.012	0				0.07
133.333	0.00	0.00	0.012	0				0.07
133.417	0.00	0.00	0.012	0				0.07
133.500	0.00	0.00	0.012	0				0.07
133.583	0.00	0.00	0.012	0				0.07
133.667	0.00	0.00	0.012	0				0.07
133.750	0.00	0.00	0.012	0				0.07
133.833	0.00	0.00	0.012	0				0.07
133.917	0.00	0.00	0.012	0				0.07
134.000	0.00	0.00	0.012	0				0.07
134.083	0.00	0.00	0.012	0				0.07
134.167	0.00	0.00	0.012	0				0.07
134.250	0.00	0.00	0.012	0				0.07
134.333	0.00	0.00	0.012	0				0.07
134.417	0.00	0.00	0.012	0				0.07
134.500	0.00	0.00	0.012	0				0.07
134.583	0.00	0.00	0.012	0				0.07
134.667	0.00	0.00	0.012	0				0.07
134.750	0.00	0.00	0.012	0				0.07
134.833	0.00	0.00	0.012	0				0.07
134.917	0.00	0.00	0.012	0				0.07
135.000	0.00	0.00	0.012	0				0.07
135.083	0.00	0.00	0.012	0				0.07
135.167	0.00	0.00	0.012	0				0.06
135.250	0.00	0.00	0.012	0				0.06
135.333	0.00	0.00	0.012	0				0.06
135.417	0.00	0.00	0.012	0				0.06
135.500	0.00	0.00	0.012	0				0.06
135.583	0.00	0.00	0.012	0				0.06
135.667	0.00	0.00	0.012	0				0.06
135.750	0.00	0.00	0.012	0				0.06
135.833	0.00	0.00	0.012	0				0.06
135.917	0.00	0.00	0.012	0				0.06
136.000	0.00	0.00	0.012	0				0.06
136.083	0.00	0.00	0.011	0				0.06
136.167	0.00	0.00	0.011	0				0.06
136.250	0.00	0.00	0.011	0				0.06
136.333	0.00	0.00	0.011	0				0.06
136.417	0.00	0.00	0.011	0				0.06

136.500	0.00	0.00	0.011	0				0.06
136.583	0.00	0.00	0.011	0				0.06
136.667	0.00	0.00	0.011	0				0.06
136.750	0.00	0.00	0.011	0				0.06
136.833	0.00	0.00	0.011	0				0.06
136.917	0.00	0.00	0.011	0				0.06
137.000	0.00	0.00	0.011	0				0.06
137.083	0.00	0.00	0.011	0				0.06
137.167	0.00	0.00	0.011	0				0.06
137.250	0.00	0.00	0.011	0				0.06
137.333	0.00	0.00	0.011	0				0.06
137.417	0.00	0.00	0.011	0				0.06
137.500	0.00	0.00	0.011	0				0.06
137.583	0.00	0.00	0.011	0				0.06
137.667	0.00	0.00	0.011	0				0.06
137.750	0.00	0.00	0.011	0				0.06
137.833	0.00	0.00	0.011	0				0.06
137.917	0.00	0.00	0.011	0				0.06
138.000	0.00	0.00	0.011	0				0.06
138.083	0.00	0.00	0.011	0				0.06
138.167	0.00	0.00	0.011	0				0.06
138.250	0.00	0.00	0.011	0				0.06
138.333	0.00	0.00	0.011	0				0.06
138.417	0.00	0.00	0.011	0				0.06
138.500	0.00	0.00	0.011	0				0.06
138.583	0.00	0.00	0.011	0				0.06
138.667	0.00	0.00	0.011	0				0.06
138.750	0.00	0.00	0.011	0				0.06
138.833	0.00	0.00	0.011	0				0.06
138.917	0.00	0.00	0.011	0				0.06
139.000	0.00	0.00	0.011	0				0.06
139.083	0.00	0.00	0.011	0				0.06
139.167	0.00	0.00	0.011	0				0.06
139.250	0.00	0.00	0.011	0				0.06
139.333	0.00	0.00	0.011	0				0.06
139.417	0.00	0.00	0.011	0				0.06
139.500	0.00	0.00	0.011	0				0.06
139.583	0.00	0.00	0.011	0				0.06
139.667	0.00	0.00	0.011	0				0.06
139.750	0.00	0.00	0.011	0				0.06
139.833	0.00	0.00	0.011	0				0.06
139.917	0.00	0.00	0.011	0				0.06
140.000	0.00	0.00	0.011	0				0.06
140.083	0.00	0.00	0.011	0				0.06
140.167	0.00	0.00	0.011	0				0.06
140.250	0.00	0.00	0.011	0				0.06
140.333	0.00	0.00	0.011	0				0.06
140.417	0.00	0.00	0.011	0				0.06
140.500	0.00	0.00	0.011	0				0.06
140.583	0.00	0.00	0.011	0				0.06
140.667	0.00	0.00	0.011	0				0.06
140.750	0.00	0.00	0.011	0				0.06
140.833	0.00	0.00	0.011	0				0.06
140.917	0.00	0.00	0.011	0				0.06
141.000	0.00	0.00	0.011	0				0.06
141.083	0.00	0.00	0.010	0				0.06
141.167	0.00	0.00	0.010	0				0.06
141.250	0.00	0.00	0.010	0				0.06
141.333	0.00	0.00	0.010	0				0.06
141.417	0.00	0.00	0.010	0				0.06
141.500	0.00	0.00	0.010	0				0.06
141.583	0.00	0.00	0.010	0				0.06
141.667	0.00	0.00	0.010	0				0.06
141.750	0.00	0.00	0.010	0				0.06
141.833	0.00	0.00	0.010	0				0.06
141.917	0.00	0.00	0.010	0				0.06
142.000	0.00	0.00	0.010	0				0.06
142.083	0.00	0.00	0.010	0				0.06
142.167	0.00	0.00	0.010	0				0.06
142.250	0.00	0.00	0.010	0				0.06
142.333	0.00	0.00	0.010	0				0.06

142.417	0.00	0.00	0.010	0					0.06
142.500	0.00	0.00	0.010	0					0.06
142.583	0.00	0.00	0.010	0					0.06
142.667	0.00	0.00	0.010	0					0.06
142.750	0.00	0.00	0.010	0					0.06
142.833	0.00	0.00	0.010	0					0.06
142.917	0.00	0.00	0.010	0					0.06
143.000	0.00	0.00	0.010	0					0.06
143.083	0.00	0.00	0.010	0					0.06
143.167	0.00	0.00	0.010	0					0.06
143.250	0.00	0.00	0.010	0					0.06
143.333	0.00	0.00	0.010	0					0.06
143.417	0.00	0.00	0.010	0					0.06
143.500	0.00	0.00	0.010	0					0.06
143.583	0.00	0.00	0.010	0					0.06
143.667	0.00	0.00	0.010	0					0.06
143.750	0.00	0.00	0.010	0					0.06
143.833	0.00	0.00	0.010	0					0.06
143.917	0.00	0.00	0.010	0					0.06
144.000	0.00	0.00	0.010	0					0.06
144.083	0.00	0.00	0.010	0					0.06
144.167	0.00	0.00	0.010	0					0.06
144.250	0.00	0.00	0.010	0					0.05
144.333	0.00	0.00	0.010	0					0.05
144.417	0.00	0.00	0.010	0					0.05
144.500	0.00	0.00	0.010	0					0.05
144.583	0.00	0.00	0.010	0					0.05
144.667	0.00	0.00	0.010	0					0.05
144.750	0.00	0.00	0.010	0					0.05
144.833	0.00	0.00	0.010	0					0.05
144.917	0.00	0.00	0.010	0					0.05
145.000	0.00	0.00	0.010	0					0.05
145.083	0.00	0.00	0.010	0					0.05
145.167	0.00	0.00	0.010	0					0.05
145.250	0.00	0.00	0.010	0					0.05
145.333	0.00	0.00	0.010	0					0.05
145.417	0.00	0.00	0.010	0					0.05
145.500	0.00	0.00	0.010	0					0.05
145.583	0.00	0.00	0.010	0					0.05
145.667	0.00	0.00	0.010	0					0.05
145.750	0.00	0.00	0.010	0					0.05
145.833	0.00	0.00	0.010	0					0.05
145.917	0.00	0.00	0.010	0					0.05
146.000	0.00	0.00	0.010	0					0.05
146.083	0.00	0.00	0.010	0					0.05
146.167	0.00	0.00	0.010	0					0.05
146.250	0.00	0.00	0.010	0					0.05
146.333	0.00	0.00	0.010	0					0.05
146.417	0.00	0.00	0.010	0					0.05
146.500	0.00	0.00	0.009	0					0.05
146.583	0.00	0.00	0.009	0					0.05
146.667	0.00	0.00	0.009	0					0.05
146.750	0.00	0.00	0.009	0					0.05
146.833	0.00	0.00	0.009	0					0.05
146.917	0.00	0.00	0.009	0					0.05
147.000	0.00	0.00	0.009	0					0.05
147.083	0.00	0.00	0.009	0					0.05
147.167	0.00	0.00	0.009	0					0.05
147.250	0.00	0.00	0.009	0					0.05
147.333	0.00	0.00	0.009	0					0.05
147.417	0.00	0.00	0.009	0					0.05
147.500	0.00	0.00	0.009	0					0.05
147.583	0.00	0.00	0.009	0					0.05
147.667	0.00	0.00	0.009	0					0.05
147.750	0.00	0.00	0.009	0					0.05
147.833	0.00	0.00	0.009	0					0.05
147.917	0.00	0.00	0.009	0					0.05
148.000	0.00	0.00	0.009	0					0.05
148.083	0.00	0.00	0.009	0					0.05
148.167	0.00	0.00	0.009	0					0.05
148.250	0.00	0.00	0.009	0					0.05

148.333	0.00	0.00	0.009	0				0.05
148.417	0.00	0.00	0.009	0				0.05
148.500	0.00	0.00	0.009	0				0.05
148.583	0.00	0.00	0.009	0				0.05
148.667	0.00	0.00	0.009	0				0.05
148.750	0.00	0.00	0.009	0				0.05
148.833	0.00	0.00	0.009	0				0.05
148.917	0.00	0.00	0.009	0				0.05
149.000	0.00	0.00	0.009	0				0.05
149.083	0.00	0.00	0.009	0				0.05
149.167	0.00	0.00	0.009	0				0.05
149.250	0.00	0.00	0.009	0				0.05
149.333	0.00	0.00	0.009	0				0.05
149.417	0.00	0.00	0.009	0				0.05
149.500	0.00	0.00	0.009	0				0.05
149.583	0.00	0.00	0.009	0				0.05
149.667	0.00	0.00	0.009	0				0.05
149.750	0.00	0.00	0.009	0				0.05
149.833	0.00	0.00	0.009	0				0.05
149.917	0.00	0.00	0.009	0				0.05
150.000	0.00	0.00	0.009	0				0.05
150.083	0.00	0.00	0.009	0				0.05
150.167	0.00	0.00	0.009	0				0.05
150.250	0.00	0.00	0.009	0				0.05
150.333	0.00	0.00	0.009	0				0.05
150.417	0.00	0.00	0.009	0				0.05
150.500	0.00	0.00	0.009	0				0.05
150.583	0.00	0.00	0.009	0				0.05
150.667	0.00	0.00	0.009	0				0.05
150.750	0.00	0.00	0.009	0				0.05
150.833	0.00	0.00	0.009	0				0.05
150.917	0.00	0.00	0.009	0				0.05
151.000	0.00	0.00	0.009	0				0.05
151.083	0.00	0.00	0.009	0				0.05
151.167	0.00	0.00	0.009	0				0.05
151.250	0.00	0.00	0.009	0				0.05
151.333	0.00	0.00	0.009	0				0.05
151.417	0.00	0.00	0.009	0				0.05
151.500	0.00	0.00	0.009	0				0.05
151.583	0.00	0.00	0.009	0				0.05
151.667	0.00	0.00	0.009	0				0.05
151.750	0.00	0.00	0.009	0				0.05
151.833	0.00	0.00	0.009	0				0.05
151.917	0.00	0.00	0.009	0				0.05
152.000	0.00	0.00	0.009	0				0.05
152.083	0.00	0.00	0.009	0				0.05
152.167	0.00	0.00	0.009	0				0.05
152.250	0.00	0.00	0.009	0				0.05
152.333	0.00	0.00	0.009	0				0.05
152.417	0.00	0.00	0.009	0				0.05
152.500	0.00	0.00	0.009	0				0.05
152.583	0.00	0.00	0.008	0				0.05
152.667	0.00	0.00	0.008	0				0.05
152.750	0.00	0.00	0.008	0				0.05
152.833	0.00	0.00	0.008	0				0.05
152.917	0.00	0.00	0.008	0				0.05
153.000	0.00	0.00	0.008	0				0.05
153.083	0.00	0.00	0.008	0				0.05
153.167	0.00	0.00	0.008	0				0.05
153.250	0.00	0.00	0.008	0				0.05
153.333	0.00	0.00	0.008	0				0.05
153.417	0.00	0.00	0.008	0				0.05
153.500	0.00	0.00	0.008	0				0.05
153.583	0.00	0.00	0.008	0				0.05
153.667	0.00	0.00	0.008	0				0.05
153.750	0.00	0.00	0.008	0				0.05
153.833	0.00	0.00	0.008	0				0.05
153.917	0.00	0.00	0.008	0				0.05
154.000	0.00	0.00	0.008	0				0.05
154.083	0.00	0.00	0.008	0				0.05
154.167	0.00	0.00	0.008	0				0.05

154.250	0.00	0.00	0.008	0					0.05
154.333	0.00	0.00	0.008	0					0.05
154.417	0.00	0.00	0.008	0					0.05
154.500	0.00	0.00	0.008	0					0.05
154.583	0.00	0.00	0.008	0					0.05
154.667	0.00	0.00	0.008	0					0.05
154.750	0.00	0.00	0.008	0					0.05
154.833	0.00	0.00	0.008	0					0.05
154.917	0.00	0.00	0.008	0					0.05
155.000	0.00	0.00	0.008	0					0.05
155.083	0.00	0.00	0.008	0					0.05
155.167	0.00	0.00	0.008	0					0.04
155.250	0.00	0.00	0.008	0					0.04
155.333	0.00	0.00	0.008	0					0.04
155.417	0.00	0.00	0.008	0					0.04
155.500	0.00	0.00	0.008	0					0.04
155.583	0.00	0.00	0.008	0					0.04
155.667	0.00	0.00	0.008	0					0.04
155.750	0.00	0.00	0.008	0					0.04
155.833	0.00	0.00	0.008	0					0.04
155.917	0.00	0.00	0.008	0					0.04
156.000	0.00	0.00	0.008	0					0.04
156.083	0.00	0.00	0.008	0					0.04
156.167	0.00	0.00	0.008	0					0.04
156.250	0.00	0.00	0.008	0					0.04
156.333	0.00	0.00	0.008	0					0.04
156.417	0.00	0.00	0.008	0					0.04
156.500	0.00	0.00	0.008	0					0.04
156.583	0.00	0.00	0.008	0					0.04
156.667	0.00	0.00	0.008	0					0.04
156.750	0.00	0.00	0.008	0					0.04
156.833	0.00	0.00	0.008	0					0.04
156.917	0.00	0.00	0.008	0					0.04
157.000	0.00	0.00	0.008	0					0.04
157.083	0.00	0.00	0.008	0					0.04
157.167	0.00	0.00	0.008	0					0.04
157.250	0.00	0.00	0.008	0					0.04
157.333	0.00	0.00	0.008	0					0.04
157.417	0.00	0.00	0.008	0					0.04
157.500	0.00	0.00	0.008	0					0.04
157.583	0.00	0.00	0.008	0					0.04
157.667	0.00	0.00	0.008	0					0.04
157.750	0.00	0.00	0.008	0					0.04
157.833	0.00	0.00	0.008	0					0.04
157.917	0.00	0.00	0.008	0					0.04
158.000	0.00	0.00	0.008	0					0.04
158.083	0.00	0.00	0.008	0					0.04
158.167	0.00	0.00	0.008	0					0.04
158.250	0.00	0.00	0.008	0					0.04
158.333	0.00	0.00	0.008	0					0.04
158.417	0.00	0.00	0.008	0					0.04
158.500	0.00	0.00	0.008	0					0.04
158.583	0.00	0.00	0.008	0					0.04
158.667	0.00	0.00	0.008	0					0.04
158.750	0.00	0.00	0.008	0					0.04
158.833	0.00	0.00	0.008	0					0.04
158.917	0.00	0.00	0.008	0					0.04
159.000	0.00	0.00	0.008	0					0.04
159.083	0.00	0.00	0.008	0					0.04
159.167	0.00	0.00	0.008	0					0.04
159.250	0.00	0.00	0.008	0					0.04
159.333	0.00	0.00	0.008	0					0.04
159.417	0.00	0.00	0.007	0					0.04
159.500	0.00	0.00	0.007	0					0.04
159.583	0.00	0.00	0.007	0					0.04
159.667	0.00	0.00	0.007	0					0.04
159.750	0.00	0.00	0.007	0					0.04
159.833	0.00	0.00	0.007	0					0.04
159.917	0.00	0.00	0.007	0					0.04
160.000	0.00	0.00	0.007	0					0.04
160.083	0.00	0.00	0.007	0					0.04

160.167	0.00	0.00	0.007	0				0.04
160.250	0.00	0.00	0.007	0				0.04
160.333	0.00	0.00	0.007	0				0.04
160.417	0.00	0.00	0.007	0				0.04
160.500	0.00	0.00	0.007	0				0.04
160.583	0.00	0.00	0.007	0				0.04
160.667	0.00	0.00	0.007	0				0.04
160.750	0.00	0.00	0.007	0				0.04
160.833	0.00	0.00	0.007	0				0.04
160.917	0.00	0.00	0.007	0				0.04
161.000	0.00	0.00	0.007	0				0.04
161.083	0.00	0.00	0.007	0				0.04
161.167	0.00	0.00	0.007	0				0.04
161.250	0.00	0.00	0.007	0				0.04
161.333	0.00	0.00	0.007	0				0.04
161.417	0.00	0.00	0.007	0				0.04
161.500	0.00	0.00	0.007	0				0.04
161.583	0.00	0.00	0.007	0				0.04
161.667	0.00	0.00	0.007	0				0.04
161.750	0.00	0.00	0.007	0				0.04
161.833	0.00	0.00	0.007	0				0.04
161.917	0.00	0.00	0.007	0				0.04
162.000	0.00	0.00	0.007	0				0.04
162.083	0.00	0.00	0.007	0				0.04
162.167	0.00	0.00	0.007	0				0.04
162.250	0.00	0.00	0.007	0				0.04
162.333	0.00	0.00	0.007	0				0.04
162.417	0.00	0.00	0.007	0				0.04
162.500	0.00	0.00	0.007	0				0.04
162.583	0.00	0.00	0.007	0				0.04
162.667	0.00	0.00	0.007	0				0.04
162.750	0.00	0.00	0.007	0				0.04
162.833	0.00	0.00	0.007	0				0.04
162.917	0.00	0.00	0.007	0				0.04
163.000	0.00	0.00	0.007	0				0.04
163.083	0.00	0.00	0.007	0				0.04
163.167	0.00	0.00	0.007	0				0.04
163.250	0.00	0.00	0.007	0				0.04
163.333	0.00	0.00	0.007	0				0.04
163.417	0.00	0.00	0.007	0				0.04
163.500	0.00	0.00	0.007	0				0.04
163.583	0.00	0.00	0.007	0				0.04
163.667	0.00	0.00	0.007	0				0.04
163.750	0.00	0.00	0.007	0				0.04
163.833	0.00	0.00	0.007	0				0.04
163.917	0.00	0.00	0.007	0				0.04
164.000	0.00	0.00	0.007	0				0.04
164.083	0.00	0.00	0.007	0				0.04
164.167	0.00	0.00	0.007	0				0.04
164.250	0.00	0.00	0.007	0				0.04
164.333	0.00	0.00	0.007	0				0.04
164.417	0.00	0.00	0.007	0				0.04
164.500	0.00	0.00	0.007	0				0.04
164.583	0.00	0.00	0.007	0				0.04
164.667	0.00	0.00	0.007	0				0.04
164.750	0.00	0.00	0.007	0				0.04
164.833	0.00	0.00	0.007	0				0.04
164.917	0.00	0.00	0.007	0				0.04
165.000	0.00	0.00	0.007	0				0.04
165.083	0.00	0.00	0.007	0				0.04
165.167	0.00	0.00	0.007	0				0.04
165.250	0.00	0.00	0.007	0				0.04
165.333	0.00	0.00	0.007	0				0.04
165.417	0.00	0.00	0.007	0				0.04
165.500	0.00	0.00	0.007	0				0.04
165.583	0.00	0.00	0.007	0				0.04
165.667	0.00	0.00	0.007	0				0.04
165.750	0.00	0.00	0.007	0				0.04
165.833	0.00	0.00	0.007	0				0.04
165.917	0.00	0.00	0.007	0				0.04
166.000	0.00	0.00	0.007	0				0.04

166.083	0.00	0.00	0.007	0				0.04
166.167	0.00	0.00	0.007	0				0.04
166.250	0.00	0.00	0.007	0				0.04
166.333	0.00	0.00	0.007	0				0.04
166.417	0.00	0.00	0.007	0				0.04
166.500	0.00	0.00	0.007	0				0.04
166.583	0.00	0.00	0.007	0				0.04
166.667	0.00	0.00	0.007	0				0.04
166.750	0.00	0.00	0.007	0				0.04
166.833	0.00	0.00	0.007	0				0.04
166.917	0.00	0.00	0.007	0				0.04
167.000	0.00	0.00	0.007	0				0.04
167.083	0.00	0.00	0.007	0				0.04
167.167	0.00	0.00	0.006	0				0.04
167.250	0.00	0.00	0.006	0				0.04
167.333	0.00	0.00	0.006	0				0.04
167.417	0.00	0.00	0.006	0				0.04
167.500	0.00	0.00	0.006	0				0.04
167.583	0.00	0.00	0.006	0				0.04
167.667	0.00	0.00	0.006	0				0.04
167.750	0.00	0.00	0.006	0				0.04
167.833	0.00	0.00	0.006	0				0.04
167.917	0.00	0.00	0.006	0				0.04
168.000	0.00	0.00	0.006	0				0.04
168.083	0.00	0.00	0.006	0				0.04
168.167	0.00	0.00	0.006	0				0.04
168.250	0.00	0.00	0.006	0				0.04
168.333	0.00	0.00	0.006	0				0.04
168.417	0.00	0.00	0.006	0				0.04
168.500	0.00	0.00	0.006	0				0.04
168.583	0.00	0.00	0.006	0				0.04
168.667	0.00	0.00	0.006	0				0.04
168.750	0.00	0.00	0.006	0				0.04
168.833	0.00	0.00	0.006	0				0.04
168.917	0.00	0.00	0.006	0				0.03
169.000	0.00	0.00	0.006	0				0.03
169.083	0.00	0.00	0.006	0				0.03
169.167	0.00	0.00	0.006	0				0.03
169.250	0.00	0.00	0.006	0				0.03
169.333	0.00	0.00	0.006	0				0.03
169.417	0.00	0.00	0.006	0				0.03
169.500	0.00	0.00	0.006	0				0.03
169.583	0.00	0.00	0.006	0				0.03
169.667	0.00	0.00	0.006	0				0.03
169.750	0.00	0.00	0.006	0				0.03
169.833	0.00	0.00	0.006	0				0.03
169.917	0.00	0.00	0.006	0				0.03
170.000	0.00	0.00	0.006	0				0.03
170.083	0.00	0.00	0.006	0				0.03
170.167	0.00	0.00	0.006	0				0.03
170.250	0.00	0.00	0.006	0				0.03
170.333	0.00	0.00	0.006	0				0.03
170.417	0.00	0.00	0.006	0				0.03
170.500	0.00	0.00	0.006	0				0.03
170.583	0.00	0.00	0.006	0				0.03
170.667	0.00	0.00	0.006	0				0.03
170.750	0.00	0.00	0.006	0				0.03
170.833	0.00	0.00	0.006	0				0.03
170.917	0.00	0.00	0.006	0				0.03
171.000	0.00	0.00	0.006	0				0.03
171.083	0.00	0.00	0.006	0				0.03
171.167	0.00	0.00	0.006	0				0.03
171.250	0.00	0.00	0.006	0				0.03
171.333	0.00	0.00	0.006	0				0.03
171.417	0.00	0.00	0.006	0				0.03
171.500	0.00	0.00	0.006	0				0.03
171.583	0.00	0.00	0.006	0				0.03
171.667	0.00	0.00	0.006	0				0.03
171.750	0.00	0.00	0.006	0				0.03
171.833	0.00	0.00	0.006	0				0.03
171.917	0.00	0.00	0.006	0				0.03

172.000	0.00	0.00	0.006	0					0.03
172.083	0.00	0.00	0.006	0					0.03
172.167	0.00	0.00	0.006	0					0.03
172.250	0.00	0.00	0.006	0					0.03
172.333	0.00	0.00	0.006	0					0.03
172.417	0.00	0.00	0.006	0					0.03
172.500	0.00	0.00	0.006	0					0.03
172.583	0.00	0.00	0.006	0					0.03
172.667	0.00	0.00	0.006	0					0.03
172.750	0.00	0.00	0.006	0					0.03
172.833	0.00	0.00	0.006	0					0.03
172.917	0.00	0.00	0.006	0					0.03
173.000	0.00	0.00	0.006	0					0.03
173.083	0.00	0.00	0.006	0					0.03
173.167	0.00	0.00	0.006	0					0.03
173.250	0.00	0.00	0.006	0					0.03
173.333	0.00	0.00	0.006	0					0.03
173.417	0.00	0.00	0.006	0					0.03
173.500	0.00	0.00	0.006	0					0.03
173.583	0.00	0.00	0.006	0					0.03
173.667	0.00	0.00	0.006	0					0.03
173.750	0.00	0.00	0.006	0					0.03
173.833	0.00	0.00	0.006	0					0.03
173.917	0.00	0.00	0.006	0					0.03
174.000	0.00	0.00	0.006	0					0.03
174.083	0.00	0.00	0.006	0					0.03
174.167	0.00	0.00	0.006	0					0.03
174.250	0.00	0.00	0.006	0					0.03
174.333	0.00	0.00	0.006	0					0.03
174.417	0.00	0.00	0.006	0					0.03
174.500	0.00	0.00	0.006	0					0.03
174.583	0.00	0.00	0.006	0					0.03
174.667	0.00	0.00	0.006	0					0.03
174.750	0.00	0.00	0.006	0					0.03
174.833	0.00	0.00	0.006	0					0.03
174.917	0.00	0.00	0.006	0					0.03
175.000	0.00	0.00	0.006	0					0.03
175.083	0.00	0.00	0.006	0					0.03
175.167	0.00	0.00	0.006	0					0.03
175.250	0.00	0.00	0.006	0					0.03
175.333	0.00	0.00	0.006	0					0.03
175.417	0.00	0.00	0.006	0					0.03
175.500	0.00	0.00	0.006	0					0.03
175.583	0.00	0.00	0.006	0					0.03
175.667	0.00	0.00	0.006	0					0.03
175.750	0.00	0.00	0.006	0					0.03
175.833	0.00	0.00	0.006	0					0.03
175.917	0.00	0.00	0.006	0					0.03
176.000	0.00	0.00	0.006	0					0.03
176.083	0.00	0.00	0.006	0					0.03
176.167	0.00	0.00	0.006	0					0.03
176.250	0.00	0.00	0.005	0					0.03
176.333	0.00	0.00	0.005	0					0.03
176.417	0.00	0.00	0.005	0					0.03
176.500	0.00	0.00	0.005	0					0.03
176.583	0.00	0.00	0.005	0					0.03
176.667	0.00	0.00	0.005	0					0.03
176.750	0.00	0.00	0.005	0					0.03
176.833	0.00	0.00	0.005	0					0.03
176.917	0.00	0.00	0.005	0					0.03
177.000	0.00	0.00	0.005	0					0.03
177.083	0.00	0.00	0.005	0					0.03
177.167	0.00	0.00	0.005	0					0.03
177.250	0.00	0.00	0.005	0					0.03
177.333	0.00	0.00	0.005	0					0.03
177.417	0.00	0.00	0.005	0					0.03
177.500	0.00	0.00	0.005	0					0.03
177.583	0.00	0.00	0.005	0					0.03
177.667	0.00	0.00	0.005	0					0.03
177.750	0.00	0.00	0.005	0					0.03
177.833	0.00	0.00	0.005	0					0.03

183.833	0.00	0.00	0.005	0					0.03
183.917	0.00	0.00	0.005	0					0.03
184.000	0.00	0.00	0.005	0					0.03
184.083	0.00	0.00	0.005	0					0.03
184.167	0.00	0.00	0.005	0					0.03
184.250	0.00	0.00	0.005	0					0.03
184.333	0.00	0.00	0.005	0					0.03
184.417	0.00	0.00	0.005	0					0.03
184.500	0.00	0.00	0.005	0					0.03
184.583	0.00	0.00	0.005	0					0.03
184.667	0.00	0.00	0.005	0					0.03
184.750	0.00	0.00	0.005	0					0.03
184.833	0.00	0.00	0.005	0					0.03
184.917	0.00	0.00	0.005	0					0.03
185.000	0.00	0.00	0.005	0					0.03
185.083	0.00	0.00	0.005	0					0.03
185.167	0.00	0.00	0.005	0					0.03
185.250	0.00	0.00	0.005	0					0.03
185.333	0.00	0.00	0.005	0					0.03
185.417	0.00	0.00	0.005	0					0.03
185.500	0.00	0.00	0.005	0					0.03
185.583	0.00	0.00	0.005	0					0.03
185.667	0.00	0.00	0.005	0					0.03
185.750	0.00	0.00	0.005	0					0.03
185.833	0.00	0.00	0.005	0					0.03
185.917	0.00	0.00	0.005	0					0.03
186.000	0.00	0.00	0.005	0					0.03
186.083	0.00	0.00	0.005	0					0.03
186.167	0.00	0.00	0.005	0					0.03
186.250	0.00	0.00	0.005	0					0.03
186.333	0.00	0.00	0.005	0					0.03
186.417	0.00	0.00	0.005	0					0.03
186.500	0.00	0.00	0.005	0					0.03
186.583	0.00	0.00	0.005	0					0.03
186.667	0.00	0.00	0.005	0					0.03
186.750	0.00	0.00	0.005	0					0.03
186.833	0.00	0.00	0.005	0					0.03
186.917	0.00	0.00	0.005	0					0.03
187.000	0.00	0.00	0.005	0					0.03
187.083	0.00	0.00	0.005	0					0.03
187.167	0.00	0.00	0.004	0					0.02

*****HYDROGRAPH DATA*****
 Number of intervals = 2246
 Time interval = 5.0 (Min.)
 Maximum/Peak flow rate = 0.490 (CFS)
 Total volume = 0.264 (Ac.Ft)
 Status of hydrographs being held in storage
 Stream 1 Stream 2 Stream 3 Stream 4 Stream 5
 Peak (CFS) 0.000 0.000 0.000 0.000 0.000
 Vol (Ac.Ft) 0.000 0.000 0.000 0.000 0.000

MENIFEE STAXUP STORAGE EXTENSION
 PRELIMINARY DRAINAGE STUDY
 BASIN B ROUTING MODEL
 2-YEAR; 1-HOUR

Program License Serial Number 6545

***** HYDROGRAPH INFORMATION *****

From study/file name: D212.rte
 *****HYDROGRAPH DATA*****
 Number of intervals = 14
 Time interval = 5.0 (Min.)
 Maximum/Peak flow rate = 0.223 (CFS)
 Total volume = 0.006 (Ac.Ft)
 Status of hydrographs being held in storage
 Stream 1 Stream 2 Stream 3 Stream 4 Stream 5
 Peak (CFS) 0.000 0.000 0.000 0.000 0.000
 Vol (Ac.Ft) 0.000 0.000 0.000 0.000 0.000

+++++
 Process from Point/Station 1.000 to Point/Station 2.000
 **** RETARDING BASIN ROUTING ****

User entry of depth-outflow-storage data

Total number of inflow hydrograph intervals = 14
 Hydrograph time unit = 5.000 (Min.)
 Initial depth in storage basin = 0.30(Ft.)

Initial basin depth = 0.30 (Ft.)
 Initial basin storage = 0.01 (Ac.Ft)
 Initial basin outflow = 0.02 (CFS)

Depth vs. Storage and Depth vs. Discharge data:

Basin Depth (Ft.)	Storage (Ac.Ft)	Outflow (CFS)	(S-O*dt/2) (Ac.Ft)	(S+O*dt/2) (Ac.Ft)
0.000	0.000	0.000	0.000	0.000
0.500	0.011	0.030	0.011	0.011
1.000	0.021	7.450	-0.005	0.047

Hydrograph Detention Basin Routing

Graph values: 'I'= unit inflow; 'O'=outflow at time shown

Time (Hours)	Inflow (CFS)	Outflow (CFS)	Storage (Ac.Ft)	.0	0.1	0.11	0.17	0.22	Depth (Ft.)
0.083	0.02	0.02	0.006	O					0.29
0.167	0.03	0.02	0.007	O I					0.30
0.250	0.04	0.02	0.007	O I					0.30
0.333	0.04	0.02	0.007	O I					0.31

0.417	0.04	0.02	0.007		O	I					0.32
0.500	0.05	0.02	0.007		O	I					0.32
0.583	0.05	0.02	0.007		O	I					0.33
0.667	0.07	0.02	0.008		O			I			0.35
0.750	0.09	0.02	0.008		O			I			0.36
0.833	0.22	0.02	0.009		O					I	0.41
0.917	0.14	0.03	0.010		O				I		0.46
1.000	0.05	0.03	0.010		O	I					0.48
1.083	0.01	0.03	0.010		I	O					0.48
1.167	0.00	0.03	0.010		I	O					0.47
1.250	0.00	0.03	0.010		I	O					0.46
1.333	0.00	0.03	0.010		I	O					0.45
1.417	0.00	0.03	0.010		I	O					0.44
1.500	0.00	0.03	0.010		I	O					0.44
1.583	0.00	0.03	0.009		I	O					0.43
1.667	0.00	0.03	0.009		I	O					0.42
1.750	0.00	0.02	0.009		I	O					0.41
1.833	0.00	0.02	0.009		I	O					0.40
1.917	0.00	0.02	0.009		I	O					0.40
2.000	0.00	0.02	0.009		I	O					0.39
2.083	0.00	0.02	0.008		I	O					0.38
2.167	0.00	0.02	0.008		I	O					0.37
2.250	0.00	0.02	0.008		I	O					0.37
2.333	0.00	0.02	0.008		I	O					0.36
2.417	0.00	0.02	0.008		I	O					0.35
2.500	0.00	0.02	0.008		I	O					0.35
2.583	0.00	0.02	0.008		I	O					0.34
2.667	0.00	0.02	0.007		I	O					0.33
2.750	0.00	0.02	0.007		I	O					0.33
2.833	0.00	0.02	0.007		I	O					0.32
2.917	0.00	0.02	0.007		I	O					0.32
3.000	0.00	0.02	0.007		I	O					0.31
3.083	0.00	0.02	0.007		I	O					0.30
3.167	0.00	0.02	0.007		I	O					0.30
3.250	0.00	0.02	0.006		I	O					0.29
3.333	0.00	0.02	0.006		I	O					0.29
3.417	0.00	0.02	0.006		I	O					0.28
3.500	0.00	0.02	0.006		I	O					0.28
3.583	0.00	0.02	0.006		I	O					0.27
3.667	0.00	0.02	0.006		I	O					0.27
3.750	0.00	0.02	0.006		I	O					0.26
3.833	0.00	0.02	0.006		I	O					0.26
3.917	0.00	0.02	0.006		I	O					0.25
4.000	0.00	0.01	0.005		I	O					0.25
4.083	0.00	0.01	0.005		I	O					0.24
4.167	0.00	0.01	0.005		I	O					0.24
4.250	0.00	0.01	0.005		I	O					0.23
4.333	0.00	0.01	0.005		IO						0.23
4.417	0.00	0.01	0.005		IO						0.23
4.500	0.00	0.01	0.005		IO						0.22
4.583	0.00	0.01	0.005		IO						0.22
4.667	0.00	0.01	0.005		IO						0.21
4.750	0.00	0.01	0.005		IO						0.21
4.833	0.00	0.01	0.005		IO						0.21
4.917	0.00	0.01	0.004		IO						0.20
5.000	0.00	0.01	0.004		IO						0.20
5.083	0.00	0.01	0.004		IO						0.19
5.167	0.00	0.01	0.004		IO						0.19
5.250	0.00	0.01	0.004		IO						0.19
5.333	0.00	0.01	0.004		IO						0.18
5.417	0.00	0.01	0.004		IO						0.18
5.500	0.00	0.01	0.004		IO						0.18
5.583	0.00	0.01	0.004		IO						0.17
5.667	0.00	0.01	0.004		IO						0.17
5.750	0.00	0.01	0.004		IO						0.17
5.833	0.00	0.01	0.004		IO						0.16
5.917	0.00	0.01	0.004		IO						0.16
6.000	0.00	0.01	0.003		IO						0.16
6.083	0.00	0.01	0.003		IO						0.16
6.167	0.00	0.01	0.003		IO						0.15
6.250	0.00	0.01	0.003		IO						0.15

6.333	0.00	0.01	0.003	IO					0.15
6.417	0.00	0.01	0.003	IO					0.14
6.500	0.00	0.01	0.003	IO					0.14
6.583	0.00	0.01	0.003	IO					0.14
6.667	0.00	0.01	0.003	IO					0.14
6.750	0.00	0.01	0.003	IO					0.13
6.833	0.00	0.01	0.003	IO					0.13
6.917	0.00	0.01	0.003	IO					0.13
7.000	0.00	0.01	0.003	IO					0.13
7.083	0.00	0.01	0.003	IO					0.12
7.167	0.00	0.01	0.003	IO					0.12
7.250	0.00	0.01	0.003	IO					0.12
7.333	0.00	0.01	0.003	IO					0.12
7.417	0.00	0.01	0.003	o					0.11
7.500	0.00	0.01	0.002	o					0.11
7.583	0.00	0.01	0.002	o					0.11
7.667	0.00	0.01	0.002	o					0.11
7.750	0.00	0.01	0.002	o					0.11
7.833	0.00	0.01	0.002	o					0.10
7.917	0.00	0.01	0.002	o					0.10
8.000	0.00	0.01	0.002	o					0.10
8.083	0.00	0.01	0.002	o					0.10
8.167	0.00	0.01	0.002	o					0.10
8.250	0.00	0.01	0.002	o					0.10
8.333	0.00	0.01	0.002	o					0.09
8.417	0.00	0.01	0.002	o					0.09
8.500	0.00	0.01	0.002	o					0.09
8.583	0.00	0.01	0.002	o					0.09
8.667	0.00	0.01	0.002	o					0.09
8.750	0.00	0.01	0.002	o					0.09
8.833	0.00	0.01	0.002	o					0.08
8.917	0.00	0.00	0.002	o					0.08
9.000	0.00	0.00	0.002	o					0.08
9.083	0.00	0.00	0.002	o					0.08
9.167	0.00	0.00	0.002	o					0.08
9.250	0.00	0.00	0.002	o					0.08
9.333	0.00	0.00	0.002	o					0.07
9.417	0.00	0.00	0.002	o					0.07
9.500	0.00	0.00	0.002	o					0.07
9.583	0.00	0.00	0.002	o					0.07
9.667	0.00	0.00	0.002	o					0.07
9.750	0.00	0.00	0.001	o					0.07
9.833	0.00	0.00	0.001	o					0.07
9.917	0.00	0.00	0.001	o					0.07
10.000	0.00	0.00	0.001	o					0.06
10.083	0.00	0.00	0.001	o					0.06
10.167	0.00	0.00	0.001	o					0.06
10.250	0.00	0.00	0.001	o					0.06
10.333	0.00	0.00	0.001	o					0.06
10.417	0.00	0.00	0.001	o					0.06
10.500	0.00	0.00	0.001	o					0.06
10.583	0.00	0.00	0.001	o					0.06
10.667	0.00	0.00	0.001	o					0.06
10.750	0.00	0.00	0.001	o					0.05
10.833	0.00	0.00	0.001	o					0.05
10.917	0.00	0.00	0.001	o					0.05
11.000	0.00	0.00	0.001	o					0.05
11.083	0.00	0.00	0.001	o					0.05
11.167	0.00	0.00	0.001	o					0.05
11.250	0.00	0.00	0.001	o					0.05
11.333	0.00	0.00	0.001	o					0.05
11.417	0.00	0.00	0.001	o					0.05
11.500	0.00	0.00	0.001	o					0.05
11.583	0.00	0.00	0.001	o					0.04
11.667	0.00	0.00	0.001	o					0.04
11.750	0.00	0.00	0.001	o					0.04
11.833	0.00	0.00	0.001	o					0.04
11.917	0.00	0.00	0.001	o					0.04
12.000	0.00	0.00	0.001	o					0.04
12.083	0.00	0.00	0.001	o					0.04
12.167	0.00	0.00	0.001	o					0.04

12.250	0.00	0.00	0.001	0					0.04
12.333	0.00	0.00	0.001	0					0.04
12.417	0.00	0.00	0.001	0					0.04
12.500	0.00	0.00	0.001	0					0.04
12.583	0.00	0.00	0.001	0					0.04
12.667	0.00	0.00	0.001	0					0.04
12.750	0.00	0.00	0.001	0					0.03
12.833	0.00	0.00	0.001	0					0.03
12.917	0.00	0.00	0.001	0					0.03
13.000	0.00	0.00	0.001	0					0.03
13.083	0.00	0.00	0.001	0					0.03
13.167	0.00	0.00	0.001	0					0.03
13.250	0.00	0.00	0.001	0					0.03
13.333	0.00	0.00	0.001	0					0.03
13.417	0.00	0.00	0.001	0					0.03
13.500	0.00	0.00	0.001	0					0.03
13.583	0.00	0.00	0.001	0					0.03
13.667	0.00	0.00	0.001	0					0.03
13.750	0.00	0.00	0.001	0					0.03
13.833	0.00	0.00	0.001	0					0.03
13.917	0.00	0.00	0.001	0					0.03
14.000	0.00	0.00	0.001	0					0.03
14.083	0.00	0.00	0.001	0					0.03
14.167	0.00	0.00	0.001	0					0.03
14.250	0.00	0.00	0.001	0					0.02
14.333	0.00	0.00	0.001	0					0.02
14.417	0.00	0.00	0.001	0					0.02
14.500	0.00	0.00	0.001	0					0.02
14.583	0.00	0.00	0.001	0					0.02
14.667	0.00	0.00	0.000	0					0.02
14.750	0.00	0.00	0.000	0					0.02
14.833	0.00	0.00	0.000	0					0.02
14.917	0.00	0.00	0.000	0					0.02
15.000	0.00	0.00	0.000	0					0.02
15.083	0.00	0.00	0.000	0					0.02
15.167	0.00	0.00	0.000	0					0.02
15.250	0.00	0.00	0.000	0					0.02
15.333	0.00	0.00	0.000	0					0.02
15.417	0.00	0.00	0.000	0					0.02
15.500	0.00	0.00	0.000	0					0.02
15.583	0.00	0.00	0.000	0					0.02
15.667	0.00	0.00	0.000	0					0.02
15.750	0.00	0.00	0.000	0					0.02
15.833	0.00	0.00	0.000	0					0.02
15.917	0.00	0.00	0.000	0					0.02
16.000	0.00	0.00	0.000	0					0.02

*****HYDROGRAPH DATA*****

Number of intervals = 192

Time interval = 5.0 (Min.)

Maximum/Peak flow rate = 0.029 (CFS)

Total volume = 0.012 (Ac.Ft)

Status of hydrographs being held in storage

	Stream 1	Stream 2	Stream 3	Stream 4	Stream 5
Peak (CFS)	0.000	0.000	0.000	0.000	0.000
Vol (Ac.Ft)	0.000	0.000	0.000	0.000	0.000

MENIFEE STAXUP STORAGE EXTENSION
 PRELIMINARY DRAINAGE STUDY
 BASIN B ROUTING MODEL
 2-YEAR; 3-HOUR

Program License Serial Number 6545

***** HYDROGRAPH INFORMATION *****

From study/file name: D232.rte
 *****HYDROGRAPH DATA*****
 Number of intervals = 38
 Time interval = 5.0 (Min.)
 Maximum/Peak flow rate = 0.102 (CFS)
 Total volume = 0.009 (Ac.Ft)
 Status of hydrographs being held in storage
 Stream 1 Stream 2 Stream 3 Stream 4 Stream 5
 Peak (CFS) 0.000 0.000 0.000 0.000 0.000
 Vol (Ac.Ft) 0.000 0.000 0.000 0.000 0.000

+++++
 Process from Point/Station 1.000 to Point/Station 2.000
 **** RETARDING BASIN ROUTING ****

User entry of depth-outflow-storage data

Total number of inflow hydrograph intervals = 38
 Hydrograph time unit = 5.000 (Min.)
 Initial depth in storage basin = 0.30(Ft.)

Initial basin depth = 0.30 (Ft.)
 Initial basin storage = 0.01 (Ac.Ft)
 Initial basin outflow = 0.02 (CFS)

Depth vs. Storage and Depth vs. Discharge data:

Basin Depth (Ft.)	Storage (Ac.Ft)	Outflow (CFS)	(S-O*dt/2) (Ac.Ft)	(S+O*dt/2) (Ac.Ft)
0.000	0.000	0.000	0.000	0.000
0.500	0.011	0.030	0.011	0.011
1.000	0.021	7.450	-0.005	0.047

Hydrograph Detention Basin Routing

Graph values: 'I'= unit inflow; 'O'=outflow at time shown

Time (Hours)	Inflow (CFS)	Outflow (CFS)	Storage (Ac.Ft)	.0	0.0	0.05	0.08	0.10	Depth (Ft.)
0.083	0.01	0.02	0.006	I O					0.29
0.167	0.02	0.02	0.006	O					0.29
0.250	0.02	0.02	0.006	IO					0.29
0.333	0.02	0.02	0.006	O					0.29

0.417	0.02	0.02	0.006	O						0.29
0.500	0.02	0.02	0.006	OI						0.29
0.583	0.02	0.02	0.006	OI						0.29
0.667	0.02	0.02	0.006	OI						0.29
0.750	0.02	0.02	0.007	O I						0.30
0.833	0.02	0.02	0.007	OI						0.30
0.917	0.02	0.02	0.007	OI						0.30
1.000	0.02	0.02	0.007	OI						0.30
1.083	0.03	0.02	0.007	O I						0.30
1.167	0.03	0.02	0.007	O I						0.30
1.250	0.03	0.02	0.007	O I						0.31
1.333	0.03	0.02	0.007	O I						0.31
1.417	0.03	0.02	0.007	O I						0.31
1.500	0.03	0.02	0.007	O	I					0.32
1.583	0.03	0.02	0.007	O	I					0.32
1.667	0.03	0.02	0.007	O	I					0.33
1.750	0.04	0.02	0.007	O	I					0.33
1.833	0.04	0.02	0.007	O	I					0.34
1.917	0.04	0.02	0.008	O	I					0.34
2.000	0.04	0.02	0.008	O	I					0.35
2.083	0.04	0.02	0.008	O	I					0.35
2.167	0.05	0.02	0.008	O		I				0.36
2.250	0.06	0.02	0.008	O		I				0.37
2.333	0.05	0.02	0.008	O		I				0.38
2.417	0.07	0.02	0.009	O			I			0.39
2.500	0.09	0.02	0.009	O				I		0.41
2.583	0.10	0.03	0.010	O					I	0.44
2.667	0.09	0.03	0.010	O				I		0.46
2.750	0.04	0.03	0.010	O	I					0.47
2.833	0.03	0.03	0.010	IO						0.47
2.917	0.02	0.03	0.010	IO						0.47
3.000	0.01	0.03	0.010	I O						0.47
3.083	0.00	0.03	0.010	I O						0.46
3.167	0.00	0.03	0.010	I O						0.45
3.250	0.00	0.03	0.010	I O						0.44
3.333	0.00	0.03	0.010	I O						0.44
3.417	0.00	0.03	0.009	I O						0.43
3.500	0.00	0.03	0.009	I O						0.42
3.583	0.00	0.02	0.009	I O						0.41
3.667	0.00	0.02	0.009	I O						0.40
3.750	0.00	0.02	0.009	I O						0.40
3.833	0.00	0.02	0.009	I O						0.39
3.917	0.00	0.02	0.008	I O						0.38
4.000	0.00	0.02	0.008	I O						0.37
4.083	0.00	0.02	0.008	I O						0.37
4.167	0.00	0.02	0.008	I O						0.36
4.250	0.00	0.02	0.008	I O						0.35
4.333	0.00	0.02	0.008	I O						0.35
4.417	0.00	0.02	0.008	I O						0.34
4.500	0.00	0.02	0.007	I O						0.33
4.583	0.00	0.02	0.007	I O						0.33
4.667	0.00	0.02	0.007	I O						0.32
4.750	0.00	0.02	0.007	I O						0.32
4.833	0.00	0.02	0.007	I O						0.31
4.917	0.00	0.02	0.007	I O						0.30
5.000	0.00	0.02	0.007	I O						0.30
5.083	0.00	0.02	0.006	I O						0.29
5.167	0.00	0.02	0.006	I O						0.29
5.250	0.00	0.02	0.006	I O						0.28
5.333	0.00	0.02	0.006	I O						0.28
5.417	0.00	0.02	0.006	I O						0.27
5.500	0.00	0.02	0.006	I O						0.27
5.583	0.00	0.02	0.006	I O						0.26
5.667	0.00	0.02	0.006	I O						0.26
5.750	0.00	0.02	0.006	I O						0.25
5.833	0.00	0.01	0.005	I O						0.25
5.917	0.00	0.01	0.005	I O						0.24
6.000	0.00	0.01	0.005	I O						0.24
6.083	0.00	0.01	0.005	I O						0.23
6.167	0.00	0.01	0.005	I O						0.23
6.250	0.00	0.01	0.005	I O						0.23

6.333	0.00	0.01	0.005	I	0	0.22
6.417	0.00	0.01	0.005	I	0	0.22
6.500	0.00	0.01	0.005	I	0	0.21
6.583	0.00	0.01	0.005	I	0	0.21
6.667	0.00	0.01	0.005	I	0	0.21
6.750	0.00	0.01	0.004	I	0	0.20
6.833	0.00	0.01	0.004	I	0	0.20
6.917	0.00	0.01	0.004	I	0	0.19
7.000	0.00	0.01	0.004	I	0	0.19
7.083	0.00	0.01	0.004	I	0	0.19
7.167	0.00	0.01	0.004	I	0	0.18
7.250	0.00	0.01	0.004	I	0	0.18
7.333	0.00	0.01	0.004	I	0	0.18
7.417	0.00	0.01	0.004	I	0	0.17
7.500	0.00	0.01	0.004	I	0	0.17
7.583	0.00	0.01	0.004	I	0	0.17
7.667	0.00	0.01	0.004	I	0	0.16
7.750	0.00	0.01	0.004	I	0	0.16
7.833	0.00	0.01	0.003	I	0	0.16
7.917	0.00	0.01	0.003	I	0	0.15
8.000	0.00	0.01	0.003	I	0	0.15
8.083	0.00	0.01	0.003	I	0	0.15
8.167	0.00	0.01	0.003	I	0	0.15
8.250	0.00	0.01	0.003	I	0	0.14
8.333	0.00	0.01	0.003	I	0	0.14
8.417	0.00	0.01	0.003	I	0	0.14
8.500	0.00	0.01	0.003	I	0	0.14
8.583	0.00	0.01	0.003	I	0	0.13
8.667	0.00	0.01	0.003	I	0	0.13
8.750	0.00	0.01	0.003	I	0	0.13
8.833	0.00	0.01	0.003	I	0	0.13
8.917	0.00	0.01	0.003	I	0	0.12
9.000	0.00	0.01	0.003	I	0	0.12
9.083	0.00	0.01	0.003	I	0	0.12
9.167	0.00	0.01	0.003	I	0	0.12
9.250	0.00	0.01	0.003	I	0	0.11
9.333	0.00	0.01	0.002	I	0	0.11
9.417	0.00	0.01	0.002	I	0	0.11
9.500	0.00	0.01	0.002	I	0	0.11
9.583	0.00	0.01	0.002	IO		0.11
9.667	0.00	0.01	0.002	IO		0.10
9.750	0.00	0.01	0.002	IO		0.10
9.833	0.00	0.01	0.002	IO		0.10
9.917	0.00	0.01	0.002	IO		0.10
10.000	0.00	0.01	0.002	IO		0.10
10.083	0.00	0.01	0.002	IO		0.10
10.167	0.00	0.01	0.002	IO		0.09
10.250	0.00	0.01	0.002	IO		0.09
10.333	0.00	0.01	0.002	IO		0.09
10.417	0.00	0.01	0.002	IO		0.09
10.500	0.00	0.01	0.002	IO		0.09
10.583	0.00	0.01	0.002	IO		0.08
10.667	0.00	0.01	0.002	IO		0.08
10.750	0.00	0.00	0.002	IO		0.08
10.833	0.00	0.00	0.002	IO		0.08
10.917	0.00	0.00	0.002	IO		0.08
11.000	0.00	0.00	0.002	IO		0.08
11.083	0.00	0.00	0.002	IO		0.08
11.167	0.00	0.00	0.002	IO		0.07
11.250	0.00	0.00	0.002	IO		0.07
11.333	0.00	0.00	0.002	IO		0.07
11.417	0.00	0.00	0.002	IO		0.07
11.500	0.00	0.00	0.002	IO		0.07
11.583	0.00	0.00	0.001	IO		0.07
11.667	0.00	0.00	0.001	IO		0.07
11.750	0.00	0.00	0.001	IO		0.07
11.833	0.00	0.00	0.001	IO		0.06
11.917	0.00	0.00	0.001	IO		0.06
12.000	0.00	0.00	0.001	IO		0.06
12.083	0.00	0.00	0.001	IO		0.06
12.167	0.00	0.00	0.001	IO		0.06

12.250	0.00	0.00	0.001	IO					0.06
12.333	0.00	0.00	0.001	IO					0.06
12.417	0.00	0.00	0.001	IO					0.06
12.500	0.00	0.00	0.001	IO					0.06
12.583	0.00	0.00	0.001	IO					0.05
12.667	0.00	0.00	0.001	O					0.05
12.750	0.00	0.00	0.001	O					0.05
12.833	0.00	0.00	0.001	O					0.05
12.917	0.00	0.00	0.001	O					0.05
13.000	0.00	0.00	0.001	O					0.05
13.083	0.00	0.00	0.001	O					0.05
13.167	0.00	0.00	0.001	O					0.05
13.250	0.00	0.00	0.001	O					0.05
13.333	0.00	0.00	0.001	O					0.05
13.417	0.00	0.00	0.001	O					0.04
13.500	0.00	0.00	0.001	O					0.04
13.583	0.00	0.00	0.001	O					0.04
13.667	0.00	0.00	0.001	O					0.04
13.750	0.00	0.00	0.001	O					0.04
13.833	0.00	0.00	0.001	O					0.04
13.917	0.00	0.00	0.001	O					0.04
14.000	0.00	0.00	0.001	O					0.04
14.083	0.00	0.00	0.001	O					0.04
14.167	0.00	0.00	0.001	O					0.04
14.250	0.00	0.00	0.001	O					0.04
14.333	0.00	0.00	0.001	O					0.04
14.417	0.00	0.00	0.001	O					0.04
14.500	0.00	0.00	0.001	O					0.04
14.583	0.00	0.00	0.001	O					0.03
14.667	0.00	0.00	0.001	O					0.03
14.750	0.00	0.00	0.001	O					0.03
14.833	0.00	0.00	0.001	O					0.03
14.917	0.00	0.00	0.001	O					0.03
15.000	0.00	0.00	0.001	O					0.03
15.083	0.00	0.00	0.001	O					0.03
15.167	0.00	0.00	0.001	O					0.03
15.250	0.00	0.00	0.001	O					0.03
15.333	0.00	0.00	0.001	O					0.03
15.417	0.00	0.00	0.001	O					0.03
15.500	0.00	0.00	0.001	O					0.03
15.583	0.00	0.00	0.001	O					0.03
15.667	0.00	0.00	0.001	O					0.03
15.750	0.00	0.00	0.001	O					0.03
15.833	0.00	0.00	0.001	O					0.03
15.917	0.00	0.00	0.001	O					0.03
16.000	0.00	0.00	0.001	O					0.03
16.083	0.00	0.00	0.001	O					0.02
16.167	0.00	0.00	0.001	O					0.02
16.250	0.00	0.00	0.001	O					0.02
16.333	0.00	0.00	0.001	O					0.02
16.417	0.00	0.00	0.001	O					0.02
16.500	0.00	0.00	0.000	O					0.02
16.583	0.00	0.00	0.000	O					0.02
16.667	0.00	0.00	0.000	O					0.02
16.750	0.00	0.00	0.000	O					0.02
16.833	0.00	0.00	0.000	O					0.02
16.917	0.00	0.00	0.000	O					0.02
17.000	0.00	0.00	0.000	O					0.02
17.083	0.00	0.00	0.000	O					0.02
17.167	0.00	0.00	0.000	O					0.02
17.250	0.00	0.00	0.000	O					0.02
17.333	0.00	0.00	0.000	O					0.02
17.417	0.00	0.00	0.000	O					0.02
17.500	0.00	0.00	0.000	O					0.02
17.583	0.00	0.00	0.000	O					0.02
17.667	0.00	0.00	0.000	O					0.02
17.750	0.00	0.00	0.000	O					0.02
17.833	0.00	0.00	0.000	O					0.02

*****HYDROGRAPH DATA*****

Number of intervals = 214

Time interval = 5.0 (Min.)
Maximum/Peak flow rate = 0.028 (CFS)
Total volume = 0.015 (Ac.Ft)
Status of hydrographs being held in storage

	Stream 1	Stream 2	Stream 3	Stream 4	Stream 5
Peak (CFS)	0.000	0.000	0.000	0.000	0.000
Vol (Ac.Ft)	0.000	0.000	0.000	0.000	0.000

MENIFEE STAXUP STORAGE EXTENSION
 PRELIMINARY DRAINAGE STUDY
 BASIN B ROUTING MODEL
 2-YEAR; 6-HOUR

Program License Serial Number 6545

***** HYDROGRAPH INFORMATION *****

From study/file name: D262.rte
 *****HYDROGRAPH DATA*****
 Number of intervals = 74
 Time interval = 5.0 (Min.)
 Maximum/Peak flow rate = 0.093 (CFS)
 Total volume = 0.012 (Ac.Ft)
 Status of hydrographs being held in storage
 Stream 1 Stream 2 Stream 3 Stream 4 Stream 5
 Peak (CFS) 0.000 0.000 0.000 0.000 0.000
 Vol (Ac.Ft) 0.000 0.000 0.000 0.000 0.000

+++++
 Process from Point/Station 1.000 to Point/Station 2.000
 **** RETARDING BASIN ROUTING ****

User entry of depth-outflow-storage data

Total number of inflow hydrograph intervals = 74
 Hydrograph time unit = 5.000 (Min.)
 Initial depth in storage basin = 0.30(Ft.)

Initial basin depth = 0.30 (Ft.)
 Initial basin storage = 0.01 (Ac.Ft)
 Initial basin outflow = 0.02 (CFS)

Depth vs. Storage and Depth vs. Discharge data:

Basin Depth (Ft.)	Storage (Ac.Ft)	Outflow (CFS)	(S-O*dt/2) (Ac.Ft)	(S+O*dt/2) (Ac.Ft)
0.000	0.000	0.000	0.000	0.000
0.500	0.011	0.030	0.011	0.011
1.000	0.021	7.450	-0.005	0.047

Hydrograph Detention Basin Routing

Graph values: 'I'= unit inflow; 'O'=outflow at time shown

Time (Hours)	Inflow (CFS)	Outflow (CFS)	Storage (Ac.Ft)	Depth (Ft.)
0.083	0.01	0.02	0.006	0.29
0.167	0.01	0.02	0.006	0.29
0.250	0.01	0.02	0.006	0.29
0.333	0.01	0.02	0.006	0.29

0.417	0.01	0.02	0.006	I O						0.28
0.500	0.01	0.02	0.006	IO						0.28
0.583	0.01	0.02	0.006	IO						0.28
0.667	0.01	0.02	0.006	IO						0.28
0.750	0.01	0.02	0.006	IO						0.28
0.833	0.01	0.02	0.006	IO						0.28
0.917	0.01	0.02	0.006	IO						0.27
1.000	0.01	0.02	0.006	IO						0.27
1.083	0.01	0.02	0.006	IO						0.27
1.167	0.01	0.02	0.006	IO						0.27
1.250	0.01	0.02	0.006	IO						0.27
1.333	0.01	0.02	0.006	IO						0.27
1.417	0.01	0.02	0.006	IO						0.27
1.500	0.01	0.02	0.006	IO						0.27
1.583	0.01	0.02	0.006	IO						0.27
1.667	0.01	0.02	0.006	IO						0.27
1.750	0.01	0.02	0.006	IO						0.27
1.833	0.01	0.02	0.006	IO						0.27
1.917	0.01	0.02	0.006	IO						0.27
2.000	0.02	0.02	0.006	O						0.27
2.083	0.01	0.02	0.006	O						0.27
2.167	0.02	0.02	0.006	O						0.27
2.250	0.02	0.02	0.006	O						0.27
2.333	0.02	0.02	0.006	O						0.27
2.417	0.02	0.02	0.006	O						0.27
2.500	0.02	0.02	0.006	O						0.27
2.583	0.02	0.02	0.006	O						0.27
2.667	0.02	0.02	0.006	O						0.27
2.750	0.02	0.02	0.006	O						0.27
2.833	0.02	0.02	0.006	OI						0.27
2.917	0.02	0.02	0.006	OI						0.27
3.000	0.02	0.02	0.006	OI						0.27
3.083	0.02	0.02	0.006	OI						0.27
3.167	0.02	0.02	0.006	OI						0.27
3.250	0.02	0.02	0.006	OI						0.27
3.333	0.02	0.02	0.006	OI						0.27
3.417	0.02	0.02	0.006	O I						0.27
3.500	0.02	0.02	0.006	O I						0.27
3.583	0.02	0.02	0.006	O I						0.28
3.667	0.02	0.02	0.006	O I						0.28
3.750	0.03	0.02	0.006	O I						0.28
3.833	0.03	0.02	0.006	O I						0.28
3.917	0.03	0.02	0.006	O I						0.29
4.000	0.03	0.02	0.006	O I						0.29
4.083	0.03	0.02	0.006	O I						0.29
4.167	0.03	0.02	0.007	O I						0.30
4.250	0.03	0.02	0.007	O I						0.30
4.333	0.03	0.02	0.007	O I						0.31
4.417	0.04	0.02	0.007	O I						0.31
4.500	0.04	0.02	0.007	O I						0.32
4.583	0.04	0.02	0.007	O I						0.32
4.667	0.04	0.02	0.007	O I						0.33
4.750	0.04	0.02	0.007	O I						0.34
4.833	0.04	0.02	0.008	O I						0.34
4.917	0.04	0.02	0.008	O I						0.35
5.000	0.05	0.02	0.008	O I						0.36
5.083	0.05	0.02	0.008	O I						0.37
5.167	0.06	0.02	0.008	O I						0.38
5.250	0.07	0.02	0.009	O I						0.39
5.333	0.07	0.02	0.009	O I						0.40
5.417	0.08	0.03	0.009	O I						0.42
5.500	0.09	0.03	0.010	O I						0.44
5.583	0.06	0.03	0.010	O I						0.45
5.667	0.02	0.03	0.010	IO						0.46
5.750	0.01	0.03	0.010	IO						0.46
5.833	0.01	0.03	0.010	IO						0.45
5.917	0.01	0.03	0.010	IO						0.44
6.000	0.00	0.03	0.010	I O						0.44
6.083	0.00	0.03	0.009	I O						0.43
6.167	0.00	0.03	0.009	I O						0.42
6.250	0.00	0.02	0.009	I O						0.41

6.333	0.00	0.02	0.009	I	0	0.41
6.417	0.00	0.02	0.009	I	0	0.40
6.500	0.00	0.02	0.009	I	0	0.39
6.583	0.00	0.02	0.008	I	0	0.38
6.667	0.00	0.02	0.008	I	0	0.38
6.750	0.00	0.02	0.008	I	0	0.37
6.833	0.00	0.02	0.008	I	0	0.36
6.917	0.00	0.02	0.008	I	0	0.36
7.000	0.00	0.02	0.008	I	0	0.35
7.083	0.00	0.02	0.008	I	0	0.34
7.167	0.00	0.02	0.007	I	0	0.34
7.250	0.00	0.02	0.007	I	0	0.33
7.333	0.00	0.02	0.007	I	0	0.32
7.417	0.00	0.02	0.007	I	0	0.32
7.500	0.00	0.02	0.007	I	0	0.31
7.583	0.00	0.02	0.007	I	0	0.31
7.667	0.00	0.02	0.007	I	0	0.30
7.750	0.00	0.02	0.007	I	0	0.30
7.833	0.00	0.02	0.006	I	0	0.29
7.917	0.00	0.02	0.006	I	0	0.28
8.000	0.00	0.02	0.006	I	0	0.28
8.083	0.00	0.02	0.006	I	0	0.27
8.167	0.00	0.02	0.006	I	0	0.27
8.250	0.00	0.02	0.006	I	0	0.26
8.333	0.00	0.02	0.006	I	0	0.26
8.417	0.00	0.02	0.006	I	0	0.25
8.500	0.00	0.01	0.005	I	0	0.25
8.583	0.00	0.01	0.005	I	0	0.25
8.667	0.00	0.01	0.005	I	0	0.24
8.750	0.00	0.01	0.005	I	0	0.24
8.833	0.00	0.01	0.005	I	0	0.23
8.917	0.00	0.01	0.005	I	0	0.23
9.000	0.00	0.01	0.005	I	0	0.22
9.083	0.00	0.01	0.005	I	0	0.22
9.167	0.00	0.01	0.005	I	0	0.21
9.250	0.00	0.01	0.005	I	0	0.21
9.333	0.00	0.01	0.005	I	0	0.21
9.417	0.00	0.01	0.004	I	0	0.20
9.500	0.00	0.01	0.004	I	0	0.20
9.583	0.00	0.01	0.004	I	0	0.20
9.667	0.00	0.01	0.004	I	0	0.19
9.750	0.00	0.01	0.004	I	0	0.19
9.833	0.00	0.01	0.004	I	0	0.18
9.917	0.00	0.01	0.004	I	0	0.18
10.000	0.00	0.01	0.004	I	0	0.18
10.083	0.00	0.01	0.004	I	0	0.17
10.167	0.00	0.01	0.004	I	0	0.17
10.250	0.00	0.01	0.004	I	0	0.17
10.333	0.00	0.01	0.004	I	0	0.17
10.417	0.00	0.01	0.004	I	0	0.16
10.500	0.00	0.01	0.004	I	0	0.16
10.583	0.00	0.01	0.003	I	0	0.16
10.667	0.00	0.01	0.003	I	0	0.15
10.750	0.00	0.01	0.003	I	0	0.15
10.833	0.00	0.01	0.003	I	0	0.15
10.917	0.00	0.01	0.003	I	0	0.14
11.000	0.00	0.01	0.003	I	0	0.14
11.083	0.00	0.01	0.003	I	0	0.14
11.167	0.00	0.01	0.003	I	0	0.14
11.250	0.00	0.01	0.003	I	0	0.13
11.333	0.00	0.01	0.003	I	0	0.13
11.417	0.00	0.01	0.003	I	0	0.13
11.500	0.00	0.01	0.003	I	0	0.13
11.583	0.00	0.01	0.003	I	0	0.12
11.667	0.00	0.01	0.003	I	0	0.12
11.750	0.00	0.01	0.003	I	0	0.12
11.833	0.00	0.01	0.003	I	0	0.12
11.917	0.00	0.01	0.003	I	0	0.12
12.000	0.00	0.01	0.002	I	0	0.11
12.083	0.00	0.01	0.002	I	0	0.11
12.167	0.00	0.01	0.002	I	0	0.11

12.250	0.00	0.01	0.002	I O				0.11
12.333	0.00	0.01	0.002	I O				0.11
12.417	0.00	0.01	0.002	I O				0.10
12.500	0.00	0.01	0.002	I O				0.10
12.583	0.00	0.01	0.002	I O				0.10
12.667	0.00	0.01	0.002	I O				0.10
12.750	0.00	0.01	0.002	IO				0.10
12.833	0.00	0.01	0.002	IO				0.09
12.917	0.00	0.01	0.002	IO				0.09
13.000	0.00	0.01	0.002	IO				0.09
13.083	0.00	0.01	0.002	IO				0.09
13.167	0.00	0.01	0.002	IO				0.09
13.250	0.00	0.01	0.002	IO				0.09
13.333	0.00	0.01	0.002	IO				0.08
13.417	0.00	0.00	0.002	IO				0.08
13.500	0.00	0.00	0.002	IO				0.08
13.583	0.00	0.00	0.002	IO				0.08
13.667	0.00	0.00	0.002	IO				0.08
13.750	0.00	0.00	0.002	IO				0.08
13.833	0.00	0.00	0.002	IO				0.08
13.917	0.00	0.00	0.002	IO				0.07
14.000	0.00	0.00	0.002	IO				0.07
14.083	0.00	0.00	0.002	IO				0.07
14.167	0.00	0.00	0.002	IO				0.07
14.250	0.00	0.00	0.002	IO				0.07
14.333	0.00	0.00	0.001	IO				0.07
14.417	0.00	0.00	0.001	IO				0.07
14.500	0.00	0.00	0.001	IO				0.06
14.583	0.00	0.00	0.001	IO				0.06
14.667	0.00	0.00	0.001	IO				0.06
14.750	0.00	0.00	0.001	IO				0.06
14.833	0.00	0.00	0.001	IO				0.06
14.917	0.00	0.00	0.001	IO				0.06
15.000	0.00	0.00	0.001	IO				0.06
15.083	0.00	0.00	0.001	IO				0.06
15.167	0.00	0.00	0.001	IO				0.06
15.250	0.00	0.00	0.001	IO				0.05
15.333	0.00	0.00	0.001	IO				0.05
15.417	0.00	0.00	0.001	IO				0.05
15.500	0.00	0.00	0.001	IO				0.05
15.583	0.00	0.00	0.001	IO				0.05
15.667	0.00	0.00	0.001	IO				0.05
15.750	0.00	0.00	0.001	IO				0.05
15.833	0.00	0.00	0.001	O				0.05
15.917	0.00	0.00	0.001	O				0.05
16.000	0.00	0.00	0.001	O				0.05
16.083	0.00	0.00	0.001	O				0.05
16.167	0.00	0.00	0.001	O				0.04
16.250	0.00	0.00	0.001	O				0.04
16.333	0.00	0.00	0.001	O				0.04
16.417	0.00	0.00	0.001	O				0.04
16.500	0.00	0.00	0.001	O				0.04
16.583	0.00	0.00	0.001	O				0.04
16.667	0.00	0.00	0.001	O				0.04
16.750	0.00	0.00	0.001	O				0.04
16.833	0.00	0.00	0.001	O				0.04
16.917	0.00	0.00	0.001	O				0.04
17.000	0.00	0.00	0.001	O				0.04
17.083	0.00	0.00	0.001	O				0.04
17.167	0.00	0.00	0.001	O				0.04
17.250	0.00	0.00	0.001	O				0.03
17.333	0.00	0.00	0.001	O				0.03
17.417	0.00	0.00	0.001	O				0.03
17.500	0.00	0.00	0.001	O				0.03
17.583	0.00	0.00	0.001	O				0.03
17.667	0.00	0.00	0.001	O				0.03
17.750	0.00	0.00	0.001	O				0.03
17.833	0.00	0.00	0.001	O				0.03
17.917	0.00	0.00	0.001	O				0.03
18.000	0.00	0.00	0.001	O				0.03
18.083	0.00	0.00	0.001	O				0.03

18.167	0.00	0.00	0.001	0					0.03
18.250	0.00	0.00	0.001	0					0.03
18.333	0.00	0.00	0.001	0					0.03
18.417	0.00	0.00	0.001	0					0.03
18.500	0.00	0.00	0.001	0					0.03
18.583	0.00	0.00	0.001	0					0.03
18.667	0.00	0.00	0.001	0					0.03
18.750	0.00	0.00	0.001	0					0.02
18.833	0.00	0.00	0.001	0					0.02
18.917	0.00	0.00	0.001	0					0.02
19.000	0.00	0.00	0.001	0					0.02
19.083	0.00	0.00	0.001	0					0.02
19.167	0.00	0.00	0.000	0					0.02
19.250	0.00	0.00	0.000	0					0.02
19.333	0.00	0.00	0.000	0					0.02
19.417	0.00	0.00	0.000	0					0.02
19.500	0.00	0.00	0.000	0					0.02
19.583	0.00	0.00	0.000	0					0.02
19.667	0.00	0.00	0.000	0					0.02
19.750	0.00	0.00	0.000	0					0.02
19.833	0.00	0.00	0.000	0					0.02
19.917	0.00	0.00	0.000	0					0.02
20.000	0.00	0.00	0.000	0					0.02
20.083	0.00	0.00	0.000	0					0.02
20.167	0.00	0.00	0.000	0					0.02
20.250	0.00	0.00	0.000	0					0.02
20.333	0.00	0.00	0.000	0					0.02
20.417	0.00	0.00	0.000	0					0.02
20.500	0.00	0.00	0.000	0					0.02
20.583	0.00	0.00	0.000	0					0.02

*****HYDROGRAPH DATA*****

Number of intervals = 247

Time interval = 5.0 (Min.)

Maximum/Peak flow rate = 0.027 (CFS)

Total volume = 0.018 (Ac.Ft)

Status of hydrographs being held in storage

	Stream 1	Stream 2	Stream 3	Stream 4	Stream 5
Peak (CFS)	0.000	0.000	0.000	0.000	0.000
Vol (Ac.Ft)	0.000	0.000	0.000	0.000	0.000

MENIFEE STAXUP STORAGE EXTENSION
 PRELIMINARY DRAINAGE STUDY
 BASIN B ROUTING MODEL
 2-YEAR; 24-HOUR

Program License Serial Number 6545

***** HYDROGRAPH INFORMATION *****

From study/file name: D2242.rte
 *****HYDROGRAPH DATA*****
 Number of intervals = 290
 Time interval = 5.0 (Min.)
 Maximum/Peak flow rate = 0.033 (CFS)
 Total volume = 0.020 (Ac.Ft)
 Status of hydrographs being held in storage
 Stream 1 Stream 2 Stream 3 Stream 4 Stream 5
 Peak (CFS) 0.000 0.000 0.000 0.000 0.000
 Vol (Ac.Ft) 0.000 0.000 0.000 0.000 0.000

+++++
 Process from Point/Station 1.000 to Point/Station 2.000
 **** RETARDING BASIN ROUTING ****

User entry of depth-outflow-storage data

Total number of inflow hydrograph intervals = 290
 Hydrograph time unit = 5.000 (Min.)
 Initial depth in storage basin = 0.30(Ft.)

Initial basin depth = 0.30 (Ft.)
 Initial basin storage = 0.01 (Ac.Ft)
 Initial basin outflow = 0.02 (CFS)

Depth vs. Storage and Depth vs. Discharge data:

Basin Depth (Ft.)	Storage (Ac.Ft)	Outflow (CFS)	(S-O*dt/2) (Ac.Ft)	(S+O*dt/2) (Ac.Ft)
0.000	0.000	0.000	0.000	0.000
0.500	0.011	0.030	0.011	0.011
1.000	0.021	7.450	-0.005	0.047

Hydrograph Detention Basin Routing

Graph values: 'I'= unit inflow; 'O'=outflow at time shown

Time (Hours)	Inflow (CFS)	Outflow (CFS)	Storage (Ac.Ft)	Depth (Ft.)
0.083	0.00	0.02	0.006	0.29
0.167	0.00	0.02	0.006	0.29
0.250	0.00	0.02	0.006	0.28
0.333	0.00	0.02	0.006	0.28

0.417	0.00	0.02	0.006	I		0	0.27
0.500	0.00	0.02	0.006	I		0	0.27
0.583	0.00	0.02	0.006	I		0	0.26
0.667	0.00	0.02	0.006	I		0	0.26
0.750	0.00	0.02	0.006	I		0	0.26
0.833	0.00	0.02	0.006	I		0	0.25
0.917	0.00	0.01	0.005	I		0	0.25
1.000	0.00	0.01	0.005	I		0	0.25
1.083	0.00	0.01	0.005	I		0	0.24
1.167	0.00	0.01	0.005	I		0	0.24
1.250	0.00	0.01	0.005	I		0	0.24
1.333	0.00	0.01	0.005	I		0	0.23
1.417	0.00	0.01	0.005	I		0	0.23
1.500	0.00	0.01	0.005	I		0	0.23
1.583	0.00	0.01	0.005	I		0	0.22
1.667	0.00	0.01	0.005	I		0	0.22
1.750	0.00	0.01	0.005	I		0	0.22
1.833	0.00	0.01	0.005	I		0	0.21
1.917	0.00	0.01	0.005	I		0	0.21
2.000	0.00	0.01	0.005	I		0	0.21
2.083	0.00	0.01	0.004	I		0	0.20
2.167	0.00	0.01	0.004	I		0	0.20
2.250	0.00	0.01	0.004	I		0	0.20
2.333	0.00	0.01	0.004	I		0	0.20
2.417	0.00	0.01	0.004	I		0	0.19
2.500	0.00	0.01	0.004	I		0	0.19
2.583	0.00	0.01	0.004	I		0	0.19
2.667	0.00	0.01	0.004	I		0	0.19
2.750	0.00	0.01	0.004	I		0	0.19
2.833	0.00	0.01	0.004	I		0	0.18
2.917	0.00	0.01	0.004	I		0	0.18
3.000	0.00	0.01	0.004	I		0	0.18
3.083	0.00	0.01	0.004	I		0	0.18
3.167	0.00	0.01	0.004	I		0	0.18
3.250	0.00	0.01	0.004	I		0	0.17
3.333	0.00	0.01	0.004	I		0	0.17
3.417	0.00	0.01	0.004	I		0	0.17
3.500	0.00	0.01	0.004	I		0	0.17
3.583	0.00	0.01	0.004	I		0	0.17
3.667	0.00	0.01	0.004	I		0	0.17
3.750	0.00	0.01	0.004	I		0	0.16
3.833	0.01	0.01	0.004	I		0	0.16
3.917	0.01	0.01	0.004	I		0	0.16
4.000	0.01	0.01	0.004	I		0	0.16
4.083	0.01	0.01	0.004	I		0	0.16
4.167	0.01	0.01	0.003	I		0	0.16
4.250	0.01	0.01	0.003	I		0	0.16
4.333	0.01	0.01	0.003	I		0	0.16
4.417	0.01	0.01	0.003	I		0	0.16
4.500	0.01	0.01	0.003	I		0	0.15
4.583	0.01	0.01	0.003	I		0	0.15
4.667	0.01	0.01	0.003	I		0	0.15
4.750	0.01	0.01	0.003	I		0	0.15
4.833	0.01	0.01	0.003	IO		0	0.15
4.917	0.01	0.01	0.003	IO		0	0.15
5.000	0.01	0.01	0.003	IO		0	0.15
5.083	0.01	0.01	0.003	I		0	0.15
5.167	0.01	0.01	0.003	I		0	0.15
5.250	0.01	0.01	0.003	I		0	0.15
5.333	0.01	0.01	0.003	I		0	0.15
5.417	0.01	0.01	0.003	I		0	0.15
5.500	0.01	0.01	0.003	I		0	0.15
5.583	0.01	0.01	0.003	IO		0	0.15
5.667	0.01	0.01	0.003	IO		0	0.14
5.750	0.01	0.01	0.003	IO		0	0.14
5.833	0.01	0.01	0.003	IO		0	0.14
5.917	0.01	0.01	0.003	IO		0	0.14
6.000	0.01	0.01	0.003	IO		0	0.14
6.083	0.01	0.01	0.003			0	0.14
6.167	0.01	0.01	0.003			0	0.14
6.250	0.01	0.01	0.003			0	0.14

6.333	0.01	0.01	0.003	O				0.14
6.417	0.01	0.01	0.003	O				0.14
6.500	0.01	0.01	0.003	O				0.14
6.583	0.01	0.01	0.003	OI				0.14
6.667	0.01	0.01	0.003	OI				0.14
6.750	0.01	0.01	0.003	OI				0.14
6.833	0.01	0.01	0.003	OI				0.14
6.917	0.01	0.01	0.003	OI				0.15
7.000	0.01	0.01	0.003	OI				0.15
7.083	0.01	0.01	0.003	OI				0.15
7.167	0.01	0.01	0.003	OI				0.15
7.250	0.01	0.01	0.003	OI				0.15
7.333	0.01	0.01	0.003	O I				0.15
7.417	0.01	0.01	0.003	O I				0.15
7.500	0.01	0.01	0.003	O I				0.15
7.583	0.01	0.01	0.003	O I				0.15
7.667	0.01	0.01	0.003	O I				0.15
7.750	0.01	0.01	0.003	O I				0.15
7.833	0.01	0.01	0.003	O I				0.15
7.917	0.01	0.01	0.003	O I				0.15
8.000	0.01	0.01	0.003	O I				0.15
8.083	0.01	0.01	0.003	O I				0.15
8.167	0.01	0.01	0.003	O I				0.16
8.250	0.01	0.01	0.003	O I				0.16
8.333	0.01	0.01	0.003	O I				0.16
8.417	0.01	0.01	0.004	O I				0.16
8.500	0.01	0.01	0.004	O I				0.16
8.583	0.02	0.01	0.004	O I				0.16
8.667	0.02	0.01	0.004	O I				0.17
8.750	0.02	0.01	0.004	O I				0.17
8.833	0.02	0.01	0.004	O I				0.17
8.917	0.02	0.01	0.004	O I				0.17
9.000	0.02	0.01	0.004	O I				0.17
9.083	0.02	0.01	0.004	O I				0.17
9.167	0.02	0.01	0.004	O I				0.18
9.250	0.02	0.01	0.004	O I				0.18
9.333	0.02	0.01	0.004	O I				0.18
9.417	0.02	0.01	0.004	O I				0.18
9.500	0.02	0.01	0.004	O I				0.19
9.583	0.02	0.01	0.004	O I				0.19
9.667	0.02	0.01	0.004	O I				0.19
9.750	0.02	0.01	0.004	O I				0.19
9.833	0.02	0.01	0.004	O I				0.20
9.917	0.02	0.01	0.004	O I				0.20
10.000	0.02	0.01	0.004	O I				0.20
10.083	0.02	0.01	0.005	O I				0.21
10.167	0.01	0.01	0.005	O I				0.21
10.250	0.01	0.01	0.005	O I				0.21
10.333	0.01	0.01	0.005	O I				0.21
10.417	0.01	0.01	0.005	O I				0.21
10.500	0.01	0.01	0.005	O I				0.21
10.583	0.02	0.01	0.005	O I				0.21
10.667	0.02	0.01	0.005	O I				0.21
10.750	0.02	0.01	0.005	O I				0.21
10.833	0.02	0.01	0.005	O I				0.22
10.917	0.02	0.01	0.005	O I				0.22
11.000	0.02	0.01	0.005	O I				0.22
11.083	0.02	0.01	0.005	O I				0.22
11.167	0.02	0.01	0.005	O I				0.22
11.250	0.02	0.01	0.005	O I				0.23
11.333	0.02	0.01	0.005	O I				0.23
11.417	0.02	0.01	0.005	O I				0.23
11.500	0.02	0.01	0.005	O I				0.23
11.583	0.02	0.01	0.005	O I				0.23
11.667	0.02	0.01	0.005	O I				0.23
11.750	0.02	0.01	0.005	O I				0.23
11.833	0.02	0.01	0.005	O I				0.23
11.917	0.02	0.01	0.005	O I				0.23
12.000	0.02	0.01	0.005	O I				0.24
12.083	0.02	0.01	0.005	O I				0.24
12.167	0.02	0.01	0.005	O I				0.24

12.250	0.02	0.01	0.005		0	I	0.24
12.333	0.02	0.01	0.005		0	I	0.25
12.417	0.03	0.01	0.005		0	I	0.25
12.500	0.03	0.02	0.006		0	I	0.25
12.583	0.03	0.02	0.006		0	I	0.26
12.667	0.03	0.02	0.006		0	I	0.26
12.750	0.03	0.02	0.006		0	I	0.26
12.833	0.03	0.02	0.006		0	I	0.27
12.917	0.03	0.02	0.006		0	I	0.27
13.000	0.03	0.02	0.006		0	I	0.27
13.083	0.03	0.02	0.006		0	I	0.28
13.167	0.03	0.02	0.006		0	I	0.28
13.250	0.03	0.02	0.006		0	I	0.29
13.333	0.03	0.02	0.006		0	I	0.29
13.417	0.03	0.02	0.007		0	I	0.30
13.500	0.03	0.02	0.007		0	I	0.30
13.583	0.03	0.02	0.007		0	I	0.31
13.667	0.02	0.02	0.007		0	I	0.31
13.750	0.02	0.02	0.007		0	I	0.31
13.833	0.02	0.02	0.007		0	I	0.31
13.917	0.02	0.02	0.007		0	I	0.31
14.000	0.02	0.02	0.007		0	I	0.31
14.083	0.02	0.02	0.007		0	I	0.31
14.167	0.03	0.02	0.007		0	I	0.32
14.250	0.03	0.02	0.007		0	I	0.32
14.333	0.03	0.02	0.007		0	I	0.32
14.417	0.03	0.02	0.007		0	I	0.32
14.500	0.03	0.02	0.007		0	I	0.32
14.583	0.03	0.02	0.007		0	I	0.32
14.667	0.03	0.02	0.007		0	I	0.33
14.750	0.03	0.02	0.007		0	I	0.33
14.833	0.02	0.02	0.007		0	I	0.33
14.917	0.02	0.02	0.007		0	I	0.33
15.000	0.02	0.02	0.007		0	I	0.33
15.083	0.02	0.02	0.007		0	I	0.33
15.167	0.02	0.02	0.007		0	I	0.33
15.250	0.02	0.02	0.007		0	I	0.34
15.333	0.02	0.02	0.007		0	I	0.34
15.417	0.02	0.02	0.007		0	I	0.34
15.500	0.02	0.02	0.007		0	I	0.34
15.583	0.02	0.02	0.007		0	I	0.34
15.667	0.02	0.02	0.007		I	0	0.34
15.750	0.02	0.02	0.007		I	0	0.34
15.833	0.02	0.02	0.007		I	0	0.34
15.917	0.02	0.02	0.007		I	0	0.34
16.000	0.02	0.02	0.007		I	0	0.34
16.083	0.01	0.02	0.007	I	0		0.33
16.167	0.00	0.02	0.007	I	0		0.33
16.250	0.00	0.02	0.007	I	0		0.32
16.333	0.00	0.02	0.007	I	0		0.32
16.417	0.00	0.02	0.007	I	0		0.32
16.500	0.00	0.02	0.007	I	0		0.31
16.583	0.00	0.02	0.007	I	0		0.31
16.667	0.00	0.02	0.007	I	0		0.30
16.750	0.00	0.02	0.007	I	0		0.30
16.833	0.00	0.02	0.006	I	0		0.29
16.917	0.00	0.02	0.006	I	0		0.29
17.000	0.00	0.02	0.006	I	0		0.28
17.083	0.00	0.02	0.006	I	0		0.28
17.167	0.00	0.02	0.006	I	0		0.27
17.250	0.00	0.02	0.006	I	0		0.27
17.333	0.00	0.02	0.006	I	0		0.27
17.417	0.00	0.02	0.006	I	0		0.26
17.500	0.00	0.02	0.006	I	0		0.26
17.583	0.00	0.02	0.006	I	0		0.26
17.667	0.00	0.02	0.006	I	0		0.25
17.750	0.00	0.02	0.006	I	0		0.25
17.833	0.00	0.01	0.005	I	0		0.25
17.917	0.00	0.01	0.005	I	0		0.24
18.000	0.00	0.01	0.005	I	0		0.24
18.083	0.00	0.01	0.005	I	0		0.24

18.167	0.00	0.01	0.005	I	0	0.23
18.250	0.00	0.01	0.005	I	0	0.23
18.333	0.00	0.01	0.005	I	0	0.23
18.417	0.00	0.01	0.005	I	0	0.23
18.500	0.00	0.01	0.005	I	0	0.22
18.583	0.00	0.01	0.005	I	0	0.22
18.667	0.00	0.01	0.005	I	0	0.22
18.750	0.00	0.01	0.005	I	0	0.21
18.833	0.00	0.01	0.005	I	0	0.21
18.917	0.00	0.01	0.005	I	0	0.21
19.000	0.00	0.01	0.004	I	0	0.20
19.083	0.00	0.01	0.004	I	0	0.20
19.167	0.00	0.01	0.004	I	0	0.20
19.250	0.00	0.01	0.004	I	0	0.19
19.333	0.00	0.01	0.004	I	0	0.19
19.417	0.00	0.01	0.004	I	0	0.19
19.500	0.00	0.01	0.004	I	0	0.19
19.583	0.00	0.01	0.004	I	0	0.18
19.667	0.00	0.01	0.004	I	0	0.18
19.750	0.00	0.01	0.004	I	0	0.18
19.833	0.00	0.01	0.004	I	0	0.18
19.917	0.00	0.01	0.004	I	0	0.17
20.000	0.00	0.01	0.004	I	0	0.17
20.083	0.00	0.01	0.004	I	0	0.17
20.167	0.00	0.01	0.004	I	0	0.17
20.250	0.00	0.01	0.004	I	0	0.16
20.333	0.00	0.01	0.004	I	0	0.16
20.417	0.00	0.01	0.004	I	0	0.16
20.500	0.00	0.01	0.003	I	0	0.16
20.583	0.00	0.01	0.003	I	0	0.16
20.667	0.00	0.01	0.003	I	0	0.15
20.750	0.00	0.01	0.003	I	0	0.15
20.833	0.00	0.01	0.003	I	0	0.15
20.917	0.00	0.01	0.003	I	0	0.15
21.000	0.00	0.01	0.003	I	0	0.15
21.083	0.00	0.01	0.003	I	0	0.14
21.167	0.00	0.01	0.003	I	0	0.14
21.250	0.00	0.01	0.003	I	0	0.14
21.333	0.00	0.01	0.003	I	0	0.14
21.417	0.00	0.01	0.003	I	0	0.14
21.500	0.00	0.01	0.003	I	0	0.13
21.583	0.00	0.01	0.003	I	0	0.13
21.667	0.00	0.01	0.003	I	0	0.13
21.750	0.00	0.01	0.003	I	0	0.13
21.833	0.00	0.01	0.003	I	0	0.13
21.917	0.00	0.01	0.003	I	0	0.13
22.000	0.00	0.01	0.003	I	0	0.12
22.083	0.00	0.01	0.003	I	0	0.12
22.167	0.00	0.01	0.003	I	0	0.12
22.250	0.00	0.01	0.003	I	0	0.12
22.333	0.00	0.01	0.003	I	0	0.12
22.417	0.00	0.01	0.003	I	0	0.12
22.500	0.00	0.01	0.003	I	0	0.12
22.583	0.00	0.01	0.003	I	0	0.11
22.667	0.00	0.01	0.002	I	0	0.11
22.750	0.00	0.01	0.002	I	0	0.11
22.833	0.00	0.01	0.002	I	0	0.11
22.917	0.00	0.01	0.002	I	0	0.11
23.000	0.00	0.01	0.002	I	0	0.11
23.083	0.00	0.01	0.002	I	0	0.11
23.167	0.00	0.01	0.002	I	0	0.10
23.250	0.00	0.01	0.002	I	0	0.10
23.333	0.00	0.01	0.002	I	0	0.10
23.417	0.00	0.01	0.002	I	0	0.10
23.500	0.00	0.01	0.002	I	0	0.10
23.583	0.00	0.01	0.002	I	0	0.10
23.667	0.00	0.01	0.002	I	0	0.10
23.750	0.00	0.01	0.002	I	0	0.10
23.833	0.00	0.01	0.002	I	0	0.09
23.917	0.00	0.01	0.002	I	0	0.09
24.000	0.00	0.01	0.002	I	0	0.09

30.000	0.00	0.00	0.001	IO					0.02
30.083	0.00	0.00	0.001	IO					0.02
30.167	0.00	0.00	0.001	IO					0.02
30.250	0.00	0.00	0.000	IO					0.02
30.333	0.00	0.00	0.000	IO					0.02
30.417	0.00	0.00	0.000	IO					0.02
30.500	0.00	0.00	0.000	IO					0.02
30.583	0.00	0.00	0.000	IO					0.02
30.667	0.00	0.00	0.000	IO					0.02
30.750	0.00	0.00	0.000	IO					0.02
30.833	0.00	0.00	0.000	IO					0.02
30.917	0.00	0.00	0.000	IO					0.02
31.000	0.00	0.00	0.000	IO					0.02
31.083	0.00	0.00	0.000	IO					0.02
31.167	0.00	0.00	0.000	IO					0.02
31.250	0.00	0.00	0.000	IO					0.02
31.333	0.00	0.00	0.000	IO					0.02
31.417	0.00	0.00	0.000	IO					0.02
31.500	0.00	0.00	0.000	O					0.02
31.583	0.00	0.00	0.000	O					0.02
31.667	0.00	0.00	0.000	O					0.02

*****HYDROGRAPH DATA*****

Number of intervals = 380

Time interval = 5.0 (Min.)

Maximum/Peak flow rate = 0.020 (CFS)

Total volume = 0.026 (Ac.Ft)

Status of hydrographs being held in storage

	Stream 1	Stream 2	Stream 3	Stream 4	Stream 5
Peak (CFS)	0.000	0.000	0.000	0.000	0.000
Vol (Ac.Ft)	0.000	0.000	0.000	0.000	0.000

MENIFEE STAXUP STORAGE EXTENSION
 PRELIMINARY DRAINAGE STUDY
 BASIN B ROUTING MODEL
 100-YEAR; 1-HOUR

Program License Serial Number 6545

***** HYDROGRAPH INFORMATION *****

From study/file name: D21100.rte
 *****HYDROGRAPH DATA*****
 Number of intervals = 14
 Time interval = 5.0 (Min.)
 Maximum/Peak flow rate = 0.631 (CFS)
 Total volume = 0.017 (Ac.Ft)
 Status of hydrographs being held in storage
 Stream 1 Stream 2 Stream 3 Stream 4 Stream 5
 Peak (CFS) 0.000 0.000 0.000 0.000 0.000
 Vol (Ac.Ft) 0.000 0.000 0.000 0.000 0.000

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 Process from Point/Station 1.000 to Point/Station 2.000
 **** RETARDING BASIN ROUTING ****

User entry of depth-outflow-storage data

Total number of inflow hydrograph intervals = 14
 Hydrograph time unit = 5.000 (Min.)
 Initial depth in storage basin = 0.30(Ft.)

Initial basin depth = 0.30 (Ft.)
 Initial basin storage = 0.01 (Ac.Ft)
 Initial basin outflow = 0.02 (CFS)

Depth vs. Storage and Depth vs. Discharge data:

Basin Depth (Ft.)	Storage (Ac.Ft)	Outflow (CFS)	(S-O*dt/2) (Ac.Ft)	(S+O*dt/2) (Ac.Ft)
0.000	0.000	0.000	0.000	0.000
0.500	0.011	0.030	0.011	0.011
1.000	0.021	7.450	-0.005	0.047

Hydrograph Detention Basin Routing

Graph values: 'I'= unit inflow; 'O'=outflow at time shown

Time (Hours)	Inflow (CFS)	Outflow (CFS)	Storage (Ac.Ft)	Depth (Ft.)
0.083	0.05	0.02	0.007	0.30
0.167	0.10	0.02	0.007	0.32
0.250	0.11	0.02	0.008	0.34
0.333	0.12	0.02	0.008	0.37

0.417	0.14	0.02	0.009	O	I					0.41
0.500	0.14	0.03	0.010	O	I					0.44
0.583	0.17	0.03	0.011	O	I					0.48
0.667	0.21	0.17	0.011		O	I				0.51
0.750	0.30	0.29	0.011				OI			0.52
0.833	0.63	0.54	0.012					O	I	0.53
0.917	0.39	0.50	0.012				I		O	0.53
1.000	0.15	0.17	0.011		IO					0.51
1.083	0.04	0.06	0.011	IO						0.50
1.167	0.00	0.03	0.011	IO						0.49
1.250	0.00	0.03	0.011	IO						0.49
1.333	0.00	0.03	0.010	IO						0.48
1.417	0.00	0.03	0.010	IO						0.47
1.500	0.00	0.03	0.010	IO						0.46
1.583	0.00	0.03	0.010	IO						0.45
1.667	0.00	0.03	0.010	IO						0.44
1.750	0.00	0.03	0.010	IO						0.43
1.833	0.00	0.03	0.009	IO						0.43
1.917	0.00	0.03	0.009	IO						0.42
2.000	0.00	0.02	0.009	IO						0.41
2.083	0.00	0.02	0.009	IO						0.40
2.167	0.00	0.02	0.009	IO						0.39
2.250	0.00	0.02	0.009	IO						0.39
2.333	0.00	0.02	0.008	IO						0.38
2.417	0.00	0.02	0.008	IO						0.37
2.500	0.00	0.02	0.008	IO						0.37
2.583	0.00	0.02	0.008	IO						0.36
2.667	0.00	0.02	0.008	IO						0.35
2.750	0.00	0.02	0.008	IO						0.35
2.833	0.00	0.02	0.007	IO						0.34
2.917	0.00	0.02	0.007	IO						0.33
3.000	0.00	0.02	0.007	O						0.33
3.083	0.00	0.02	0.007	O						0.32
3.167	0.00	0.02	0.007	O						0.32
3.250	0.00	0.02	0.007	O						0.31
3.333	0.00	0.02	0.007	O						0.30
3.417	0.00	0.02	0.007	O						0.30
3.500	0.00	0.02	0.006	O						0.29
3.583	0.00	0.02	0.006	O						0.29
3.667	0.00	0.02	0.006	O						0.28
3.750	0.00	0.02	0.006	O						0.28
3.833	0.00	0.02	0.006	O						0.27
3.917	0.00	0.02	0.006	O						0.27
4.000	0.00	0.02	0.006	O						0.26
4.083	0.00	0.02	0.006	O						0.26
4.167	0.00	0.02	0.006	O						0.25
4.250	0.00	0.01	0.005	O						0.25
4.333	0.00	0.01	0.005	O						0.24
4.417	0.00	0.01	0.005	O						0.24
4.500	0.00	0.01	0.005	O						0.23
4.583	0.00	0.01	0.005	O						0.23
4.667	0.00	0.01	0.005	O						0.22
4.750	0.00	0.01	0.005	O						0.22
4.833	0.00	0.01	0.005	O						0.22
4.917	0.00	0.01	0.005	O						0.21
5.000	0.00	0.01	0.005	O						0.21
5.083	0.00	0.01	0.005	O						0.20
5.167	0.00	0.01	0.004	O						0.20
5.250	0.00	0.01	0.004	O						0.20
5.333	0.00	0.01	0.004	O						0.19
5.417	0.00	0.01	0.004	O						0.19
5.500	0.00	0.01	0.004	O						0.19
5.583	0.00	0.01	0.004	O						0.18
5.667	0.00	0.01	0.004	O						0.18
5.750	0.00	0.01	0.004	O						0.18
5.833	0.00	0.01	0.004	O						0.17
5.917	0.00	0.01	0.004	O						0.17
6.000	0.00	0.01	0.004	O						0.17
6.083	0.00	0.01	0.004	O						0.16
6.167	0.00	0.01	0.004	O						0.16
6.250	0.00	0.01	0.003	O						0.16

6.333	0.00	0.01	0.003	0					0.15
6.417	0.00	0.01	0.003	0					0.15
6.500	0.00	0.01	0.003	0					0.15
6.583	0.00	0.01	0.003	0					0.15
6.667	0.00	0.01	0.003	0					0.14
6.750	0.00	0.01	0.003	0					0.14
6.833	0.00	0.01	0.003	0					0.14
6.917	0.00	0.01	0.003	0					0.14
7.000	0.00	0.01	0.003	0					0.13
7.083	0.00	0.01	0.003	0					0.13
7.167	0.00	0.01	0.003	0					0.13
7.250	0.00	0.01	0.003	0					0.13
7.333	0.00	0.01	0.003	0					0.12
7.417	0.00	0.01	0.003	0					0.12
7.500	0.00	0.01	0.003	0					0.12
7.583	0.00	0.01	0.003	0					0.12
7.667	0.00	0.01	0.003	0					0.11
7.750	0.00	0.01	0.002	0					0.11
7.833	0.00	0.01	0.002	0					0.11
7.917	0.00	0.01	0.002	0					0.11
8.000	0.00	0.01	0.002	0					0.11
8.083	0.00	0.01	0.002	0					0.10
8.167	0.00	0.01	0.002	0					0.10
8.250	0.00	0.01	0.002	0					0.10
8.333	0.00	0.01	0.002	0					0.10
8.417	0.00	0.01	0.002	0					0.10
8.500	0.00	0.01	0.002	0					0.09
8.583	0.00	0.01	0.002	0					0.09
8.667	0.00	0.01	0.002	0					0.09
8.750	0.00	0.01	0.002	0					0.09
8.833	0.00	0.01	0.002	0					0.09
8.917	0.00	0.01	0.002	0					0.09
9.000	0.00	0.01	0.002	0					0.08
9.083	0.00	0.00	0.002	0					0.08
9.167	0.00	0.00	0.002	0					0.08
9.250	0.00	0.00	0.002	0					0.08
9.333	0.00	0.00	0.002	0					0.08
9.417	0.00	0.00	0.002	0					0.08
9.500	0.00	0.00	0.002	0					0.08
9.583	0.00	0.00	0.002	0					0.07
9.667	0.00	0.00	0.002	0					0.07
9.750	0.00	0.00	0.002	0					0.07
9.833	0.00	0.00	0.002	0					0.07
9.917	0.00	0.00	0.002	0					0.07
10.000	0.00	0.00	0.001	0					0.07
10.083	0.00	0.00	0.001	0					0.07
10.167	0.00	0.00	0.001	0					0.07
10.250	0.00	0.00	0.001	0					0.06
10.333	0.00	0.00	0.001	0					0.06
10.417	0.00	0.00	0.001	0					0.06
10.500	0.00	0.00	0.001	0					0.06
10.583	0.00	0.00	0.001	0					0.06
10.667	0.00	0.00	0.001	0					0.06
10.750	0.00	0.00	0.001	0					0.06
10.833	0.00	0.00	0.001	0					0.06
10.917	0.00	0.00	0.001	0					0.05
11.000	0.00	0.00	0.001	0					0.05
11.083	0.00	0.00	0.001	0					0.05
11.167	0.00	0.00	0.001	0					0.05
11.250	0.00	0.00	0.001	0					0.05
11.333	0.00	0.00	0.001	0					0.05
11.417	0.00	0.00	0.001	0					0.05
11.500	0.00	0.00	0.001	0					0.05
11.583	0.00	0.00	0.001	0					0.05
11.667	0.00	0.00	0.001	0					0.05
11.750	0.00	0.00	0.001	0					0.05
11.833	0.00	0.00	0.001	0					0.04
11.917	0.00	0.00	0.001	0					0.04
12.000	0.00	0.00	0.001	0					0.04
12.083	0.00	0.00	0.001	0					0.04
12.167	0.00	0.00	0.001	0					0.04

12.250	0.00	0.00	0.001	0					0.04
12.333	0.00	0.00	0.001	0					0.04
12.417	0.00	0.00	0.001	0					0.04
12.500	0.00	0.00	0.001	0					0.04
12.583	0.00	0.00	0.001	0					0.04
12.667	0.00	0.00	0.001	0					0.04
12.750	0.00	0.00	0.001	0					0.04
12.833	0.00	0.00	0.001	0					0.04
12.917	0.00	0.00	0.001	0					0.03
13.000	0.00	0.00	0.001	0					0.03
13.083	0.00	0.00	0.001	0					0.03
13.167	0.00	0.00	0.001	0					0.03
13.250	0.00	0.00	0.001	0					0.03
13.333	0.00	0.00	0.001	0					0.03
13.417	0.00	0.00	0.001	0					0.03
13.500	0.00	0.00	0.001	0					0.03
13.583	0.00	0.00	0.001	0					0.03
13.667	0.00	0.00	0.001	0					0.03
13.750	0.00	0.00	0.001	0					0.03
13.833	0.00	0.00	0.001	0					0.03
13.917	0.00	0.00	0.001	0					0.03
14.000	0.00	0.00	0.001	0					0.03
14.083	0.00	0.00	0.001	0					0.03
14.167	0.00	0.00	0.001	0					0.03
14.250	0.00	0.00	0.001	0					0.03
14.333	0.00	0.00	0.001	0					0.03
14.417	0.00	0.00	0.001	0					0.02
14.500	0.00	0.00	0.001	0					0.02
14.583	0.00	0.00	0.001	0					0.02
14.667	0.00	0.00	0.001	0					0.02
14.750	0.00	0.00	0.001	0					0.02
14.833	0.00	0.00	0.000	0					0.02
14.917	0.00	0.00	0.000	0					0.02
15.000	0.00	0.00	0.000	0					0.02
15.083	0.00	0.00	0.000	0					0.02
15.167	0.00	0.00	0.000	0					0.02
15.250	0.00	0.00	0.000	0					0.02
15.333	0.00	0.00	0.000	0					0.02
15.417	0.00	0.00	0.000	0					0.02
15.500	0.00	0.00	0.000	0					0.02
15.583	0.00	0.00	0.000	0					0.02
15.667	0.00	0.00	0.000	0					0.02
15.750	0.00	0.00	0.000	0					0.02
15.833	0.00	0.00	0.000	0					0.02
15.917	0.00	0.00	0.000	0					0.02
16.000	0.00	0.00	0.000	0					0.02
16.083	0.00	0.00	0.000	0					0.02
16.167	0.00	0.00	0.000	0					0.02
16.250	0.00	0.00	0.000	0					0.02

*****HYDROGRAPH DATA*****

Number of intervals = 195
Time interval = 5.0 (Min.)
Maximum/Peak flow rate = 0.542 (CFS)
Total volume = 0.024 (Ac.Ft)
Status of hydrographs being held in storage
Stream 1 Stream 2 Stream 3 Stream 4 Stream 5
Peak (CFS) 0.000 0.000 0.000 0.000 0.000
Vol (Ac.Ft) 0.000 0.000 0.000 0.000 0.000

MENIFEE STAXUP STORAGE EXTENSION
 PRELIMINARY DRAINAGE STUDY
 BASIN B ROUTING MODEL
 100-YEAR; 3-HOUR

Program License Serial Number 6545

***** HYDROGRAPH INFORMATION *****

From study/file name: D23100.rte
 *****HYDROGRAPH DATA*****
 Number of intervals = 38
 Time interval = 5.0 (Min.)
 Maximum/Peak flow rate = 0.310 (CFS)
 Total volume = 0.025 (Ac.Ft)
 Status of hydrographs being held in storage
 Stream 1 Stream 2 Stream 3 Stream 4 Stream 5
 Peak (CFS) 0.000 0.000 0.000 0.000 0.000
 Vol (Ac.Ft) 0.000 0.000 0.000 0.000 0.000

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 Process from Point/Station 1.000 to Point/Station 2.000
 **** RETARDING BASIN ROUTING ****

User entry of depth-outflow-storage data

Total number of inflow hydrograph intervals = 38
 Hydrograph time unit = 5.000 (Min.)
 Initial depth in storage basin = 0.30(Ft.)

Initial basin depth = 0.30 (Ft.)
 Initial basin storage = 0.01 (Ac.Ft)
 Initial basin outflow = 0.02 (CFS)

Depth vs. Storage and Depth vs. Discharge data:

Basin Depth (Ft.)	Storage (Ac.Ft)	Outflow (CFS)	(S-O*dt/2) (Ac.Ft)	(S+O*dt/2) (Ac.Ft)
0.000	0.000	0.000	0.000	0.000
0.500	0.011	0.030	0.011	0.011
1.000	0.021	7.450	-0.005	0.047

Hydrograph Detention Basin Routing

Graph values: 'I'= unit inflow; 'O'=outflow at time shown

Time (Hours)	Inflow (CFS)	Outflow (CFS)	Storage (Ac.Ft)	.0	0.1	0.16	0.23	0.31	Depth (Ft.)
0.083	0.03	0.02	0.007	OI					0.30
0.167	0.04	0.02	0.007	O I					0.30
0.250	0.04	0.02	0.007	O I					0.31
0.333	0.04	0.02	0.007	O I					0.31

6.333	0.00	0.01	0.005	IO	0.24
6.417	0.00	0.01	0.005	IO	0.23
6.500	0.00	0.01	0.005	IO	0.23
6.583	0.00	0.01	0.005	IO	0.23
6.667	0.00	0.01	0.005	IO	0.22
6.750	0.00	0.01	0.005	IO	0.22
6.833	0.00	0.01	0.005	IO	0.21
6.917	0.00	0.01	0.005	IO	0.21
7.000	0.00	0.01	0.005	IO	0.21
7.083	0.00	0.01	0.004	IO	0.20
7.167	0.00	0.01	0.004	IO	0.20
7.250	0.00	0.01	0.004	IO	0.19
7.333	0.00	0.01	0.004	IO	0.19
7.417	0.00	0.01	0.004	IO	0.19
7.500	0.00	0.01	0.004	IO	0.18
7.583	0.00	0.01	0.004	IO	0.18
7.667	0.00	0.01	0.004	IO	0.18
7.750	0.00	0.01	0.004	IO	0.17
7.833	0.00	0.01	0.004	IO	0.17
7.917	0.00	0.01	0.004	IO	0.17
8.000	0.00	0.01	0.004	IO	0.16
8.083	0.00	0.01	0.004	O	0.16
8.167	0.00	0.01	0.003	O	0.16
8.250	0.00	0.01	0.003	O	0.16
8.333	0.00	0.01	0.003	O	0.15
8.417	0.00	0.01	0.003	O	0.15
8.500	0.00	0.01	0.003	O	0.15
8.583	0.00	0.01	0.003	O	0.14
8.667	0.00	0.01	0.003	O	0.14
8.750	0.00	0.01	0.003	O	0.14
8.833	0.00	0.01	0.003	O	0.14
8.917	0.00	0.01	0.003	O	0.13
9.000	0.00	0.01	0.003	O	0.13
9.083	0.00	0.01	0.003	O	0.13
9.167	0.00	0.01	0.003	O	0.13
9.250	0.00	0.01	0.003	O	0.12
9.333	0.00	0.01	0.003	O	0.12
9.417	0.00	0.01	0.003	O	0.12
9.500	0.00	0.01	0.003	O	0.12
9.583	0.00	0.01	0.003	O	0.11
9.667	0.00	0.01	0.002	O	0.11
9.750	0.00	0.01	0.002	O	0.11
9.833	0.00	0.01	0.002	O	0.11
9.917	0.00	0.01	0.002	O	0.11
10.000	0.00	0.01	0.002	O	0.10
10.083	0.00	0.01	0.002	O	0.10
10.167	0.00	0.01	0.002	O	0.10
10.250	0.00	0.01	0.002	O	0.10
10.333	0.00	0.01	0.002	O	0.10
10.417	0.00	0.01	0.002	O	0.10
10.500	0.00	0.01	0.002	O	0.09
10.583	0.00	0.01	0.002	O	0.09
10.667	0.00	0.01	0.002	O	0.09
10.750	0.00	0.01	0.002	O	0.09
10.833	0.00	0.01	0.002	O	0.09
10.917	0.00	0.01	0.002	O	0.09
11.000	0.00	0.01	0.002	O	0.08
11.083	0.00	0.00	0.002	O	0.08
11.167	0.00	0.00	0.002	O	0.08
11.250	0.00	0.00	0.002	O	0.08
11.333	0.00	0.00	0.002	O	0.08
11.417	0.00	0.00	0.002	O	0.08
11.500	0.00	0.00	0.002	O	0.07
11.583	0.00	0.00	0.002	O	0.07
11.667	0.00	0.00	0.002	O	0.07
11.750	0.00	0.00	0.002	O	0.07
11.833	0.00	0.00	0.002	O	0.07
11.917	0.00	0.00	0.001	O	0.07
12.000	0.00	0.00	0.001	O	0.07
12.083	0.00	0.00	0.001	O	0.07
12.167	0.00	0.00	0.001	O	0.06

12.250	0.00	0.00	0.001	0					0.06
12.333	0.00	0.00	0.001	0					0.06
12.417	0.00	0.00	0.001	0					0.06
12.500	0.00	0.00	0.001	0					0.06
12.583	0.00	0.00	0.001	0					0.06
12.667	0.00	0.00	0.001	0					0.06
12.750	0.00	0.00	0.001	0					0.06
12.833	0.00	0.00	0.001	0					0.06
12.917	0.00	0.00	0.001	0					0.05
13.000	0.00	0.00	0.001	0					0.05
13.083	0.00	0.00	0.001	0					0.05
13.167	0.00	0.00	0.001	0					0.05
13.250	0.00	0.00	0.001	0					0.05
13.333	0.00	0.00	0.001	0					0.05
13.417	0.00	0.00	0.001	0					0.05
13.500	0.00	0.00	0.001	0					0.05
13.583	0.00	0.00	0.001	0					0.05
13.667	0.00	0.00	0.001	0					0.05
13.750	0.00	0.00	0.001	0					0.04
13.833	0.00	0.00	0.001	0					0.04
13.917	0.00	0.00	0.001	0					0.04
14.000	0.00	0.00	0.001	0					0.04
14.083	0.00	0.00	0.001	0					0.04
14.167	0.00	0.00	0.001	0					0.04
14.250	0.00	0.00	0.001	0					0.04
14.333	0.00	0.00	0.001	0					0.04
14.417	0.00	0.00	0.001	0					0.04
14.500	0.00	0.00	0.001	0					0.04
14.583	0.00	0.00	0.001	0					0.04
14.667	0.00	0.00	0.001	0					0.04
14.750	0.00	0.00	0.001	0					0.04
14.833	0.00	0.00	0.001	0					0.04
14.917	0.00	0.00	0.001	0					0.04
15.000	0.00	0.00	0.001	0					0.03
15.083	0.00	0.00	0.001	0					0.03
15.167	0.00	0.00	0.001	0					0.03
15.250	0.00	0.00	0.001	0					0.03
15.333	0.00	0.00	0.001	0					0.03
15.417	0.00	0.00	0.001	0					0.03
15.500	0.00	0.00	0.001	0					0.03
15.583	0.00	0.00	0.001	0					0.03
15.667	0.00	0.00	0.001	0					0.03
15.750	0.00	0.00	0.001	0					0.03
15.833	0.00	0.00	0.001	0					0.03
15.917	0.00	0.00	0.001	0					0.03
16.000	0.00	0.00	0.001	0					0.03
16.083	0.00	0.00	0.001	0					0.03
16.167	0.00	0.00	0.001	0					0.03
16.250	0.00	0.00	0.001	0					0.03
16.333	0.00	0.00	0.001	0					0.03
16.417	0.00	0.00	0.001	0					0.02
16.500	0.00	0.00	0.001	0					0.02
16.583	0.00	0.00	0.001	0					0.02
16.667	0.00	0.00	0.001	0					0.02
16.750	0.00	0.00	0.001	0					0.02
16.833	0.00	0.00	0.000	0					0.02
16.917	0.00	0.00	0.000	0					0.02
17.000	0.00	0.00	0.000	0					0.02
17.083	0.00	0.00	0.000	0					0.02
17.167	0.00	0.00	0.000	0					0.02
17.250	0.00	0.00	0.000	0					0.02
17.333	0.00	0.00	0.000	0					0.02
17.417	0.00	0.00	0.000	0					0.02
17.500	0.00	0.00	0.000	0					0.02
17.583	0.00	0.00	0.000	0					0.02
17.667	0.00	0.00	0.000	0					0.02
17.750	0.00	0.00	0.000	0					0.02
17.833	0.00	0.00	0.000	0					0.02
17.917	0.00	0.00	0.000	0					0.02
18.000	0.00	0.00	0.000	0					0.02
18.083	0.00	0.00	0.000	0					0.02

18.167 0.00 0.00 0.000 0 | | | | 0.02

```
*****HYDROGRAPH DATA*****
Number of intervals = 218
Time interval = 5.0 (Min.)
Maximum/Peak flow rate = 0.303 (CFS)
Total volume = 0.031 (Ac.Ft)
Status of hydrographs being held in storage
      Stream 1 Stream 2 Stream 3 Stream 4 Stream 5
Peak (CFS) 0.000 0.000 0.000 0.000 0.000
Vol (Ac.Ft) 0.000 0.000 0.000 0.000 0.000
*****
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MENIFEE STAXUP STORAGE EXTENSION
 PRELIMINARY DRAINAGE STUDY
 BASIN B ROUTING MODEL
 100-YEAR; 6-HOUR

Program License Serial Number 6545

***** HYDROGRAPH INFORMATION *****

From study/file name: D26100.rte
 *****HYDROGRAPH DATA*****
 Number of intervals = 74
 Time interval = 5.0 (Min.)
 Maximum/Peak flow rate = 0.272 (CFS)
 Total volume = 0.031 (Ac.Ft)
 Status of hydrographs being held in storage
 Stream 1 Stream 2 Stream 3 Stream 4 Stream 5
 Peak (CFS) 0.000 0.000 0.000 0.000 0.000
 Vol (Ac.Ft) 0.000 0.000 0.000 0.000 0.000

+++++
 Process from Point/Station 1.000 to Point/Station 2.000
 **** RETARDING BASIN ROUTING ****

User entry of depth-outflow-storage data

Total number of inflow hydrograph intervals = 74
 Hydrograph time unit = 5.000 (Min.)
 Initial depth in storage basin = 0.30(Ft.)

Initial basin depth = 0.30 (Ft.)
 Initial basin storage = 0.01 (Ac.Ft)
 Initial basin outflow = 0.02 (CFS)

Depth vs. Storage and Depth vs. Discharge data:

Basin Depth (Ft.)	Storage (Ac.Ft)	Outflow (CFS)	(S-O*dt/2) (Ac.Ft)	(S+O*dt/2) (Ac.Ft)
0.000	0.000	0.000	0.000	0.000
0.500	0.011	0.030	0.011	0.011
1.000	0.021	7.450	-0.005	0.047

Hydrograph Detention Basin Routing

Graph values: 'I'= unit inflow; 'O'=outflow at time shown

Time (Hours)	Inflow (CFS)	Outflow (CFS)	Storage (Ac.Ft)	Depth (Ft.)
0.083	0.01	0.02	0.006	0.29
0.167	0.02	0.02	0.006	0.29
0.250	0.02	0.02	0.006	0.30
0.333	0.02	0.02	0.007	0.30

0.417	0.02	0.02	0.007	O						0.30
0.500	0.03	0.02	0.007	OI						0.30
0.583	0.03	0.02	0.007	OI						0.30
0.667	0.03	0.02	0.007	OI						0.31
0.750	0.03	0.02	0.007	OI						0.31
0.833	0.03	0.02	0.007	OI						0.31
0.917	0.03	0.02	0.007	OI						0.32
1.000	0.03	0.02	0.007	OI						0.32
1.083	0.03	0.02	0.007	OI						0.32
1.167	0.03	0.02	0.007	OI						0.33
1.250	0.03	0.02	0.007	OI						0.33
1.333	0.03	0.02	0.007	OI						0.34
1.417	0.03	0.02	0.007	OI						0.34
1.500	0.03	0.02	0.008	OI						0.34
1.583	0.03	0.02	0.008	OI						0.35
1.667	0.03	0.02	0.008	OI						0.35
1.750	0.03	0.02	0.008	OI						0.35
1.833	0.03	0.02	0.008	OI						0.36
1.917	0.03	0.02	0.008	OI						0.36
2.000	0.03	0.02	0.008	O I						0.36
2.083	0.03	0.02	0.008	OI						0.37
2.167	0.03	0.02	0.008	O I						0.37
2.250	0.04	0.02	0.008	O I						0.38
2.333	0.04	0.02	0.008	O I						0.38
2.417	0.04	0.02	0.008	O I						0.38
2.500	0.04	0.02	0.009	O I						0.39
2.583	0.04	0.02	0.009	O I						0.39
2.667	0.04	0.02	0.009	O I						0.40
2.750	0.04	0.02	0.009	O I						0.40
2.833	0.04	0.02	0.009	O I						0.41
2.917	0.04	0.02	0.009	O I						0.41
3.000	0.04	0.02	0.009	O I						0.41
3.083	0.04	0.03	0.009	O I						0.42
3.167	0.04	0.03	0.009	O I						0.42
3.250	0.04	0.03	0.009	O I						0.43
3.333	0.04	0.03	0.010	O I						0.44
3.417	0.05	0.03	0.010	O I						0.44
3.500	0.05	0.03	0.010	O I						0.45
3.583	0.06	0.03	0.010	O I						0.46
3.667	0.06	0.03	0.010	O I						0.47
3.750	0.06	0.03	0.011	O I						0.48
3.833	0.07	0.03	0.011	O I						0.49
3.917	0.07	0.05	0.011	O I						0.50
4.000	0.07	0.08	0.011	O I						0.50
4.083	0.08	0.07	0.011	O I						0.50
4.167	0.08	0.08	0.011	O I						0.50
4.250	0.09	0.08	0.011	O I						0.50
4.333	0.09	0.09	0.011	O I						0.50
4.417	0.10	0.10	0.011	O I						0.50
4.500	0.10	0.10	0.011	O I						0.50
4.583	0.10	0.10	0.011	O I						0.50
4.667	0.11	0.11	0.011	O I						0.51
4.750	0.11	0.11	0.011	O I						0.51
4.833	0.12	0.12	0.011	O I						0.51
4.917	0.12	0.12	0.011	O I						0.51
5.000	0.12	0.12	0.011	O I						0.51
5.083	0.14	0.14	0.011	O I						0.51
5.167	0.17	0.17	0.011	O I						0.51
5.250	0.19	0.19	0.011	O I						0.51
5.333	0.21	0.20	0.011	O I						0.51
5.417	0.23	0.23	0.011	O I						0.51
5.500	0.27	0.26	0.011	O I						0.52
5.583	0.16	0.19	0.011	O I						0.51
5.667	0.06	0.07	0.011	O I						0.50
5.750	0.03	0.03	0.011	O I						0.50
5.833	0.02	0.03	0.011	O I						0.50
5.917	0.02	0.03	0.011	O I						0.49
6.000	0.01	0.03	0.011	O I						0.49
6.083	0.00	0.03	0.011	O I						0.48
6.167	0.00	0.03	0.010	O I						0.47
6.250	0.00	0.03	0.010	O I						0.47

6.333	0.00	0.03	0.010	I	O	0.46
6.417	0.00	0.03	0.010	I	O	0.45
6.500	0.00	0.03	0.010	I	O	0.44
6.583	0.00	0.03	0.009	I	O	0.43
6.667	0.00	0.03	0.009	I	O	0.42
6.750	0.00	0.02	0.009	I	O	0.42
6.833	0.00	0.02	0.009	I	O	0.41
6.917	0.00	0.02	0.009	I	O	0.40
7.000	0.00	0.02	0.009	I	O	0.39
7.083	0.00	0.02	0.008	I	O	0.39
7.167	0.00	0.02	0.008	I	O	0.38
7.250	0.00	0.02	0.008	I	O	0.37
7.333	0.00	0.02	0.008	I	O	0.36
7.417	0.00	0.02	0.008	I	O	0.36
7.500	0.00	0.02	0.008	I	O	0.35
7.583	0.00	0.02	0.008	I	O	0.34
7.667	0.00	0.02	0.007	I	O	0.34
7.750	0.00	0.02	0.007	I	O	0.33
7.833	0.00	0.02	0.007	I	O	0.33
7.917	0.00	0.02	0.007	I	O	0.32
8.000	0.00	0.02	0.007	I	O	0.31
8.083	0.00	0.02	0.007	I	O	0.31
8.167	0.00	0.02	0.007	I	O	0.30
8.250	0.00	0.02	0.007	I	O	0.30
8.333	0.00	0.02	0.006	I	O	0.29
8.417	0.00	0.02	0.006	I	O	0.29
8.500	0.00	0.02	0.006	IO		0.28
8.583	0.00	0.02	0.006	IO		0.27
8.667	0.00	0.02	0.006	IO		0.27
8.750	0.00	0.02	0.006	IO		0.26
8.833	0.00	0.02	0.006	IO		0.26
8.917	0.00	0.02	0.006	IO		0.25
9.000	0.00	0.02	0.006	IO		0.25
9.083	0.00	0.01	0.005	IO		0.25
9.167	0.00	0.01	0.005	IO		0.24
9.250	0.00	0.01	0.005	IO		0.24
9.333	0.00	0.01	0.005	IO		0.23
9.417	0.00	0.01	0.005	IO		0.23
9.500	0.00	0.01	0.005	IO		0.22
9.583	0.00	0.01	0.005	IO		0.22
9.667	0.00	0.01	0.005	IO		0.22
9.750	0.00	0.01	0.005	IO		0.21
9.833	0.00	0.01	0.005	IO		0.21
9.917	0.00	0.01	0.004	IO		0.20
10.000	0.00	0.01	0.004	IO		0.20
10.083	0.00	0.01	0.004	IO		0.20
10.167	0.00	0.01	0.004	IO		0.19
10.250	0.00	0.01	0.004	IO		0.19
10.333	0.00	0.01	0.004	IO		0.19
10.417	0.00	0.01	0.004	IO		0.18
10.500	0.00	0.01	0.004	IO		0.18
10.583	0.00	0.01	0.004	IO		0.18
10.667	0.00	0.01	0.004	IO		0.17
10.750	0.00	0.01	0.004	IO		0.17
10.833	0.00	0.01	0.004	IO		0.17
10.917	0.00	0.01	0.004	IO		0.16
11.000	0.00	0.01	0.004	IO		0.16
11.083	0.00	0.01	0.003	IO		0.16
11.167	0.00	0.01	0.003	IO		0.15
11.250	0.00	0.01	0.003	IO		0.15
11.333	0.00	0.01	0.003	IO		0.15
11.417	0.00	0.01	0.003	IO		0.15
11.500	0.00	0.01	0.003	IO		0.14
11.583	0.00	0.01	0.003	O		0.14
11.667	0.00	0.01	0.003	O		0.14
11.750	0.00	0.01	0.003	O		0.13
11.833	0.00	0.01	0.003	O		0.13
11.917	0.00	0.01	0.003	O		0.13
12.000	0.00	0.01	0.003	O		0.13
12.083	0.00	0.01	0.003	O		0.12
12.167	0.00	0.01	0.003	O		0.12

12.250	0.00	0.01	0.003	0				0.12
12.333	0.00	0.01	0.003	0				0.12
12.417	0.00	0.01	0.003	0				0.12
12.500	0.00	0.01	0.003	0				0.11
12.583	0.00	0.01	0.002	0				0.11
12.667	0.00	0.01	0.002	0				0.11
12.750	0.00	0.01	0.002	0				0.11
12.833	0.00	0.01	0.002	0				0.11
12.917	0.00	0.01	0.002	0				0.10
13.000	0.00	0.01	0.002	0				0.10
13.083	0.00	0.01	0.002	0				0.10
13.167	0.00	0.01	0.002	0				0.10
13.250	0.00	0.01	0.002	0				0.10
13.333	0.00	0.01	0.002	0				0.09
13.417	0.00	0.01	0.002	0				0.09
13.500	0.00	0.01	0.002	0				0.09
13.583	0.00	0.01	0.002	0				0.09
13.667	0.00	0.01	0.002	0				0.09
13.750	0.00	0.01	0.002	0				0.09
13.833	0.00	0.01	0.002	0				0.08
13.917	0.00	0.00	0.002	0				0.08
14.000	0.00	0.00	0.002	0				0.08
14.083	0.00	0.00	0.002	0				0.08
14.167	0.00	0.00	0.002	0				0.08
14.250	0.00	0.00	0.002	0				0.08
14.333	0.00	0.00	0.002	0				0.08
14.417	0.00	0.00	0.002	0				0.07
14.500	0.00	0.00	0.002	0				0.07
14.583	0.00	0.00	0.002	0				0.07
14.667	0.00	0.00	0.002	0				0.07
14.750	0.00	0.00	0.002	0				0.07
14.833	0.00	0.00	0.001	0				0.07
14.917	0.00	0.00	0.001	0				0.07
15.000	0.00	0.00	0.001	0				0.06
15.083	0.00	0.00	0.001	0				0.06
15.167	0.00	0.00	0.001	0				0.06
15.250	0.00	0.00	0.001	0				0.06
15.333	0.00	0.00	0.001	0				0.06
15.417	0.00	0.00	0.001	0				0.06
15.500	0.00	0.00	0.001	0				0.06
15.583	0.00	0.00	0.001	0				0.06
15.667	0.00	0.00	0.001	0				0.06
15.750	0.00	0.00	0.001	0				0.05
15.833	0.00	0.00	0.001	0				0.05
15.917	0.00	0.00	0.001	0				0.05
16.000	0.00	0.00	0.001	0				0.05
16.083	0.00	0.00	0.001	0				0.05
16.167	0.00	0.00	0.001	0				0.05
16.250	0.00	0.00	0.001	0				0.05
16.333	0.00	0.00	0.001	0				0.05
16.417	0.00	0.00	0.001	0				0.05
16.500	0.00	0.00	0.001	0				0.05
16.583	0.00	0.00	0.001	0				0.05
16.667	0.00	0.00	0.001	0				0.04
16.750	0.00	0.00	0.001	0				0.04
16.833	0.00	0.00	0.001	0				0.04
16.917	0.00	0.00	0.001	0				0.04
17.000	0.00	0.00	0.001	0				0.04
17.083	0.00	0.00	0.001	0				0.04
17.167	0.00	0.00	0.001	0				0.04
17.250	0.00	0.00	0.001	0				0.04
17.333	0.00	0.00	0.001	0				0.04
17.417	0.00	0.00	0.001	0				0.04
17.500	0.00	0.00	0.001	0				0.04
17.583	0.00	0.00	0.001	0				0.04
17.667	0.00	0.00	0.001	0				0.04
17.750	0.00	0.00	0.001	0				0.03
17.833	0.00	0.00	0.001	0				0.03
17.917	0.00	0.00	0.001	0				0.03
18.000	0.00	0.00	0.001	0				0.03
18.083	0.00	0.00	0.001	0				0.03

18.167	0.00	0.00	0.001	0					0.03
18.250	0.00	0.00	0.001	0					0.03
18.333	0.00	0.00	0.001	0					0.03
18.417	0.00	0.00	0.001	0					0.03
18.500	0.00	0.00	0.001	0					0.03
18.583	0.00	0.00	0.001	0					0.03
18.667	0.00	0.00	0.001	0					0.03
18.750	0.00	0.00	0.001	0					0.03
18.833	0.00	0.00	0.001	0					0.03
18.917	0.00	0.00	0.001	0					0.03
19.000	0.00	0.00	0.001	0					0.03
19.083	0.00	0.00	0.001	0					0.03
19.167	0.00	0.00	0.001	0					0.03
19.250	0.00	0.00	0.001	0					0.02
19.333	0.00	0.00	0.001	0					0.02
19.417	0.00	0.00	0.001	0					0.02
19.500	0.00	0.00	0.001	0					0.02
19.583	0.00	0.00	0.001	0					0.02
19.667	0.00	0.00	0.000	0					0.02
19.750	0.00	0.00	0.000	0					0.02
19.833	0.00	0.00	0.000	0					0.02
19.917	0.00	0.00	0.000	0					0.02
20.000	0.00	0.00	0.000	0					0.02
20.083	0.00	0.00	0.000	0					0.02
20.167	0.00	0.00	0.000	0					0.02
20.250	0.00	0.00	0.000	0					0.02
20.333	0.00	0.00	0.000	0					0.02
20.417	0.00	0.00	0.000	0					0.02
20.500	0.00	0.00	0.000	0					0.02
20.583	0.00	0.00	0.000	0					0.02
20.667	0.00	0.00	0.000	0					0.02
20.750	0.00	0.00	0.000	0					0.02
20.833	0.00	0.00	0.000	0					0.02
20.917	0.00	0.00	0.000	0					0.02
21.000	0.00	0.00	0.000	0					0.02
21.083	0.00	0.00	0.000	0					0.02

*****HYDROGRAPH DATA*****

Number of intervals = 253
Time interval = 5.0 (Min.)
Maximum/Peak flow rate = 0.262 (CFS)
Total volume = 0.037 (Ac.Ft)
Status of hydrographs being held in storage
Stream 1 Stream 2 Stream 3 Stream 4 Stream 5
Peak (CFS) 0.000 0.000 0.000 0.000 0.000
Vol (Ac.Ft) 0.000 0.000 0.000 0.000 0.000

MENIFEE STAXUP STORAGE EXTENSION
 PRELIMINARY DRAINAGE STUDY
 BASIN B ROUTING MODEL
 100-YEAR; 24-HOUR

Program License Serial Number 6545

***** HYDROGRAPH INFORMATION *****

From study/file name: D224100.rte
 *****HYDROGRAPH DATA*****
 Number of intervals = 290
 Time interval = 5.0 (Min.)
 Maximum/Peak flow rate = 0.108 (CFS)
 Total volume = 0.059 (Ac.Ft)
 Status of hydrographs being held in storage
 Stream 1 Stream 2 Stream 3 Stream 4 Stream 5
 Peak (CFS) 0.000 0.000 0.000 0.000 0.000
 Vol (Ac.Ft) 0.000 0.000 0.000 0.000 0.000

+++++
 Process from Point/Station 1.000 to Point/Station 2.000
 **** RETARDING BASIN ROUTING ****

User entry of depth-outflow-storage data

Total number of inflow hydrograph intervals = 290
 Hydrograph time unit = 5.000 (Min.)
 Initial depth in storage basin = 0.30(Ft.)

Initial basin depth = 0.30 (Ft.)
 Initial basin storage = 0.01 (Ac.Ft)
 Initial basin outflow = 0.02 (CFS)

Depth vs. Storage and Depth vs. Discharge data:

Basin Depth (Ft.)	Storage (Ac.Ft)	Outflow (CFS)	(S-O*dt/2) (Ac.Ft)	(S+O*dt/2) (Ac.Ft)
0.000	0.000	0.000	0.000	0.000
0.500	0.011	0.030	0.011	0.011
1.000	0.021	7.450	-0.005	0.047

Hydrograph Detention Basin Routing

Graph values: 'I'= unit inflow; 'O'=outflow at time shown

Time (Hours)	Inflow (CFS)	Outflow (CFS)	Storage (Ac.Ft)						Depth (Ft.)	
0.083	0.00	0.02	0.006	I	O	0.0	0.05	0.08	0.11	0.29
0.167	0.01	0.02	0.006	I	O					0.29
0.250	0.01	0.02	0.006	I	O					0.28
0.333	0.01	0.02	0.006	I	O					0.28

0.417	0.01	0.02	0.006	I O				0.28
0.500	0.01	0.02	0.006	I O				0.28
0.583	0.01	0.02	0.006	I O				0.27
0.667	0.01	0.02	0.006	I O				0.27
0.750	0.01	0.02	0.006	I O				0.27
0.833	0.01	0.02	0.006	I O				0.27
0.917	0.01	0.02	0.006	IO				0.26
1.000	0.01	0.02	0.006	IO				0.26
1.083	0.01	0.02	0.006	I O				0.26
1.167	0.01	0.02	0.006	I O				0.26
1.250	0.01	0.02	0.006	I O				0.26
1.333	0.01	0.02	0.006	I O				0.25
1.417	0.01	0.02	0.006	I O				0.25
1.500	0.01	0.01	0.005	I O				0.25
1.583	0.01	0.01	0.005	I O				0.25
1.667	0.01	0.01	0.005	I O				0.24
1.750	0.01	0.01	0.005	I O				0.24
1.833	0.01	0.01	0.005	I O				0.24
1.917	0.01	0.01	0.005	IO				0.24
2.000	0.01	0.01	0.005	IO				0.24
2.083	0.01	0.01	0.005	IO				0.24
2.167	0.01	0.01	0.005	IO				0.24
2.250	0.01	0.01	0.005	IO				0.23
2.333	0.01	0.01	0.005	IO				0.23
2.417	0.01	0.01	0.005	IO				0.23
2.500	0.01	0.01	0.005	IO				0.23
2.583	0.01	0.01	0.005	IO				0.23
2.667	0.01	0.01	0.005	IO				0.23
2.750	0.01	0.01	0.005	IO				0.23
2.833	0.01	0.01	0.005	IO				0.23
2.917	0.01	0.01	0.005	IO				0.23
3.000	0.01	0.01	0.005	IO				0.23
3.083	0.01	0.01	0.005	IO				0.23
3.167	0.01	0.01	0.005	IO				0.23
3.250	0.01	0.01	0.005	IO				0.23
3.333	0.01	0.01	0.005	IO				0.23
3.417	0.01	0.01	0.005	IO				0.23
3.500	0.01	0.01	0.005	IO				0.23
3.583	0.01	0.01	0.005	IO				0.23
3.667	0.01	0.01	0.005	IO				0.23
3.750	0.01	0.01	0.005	IO				0.23
3.833	0.01	0.01	0.005	O				0.23
3.917	0.02	0.01	0.005	O				0.23
4.000	0.02	0.01	0.005	O				0.23
4.083	0.02	0.01	0.005	O				0.23
4.167	0.02	0.01	0.005	O				0.23
4.250	0.02	0.01	0.005	O				0.23
4.333	0.02	0.01	0.005	OI				0.23
4.417	0.02	0.01	0.005	OI				0.23
4.500	0.02	0.01	0.005	OI				0.23
4.583	0.02	0.01	0.005	OI				0.24
4.667	0.02	0.01	0.005	OI				0.24
4.750	0.02	0.01	0.005	OI				0.24
4.833	0.02	0.01	0.005	OI				0.24
4.917	0.02	0.01	0.005	O I				0.24
5.000	0.02	0.01	0.005	O I				0.24
5.083	0.02	0.01	0.005	OI				0.25
5.167	0.02	0.01	0.005	O				0.25
5.250	0.02	0.01	0.005	O				0.25
5.333	0.02	0.01	0.005	OI				0.25
5.417	0.02	0.01	0.005	OI				0.25
5.500	0.02	0.01	0.005	OI				0.25
5.583	0.02	0.02	0.006	OI				0.25
5.667	0.02	0.02	0.006	O I				0.25
5.750	0.02	0.02	0.006	O I				0.25
5.833	0.02	0.02	0.006	O I				0.26
5.917	0.02	0.02	0.006	O I				0.26
6.000	0.02	0.02	0.006	O I				0.26
6.083	0.02	0.02	0.006	O I				0.26
6.167	0.02	0.02	0.006	O I				0.26
6.250	0.02	0.02	0.006	O I				0.27

12.250	0.07	0.07	0.011				0			0.50
12.333	0.08	0.08	0.011				0			0.50
12.417	0.08	0.08	0.011				0			0.50
12.500	0.08	0.08	0.011				0			0.50
12.583	0.08	0.08	0.011				0			0.50
12.667	0.09	0.09	0.011				0			0.50
12.750	0.09	0.09	0.011				0			0.50
12.833	0.09	0.09	0.011				0	OI		0.50
12.917	0.09	0.09	0.011				0	0		0.50
13.000	0.09	0.09	0.011				0	0		0.50
13.083	0.10	0.10	0.011					0	OI	0.50
13.167	0.11	0.11	0.011						0	0.51
13.250	0.11	0.11	0.011						0	0.51
13.333	0.11	0.11	0.011						0	0.51
13.417	0.11	0.11	0.011						0	0.51
13.500	0.11	0.11	0.011						0	0.51
13.583	0.08	0.09	0.011				I	0		0.50
13.667	0.07	0.07	0.011				0			0.50
13.750	0.07	0.07	0.011				0			0.50
13.833	0.07	0.07	0.011				0			0.50
13.917	0.07	0.07	0.011				0			0.50
14.000	0.07	0.07	0.011				0			0.50
14.083	0.08	0.08	0.011					OI		0.50
14.167	0.08	0.08	0.011					0		0.50
14.250	0.08	0.08	0.011					0		0.50
14.333	0.08	0.08	0.011					0		0.50
14.417	0.08	0.08	0.011					0		0.50
14.500	0.08	0.08	0.011					0		0.50
14.583	0.08	0.08	0.011					0		0.50
14.667	0.08	0.08	0.011					0		0.50
14.750	0.08	0.08	0.011					0		0.50
14.833	0.08	0.08	0.011					0		0.50
14.917	0.08	0.08	0.011					0		0.50
15.000	0.08	0.08	0.011					0		0.50
15.083	0.07	0.08	0.011					0		0.50
15.167	0.07	0.07	0.011					0		0.50
15.250	0.07	0.07	0.011					0		0.50
15.333	0.07	0.07	0.011					0		0.50
15.417	0.07	0.07	0.011					0		0.50
15.500	0.07	0.07	0.011					0		0.50
15.583	0.06	0.06	0.011				0	0		0.50
15.667	0.06	0.06	0.011				0			0.50
15.750	0.06	0.06	0.011				0			0.50
15.833	0.06	0.06	0.011				0			0.50
15.917	0.06	0.06	0.011				0			0.50
16.000	0.06	0.06	0.011				0			0.50
16.083	0.03	0.04	0.011		I	0				0.50
16.167	0.01	0.03	0.011	I	0					0.50
16.250	0.01	0.03	0.011	I	0					0.49
16.333	0.01	0.03	0.011	I	0					0.48
16.417	0.01	0.03	0.011	I	0					0.48
16.500	0.01	0.03	0.010	I	0					0.47
16.583	0.01	0.03	0.010	I	0					0.47
16.667	0.01	0.03	0.010	I	0					0.46
16.750	0.01	0.03	0.010	I	0					0.46
16.833	0.01	0.03	0.010	I	0					0.45
16.917	0.01	0.03	0.010	I	0					0.44
17.000	0.01	0.03	0.010	I	0					0.44
17.083	0.01	0.03	0.010	I	0					0.43
17.167	0.01	0.03	0.009	I	0					0.43
17.250	0.01	0.03	0.009	I	0					0.42
17.333	0.01	0.03	0.009	I	0					0.42
17.417	0.01	0.02	0.009	I	0					0.42
17.500	0.01	0.02	0.009	I	0					0.41
17.583	0.01	0.02	0.009	I	0					0.41
17.667	0.01	0.02	0.009	I	0					0.41
17.750	0.01	0.02	0.009	I	0					0.40
17.833	0.01	0.02	0.009	I	0					0.40
17.917	0.01	0.02	0.009	I	0					0.39
18.000	0.01	0.02	0.009	I	0					0.39
18.083	0.01	0.02	0.009	I	0					0.39

18.167	0.01	0.02	0.008	I	O				0.38
18.250	0.01	0.02	0.008	I	O				0.38
18.333	0.01	0.02	0.008	I	O				0.37
18.417	0.01	0.02	0.008	I	O				0.37
18.500	0.01	0.02	0.008	I	O				0.37
18.583	0.01	0.02	0.008	I	O				0.36
18.667	0.01	0.02	0.008	I	O				0.36
18.750	0.01	0.02	0.008	I	O				0.36
18.833	0.01	0.02	0.008	I	O				0.35
18.917	0.01	0.02	0.008	I	O				0.35
19.000	0.01	0.02	0.008	I	O				0.34
19.083	0.01	0.02	0.007	I	O				0.34
19.167	0.01	0.02	0.007	I	O				0.33
19.250	0.01	0.02	0.007	I	O				0.33
19.333	0.01	0.02	0.007	I	O				0.33
19.417	0.01	0.02	0.007	I	O				0.32
19.500	0.01	0.02	0.007	I	O				0.32
19.583	0.01	0.02	0.007	I	O				0.32
19.667	0.01	0.02	0.007	I	O				0.31
19.750	0.01	0.02	0.007	I	O				0.31
19.833	0.01	0.02	0.007	I	O				0.31
19.917	0.01	0.02	0.007	I	O				0.30
20.000	0.01	0.02	0.007	I	O				0.30
20.083	0.01	0.02	0.006	I	O				0.30
20.167	0.01	0.02	0.006	I	O				0.29
20.250	0.01	0.02	0.006	I	O				0.29
20.333	0.01	0.02	0.006	I	O				0.29
20.417	0.01	0.02	0.006	I	O				0.28
20.500	0.01	0.02	0.006	I	O				0.28
20.583	0.01	0.02	0.006	I	O				0.28
20.667	0.01	0.02	0.006	I	O				0.27
20.750	0.01	0.02	0.006	I	O				0.27
20.833	0.01	0.02	0.006	I	O				0.27
20.917	0.01	0.02	0.006	I	O				0.27
21.000	0.01	0.02	0.006	I	O				0.26
21.083	0.01	0.02	0.006	I	O				0.26
21.167	0.01	0.02	0.006	I	O				0.26
21.250	0.01	0.02	0.006	I	O				0.26
21.333	0.01	0.02	0.006	I	O				0.25
21.417	0.01	0.01	0.005	I	O				0.25
21.500	0.01	0.01	0.005	I	O				0.25
21.583	0.01	0.01	0.005	I	O				0.24
21.667	0.01	0.01	0.005	I	O				0.24
21.750	0.01	0.01	0.005	I	O				0.24
21.833	0.01	0.01	0.005	I	O				0.24
21.917	0.01	0.01	0.005	I	O				0.23
22.000	0.01	0.01	0.005	I	O				0.23
22.083	0.01	0.01	0.005	I	O				0.23
22.167	0.01	0.01	0.005	I	O				0.23
22.250	0.01	0.01	0.005	I	O				0.23
22.333	0.01	0.01	0.005	I	O				0.22
22.417	0.01	0.01	0.005	I	O				0.22
22.500	0.01	0.01	0.005	I	O				0.22
22.583	0.01	0.01	0.005	I	O				0.22
22.667	0.01	0.01	0.005	I	O				0.21
22.750	0.01	0.01	0.005	I	O				0.21
22.833	0.01	0.01	0.005	I	O				0.21
22.917	0.01	0.01	0.005	I	O				0.21
23.000	0.01	0.01	0.005	I	O				0.20
23.083	0.01	0.01	0.004	I	O				0.20
23.167	0.01	0.01	0.004	I	O				0.20
23.250	0.01	0.01	0.004	I	O				0.20
23.333	0.01	0.01	0.004	I	O				0.20
23.417	0.01	0.01	0.004	I	O				0.19
23.500	0.01	0.01	0.004	I	O				0.19
23.583	0.01	0.01	0.004	I	O				0.19
23.667	0.01	0.01	0.004	I	O				0.19
23.750	0.01	0.01	0.004	I	O				0.19
23.833	0.01	0.01	0.004	I	O				0.18
23.917	0.01	0.01	0.004	I	O				0.18
24.000	0.01	0.01	0.004	I	O				0.18

24.083	0.00	0.01	0.004	I	O	0.18
24.167	0.00	0.01	0.004	I	O	0.18
24.250	0.00	0.01	0.004	I	O	0.17
24.333	0.00	0.01	0.004	I	O	0.17
24.417	0.00	0.01	0.004	I	O	0.17
24.500	0.00	0.01	0.004	I	O	0.16
24.583	0.00	0.01	0.004	I	O	0.16
24.667	0.00	0.01	0.003	I	O	0.16
24.750	0.00	0.01	0.003	I	O	0.15
24.833	0.00	0.01	0.003	I	O	0.15
24.917	0.00	0.01	0.003	I	O	0.15
25.000	0.00	0.01	0.003	I	O	0.15
25.083	0.00	0.01	0.003	I	O	0.14
25.167	0.00	0.01	0.003	I	O	0.14
25.250	0.00	0.01	0.003	I	O	0.14
25.333	0.00	0.01	0.003	I	O	0.14
25.417	0.00	0.01	0.003	I	O	0.13
25.500	0.00	0.01	0.003	I	O	0.13
25.583	0.00	0.01	0.003	I	O	0.13
25.667	0.00	0.01	0.003	I	O	0.13
25.750	0.00	0.01	0.003	I	O	0.12
25.833	0.00	0.01	0.003	I	O	0.12
25.917	0.00	0.01	0.003	I	O	0.12
26.000	0.00	0.01	0.003	I	O	0.12
26.083	0.00	0.01	0.003	I	O	0.11
26.167	0.00	0.01	0.002	IO		0.11
26.250	0.00	0.01	0.002	IO		0.11
26.333	0.00	0.01	0.002	IO		0.11
26.417	0.00	0.01	0.002	IO		0.11
26.500	0.00	0.01	0.002	IO		0.10
26.583	0.00	0.01	0.002	IO		0.10
26.667	0.00	0.01	0.002	IO		0.10
26.750	0.00	0.01	0.002	IO		0.10
26.833	0.00	0.01	0.002	IO		0.10
26.917	0.00	0.01	0.002	IO		0.09
27.000	0.00	0.01	0.002	IO		0.09
27.083	0.00	0.01	0.002	IO		0.09
27.167	0.00	0.01	0.002	IO		0.09
27.250	0.00	0.01	0.002	IO		0.09
27.333	0.00	0.01	0.002	IO		0.09
27.417	0.00	0.01	0.002	IO		0.08
27.500	0.00	0.00	0.002	IO		0.08
27.583	0.00	0.00	0.002	IO		0.08
27.667	0.00	0.00	0.002	IO		0.08
27.750	0.00	0.00	0.002	IO		0.08
27.833	0.00	0.00	0.002	IO		0.08
27.917	0.00	0.00	0.002	IO		0.08
28.000	0.00	0.00	0.002	IO		0.07
28.083	0.00	0.00	0.002	IO		0.07
28.167	0.00	0.00	0.002	IO		0.07
28.250	0.00	0.00	0.002	IO		0.07
28.333	0.00	0.00	0.002	IO		0.07
28.417	0.00	0.00	0.001	IO		0.07
28.500	0.00	0.00	0.001	IO		0.07
28.583	0.00	0.00	0.001	IO		0.07
28.667	0.00	0.00	0.001	IO		0.06
28.750	0.00	0.00	0.001	IO		0.06
28.833	0.00	0.00	0.001	IO		0.06
28.917	0.00	0.00	0.001	IO		0.06
29.000	0.00	0.00	0.001	IO		0.06
29.083	0.00	0.00	0.001	IO		0.06
29.167	0.00	0.00	0.001	IO		0.06
29.250	0.00	0.00	0.001	O		0.06
29.333	0.00	0.00	0.001	O		0.05
29.417	0.00	0.00	0.001	O		0.05
29.500	0.00	0.00	0.001	O		0.05
29.583	0.00	0.00	0.001	O		0.05
29.667	0.00	0.00	0.001	O		0.05
29.750	0.00	0.00	0.001	O		0.05
29.833	0.00	0.00	0.001	O		0.05
29.917	0.00	0.00	0.001	O		0.05

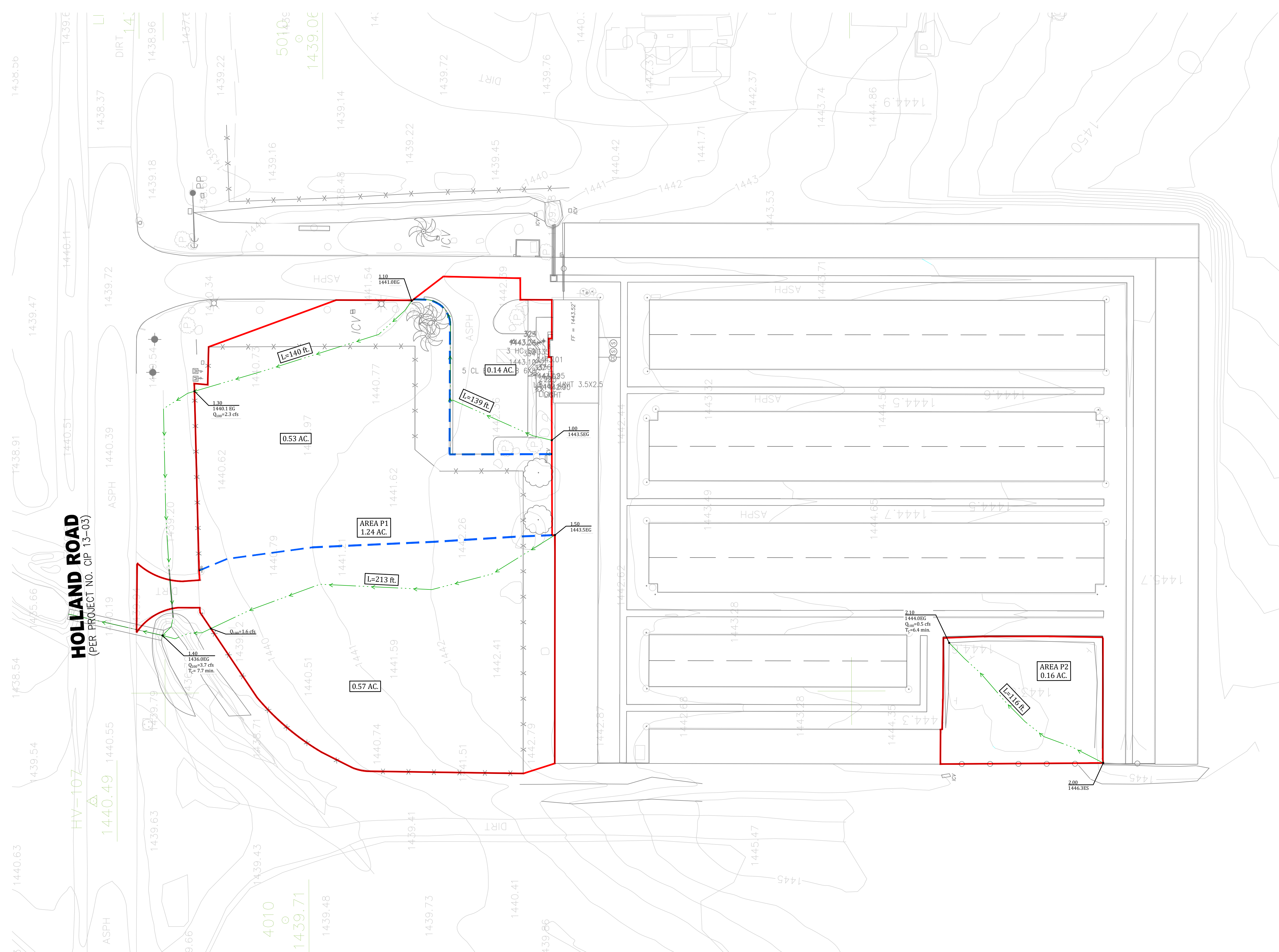
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30.167	0.00	0.00	0.001	0					0.05
30.250	0.00	0.00	0.001	0					0.04
30.333	0.00	0.00	0.001	0					0.04
30.417	0.00	0.00	0.001	0					0.04
30.500	0.00	0.00	0.001	0					0.04
30.583	0.00	0.00	0.001	0					0.04
30.667	0.00	0.00	0.001	0					0.04
30.750	0.00	0.00	0.001	0					0.04
30.833	0.00	0.00	0.001	0					0.04
30.917	0.00	0.00	0.001	0					0.04
31.000	0.00	0.00	0.001	0					0.04
31.083	0.00	0.00	0.001	0					0.04
31.167	0.00	0.00	0.001	0					0.04
31.250	0.00	0.00	0.001	0					0.04
31.333	0.00	0.00	0.001	0					0.03
31.417	0.00	0.00	0.001	0					0.03
31.500	0.00	0.00	0.001	0					0.03
31.583	0.00	0.00	0.001	0					0.03
31.667	0.00	0.00	0.001	0					0.03
31.750	0.00	0.00	0.001	0					0.03
31.833	0.00	0.00	0.001	0					0.03
31.917	0.00	0.00	0.001	0					0.03
32.000	0.00	0.00	0.001	0					0.03
32.083	0.00	0.00	0.001	0					0.03
32.167	0.00	0.00	0.001	0					0.03
32.250	0.00	0.00	0.001	0					0.03
32.333	0.00	0.00	0.001	0					0.03
32.417	0.00	0.00	0.001	0					0.03
32.500	0.00	0.00	0.001	0					0.03
32.583	0.00	0.00	0.001	0					0.03
32.667	0.00	0.00	0.001	0					0.03
32.750	0.00	0.00	0.001	0					0.03
32.833	0.00	0.00	0.001	0					0.02
32.917	0.00	0.00	0.001	0					0.02
33.000	0.00	0.00	0.001	0					0.02
33.083	0.00	0.00	0.001	0					0.02
33.167	0.00	0.00	0.001	0					0.02
33.250	0.00	0.00	0.000	0					0.02
33.333	0.00	0.00	0.000	0					0.02
33.417	0.00	0.00	0.000	0					0.02
33.500	0.00	0.00	0.000	0					0.02
33.583	0.00	0.00	0.000	0					0.02
33.667	0.00	0.00	0.000	0					0.02
33.750	0.00	0.00	0.000	0					0.02
33.833	0.00	0.00	0.000	0					0.02
33.917	0.00	0.00	0.000	0					0.02
34.000	0.00	0.00	0.000	0					0.02
34.083	0.00	0.00	0.000	0					0.02
34.167	0.00	0.00	0.000	0					0.02
34.250	0.00	0.00	0.000	0					0.02
34.333	0.00	0.00	0.000	0					0.02
34.417	0.00	0.00	0.000	0					0.02
34.500	0.00	0.00	0.000	0					0.02
34.583	0.00	0.00	0.000	0					0.02
34.667	0.00	0.00	0.000	0					0.02

*****HYDROGRAPH DATA*****

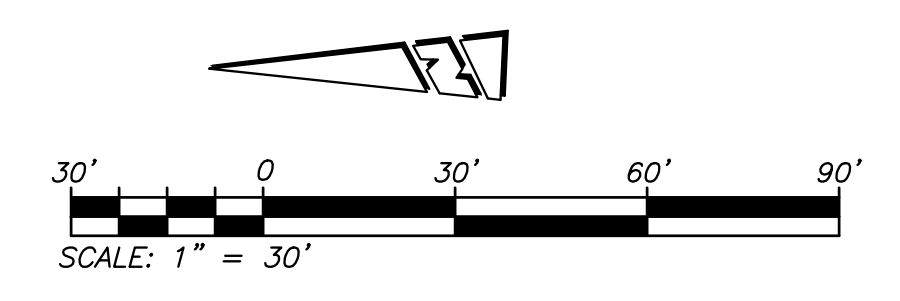
Number of intervals = 416
Time interval = 5.0 (Min.)
Maximum/Peak flow rate = 0.108 (CFS)
Total volume = 0.065 (Ac.Ft)
Status of hydrographs being held in storage
Stream 1 Stream 2 Stream 3 Stream 4 Stream 5
Peak (CFS) 0.000 0.000 0.000 0.000 0.000
Vol (Ac.Ft) 0.000 0.000 0.000 0.000 0.000

Key Maps VI

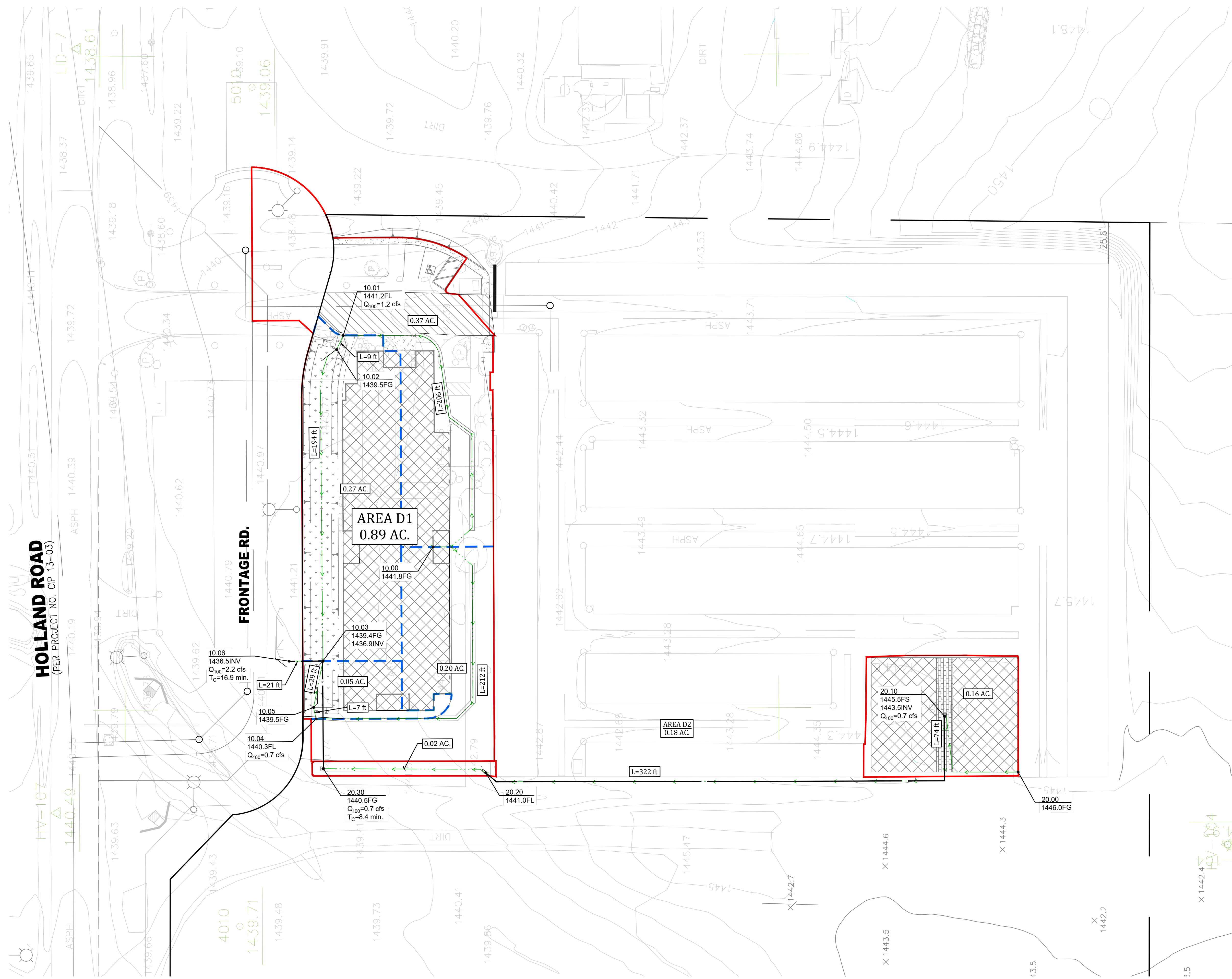
- Pre-Developed Hydrology Key Map
- Developed Hydrology Key Map



- LEGEND**
- MAJOR DRAINAGE BOUNDARY
 - - - MINOR DRAINAGE BOUNDARY
 - ⋯ FLOW PATH
 - AREA ID
ACREAGE DRAINAGE LABEL AND ACREAGE
 - NODE
ELEVATION HYDROLOGY NODE AND ELEVATION

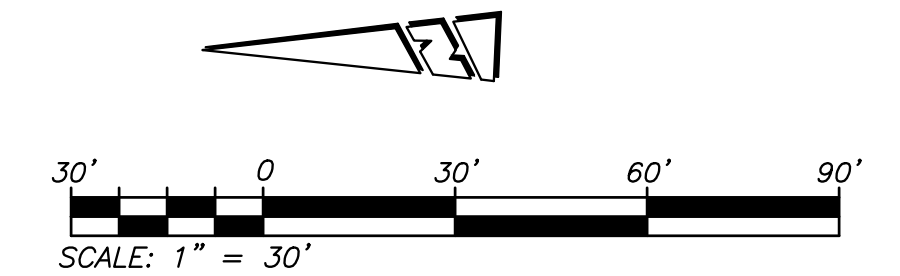


MENIFEE STAXUP STORAGE EXPANSION
PRELIMINARY HYDROLOGY KEY MAP
PRE-DEVELOPED CONDITION



LEGEND

- MAJOR DRAINAGE BOUNDARY
- - - MINOR DRAINAGE BOUNDARY
- FLOW PATH
- AREA ID
ACREAGE DRAINAGE LABEL AND ACREAGE
- NODE
ELEVATION HYDROLOGY NODE AND ELEVATION



MENIFEE STAXUP STORAGE EXPANSION
PRELIMINARY HYDROLOGY KEY MAP
DEVELOPED CONDITION